

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
 Data File : VX046702.D
 Acq On : 13 Jun 2025 19:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 13 23:36:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/16/2025
 Supervised By : Mahesh Dadoda 06/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.568	168	73584	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	125911	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	113337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57870	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	59290	45.289	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.580%		
35) Dibromofluoromethane	5.404	113	46692	50.426	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.860%		
50) Toluene-d8	8.653	98	149819	49.077	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.160%		
62) 4-Bromofluorobenzene	11.079	95	63872	50.570	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.140%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.179	85	41512	40.635	ug/l	99
3) Chloromethane	1.307	50	36827	39.605	ug/l	99
4) Vinyl Chloride	1.386	62	35863	38.690	ug/l	100
5) Bromomethane	1.618	94	10189	18.107	ug/l	95
6) Chloroethane	1.697	64	14492	24.097	ug/l	93
7) Trichlorofluoromethane	1.904	101	51622	33.660	ug/l	99
8) Diethyl Ether	2.148	74	19683	36.324	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.349	101	42048	43.517	ug/l	91
10) Methyl Iodide	2.471	142	24473	23.365	ug/l	97
11) Tert butyl alcohol	2.971	59	38115	262.382	ug/l	100
12) 1,1-Dichloroethene	2.337	96	38245	43.778	ug/l	89
13) Acrolein	2.252	56	45928	260.044	ug/l	100
14) Allyl chloride	2.678	41	76439	44.551	ug/l	92
15) Acrylonitrile	3.075	53	146826	267.325	ug/l	99
16) Acetone	2.392	43	107026	208.956	ug/l	93
17) Carbon Disulfide	2.532	76	75280	40.621	ug/l	98
18) Methyl Acetate	2.715	43	84360	54.099	ug/l	98
19) Methyl tert-butyl Ether	3.130	73	167103	54.664	ug/l	99
20) Methylene Chloride	2.806	84	49861	47.475	ug/l	89
21) trans-1,2-Dichloroethene	3.111	96	43588	47.146	ug/l	97
22) Diisopropyl ether	3.776	45	181831	53.754	ug/l #	78
23) Vinyl Acetate	3.739	43	694761	266.028	ug/l	98
24) 1,1-Dichloroethane	3.629	63	93610	49.654	ug/l	98
25) 2-Butanone	4.568	43	190268	261.081	ug/l	98
26) 2,2-Dichloropropane	4.489	77	60483	43.216	ug/l	95
27) cis-1,2-Dichloroethene	4.507	96	57804	50.789	ug/l	93
28) Bromochloromethane	4.916	49	52039	57.873	ug/l	95
29) Tetrahydrofuran	5.019	42	119595	259.852	ug/l	100
30) Chloroform	5.111	83	102002	51.637	ug/l	96
31) Cyclohexane	5.489	56	69621	45.744	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	85940	50.860	ug/l	97
36) 1,1-Dichloropropene	5.708	75	60260	45.560	ug/l	98
37) Ethyl Acetate	4.727	43	72034	55.802	ug/l	99
38) Carbon Tetrachloride	5.690	117	72302	48.805	ug/l	99
39) Methylcyclohexane	7.391	83	71141	45.569	ug/l	99
40) Benzene	6.050	78	186470	50.080	ug/l	97

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 Quant Title : SW846 8260
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Manual Integrations
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Reviewed By : John Carlone 06/16/2025
 Supervised By : Mahesh Dadoda 06/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	43022	53.668	ug/l	96
42) 1,2-Dichloroethane	6.105	62	77222	49.851	ug/l	97
43) Isopropyl Acetate	6.348	43	121535	54.005	ug/l	99
44) Trichloroethene	7.135	130	46377	49.020	ug/l	98
45) 1,2-Dichloropropane	7.440	63	50872	52.932	ug/l	95
46) Dibromomethane	7.586	93	36651	50.691	ug/l	94
47) Bromodichloromethane	7.824	83	80934	54.441	ug/l	99
48) Methyl methacrylate	7.696	41	61581	53.184	ug/l	94
49) 1,4-Dioxane	7.665	88	17364	1121.404	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	391949	274.075	ug/l	98
52) Toluene	8.720	92	119360	52.178	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	71801	53.867	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	78829	53.190	ug/l	89
55) 1,1,2-Trichloroethane	9.153	97	50477	54.966	ug/l	95
56) Ethyl methacrylate	9.116	69	78716	55.701	ug/l	94
57) 1,3-Dichloropropane	9.311	76	85798	52.868	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	241772	314.092	ug/l	98
59) 2-Hexanone	9.433	43	278115	271.164	ug/l	96
60) Dibromochloromethane	9.525	129	60224	55.753	ug/l	99
61) 1,2-Dibromoethane	9.610	107	50505	52.777	ug/l	98
64) Tetrachloroethene	9.275	164	36421	48.056	ug/l	96
65) Chlorobenzene	10.079	112	134711	50.538	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	49248	54.675	ug/l	99
67) Ethyl Benzene	10.195	91	234638	50.423	ug/l	96
68) m/p-Xylenes	10.299	106	173130	102.564	ug/l	99
69) o-Xylene	10.640	106	85731	52.508	ug/l	98
70) Styrene	10.653	104	152512	54.568	ug/l	98
71) Bromoform	10.799	173	38802	56.497	ug/l #	95
73) Isopropylbenzene	10.963	105	233085	51.237	ug/l	100
74) N-amyl acetate	10.842	43	107634	53.727	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	77112	52.957	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	63816m	52.062	ug/l	
77) Bromobenzene	11.195	156	55490	52.552	ug/l	95
78) n-propylbenzene	11.305	91	276875	50.285	ug/l	98
79) 2-Chlorotoluene	11.366	91	164779	49.627	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	193353	51.006	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	21339	50.218	ug/l	94
82) 4-Chlorotoluene	11.451	91	194247	49.356	ug/l	97
83) tert-Butylbenzene	11.713	119	200121	51.858	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	194478	50.712	ug/l	98
85) sec-Butylbenzene	11.890	105	253337	51.091	ug/l	100
86) p-Isopropyltoluene	12.006	119	208976	50.554	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	104720	51.073	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	104486	49.178	ug/l	99
89) n-Butylbenzene	12.329	91	197865	48.742	ug/l	98
90) Hexachloroethane	12.536	117	36938	50.276	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	103143	52.113	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17066	52.339	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	69206	51.259	ug/l	99
94) Hexachlorobutadiene	13.725	225	29568	47.124	ug/l	99
95) Naphthalene	13.774	128	234224	54.705	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	69049	51.003	ug/l	98

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MSVOA_X
ClientSampleId :
VSTDCCC050EC

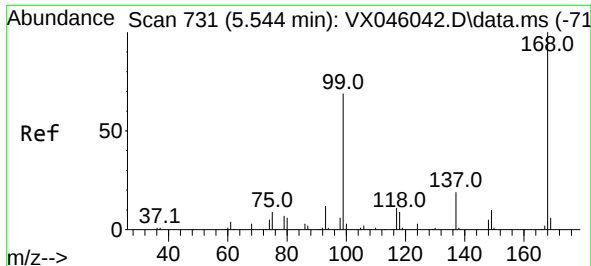
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

Quant Time: Jun 13 23:36:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



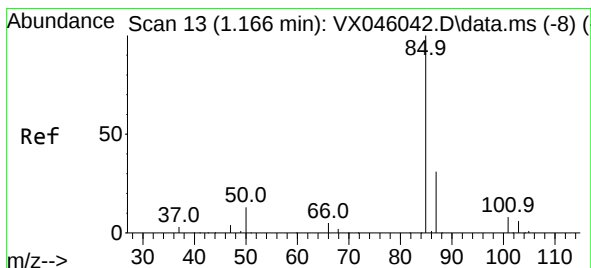
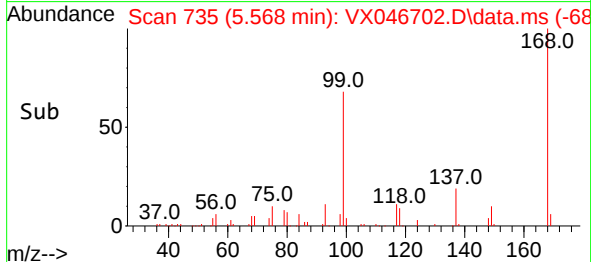
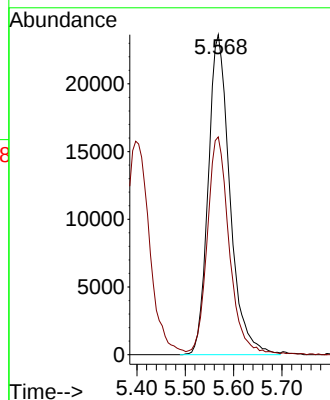
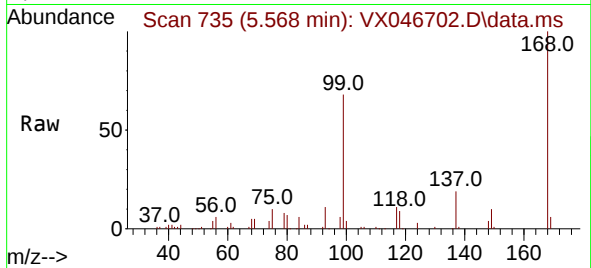
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046702.D
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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 73584
Ion Ratio Lower Upper
168 100
99 67.7 54.9 82.3

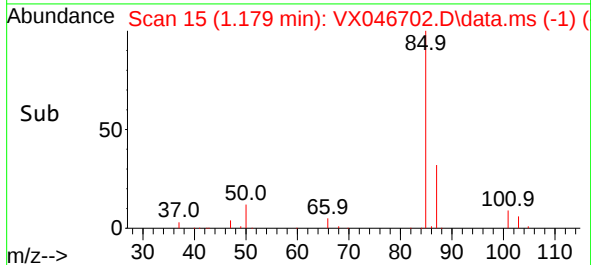
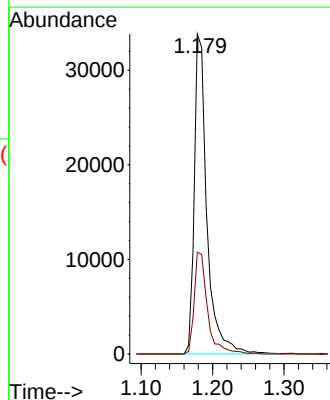
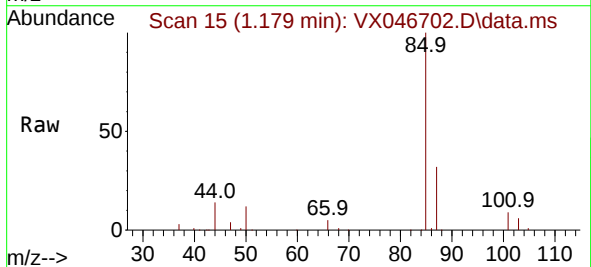
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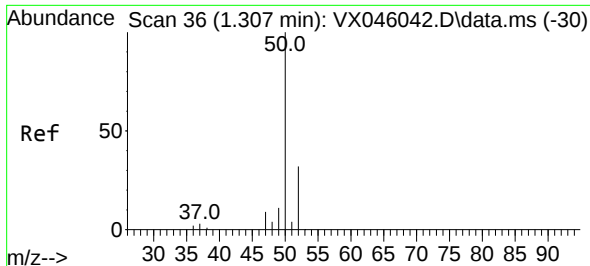
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#2
Dichlorodifluoromethane
Concen: 40.635 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.006 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

Tgt Ion: 85 Resp: 41512
Ion Ratio Lower Upper
85 100
87 31.8 15.7 47.1





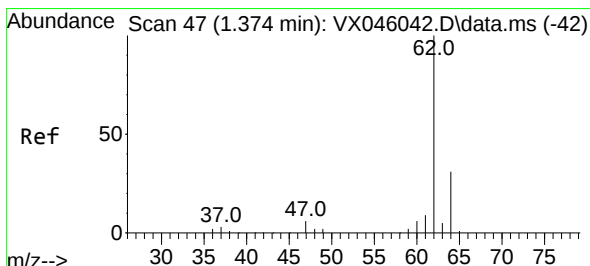
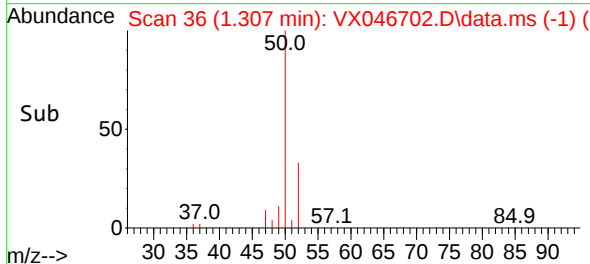
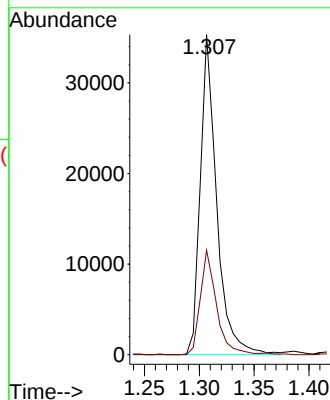
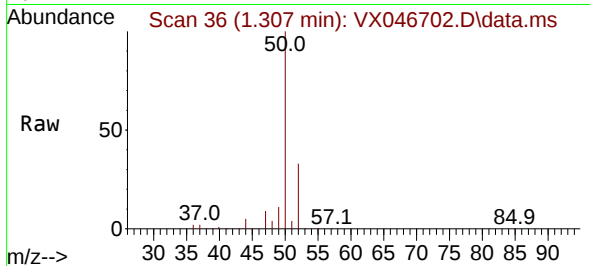
#3
Chloromethane
Concen: 39.605 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

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Tgt Ion: 50 Resp: 3682
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.2

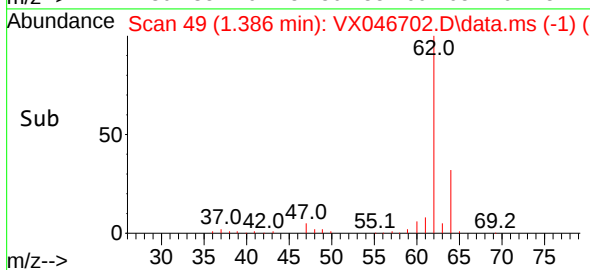
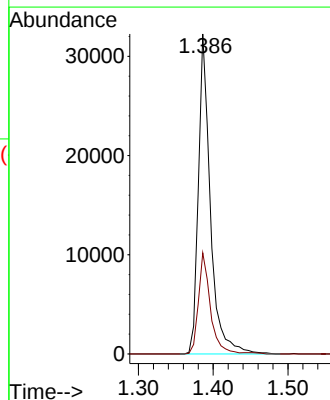
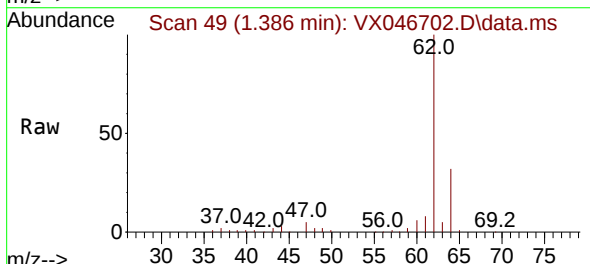
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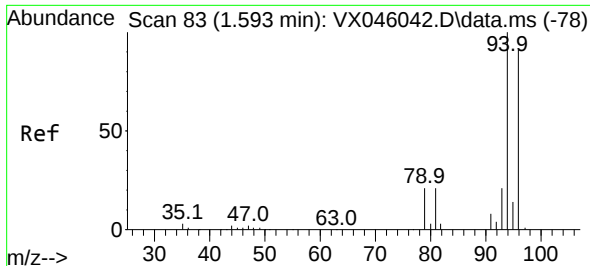
Reviewed By :John Carlone 06/16/2025
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#4
Vinyl Chloride
Concen: 38.690 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

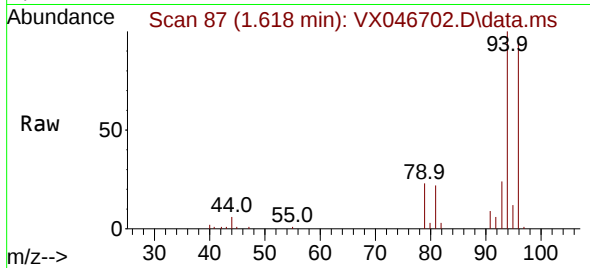
Tgt Ion: 62 Resp: 35863
Ion Ratio Lower Upper
62 100
64 31.6 25.2 37.8





#5
Bromomethane
Concen: 18.107 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

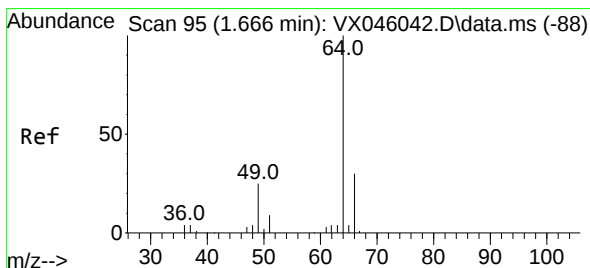
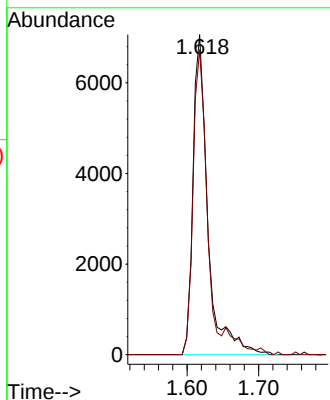
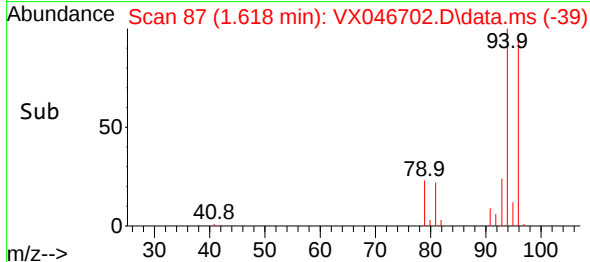
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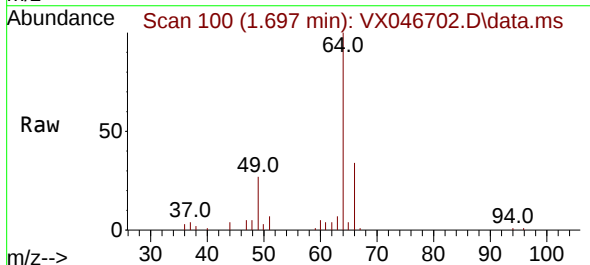
Tgt Ion: 94 Resp: 10189
Ion Ratio Lower Upper
94 100
96 95.3 72.8 109.2

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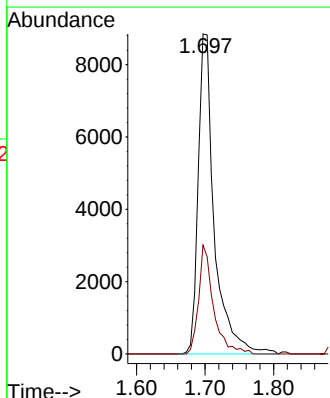
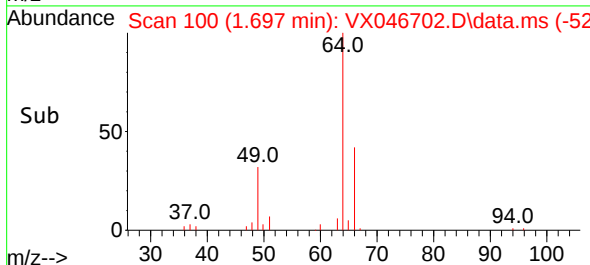
Reviewed By :John Carlone 06/16/2025
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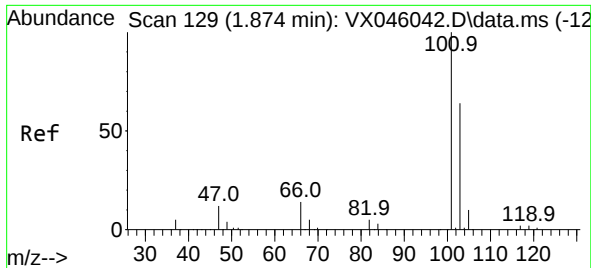


#6
Chloroethane
Concen: 24.097 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.006 min
Lab File: VX046702.D
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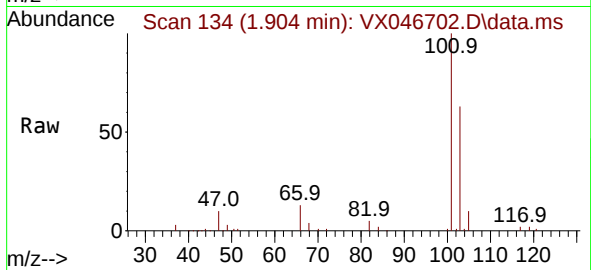
Tgt Ion: 64 Resp: 14492
Ion Ratio Lower Upper
64 100
66 34.0 24.3 36.5





#7
 Trichlorofluoromethane
 Concen: 33.660 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX046702.D
 Acq: 13 Jun 2025 19:55

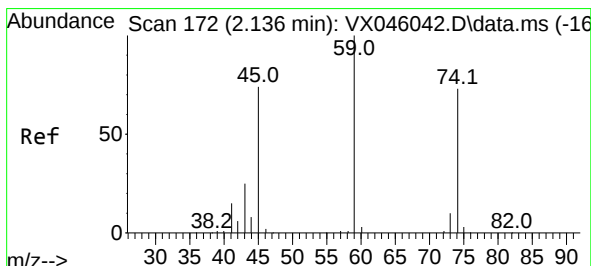
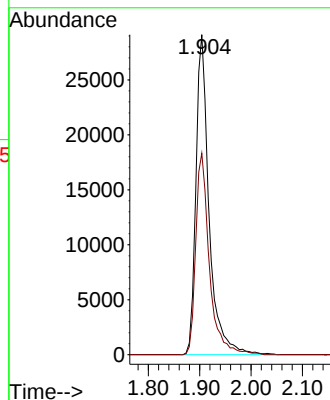
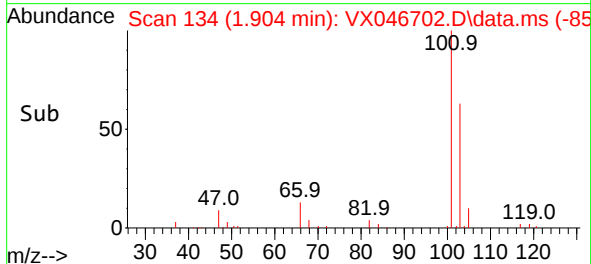
Instrument :
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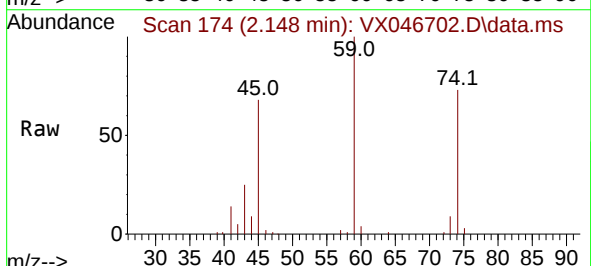
Tgt Ion:101 Resp: 5162
 Ion Ratio Lower Upper
 101 100
 103 62.9 51.0 76.4

Manual Integrations
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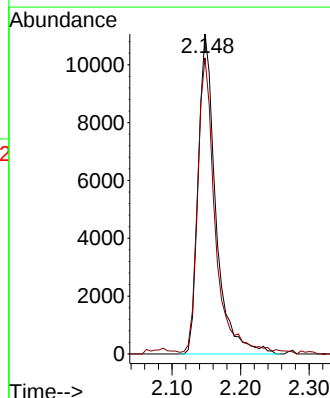
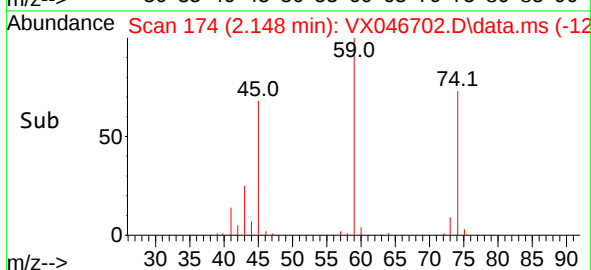
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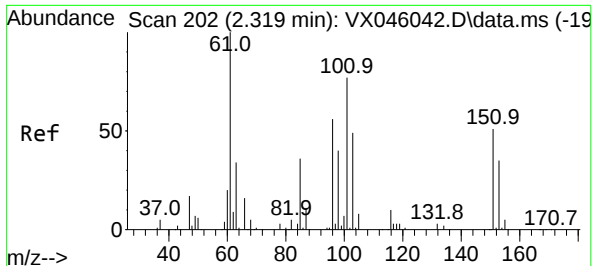


#8
 Diethyl Ether
 Concen: 36.324 ug/l
 RT: 2.148 min Scan# 174
 Delta R.T. -0.006 min
 Lab File: VX046702.D
 Acq: 13 Jun 2025 19:55



Tgt Ion: 74 Resp: 19683
 Ion Ratio Lower Upper
 74 100
 45 94.5 54.9 164.8





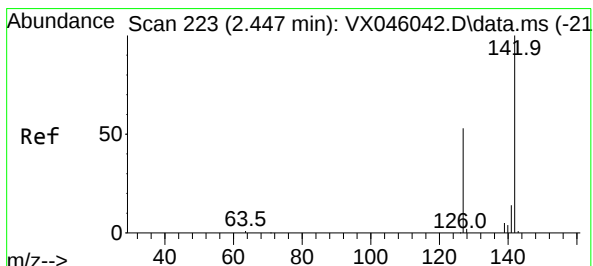
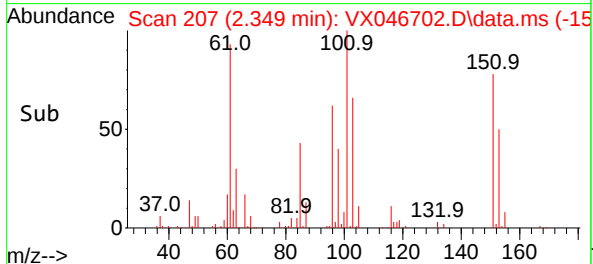
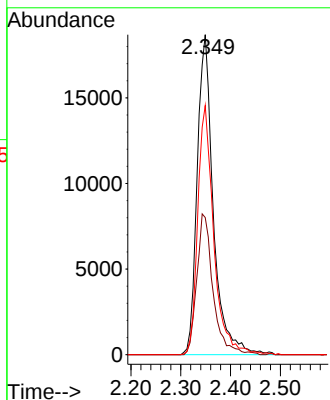
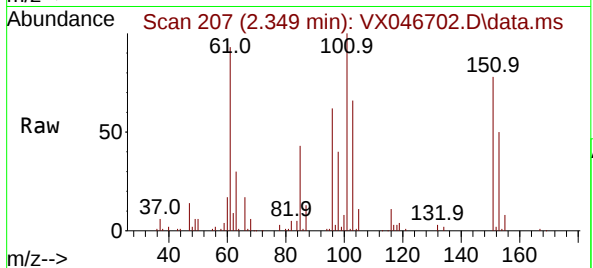
#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.517 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 42048
Ion Ratio Lower Upper
101 100
85 44.3 38.6 58.0
151 77.6 55.2 82.8

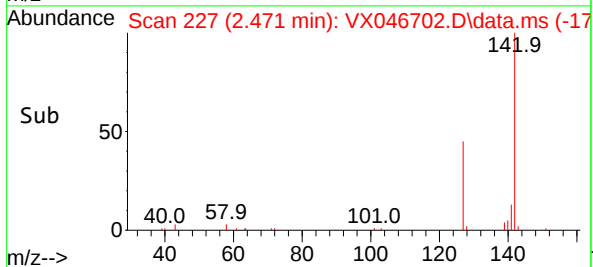
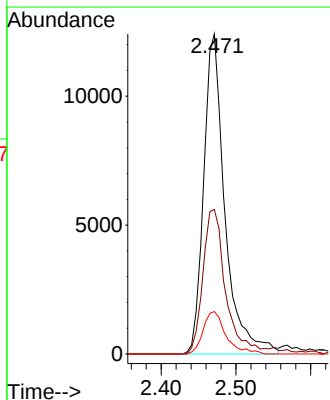
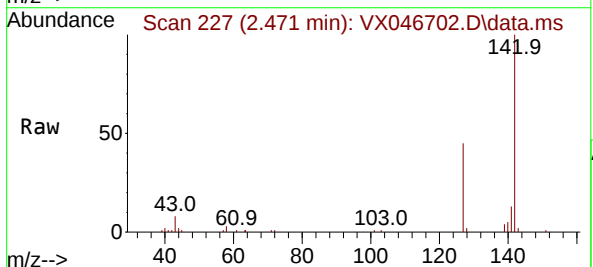
Manual Integrations
APPROVED

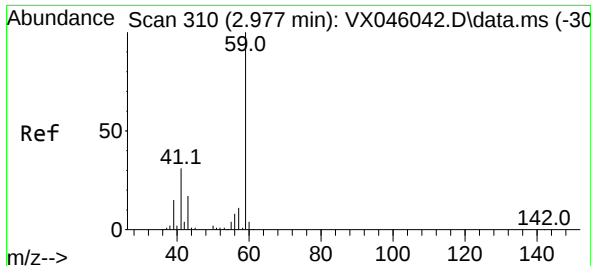
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#10
Methyl Iodide
Concen: 23.365 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

Tgt Ion:142 Resp: 24473
Ion Ratio Lower Upper
142 100
127 49.7 41.7 62.5
141 14.2 11.5 17.3





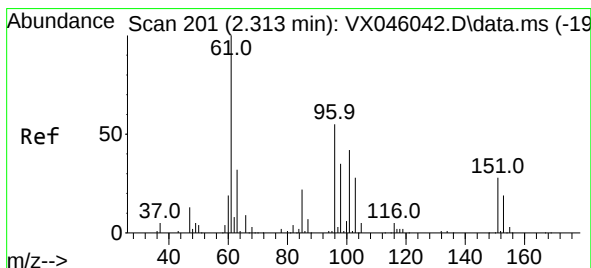
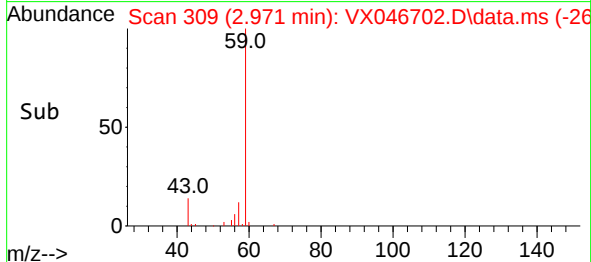
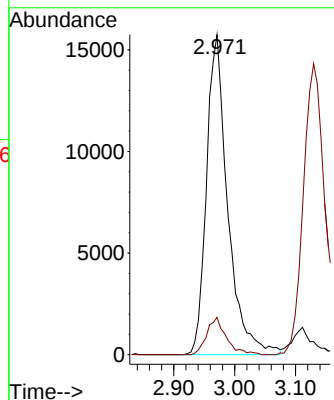
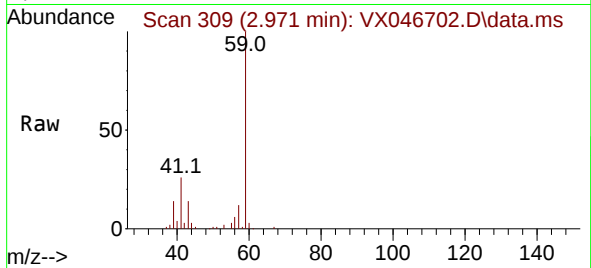
#11
Tert butyl alcohol
Concen: 262.382 ug/l
RT: 2.971 min Scan# 309
Delta R.T. 0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 3811
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8

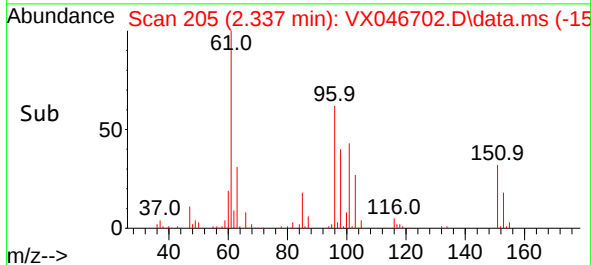
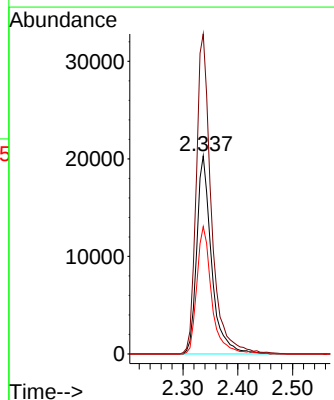
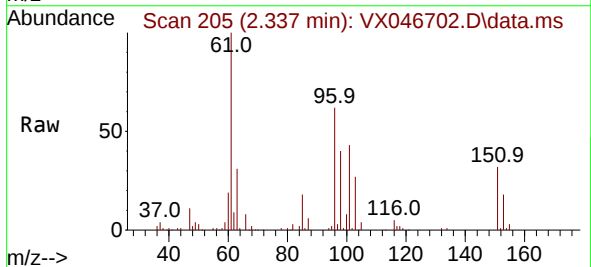
Manual Integrations
APPROVED

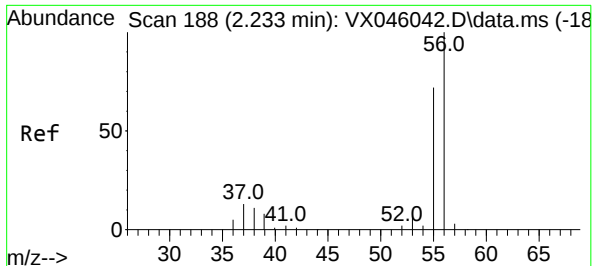
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#12
1,1-Dichloroethene
Concen: 43.778 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

Tgt Ion: 96 Resp: 38245
Ion Ratio Lower Upper
96 100
61 161.6 146.2 219.2
98 64.4 51.0 76.6





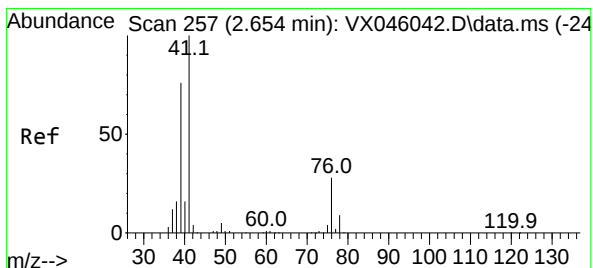
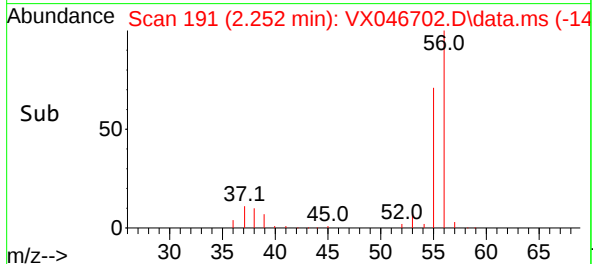
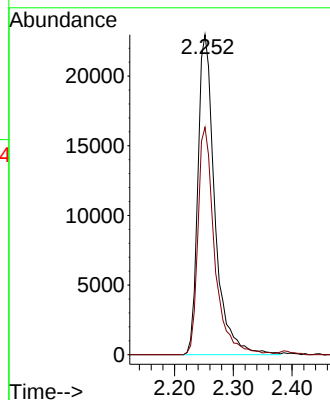
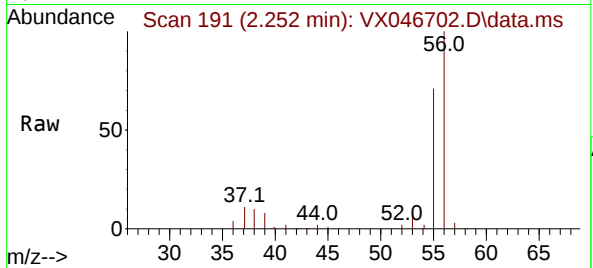
#13
Acrolein
Concen: 260.044 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.001 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 45928
Ion Ratio Lower Upper
56 100
55 70.3 56.2 84.4

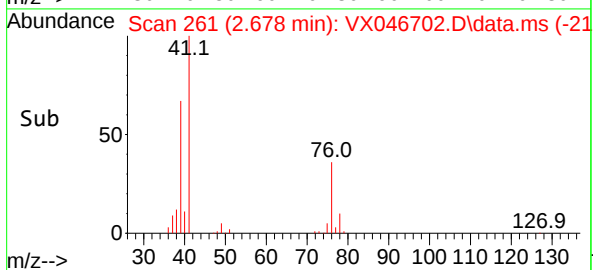
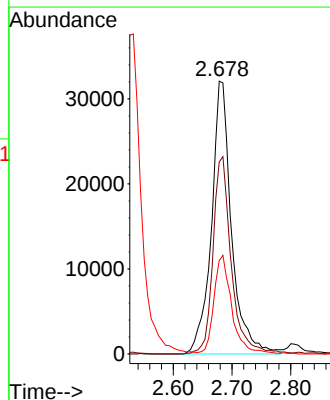
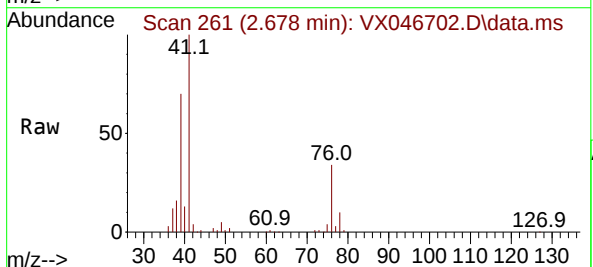
Manual Integrations
APPROVED

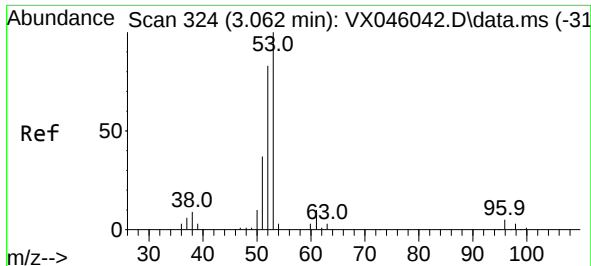
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#14
Allyl chloride
Concen: 44.551 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.006 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

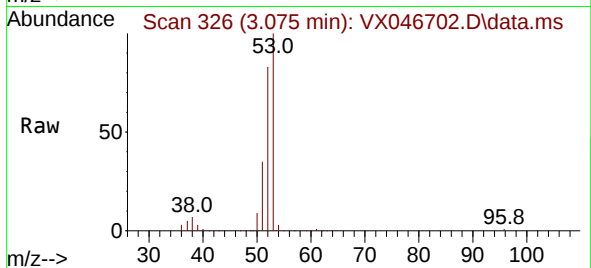
Tgt Ion: 41 Resp: 76439
Ion Ratio Lower Upper
41 100
39 65.8 60.6 90.8
76 31.4 24.9 37.3





#15
Acrylonitrile
Concen: 267.325 ug/l
RT: 3.075 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

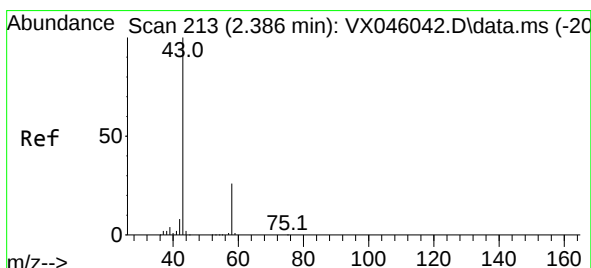
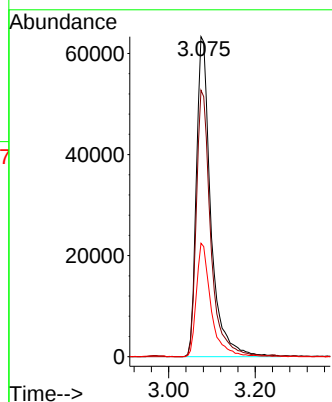
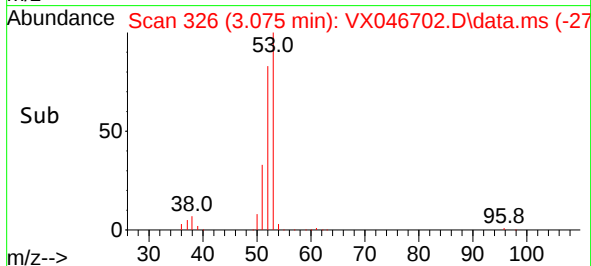
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 146820
Ion Ratio Lower Upper
53 100
52 82.6 65.3 97.9
51 36.0 29.8 44.8

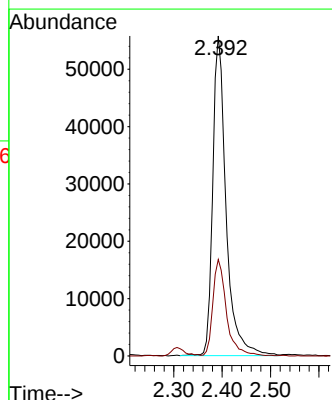
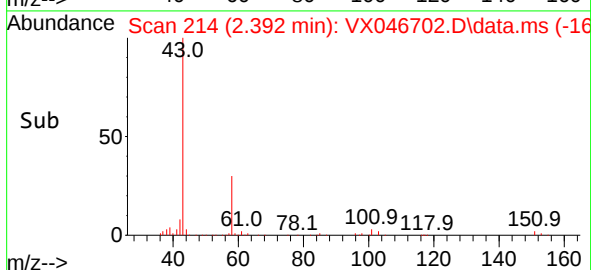
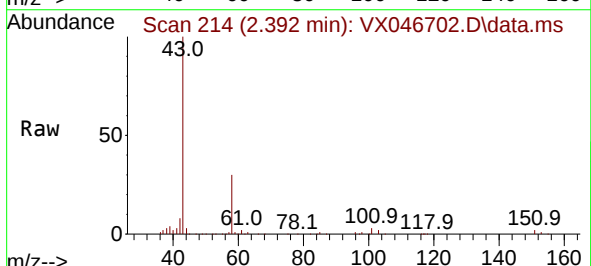
Manual Integrations
APPROVED

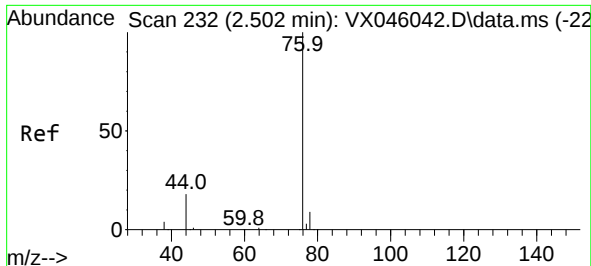
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#16
Acetone
Concen: 208.956 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

Tgt Ion: 43 Resp: 107026
Ion Ratio Lower Upper
43 100
58 30.1 21.2 31.8





#17

Carbon Disulfide

Concen: 40.621 ug/l

RT: 2.532 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX046702.D

Acq: 13 Jun 2025 19:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 75280

Ion Ratio Lower Upper

76 100

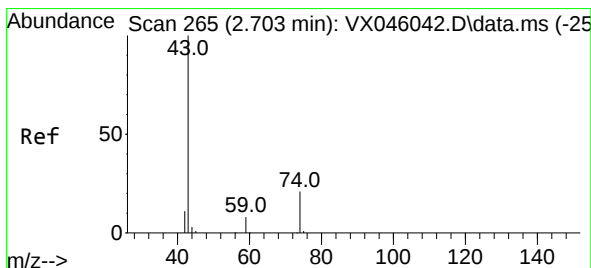
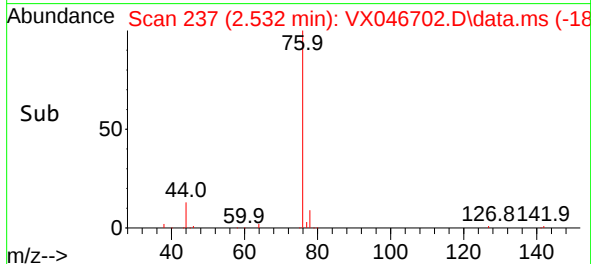
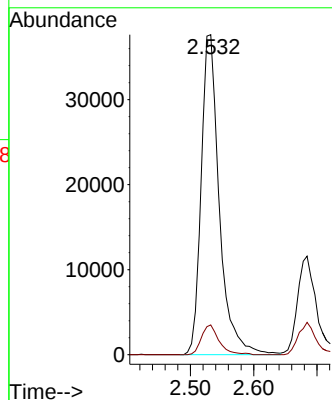
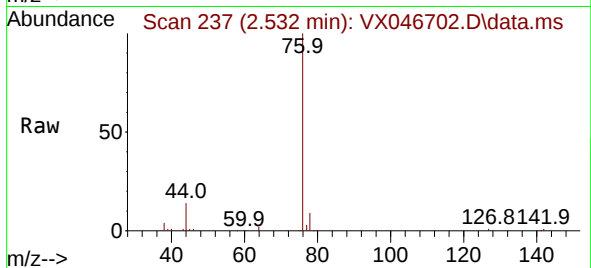
78 9.3 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2025

Supervised By :Mahesh Dadoda 06/16/2025



#18

Methyl Acetate

Concen: 54.099 ug/l

RT: 2.715 min Scan# 267

Delta R.T. -0.006 min

Lab File: VX046702.D

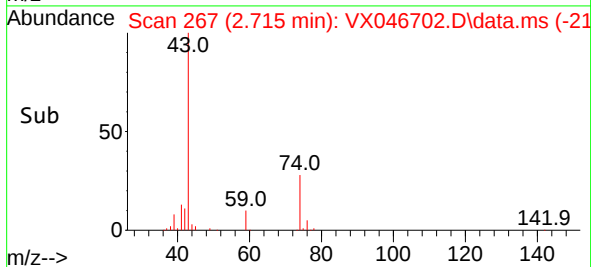
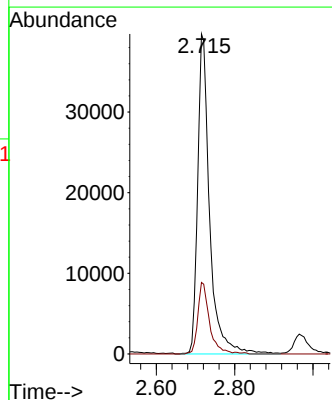
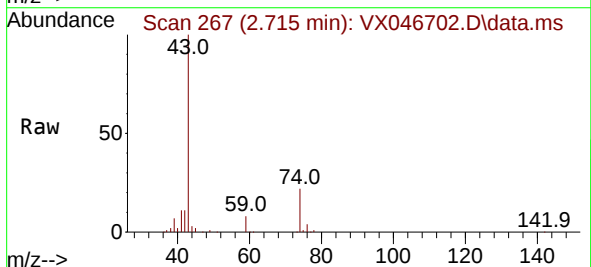
Acq: 13 Jun 2025 19:55

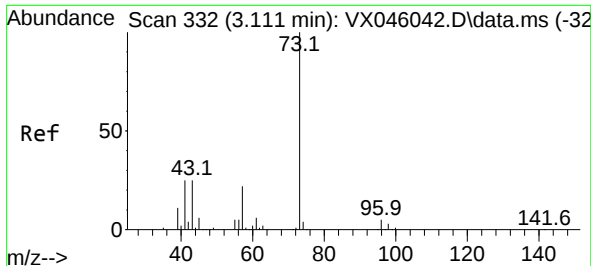
Tgt Ion: 43 Resp: 84360

Ion Ratio Lower Upper

43 100

74 21.7 16.7 25.1





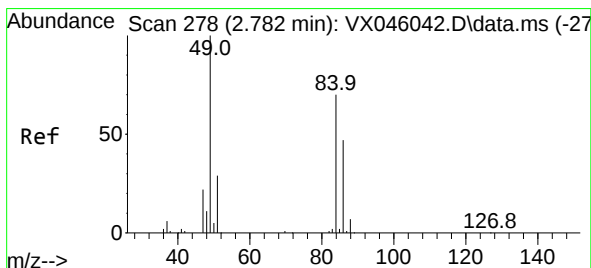
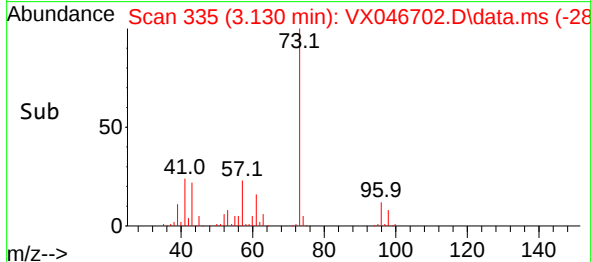
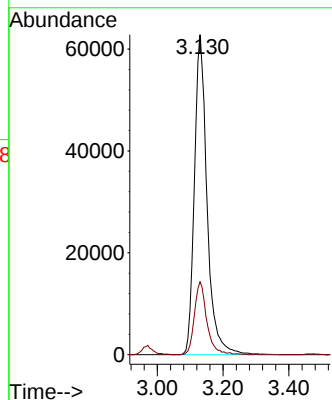
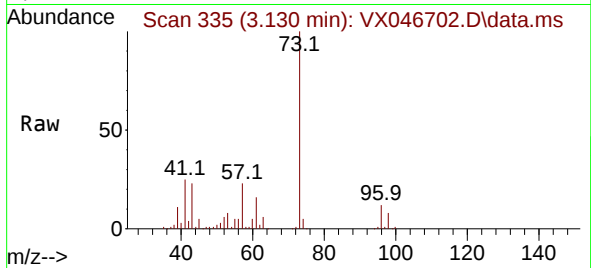
#19
Methyl tert-butyl Ether
Concen: 54.664 ug/l
RT: 3.130 min Scan# 311
Delta R.T. -0.005 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 16710
Ion Ratio Lower Upper
73 100
57 22.8 17.7 26.5

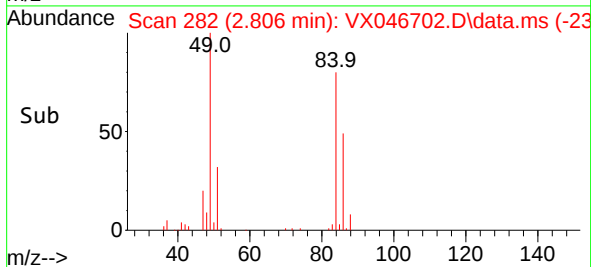
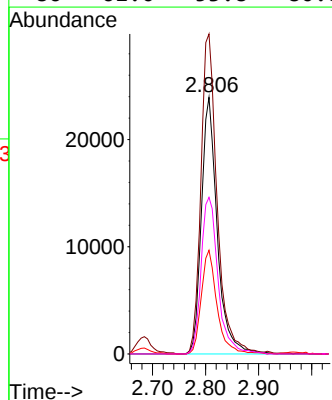
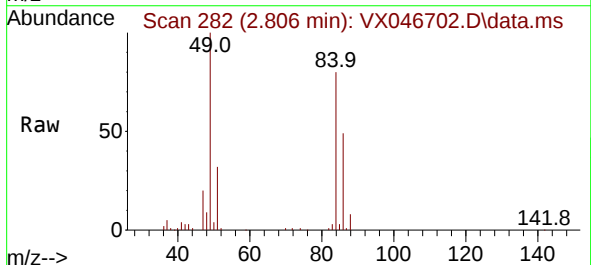
Manual Integrations
APPROVED

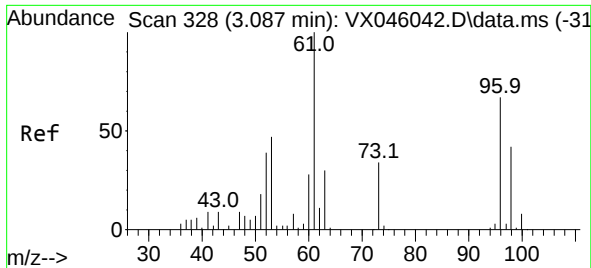
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#20
Methylene Chloride
Concen: 47.475 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

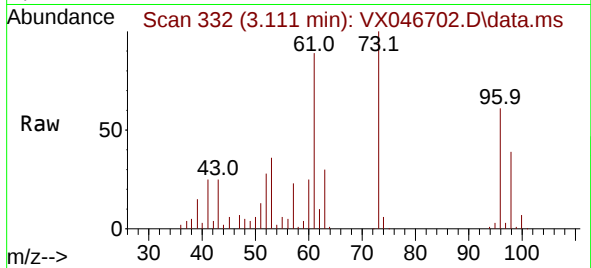
Tgt Ion: 84 Resp: 49861
Ion Ratio Lower Upper
84 100
49 124.6 113.9 170.9
51 40.4 33.5 50.3
86 61.0 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 47.146 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

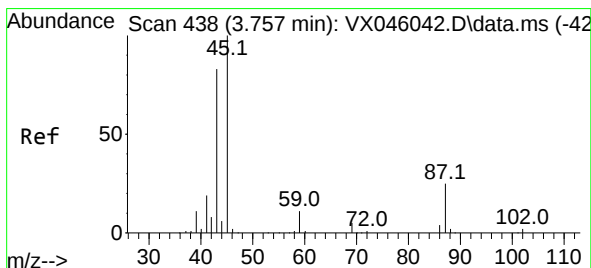
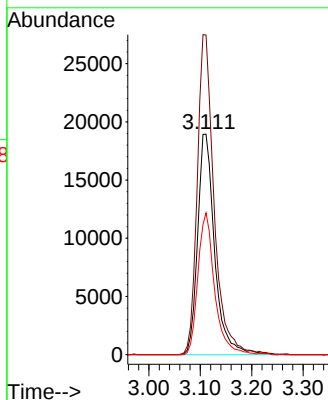
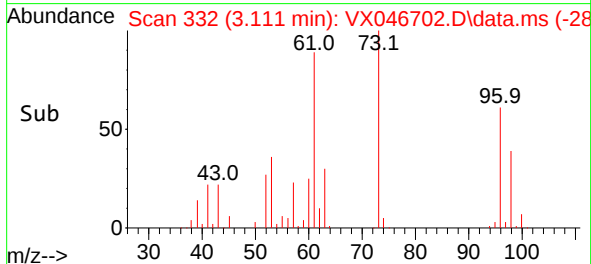
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



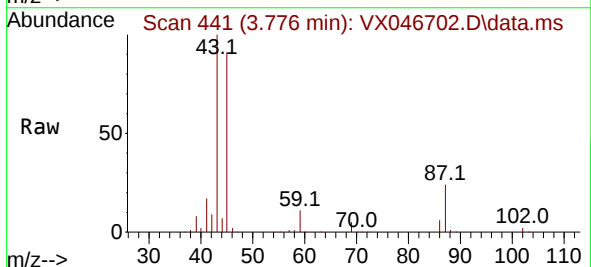
Tgt Ion: 96 Resp: 43588
Ion Ratio Lower Upper
96 100
61 145.0 119.5 179.3
98 64.3 50.0 75.0

Manual Integrations
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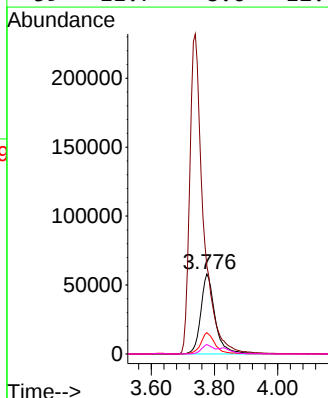
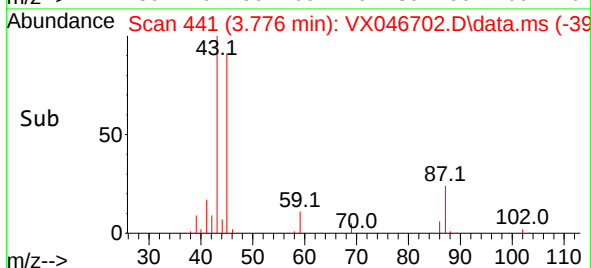
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

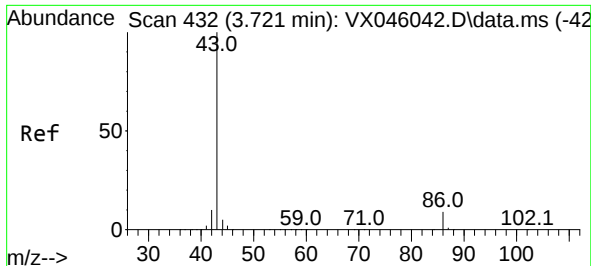


#22
Diisopropyl ether
Concen: 53.754 ug/l
RT: 3.776 min Scan# 441
Delta R.T. -0.006 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55



Tgt Ion: 45 Resp: 181831
Ion Ratio Lower Upper
45 100
43 110.1 66.6 100.0#
87 26.5 19.8 29.6
59 11.7 8.6 12.8





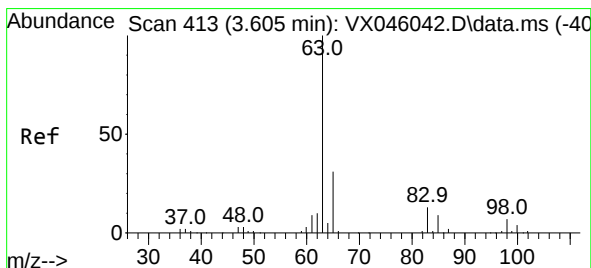
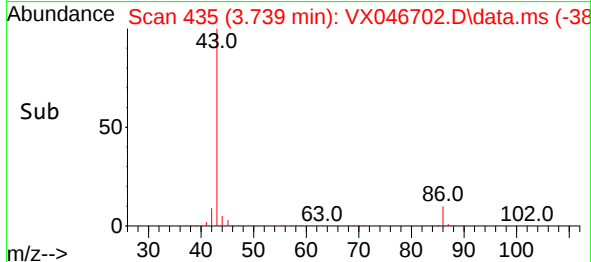
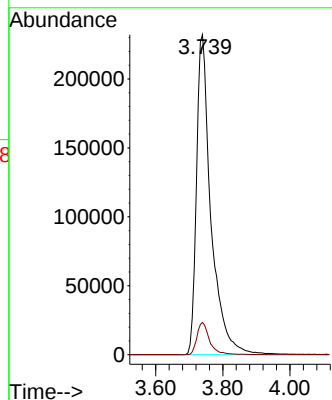
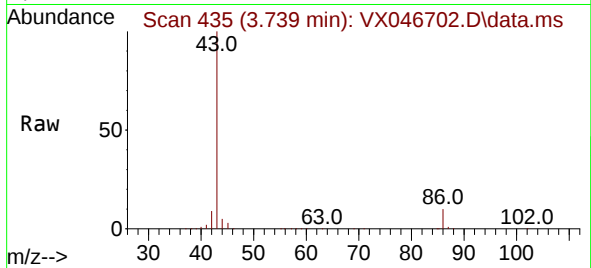
#23
 Vinyl Acetate
 Concen: 266.028 ug/l
 RT: 3.739 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX046702.D
 Acq: 13 Jun 2025 19:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 69476
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.5 11.3

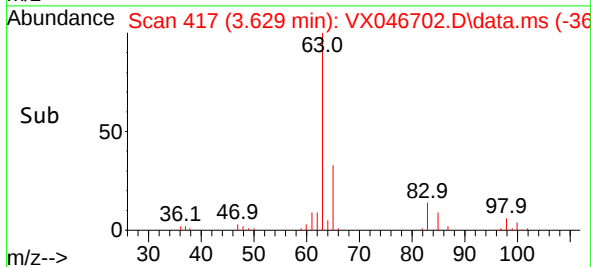
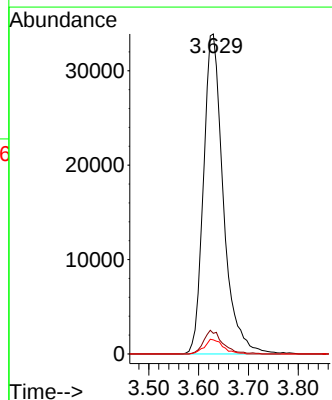
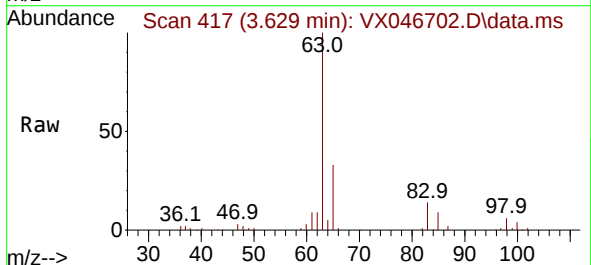
Manual Integrations
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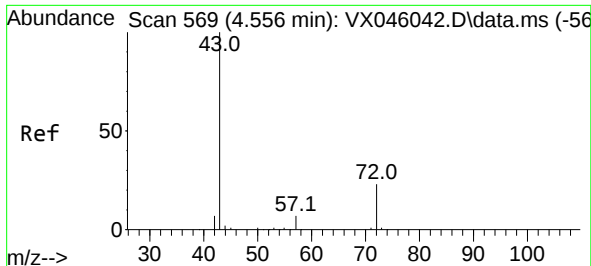
Reviewed By :John Carlone 06/16/2025
 Supervised By :Mahesh Dadoda 06/16/2025



#24
 1,1-Dichloroethane
 Concen: 49.654 ug/l
 RT: 3.629 min Scan# 417
 Delta R.T. 0.000 min
 Lab File: VX046702.D
 Acq: 13 Jun 2025 19:55

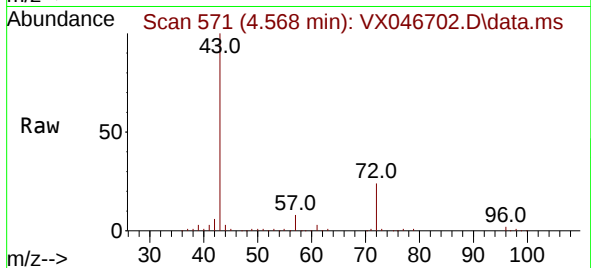
Tgt Ion: 63 Resp: 93610
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.6 10.8
 100 4.4 2.1 6.3





#25
2-Butanone
Concen: 261.081 ug/l
RT: 4.568 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

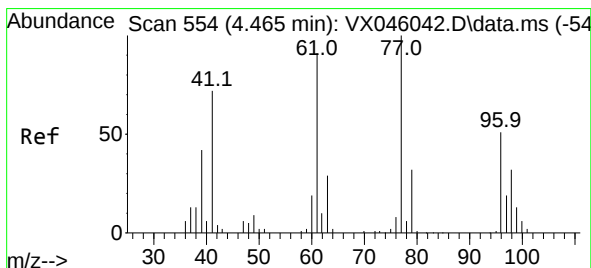
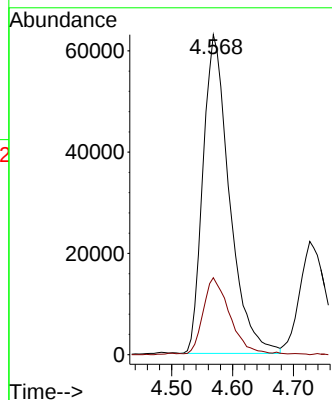
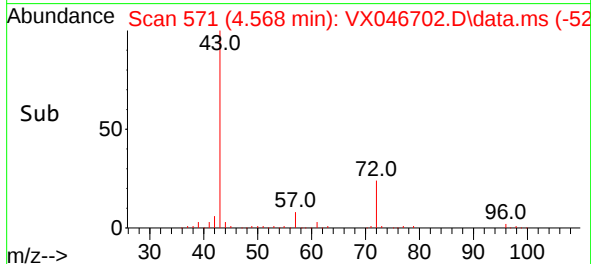
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 190268
Ion Ratio Lower Upper
43 100
72 23.8 18.4 27.6

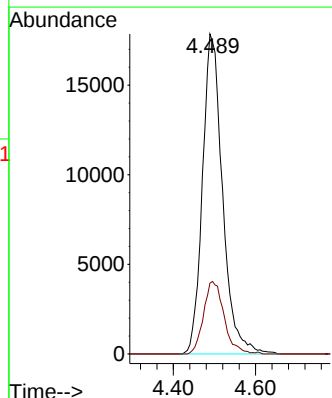
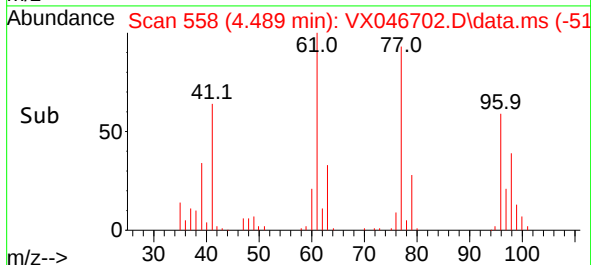
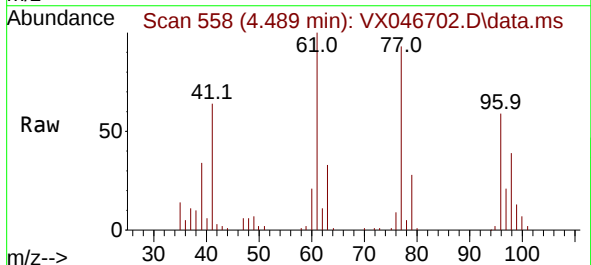
Manual Integrations
APPROVED

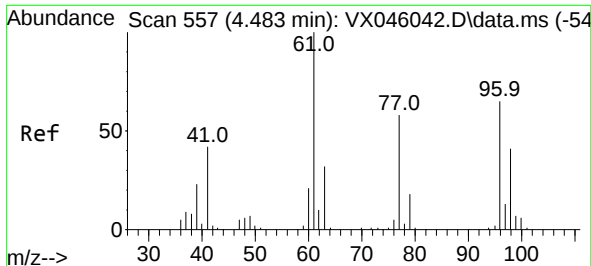
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#26
2,2-Dichloropropane
Concen: 43.216 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

Tgt Ion: 77 Resp: 60483
Ion Ratio Lower Upper
77 100
97 23.1 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 50.789 ug/l

RT: 4.507 min Scan# 5

Delta R.T. 0.000 min

Lab File: VX046702.D

Acq: 13 Jun 2025 19:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 57804

Ion Ratio Lower Upper

96 100

61 147.8 0.0 322.8

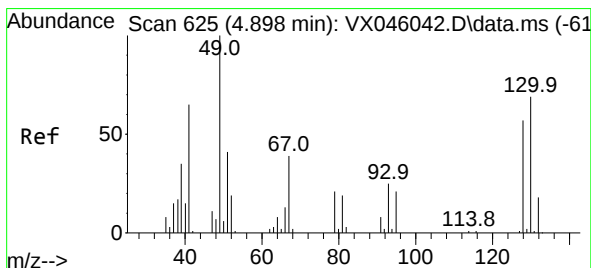
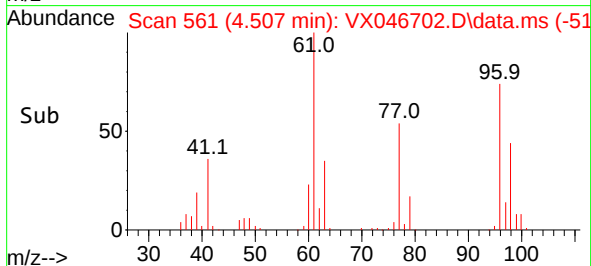
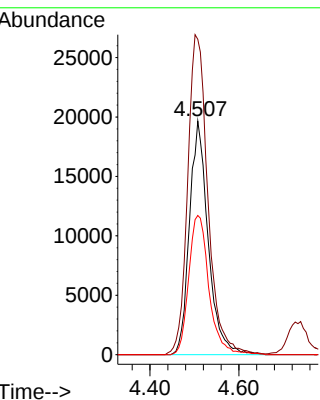
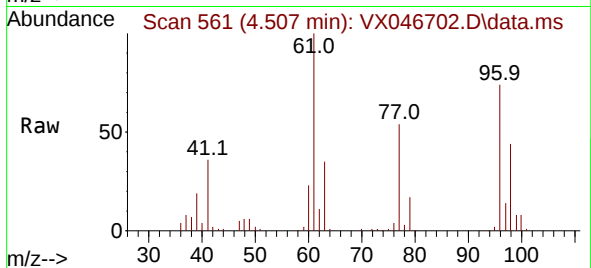
98 64.3 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2025

Supervised By :Mahesh Dadoda 06/16/2025



#28

Bromochloromethane

Concen: 57.873 ug/l

RT: 4.916 min Scan# 628

Delta R.T. -0.000 min

Lab File: VX046702.D

Acq: 13 Jun 2025 19:55

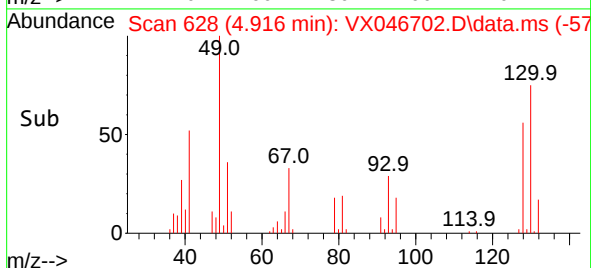
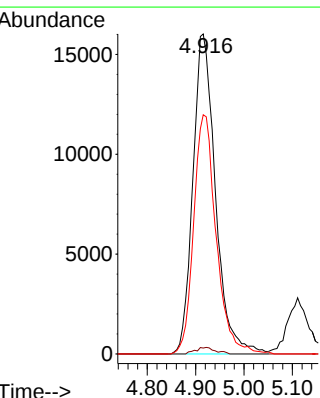
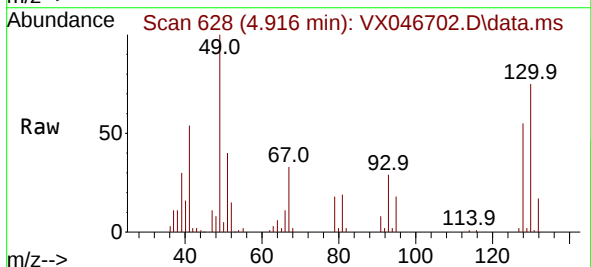
Tgt Ion: 49 Resp: 52039

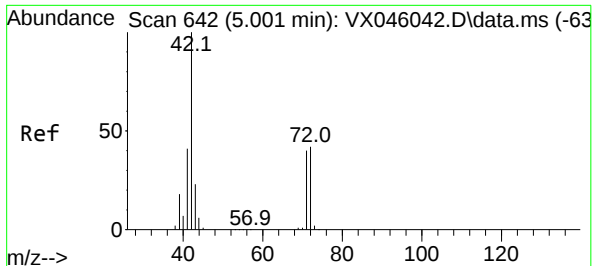
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.0

130 74.4 56.2 84.2





#29

Tetrahydrofuran

Concen: 259.852 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.000 min

Lab File: VX046702.D

Acq: 13 Jun 2025 19:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

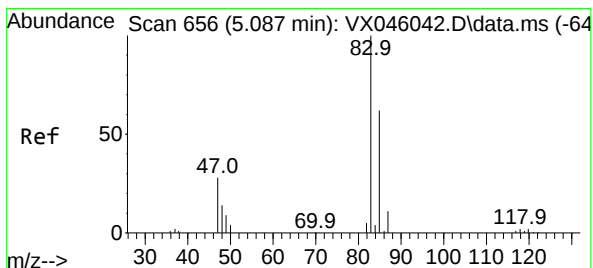
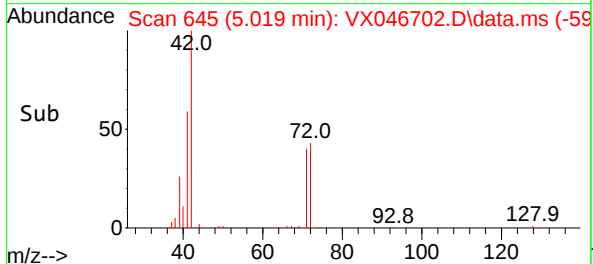
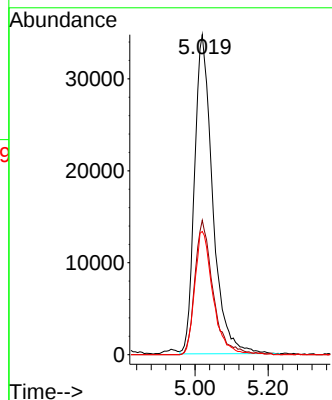
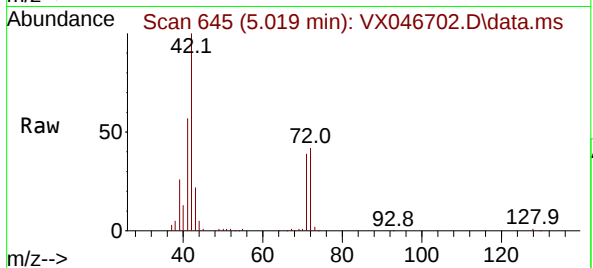
Tgt Ion: 42 Resp: 11959
 Ion Ratio Lower Upper
 42 100
 72 42.1 33.7 50.5
 71 39.1 31.4 47.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2025

Supervised By :Mahesh Dadoda 06/16/2025



#30

Chloroform

Concen: 51.637 ug/l

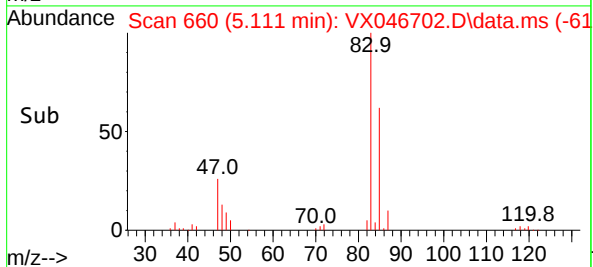
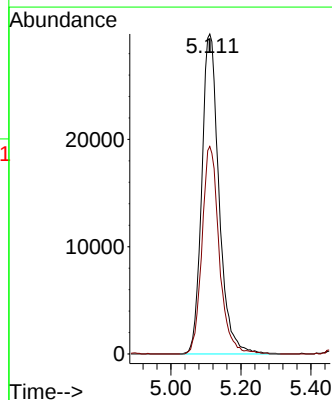
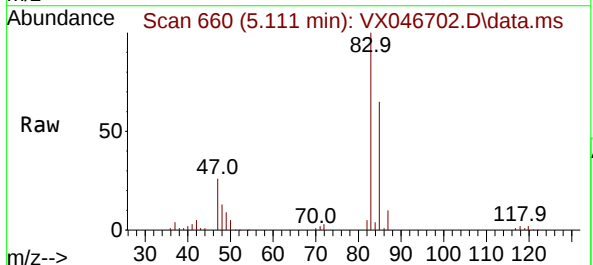
RT: 5.111 min Scan# 660

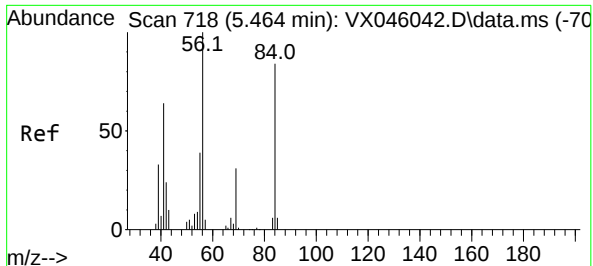
Delta R.T. -0.000 min

Lab File: VX046702.D

Acq: 13 Jun 2025 19:55

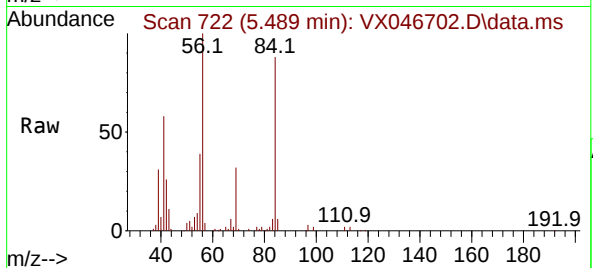
Tgt Ion: 83 Resp: 102002
 Ion Ratio Lower Upper
 83 100
 85 64.9 49.3 73.9





#31
Cyclohexane
Concen: 45.744 ug/l
RT: 5.489 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

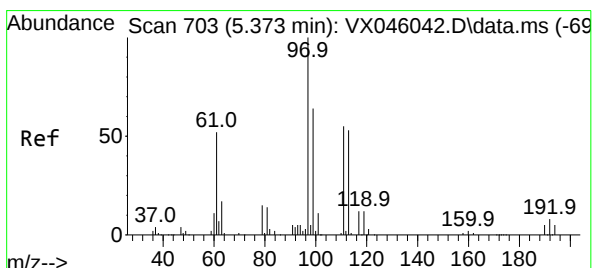
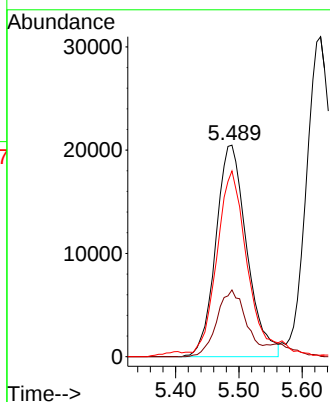
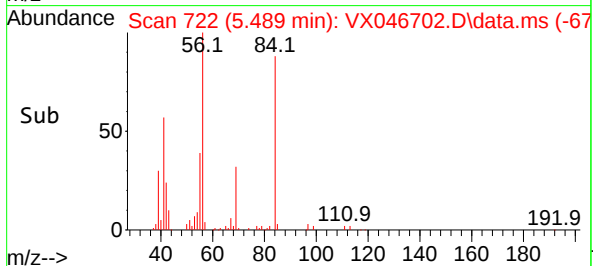
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 6962
Ion Ratio Lower Upper
56 100
69 31.6 24.4 36.6
84 85.4 66.9 100.3

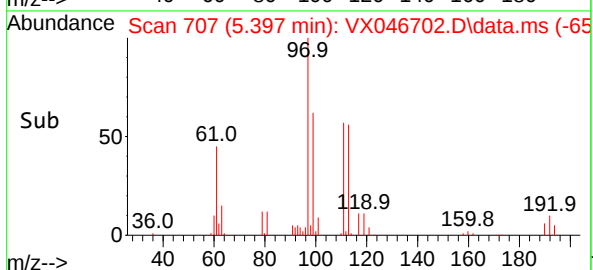
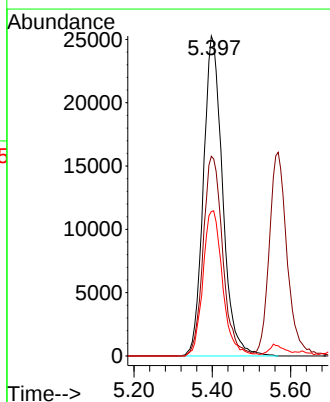
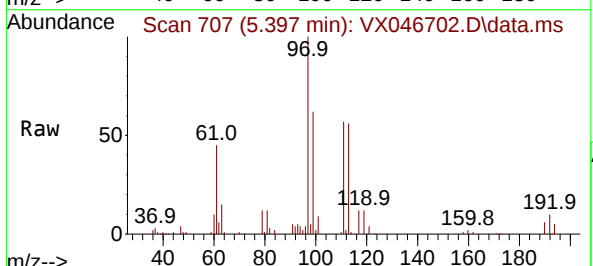
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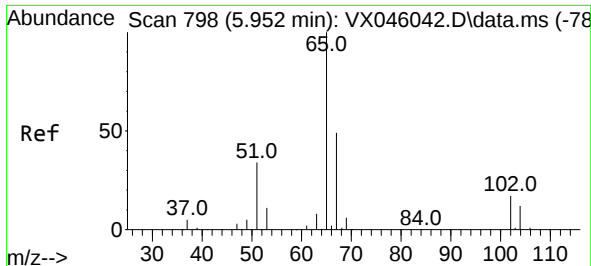
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#32
1,1,1-Trichloroethane
Concen: 50.860 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

Tgt Ion: 97 Resp: 85940
Ion Ratio Lower Upper
97 100
99 63.3 51.8 77.6
61 46.5 40.1 60.1





#33

1,2-Dichloroethane-d4

Concen: 45.289 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.006 min

Lab File: VX046702.D

Acq: 13 Jun 2025 19:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 59290

Ion Ratio Lower Upper

65 100

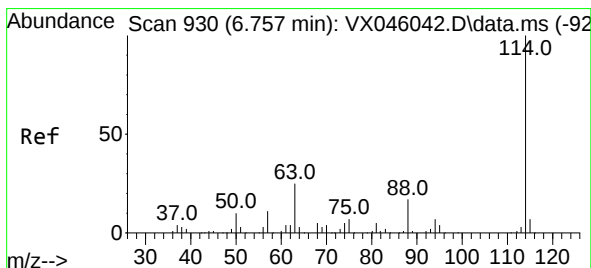
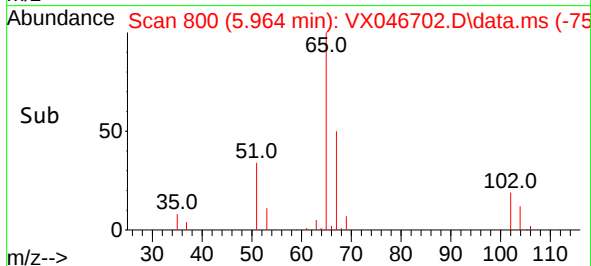
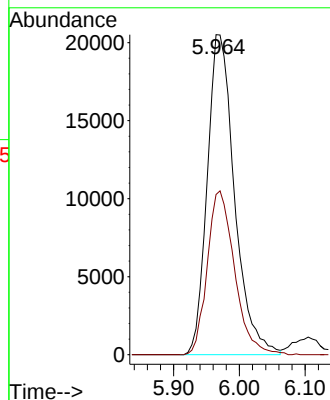
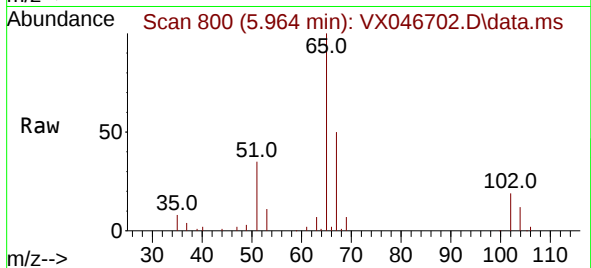
67 51.1 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2025

Supervised By :Mahesh Dadoda 06/16/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.006 min

Lab File: VX046702.D

Acq: 13 Jun 2025 19:55

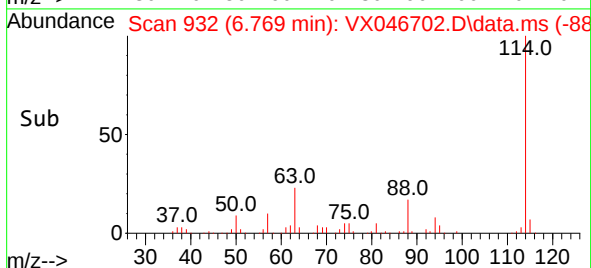
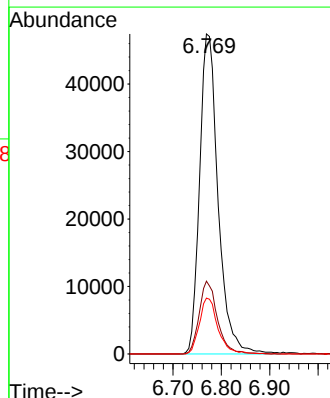
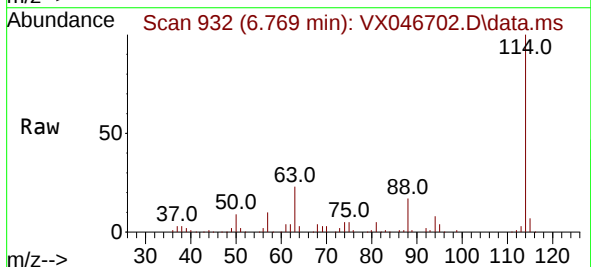
Tgt Ion:114 Resp: 125911

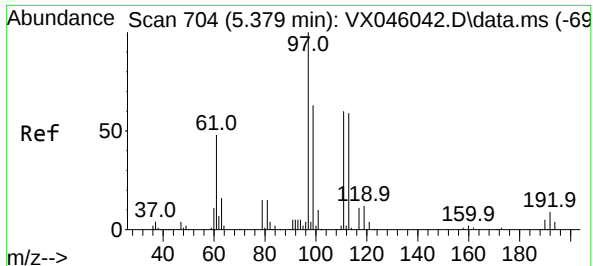
Ion Ratio Lower Upper

114 100

63 22.8 0.0 49.2

88 17.4 0.0 33.6





#35

Dibromofluoromethane

Concen: 50.426 ug/l

RT: 5.404 min Scan# 704

Delta R.T. 0.001 min

Lab File: VX046702.D

Acq: 13 Jun 2025 19:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 46692

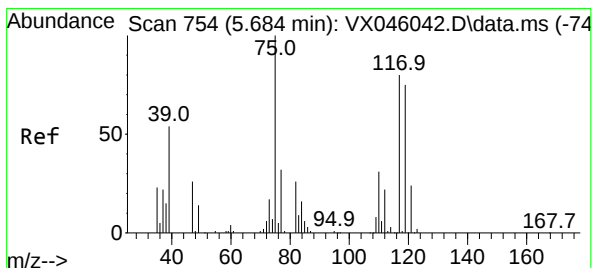
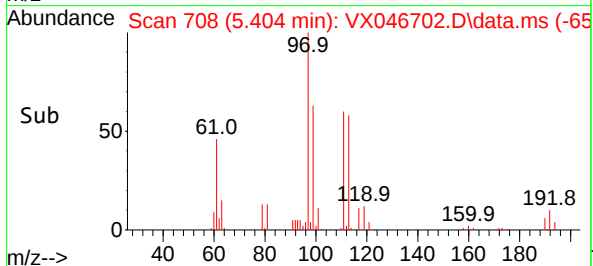
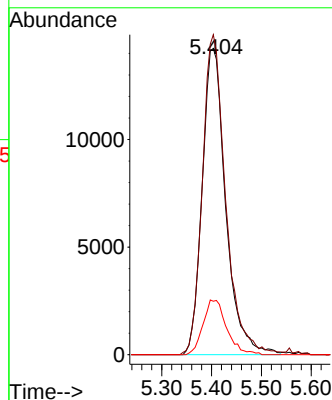
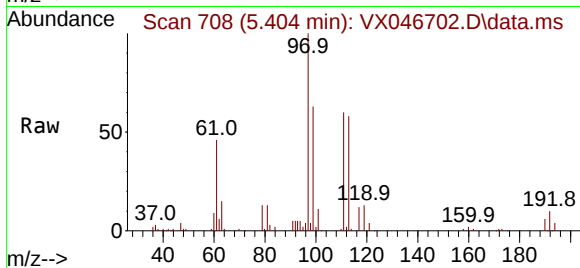
Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.1	124.7
192	17.9	13.3	19.9

Manual Integrations

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Reviewed By :John Carlone 06/16/2025

Supervised By :Mahesh Dadoda 06/16/2025



#36

1,1-Dichloropropene

Concen: 45.560 ug/l

RT: 5.708 min Scan# 758

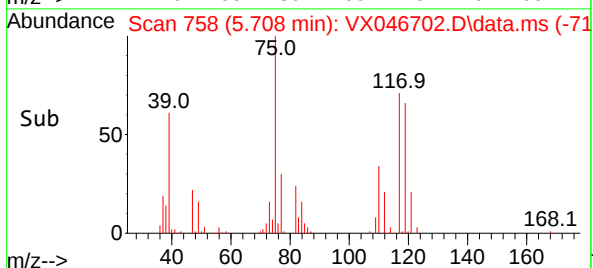
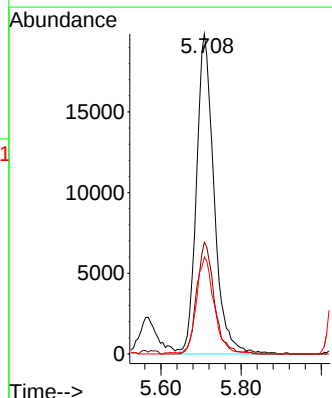
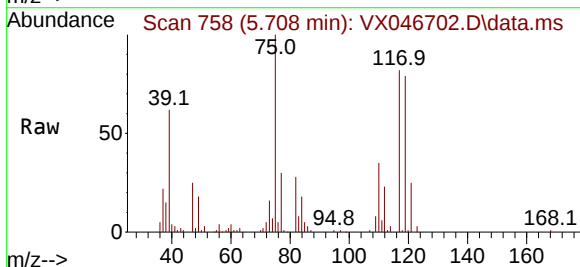
Delta R.T. -0.006 min

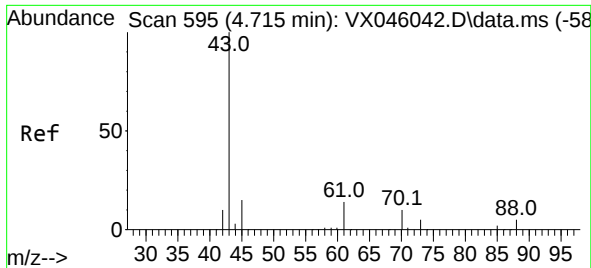
Lab File: VX046702.D

Acq: 13 Jun 2025 19:55

Tgt Ion: 75 Resp: 60260

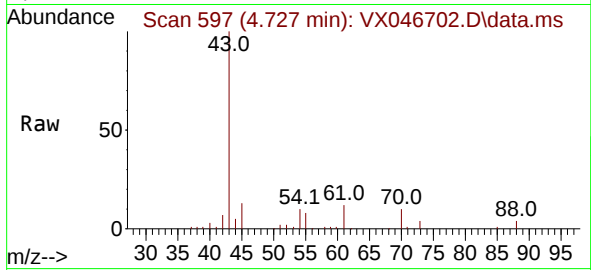
Ion	Ratio	Lower	Upper
75	100		
110	34.6	16.3	48.9
77	30.8	24.3	36.5





#37
Ethyl Acetate
Concen: 55.802 ug/l
RT: 4.727 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

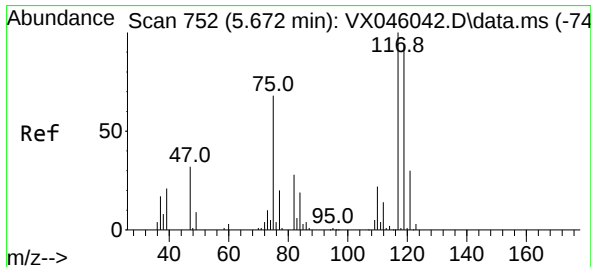
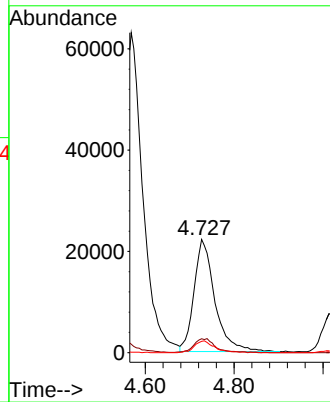
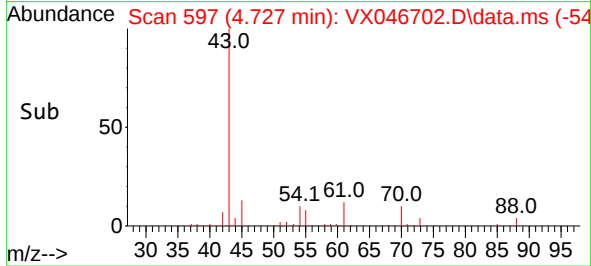
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



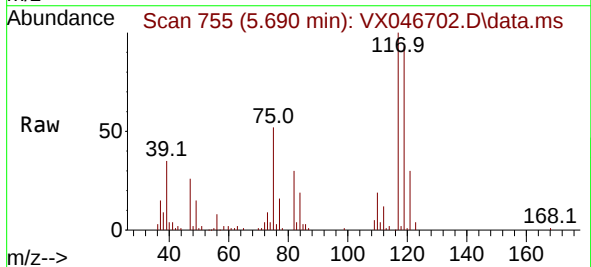
Tgt Ion: 43 Resp: 72034
Ion Ratio Lower Upper
43 100
61 12.9 10.3 15.5
70 10.3 7.9 11.9

Manual Integrations
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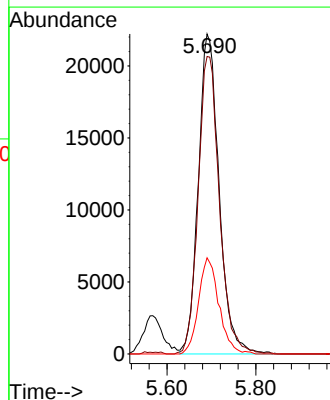
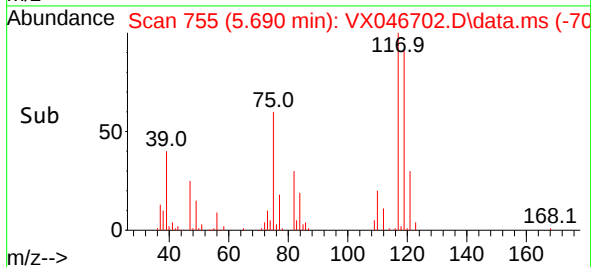
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

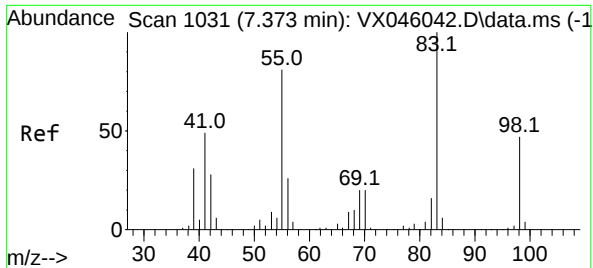


#38
Carbon Tetrachloride
Concen: 48.805 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55



Tgt Ion:117 Resp: 72302
Ion Ratio Lower Upper
117 100
119 92.9 75.2 112.8
121 30.0 24.2 36.4





#39
Methylcyclohexane
Concen: 45.569 ug/l
RT: 7.391 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

Instrument :

MSVOA_X

ClientSampleId :

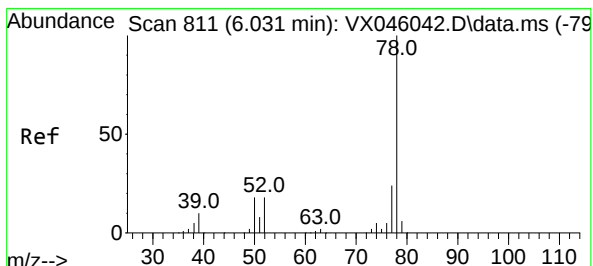
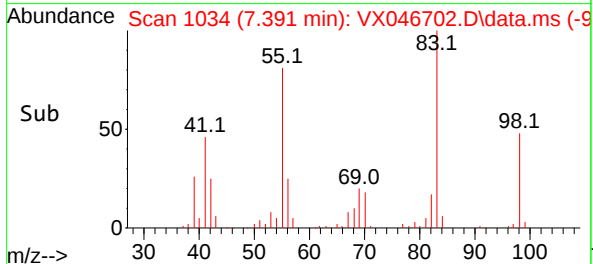
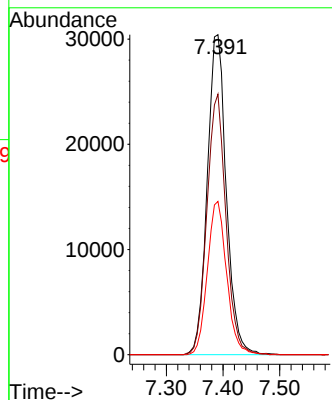
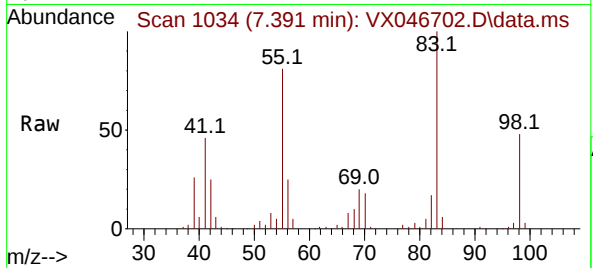
VSTDCCC050EC

Tgt Ion: 83 Resp: 7114
Ion Ratio Lower Upper
83 100
55 81.4 64.7 97.1
98 47.9 37.4 56.2

Manual Integrations

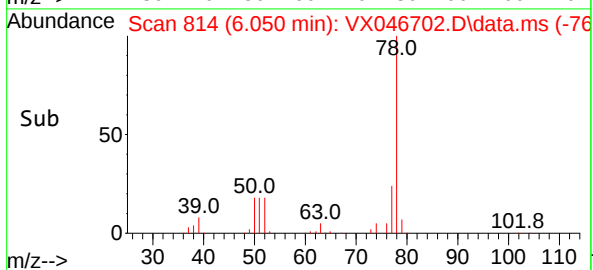
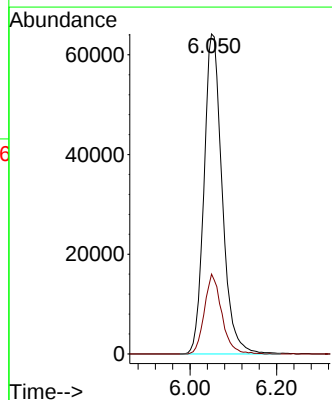
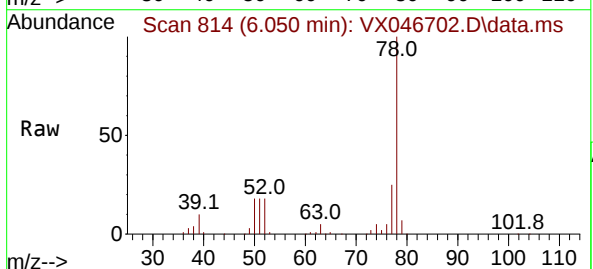
APPROVED

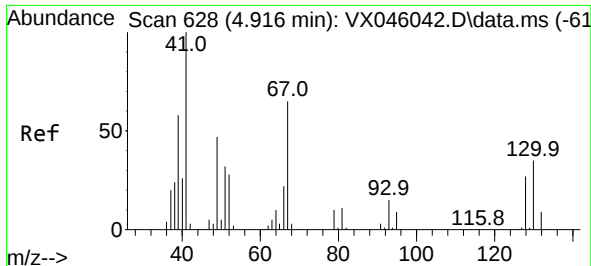
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#40
Benzene
Concen: 50.080 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.006 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

Tgt Ion: 78 Resp: 186470
Ion Ratio Lower Upper
78 100
77 25.0 19.0 28.4





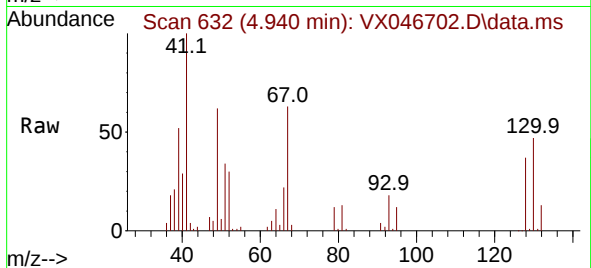
#41
Methacrylonitrile
Concen: 53.668 ug/l
RT: 4.940 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



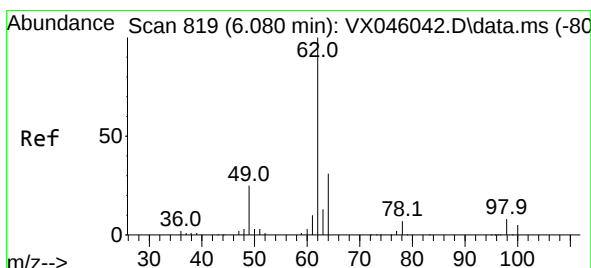
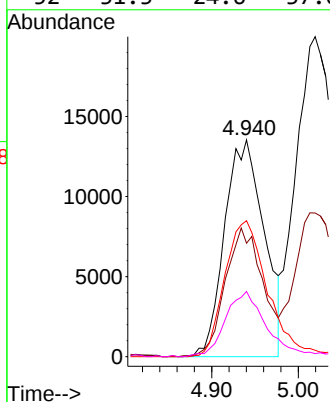
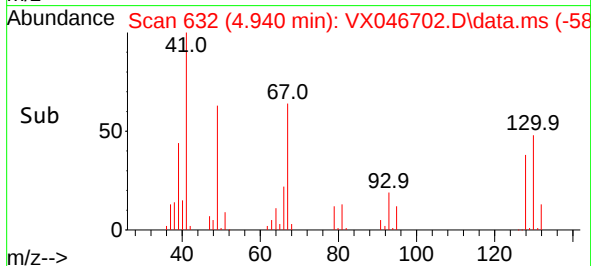
Tgt Ion: 41 Resp: 4302
Ion Ratio Lower Upper
41 100
39 56.6 47.2 70.8
67 67.6 50.7 76.1
52 31.3 24.6 37.0

Manual Integrations

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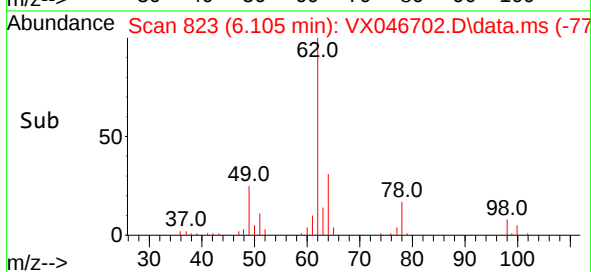
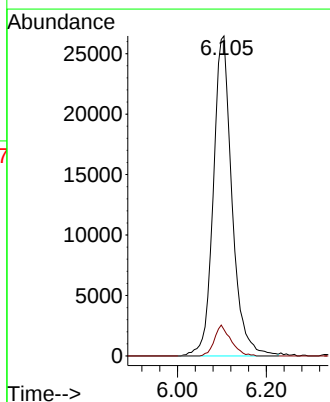
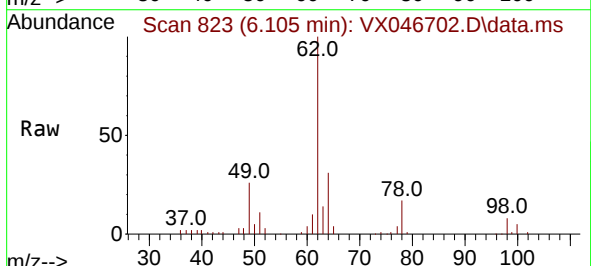
Reviewed By :John Carlone 06/16/2025

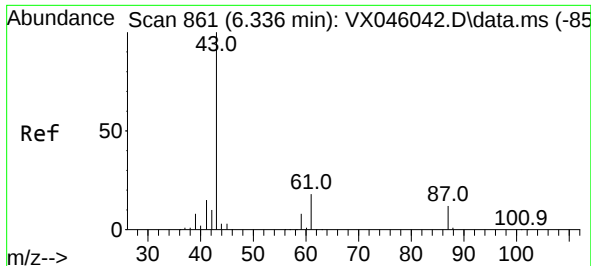
Supervised By :Mahesh Dadoda 06/16/2025



#42
1,2-Dichloroethane
Concen: 49.851 ug/l
RT: 6.105 min Scan# 823
Delta R.T. 0.007 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

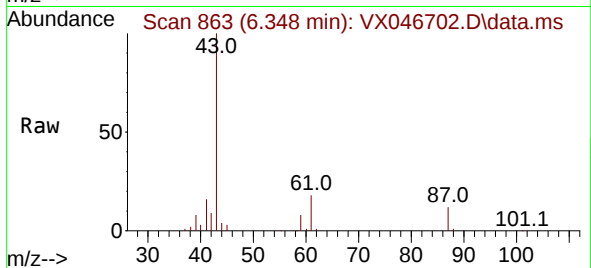
Tgt Ion: 62 Resp: 77222
Ion Ratio Lower Upper
62 100
98 8.5 0.0 15.2





#43
Isopropyl Acetate
Concen: 54.005 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.006 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

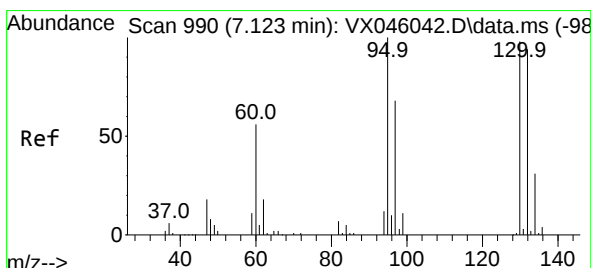
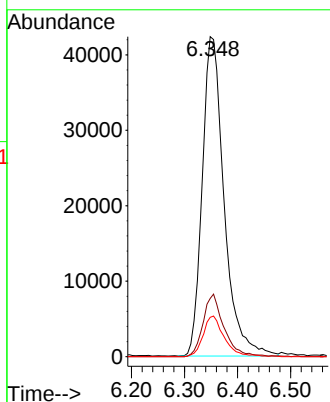
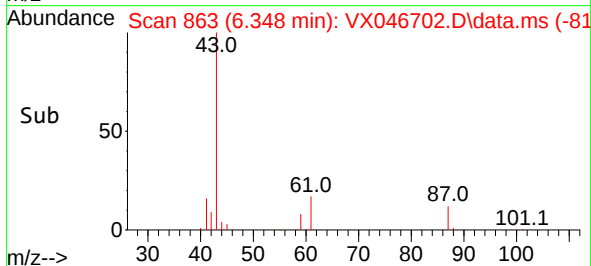
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 12153
Ion Ratio Lower Upper
43 100
61 18.6 14.3 21.5
87 12.3 9.5 14.3

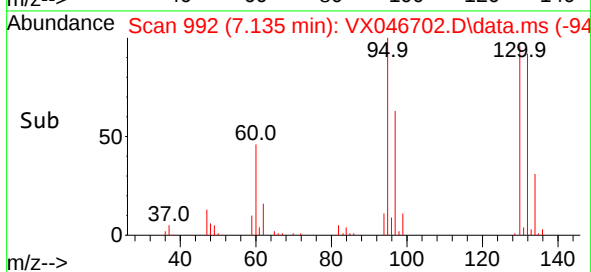
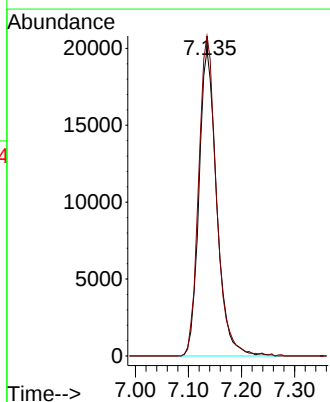
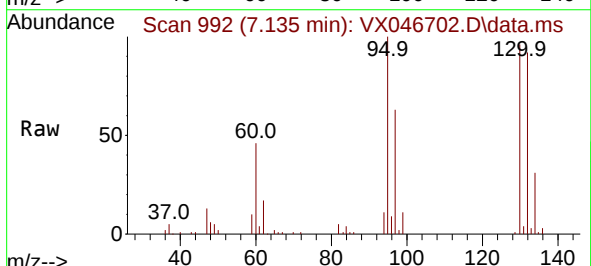
Manual Integrations
APPROVED

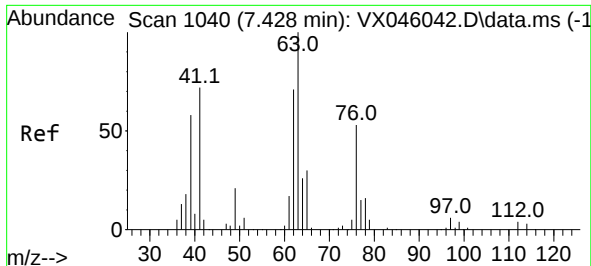
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#44
Trichloroethene
Concen: 49.020 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

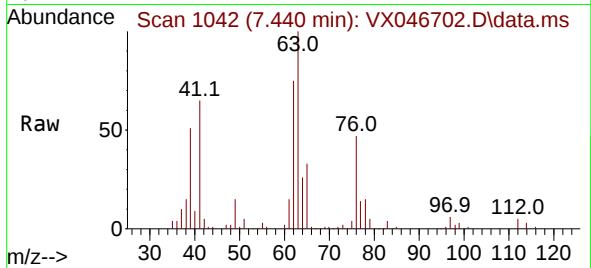
Tgt Ion:130 Resp: 46377
Ion Ratio Lower Upper
130 100
95 104.5 0.0 204.2





#45
1,2-Dichloropropane
Concen: 52.932 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

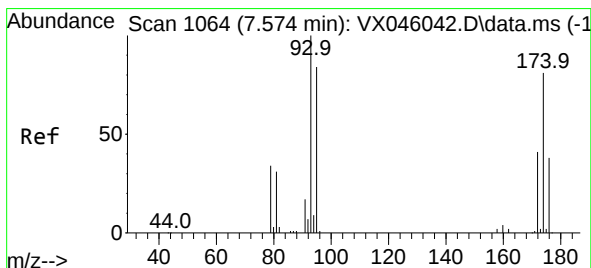
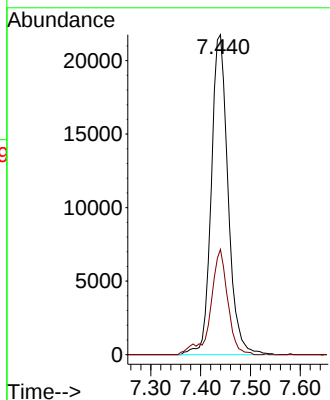
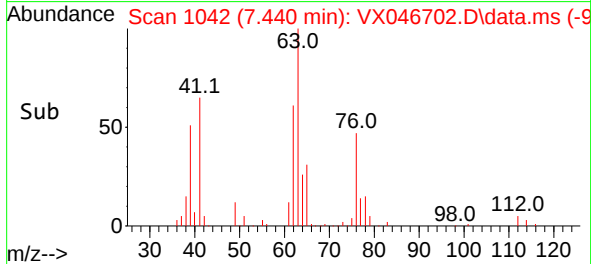
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 50872
Ion Ratio Lower Upper
63 100
65 32.9 24.1 36.1

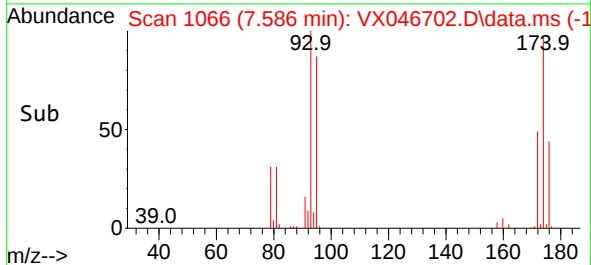
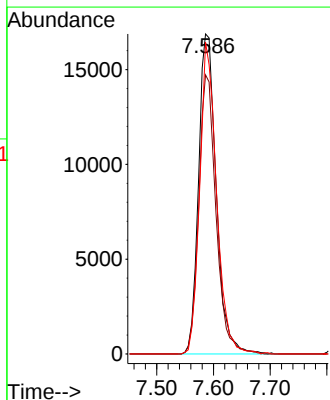
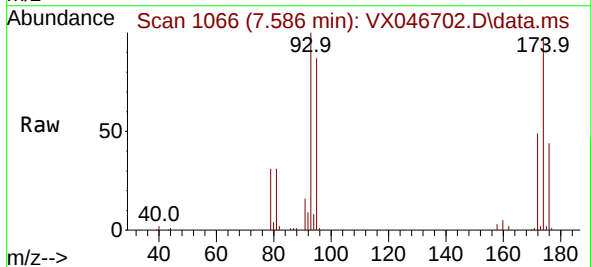
Manual Integrations
APPROVED

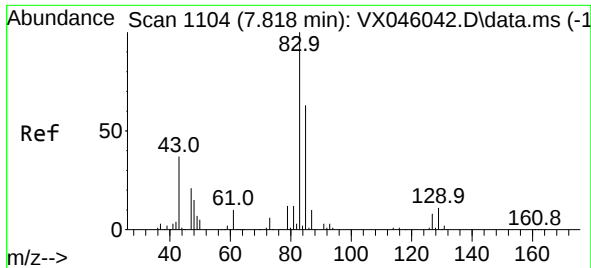
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#46
Dibromomethane
Concen: 50.691 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

Tgt Ion: 93 Resp: 36651
Ion Ratio Lower Upper
93 100
95 85.2 65.6 98.4
174 92.7 68.2 102.2





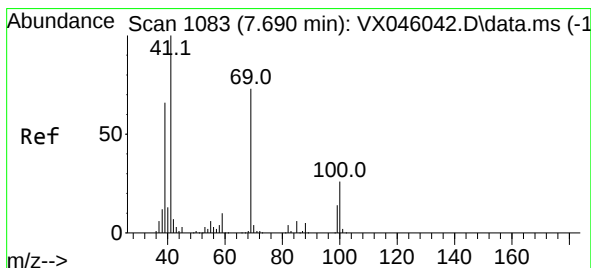
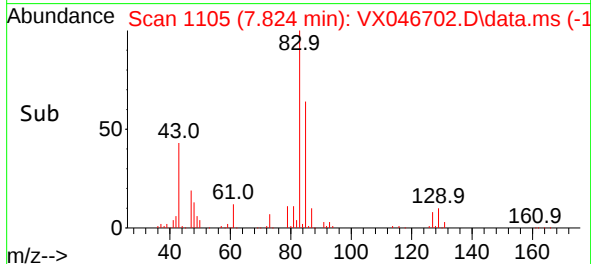
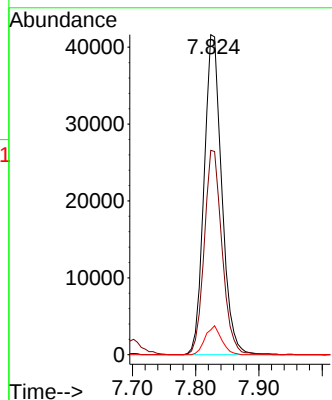
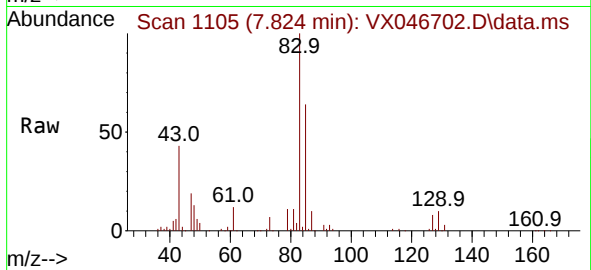
#47
Bromodichloromethane
Concen: 54.441 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 80934
Ion Ratio Lower Upper
83 100
85 63.8 50.5 75.7
127 7.8 6.5 9.7

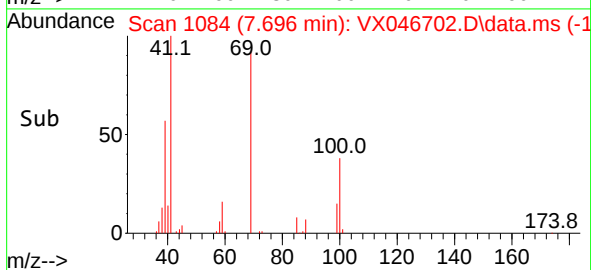
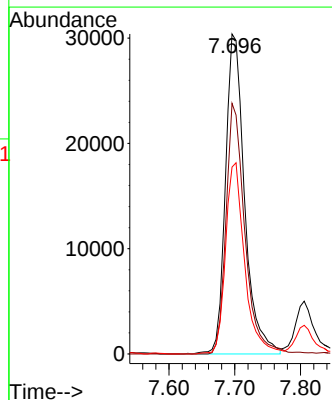
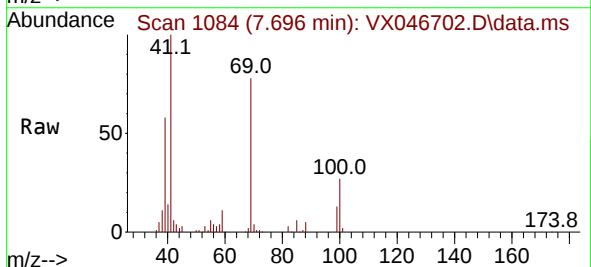
Manual Integrations
APPROVED

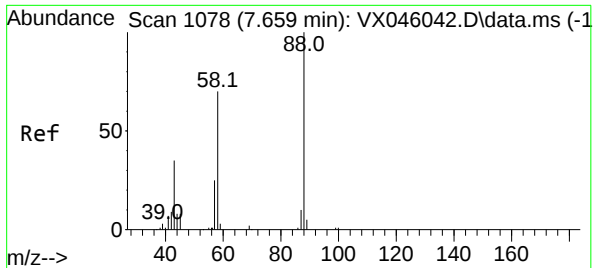
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#48
Methyl methacrylate
Concen: 53.184 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.006 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

Tgt Ion: 41 Resp: 61581
Ion Ratio Lower Upper
41 100
69 77.3 58.5 87.7
39 59.7 51.7 77.5





#49

1,4-Dioxane

Concen: 1121.404 ug/l

RT: 7.665 min Scan# 110

Delta R.T. -0.006 min

Lab File: VX046702.D

Acq: 13 Jun 2025 19:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 17364

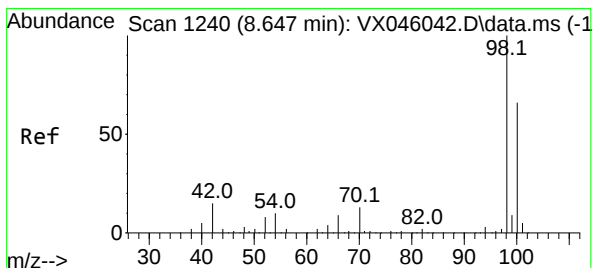
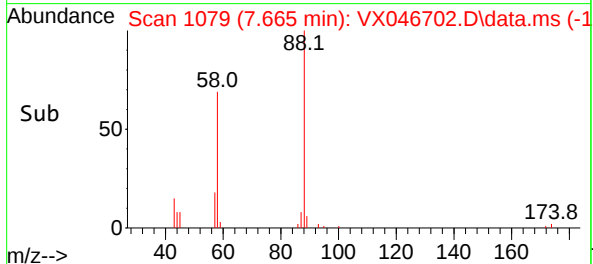
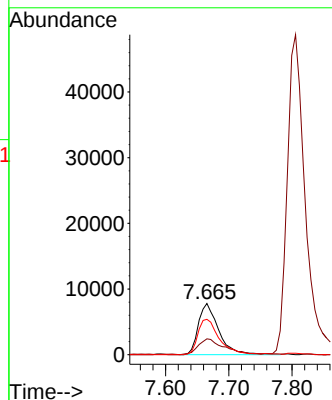
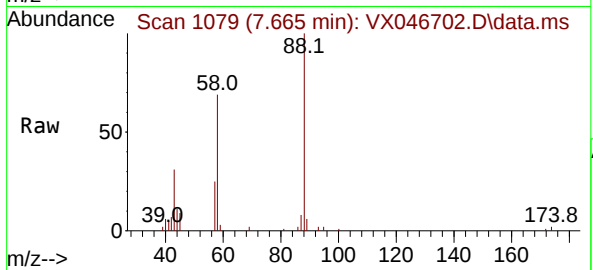
Ion	Ratio	Lower	Upper
88	100		
43	40.1	33.4	50.2
58	73.1	58.6	88.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2025

Supervised By :Mahesh Dadoda 06/16/2025



#50

Toluene-d8

Concen: 49.077 ug/l

RT: 8.653 min Scan# 1241

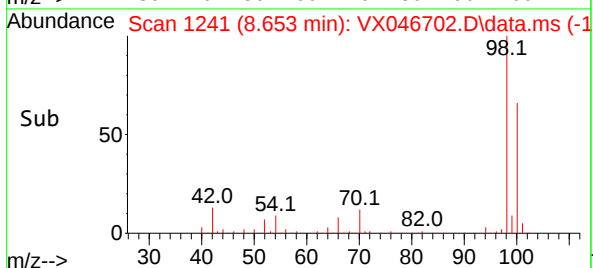
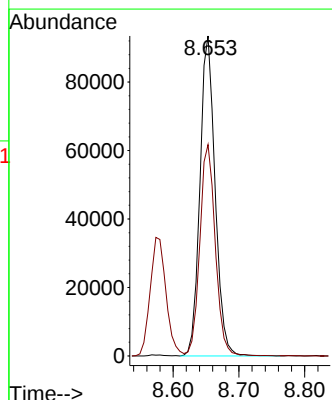
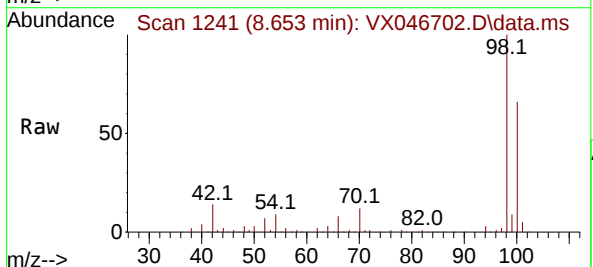
Delta R.T. -0.000 min

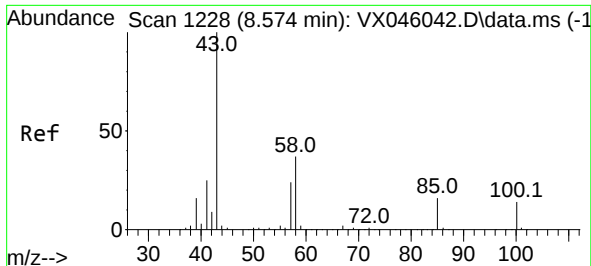
Lab File: VX046702.D

Acq: 13 Jun 2025 19:55

Tgt Ion: 98 Resp: 149819

Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.5	80.3





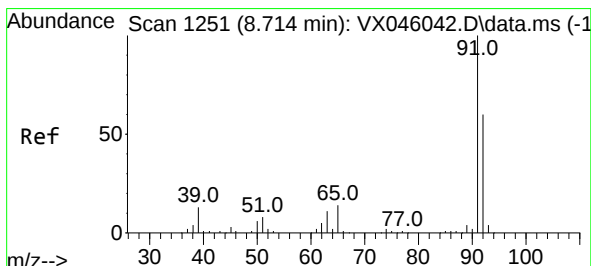
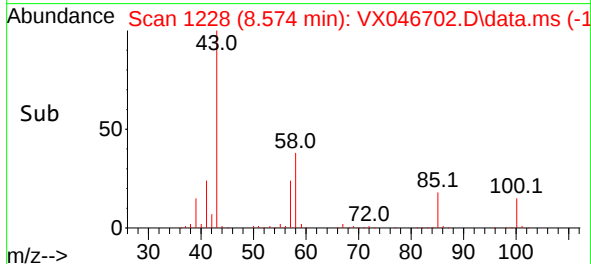
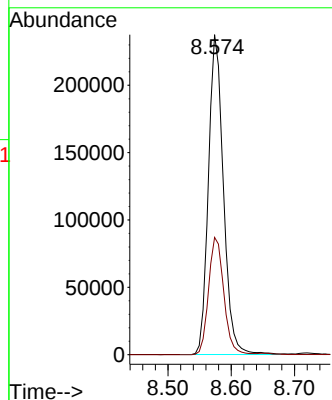
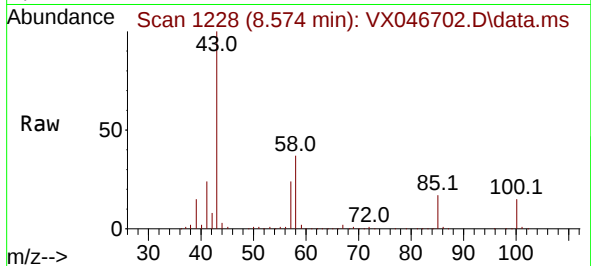
#51
4-Methyl-2-Pentanone
Concen: 274.075 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 391949
Ion Ratio Lower Upper
43 100
58 37.3 28.9 43.3

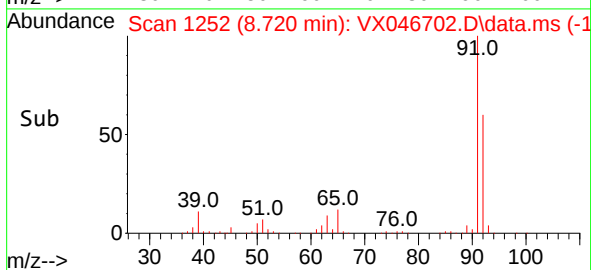
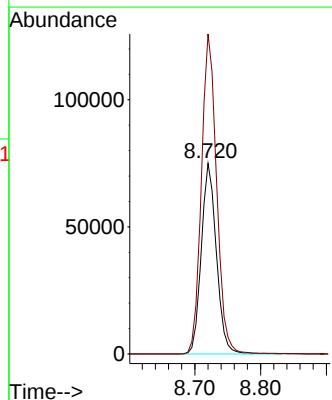
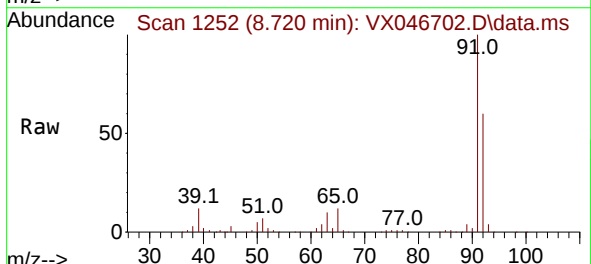
Manual Integrations
APPROVED

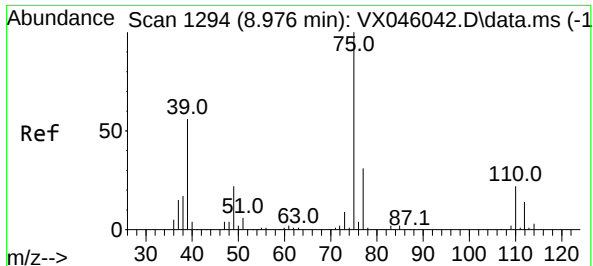
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#52
Toluene
Concen: 52.178 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

Tgt Ion: 92 Resp: 119360
Ion Ratio Lower Upper
92 100
91 169.3 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 53.867 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX046702.D

Acq: 13 Jun 2025 19:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 7180

Ion Ratio Lower Upper

75 100

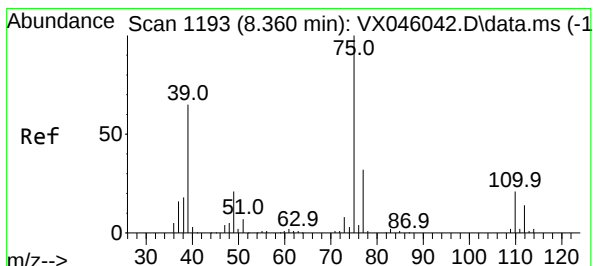
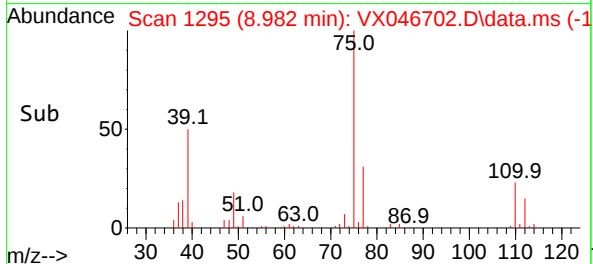
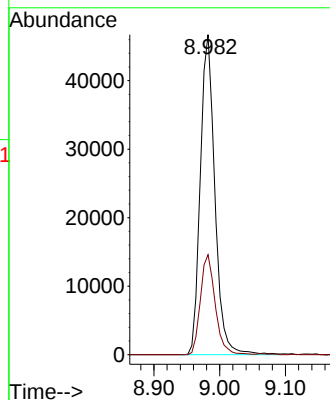
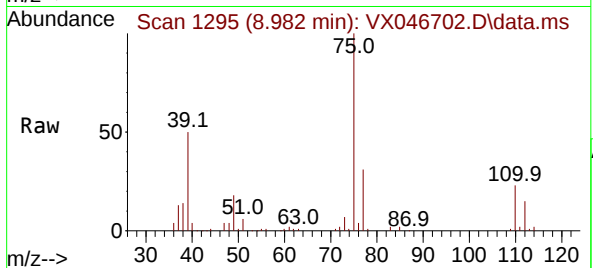
77 31.3 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2025

Supervised By :Mahesh Dadoda 06/16/2025



#54

cis-1,3-Dichloropropene

Concen: 53.190 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX046702.D

Acq: 13 Jun 2025 19:55

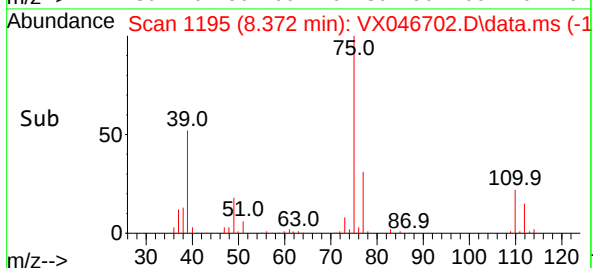
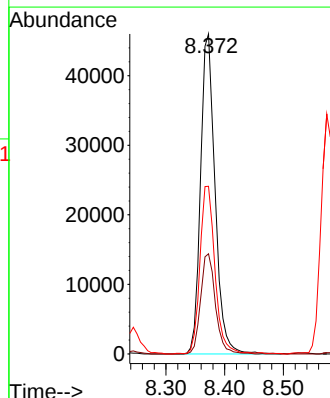
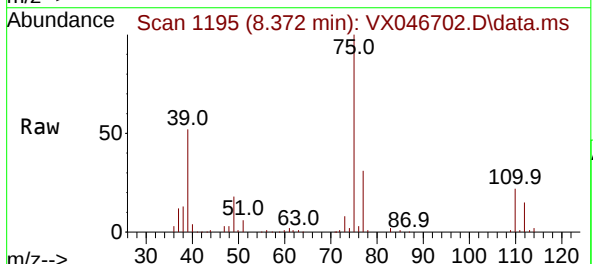
Tgt Ion: 75 Resp: 78829

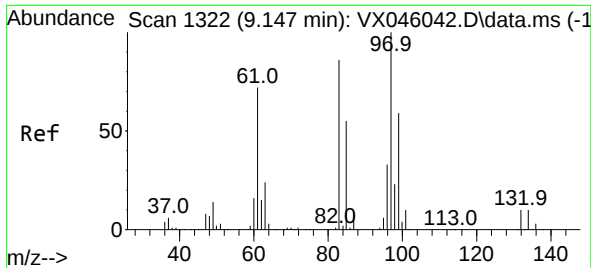
Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.0

39 52.2 52.2 78.4





#55
1,1,2-Trichloroethane
Concen: 54.966 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

Instrument :

MSVOA_X

ClientSampleId :

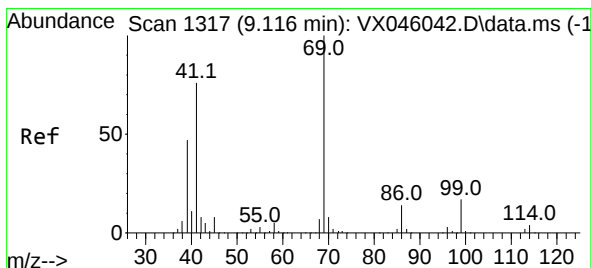
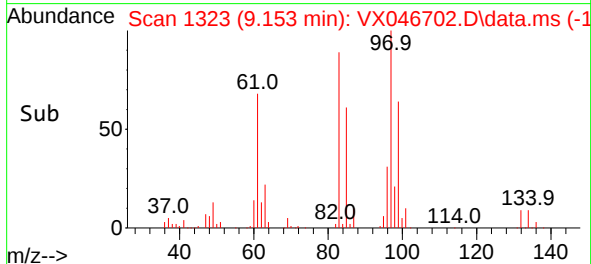
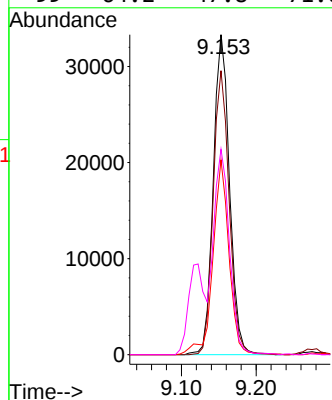
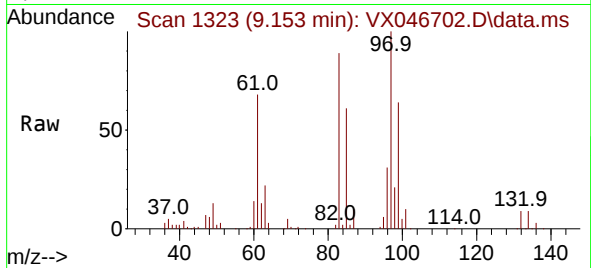
VSTDCCC050EC

Tgt Ion: 97 Resp: 5047
Ion Ratio Lower Upper
97 100
83 88.7 69.0 103.6
85 60.7 44.3 66.5
99 64.2 47.8 71.6

Manual Integrations

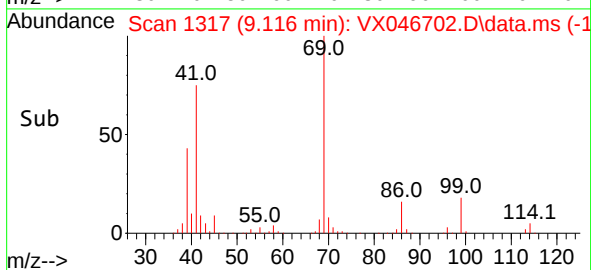
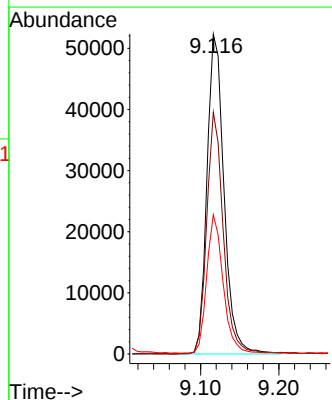
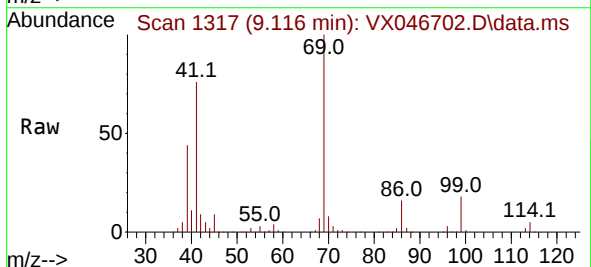
APPROVED

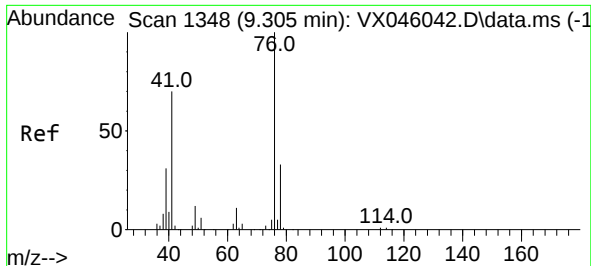
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#56
Ethyl methacrylate
Concen: 55.701 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

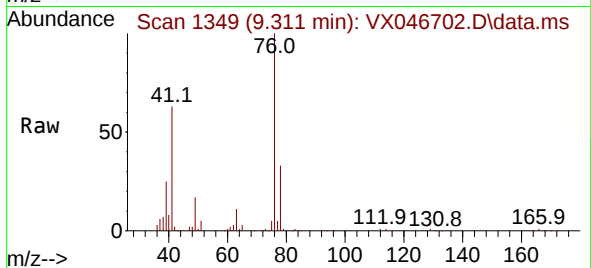
Tgt Ion: 69 Resp: 78716
Ion Ratio Lower Upper
69 100
41 74.0 60.8 91.2
39 41.6 39.0 58.6





#57
1,3-Dichloropropane
Concen: 52.868 ug/l
RT: 9.311 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

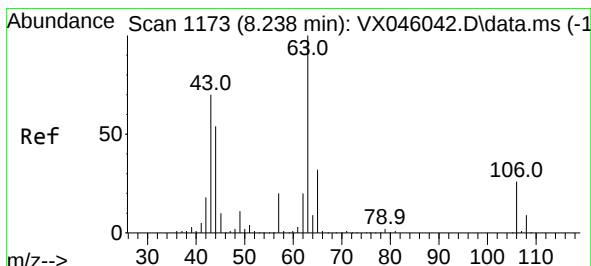
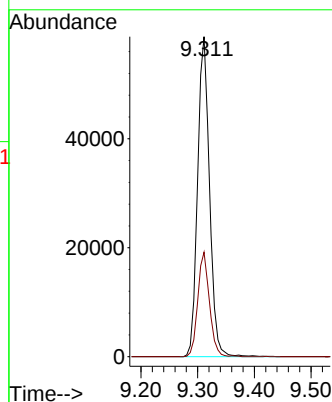
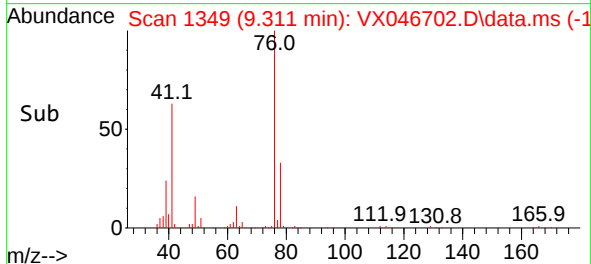
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



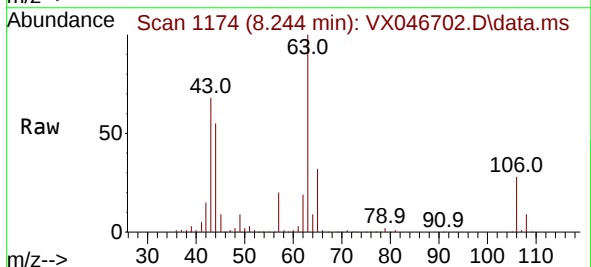
Tgt Ion: 76 Resp: 85798
Ion Ratio Lower Upper
76 100
78 31.9 26.3 39.5

Manual Integrations
APPROVED

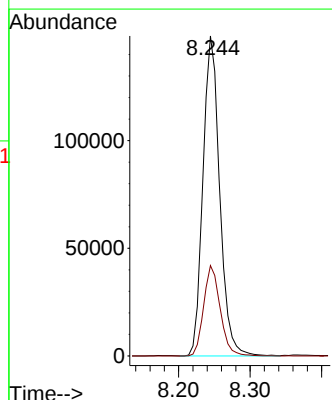
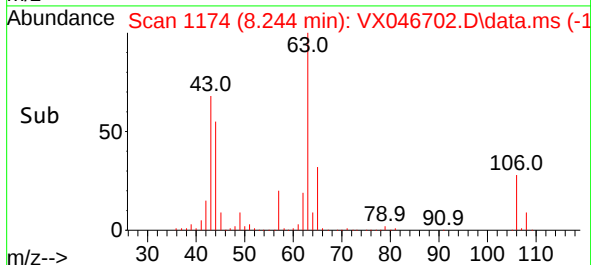
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

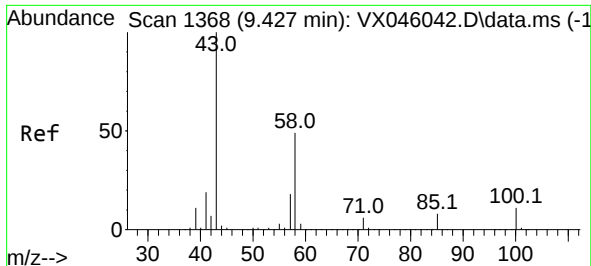


#58
2-Chloroethyl Vinyl ether
Concen: 314.092 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55



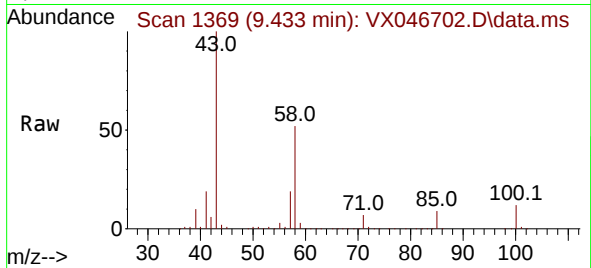
Tgt Ion: 63 Resp: 241772
Ion Ratio Lower Upper
63 100
106 27.9 21.5 32.3





#59
2-Hexanone
Concen: 271.164 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

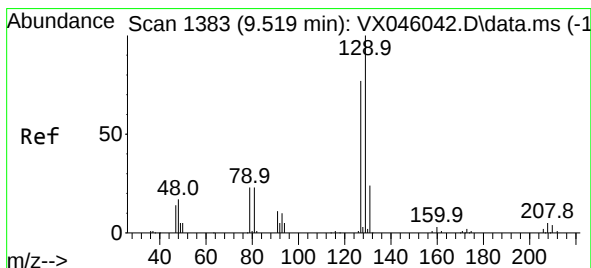
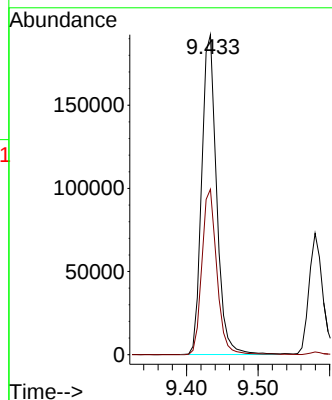
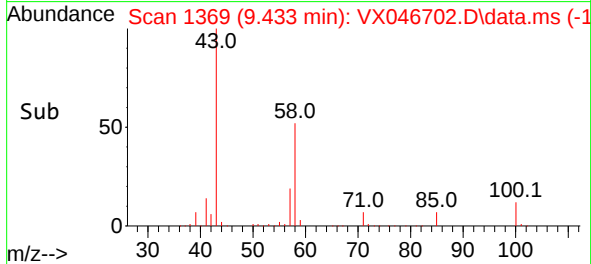
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 27811
Ion Ratio Lower Upper
43 100
58 52.1 24.9 74.6

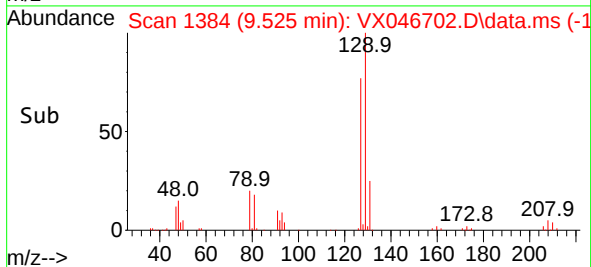
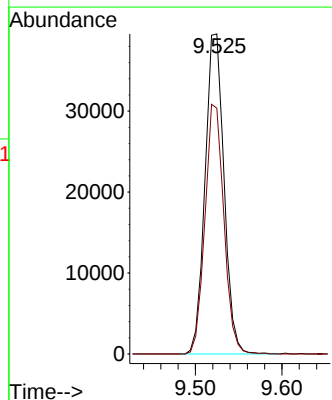
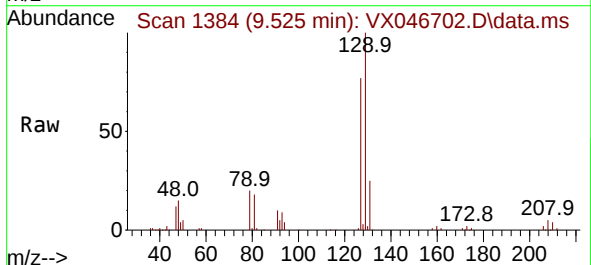
Manual Integrations
APPROVED

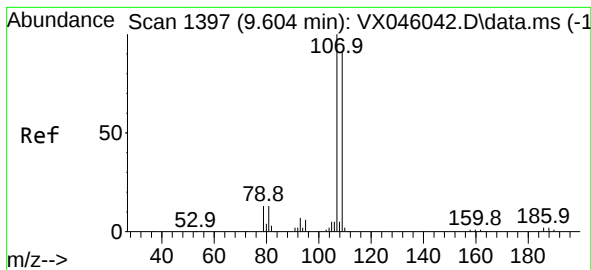
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#60
Dibromochloromethane
Concen: 55.753 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

Tgt Ion:129 Resp: 60224
Ion Ratio Lower Upper
129 100
127 77.6 39.3 117.8





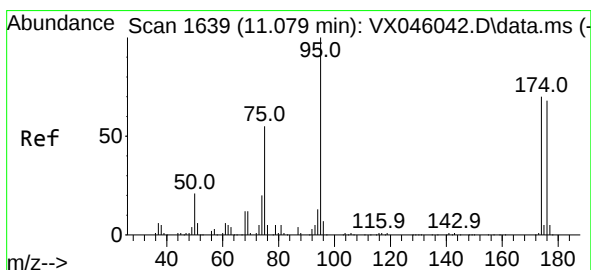
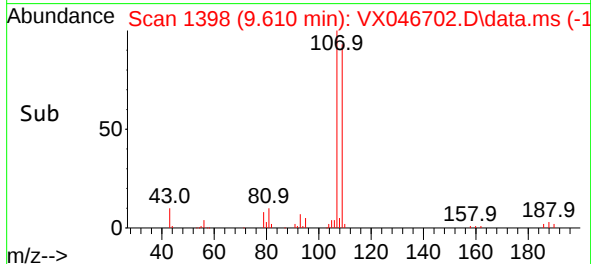
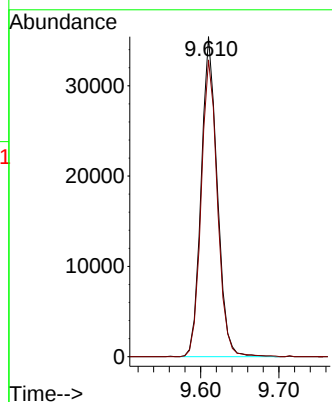
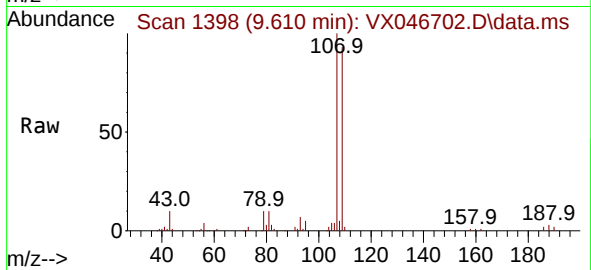
#61
1,2-Dibromoethane
Concen: 52.777 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 5050
Ion Ratio Lower Upper
107 100
109 93.8 73.3 109.9

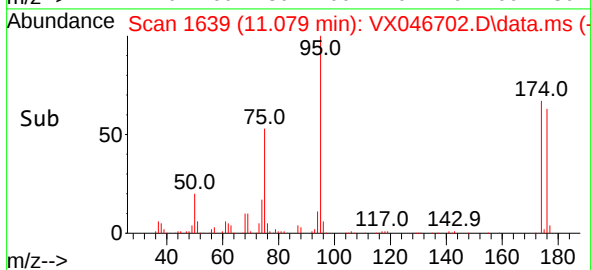
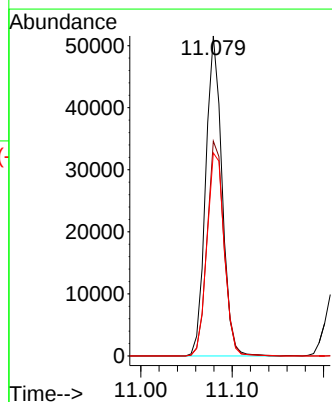
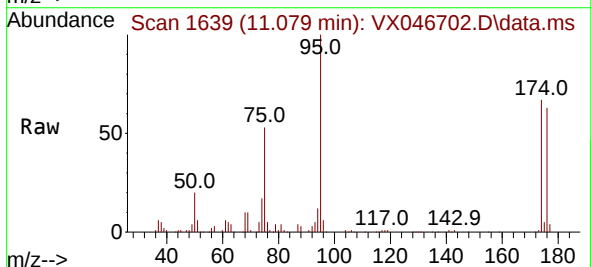
Manual Integrations
APPROVED

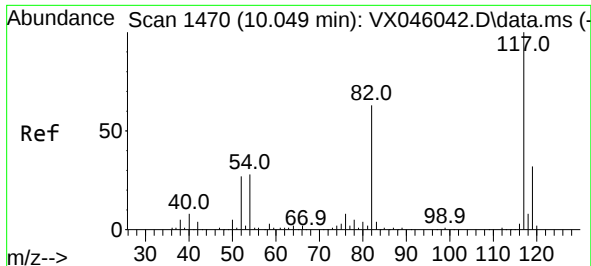
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#62
4-Bromofluorobenzene
Concen: 50.570 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

Tgt Ion: 95 Resp: 63872
Ion Ratio Lower Upper
95 100
174 69.2 0.0 135.8
176 67.4 0.0 131.4





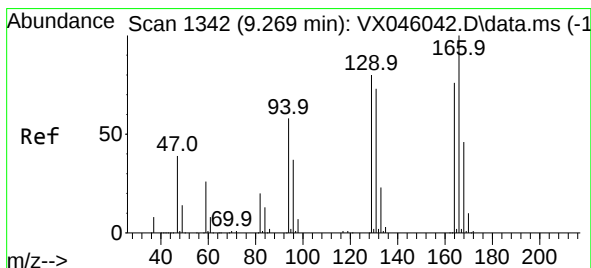
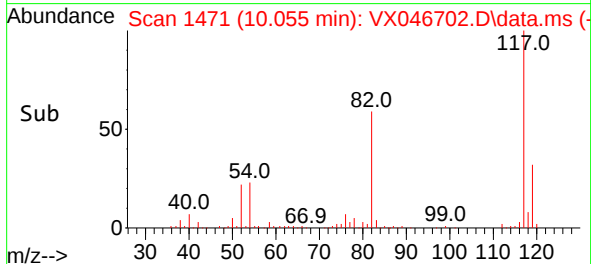
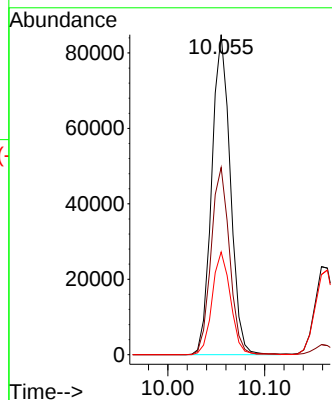
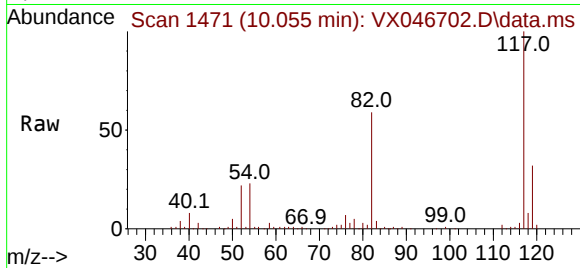
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 11333
Ion Ratio Lower Upper
117 100
82 58.5 50.6 76.0
119 32.1 25.8 38.6

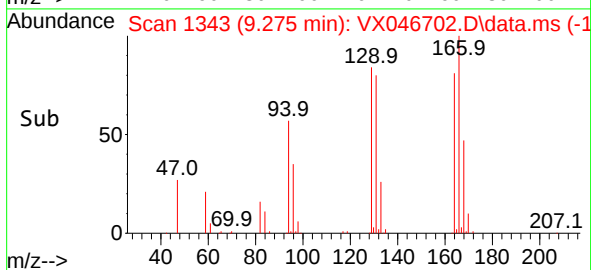
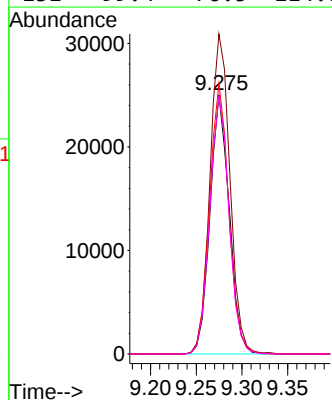
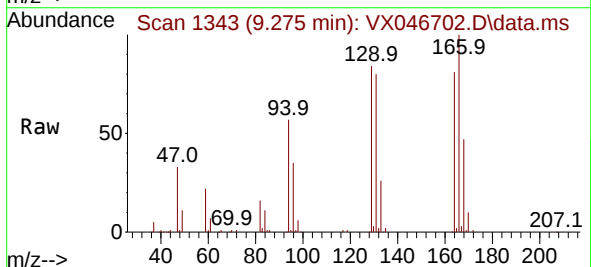
Manual Integrations
APPROVED

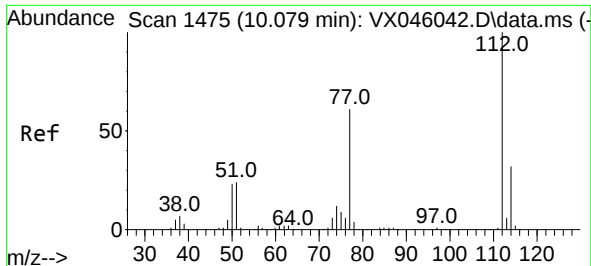
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#64
Tetrachloroethene
Concen: 48.056 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

Tgt Ion:164 Resp: 36421
Ion Ratio Lower Upper
164 100
166 123.5 105.0 157.6
129 104.3 83.5 125.3
131 99.4 76.5 114.7





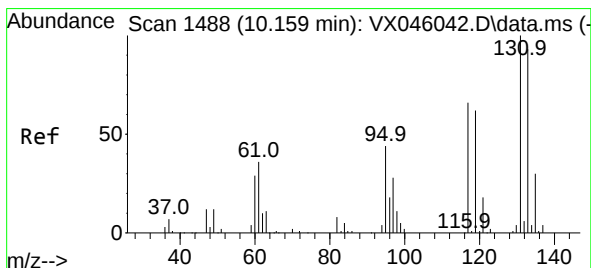
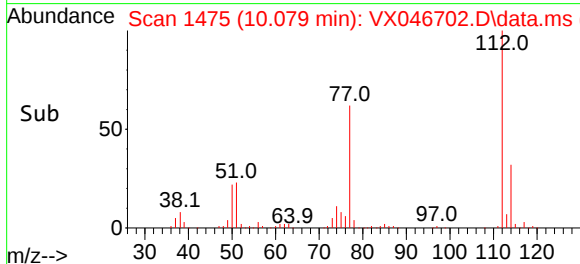
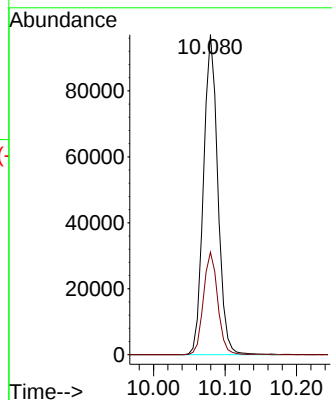
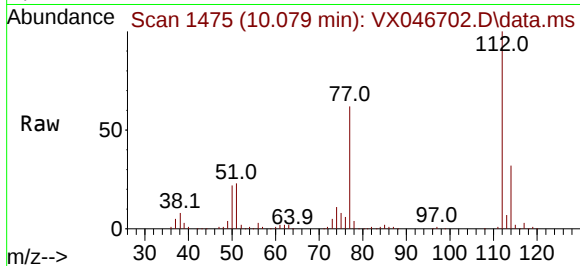
#65
Chlorobenzene
Concen: 50.538 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 13471
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2

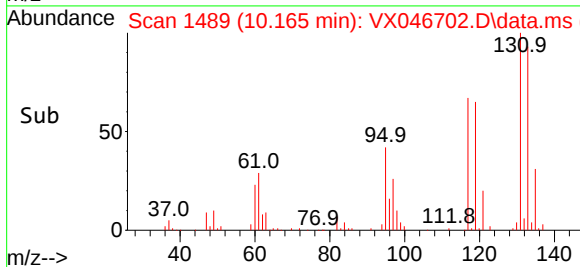
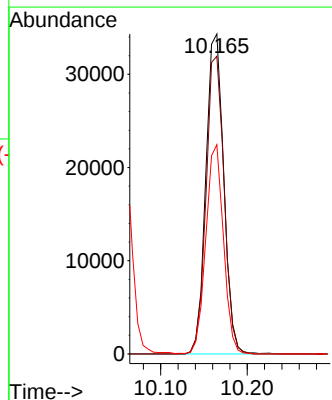
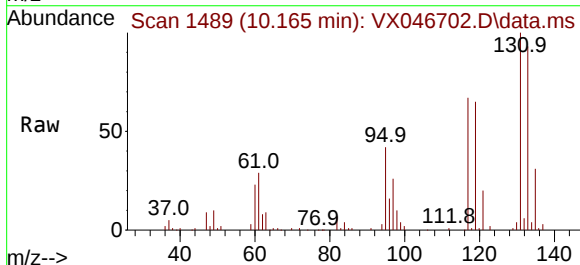
Manual Integrations
APPROVED

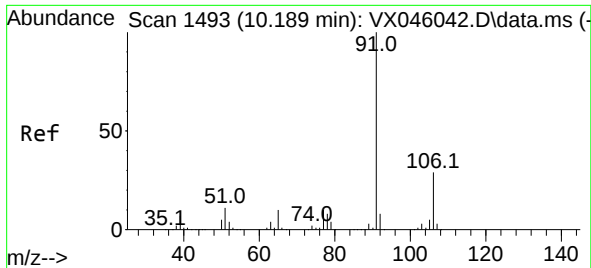
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 54.675 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

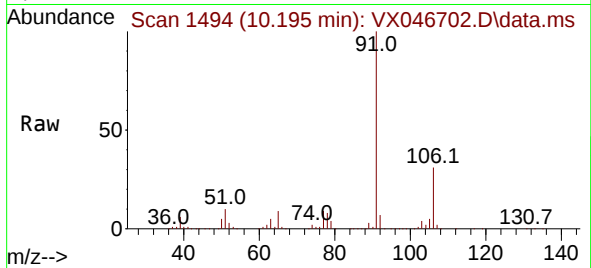
Tgt Ion:131 Resp: 49248
Ion Ratio Lower Upper
131 100
133 93.6 47.3 141.9
119 64.5 31.6 95.0





#67
Ethyl Benzene
Concen: 50.423 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

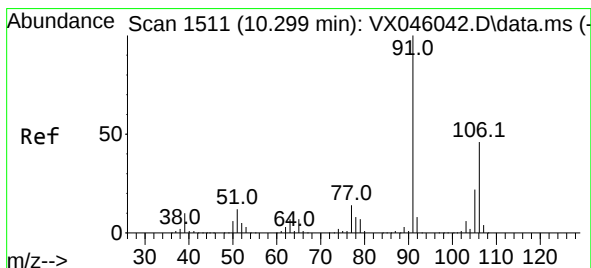
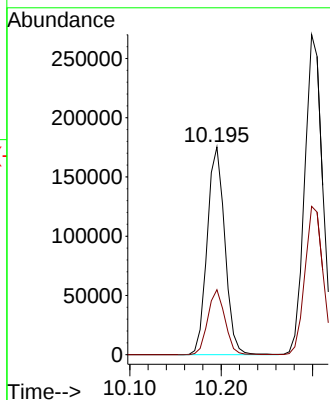
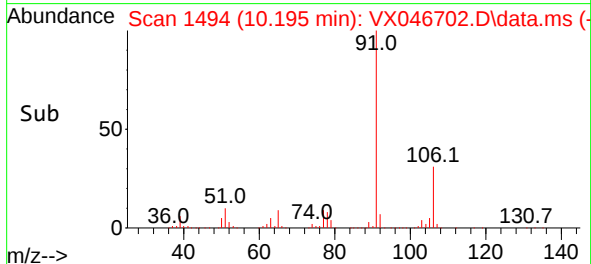
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 234638
Ion Ratio Lower Upper
91 100
106 31.3 23.4 35.2

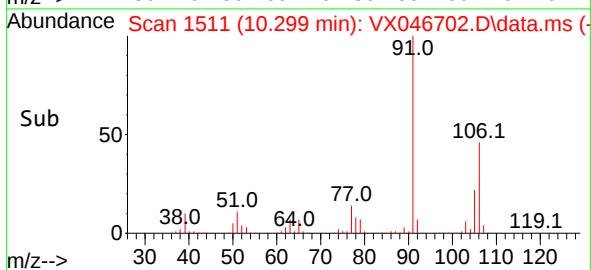
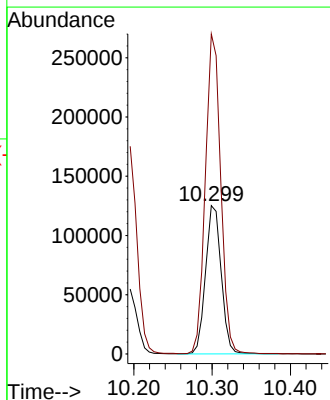
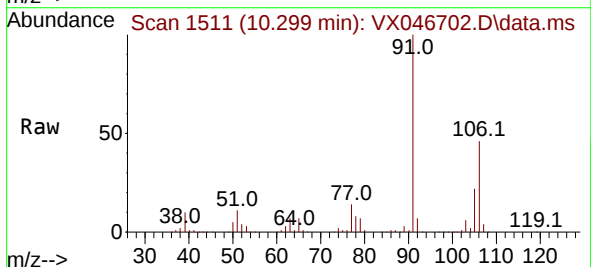
Manual Integrations
APPROVED

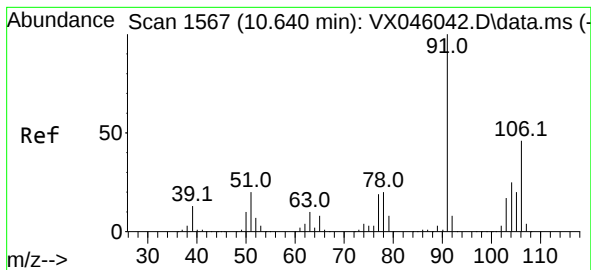
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#68
m/p-Xylenes
Concen: 102.564 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

Tgt Ion:106 Resp: 173130
Ion Ratio Lower Upper
106 100
91 212.9 171.2 256.8





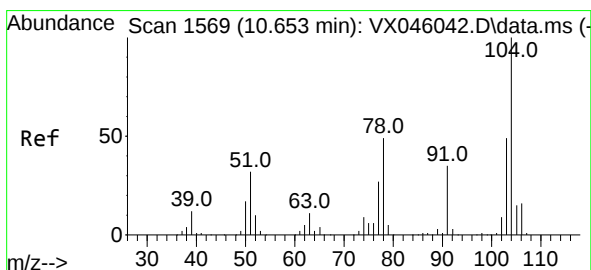
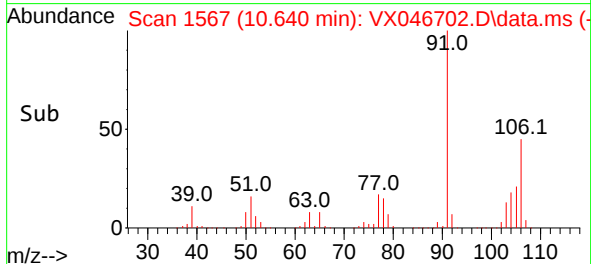
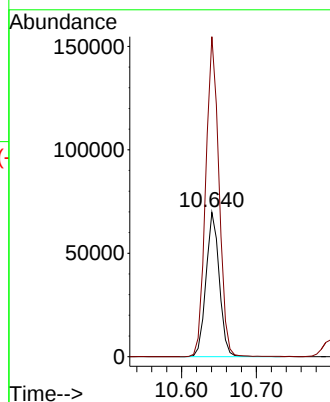
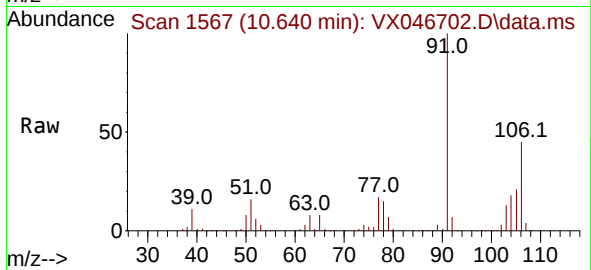
#69
o-Xylene
Concen: 52.508 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 85733
Ion Ratio Lower Upper
106 100
91 222.4 112.7 338.1

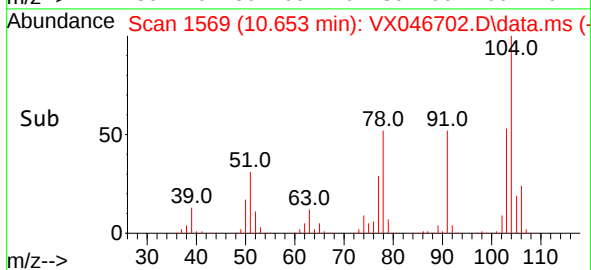
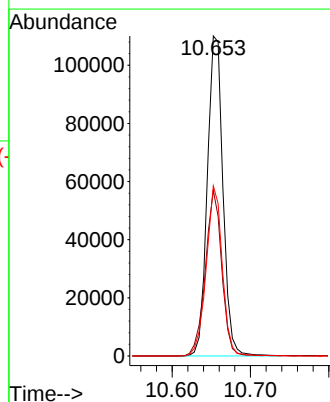
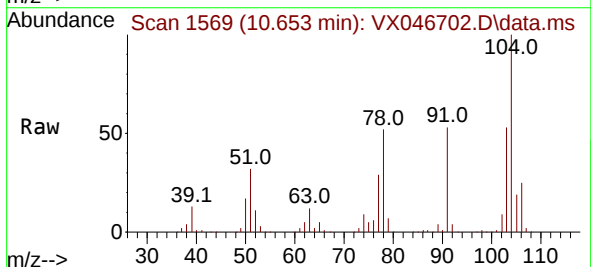
Manual Integrations
APPROVED

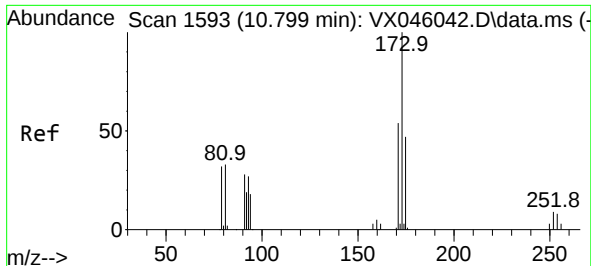
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#70
Styrene
Concen: 54.568 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.005 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

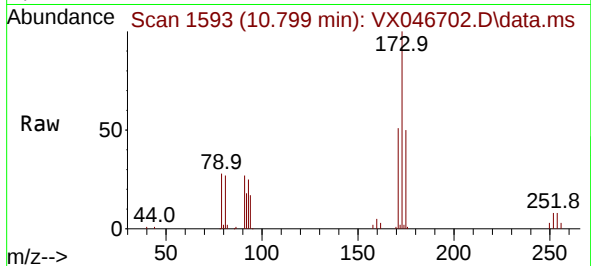
Tgt Ion:104 Resp: 152512
Ion Ratio Lower Upper
104 100
78 54.2 45.7 68.5
103 54.5 43.7 65.5





#71
Bromoform
Concen: 56.497 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

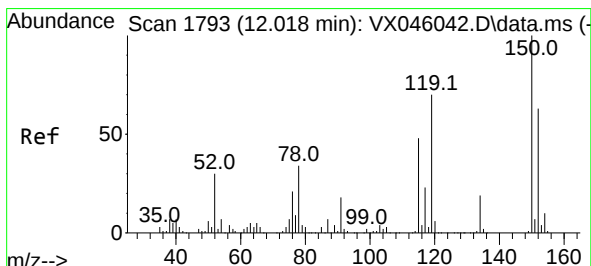
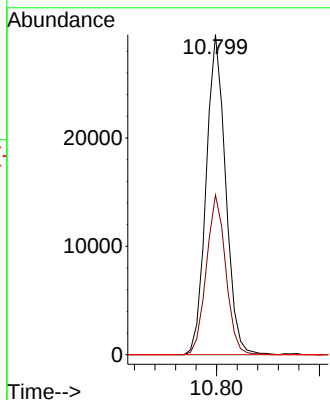
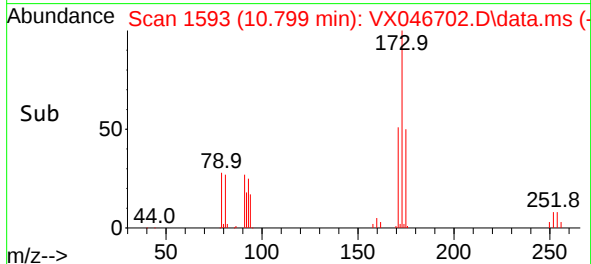
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 3880
Ion Ratio Lower Upper
173 100
175 49.8 23.4 70.0
254 0.0 0.0 0.0

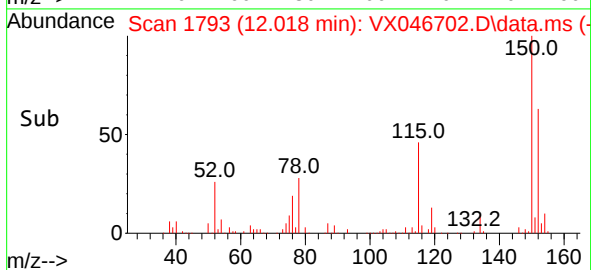
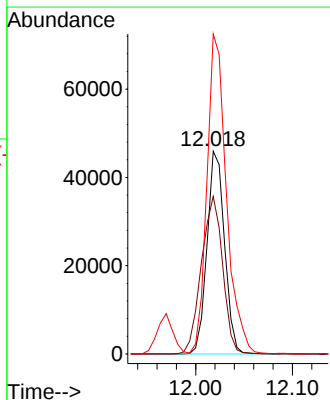
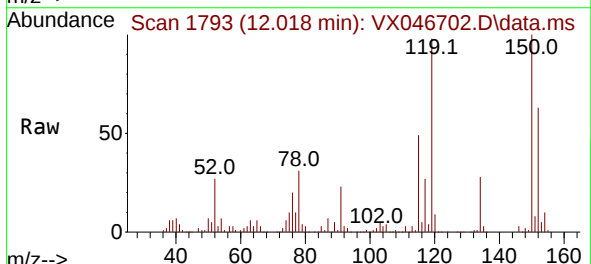
Manual Integrations
APPROVED

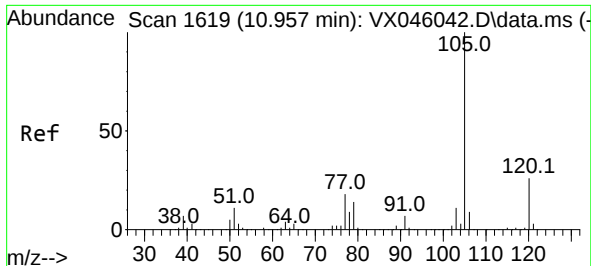
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

Tgt Ion:152 Resp: 57870
Ion Ratio Lower Upper
152 100
115 94.1 46.9 140.7
150 174.9 0.0 351.0





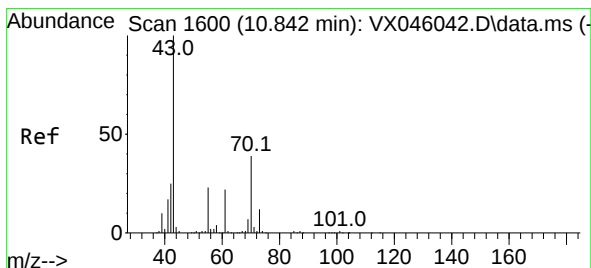
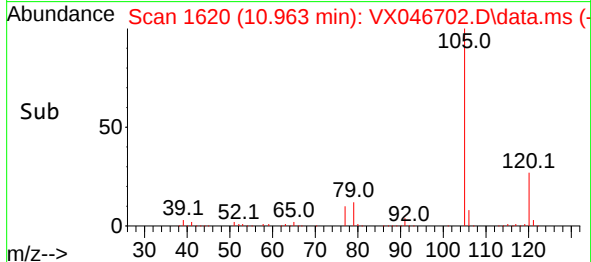
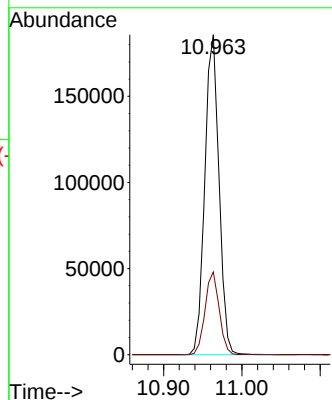
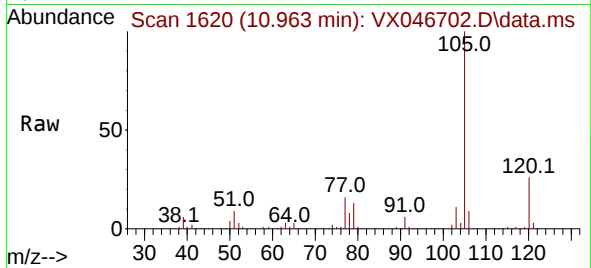
#73
Isopropylbenzene
Concen: 51.237 ug/l
RT: 10.963 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 233085
Ion Ratio Lower Upper
105 100
120 25.7 12.8 38.4

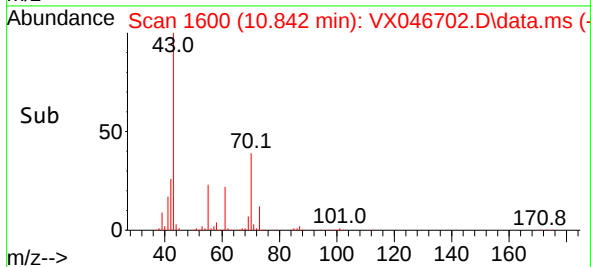
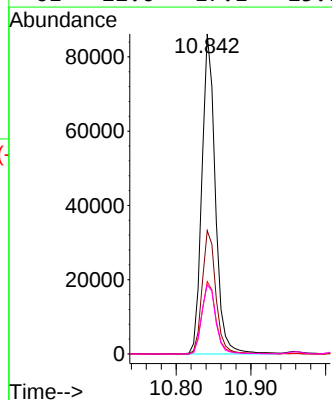
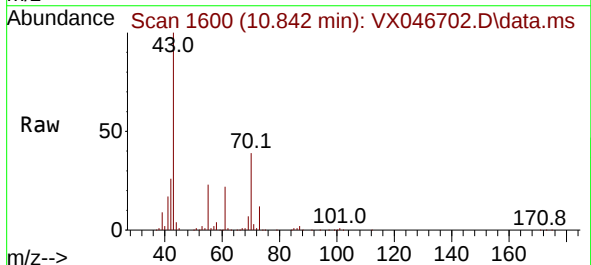
Manual Integrations
APPROVED

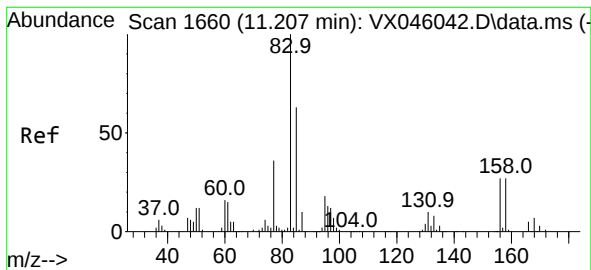
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#74
N-ethyl acetate
Concen: 53.727 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

Tgt Ion: 43 Resp: 107634
Ion Ratio Lower Upper
43 100
70 39.3 30.9 46.3
55 23.7 18.7 28.1
61 22.6 17.1 25.7





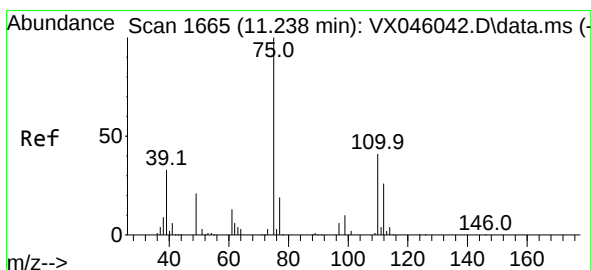
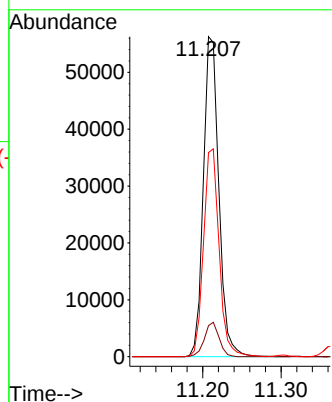
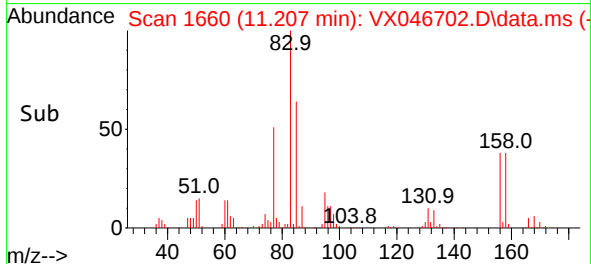
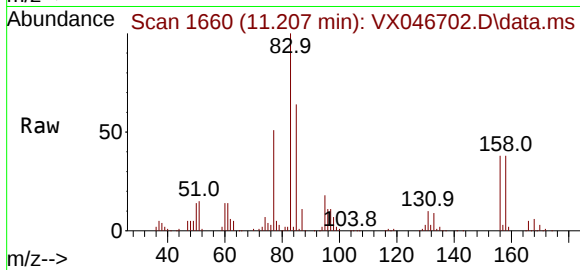
#75
1,1,2,2-Tetrachloroethane
Concen: 52.957 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 77112
Ion Ratio Lower Upper
83 100
131 10.2 5.0 14.9
85 65.4 31.9 95.7

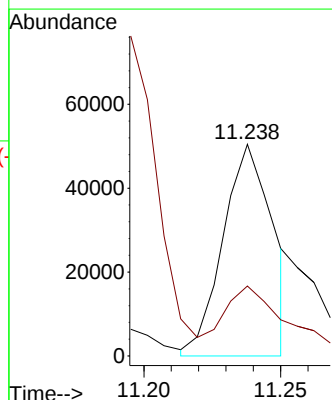
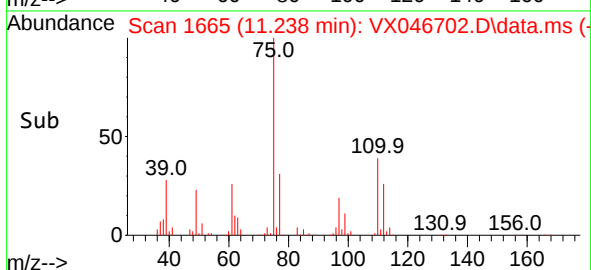
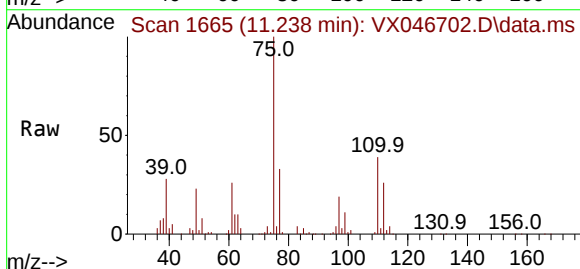
Manual Integrations
APPROVED

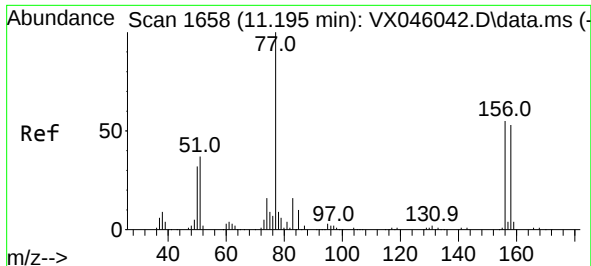
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#76
1,2,3-Trichloropropane
Concen: 52.062 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

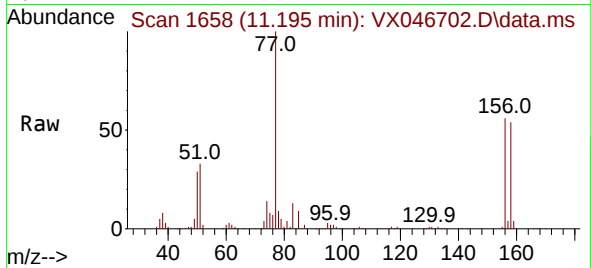
Tgt Ion: 75 Resp: 63816
Ion Ratio Lower Upper
75 100
77 43.0 20.5 61.5





#77
Bromobenzene
Concen: 52.552 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

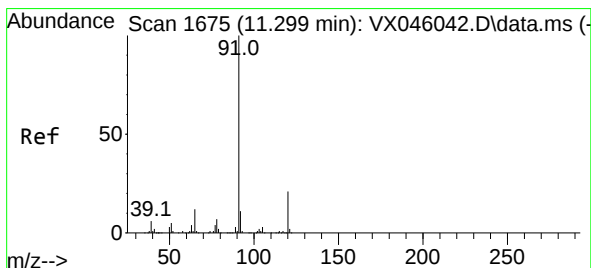
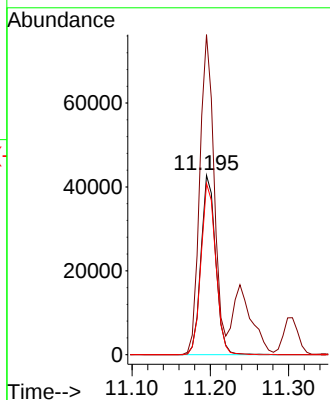
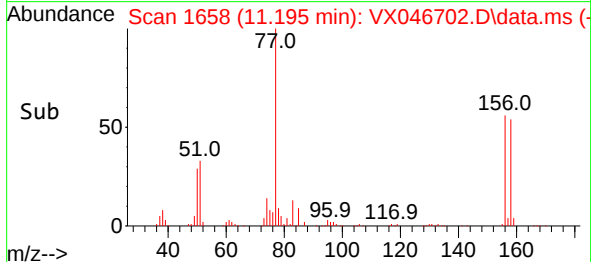
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



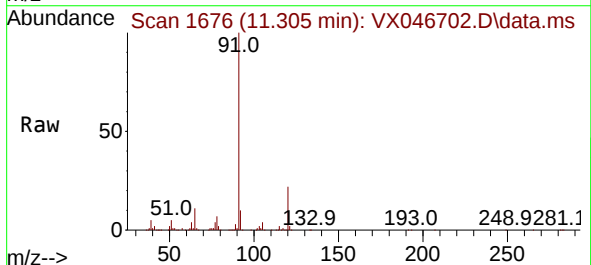
Tgt Ion:156 Resp: 55490
Ion Ratio Lower Upper
156 100
77 174.9 92.8 278.3
158 96.1 48.8 146.3

Manual Integrations
APPROVED

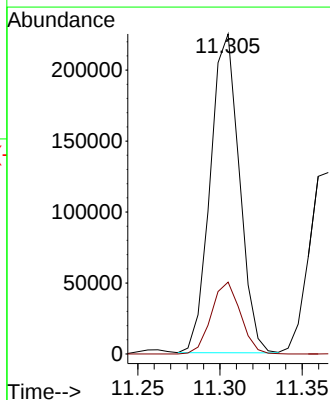
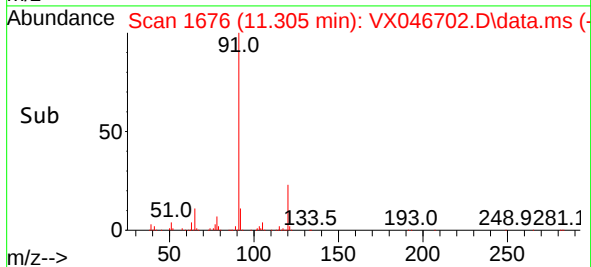
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

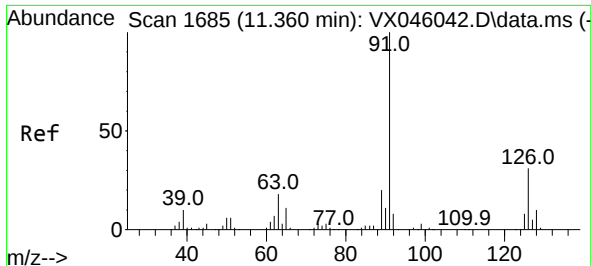


#78
n-propylbenzene
Concen: 50.285 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55



Tgt Ion: 91 Resp: 276875
Ion Ratio Lower Upper
91 100
120 22.6 10.8 32.4





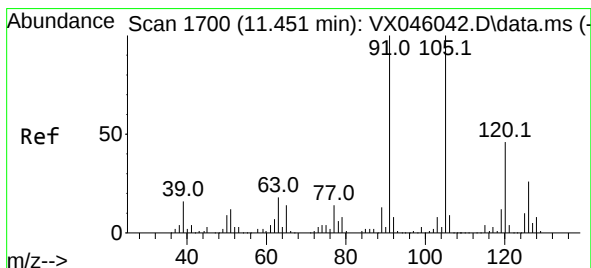
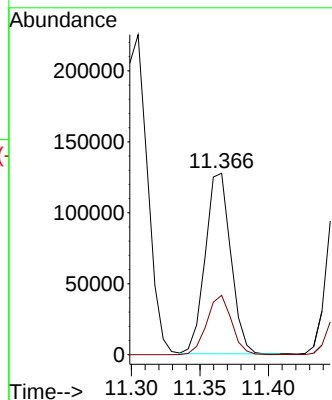
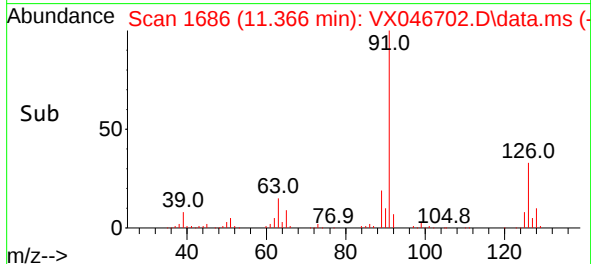
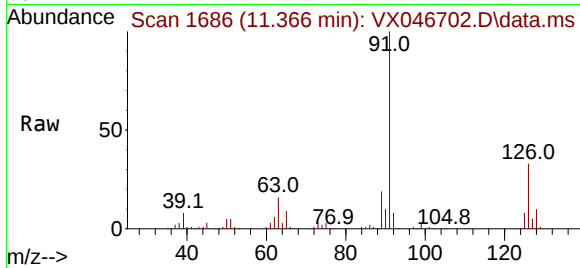
#79
2-Chlorotoluene
Concen: 49.627 ug/l
RT: 11.366 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 164779
Ion Ratio Lower Upper
91 100
126 32.0 15.6 46.7

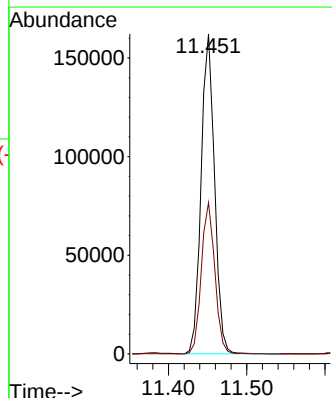
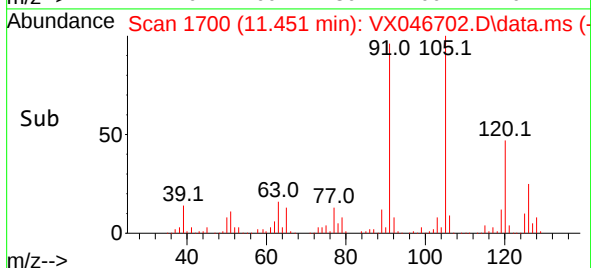
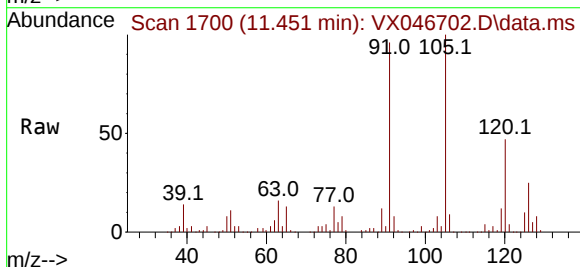
Manual Integrations
APPROVED

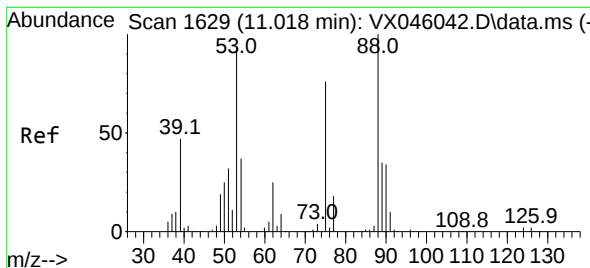
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#80
1,3,5-Trimethylbenzene
Concen: 51.006 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

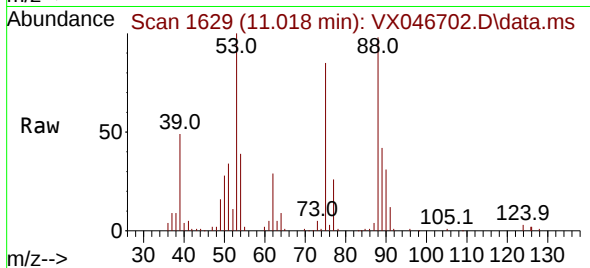
Tgt Ion:105 Resp: 193353
Ion Ratio Lower Upper
105 100
120 47.7 23.1 69.2





#81
trans-1,4-Dichloro-2-butene
Concen: 50.218 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

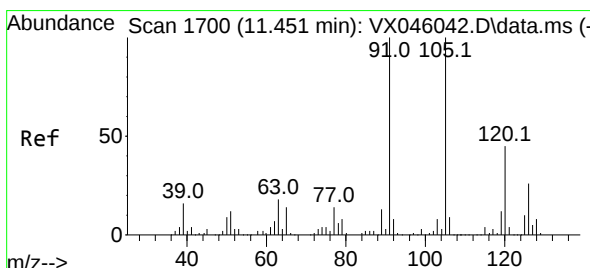
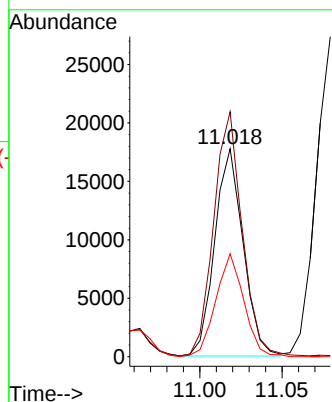
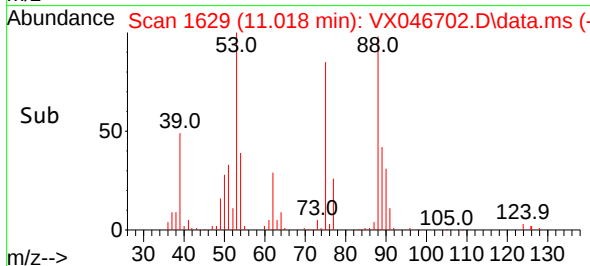
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



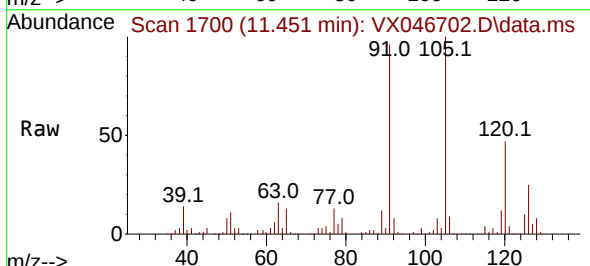
Tgt Ion: 75 Resp: 21339
Ion Ratio Lower Upper
75 100
53 117.6 100.5 150.7
89 48.9 37.0 55.6

Manual Integrations
APPROVED

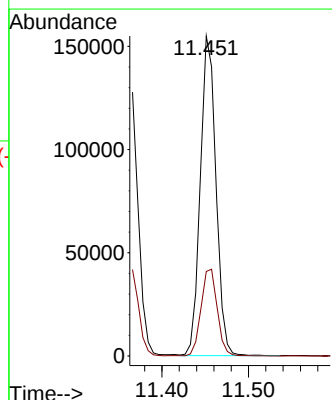
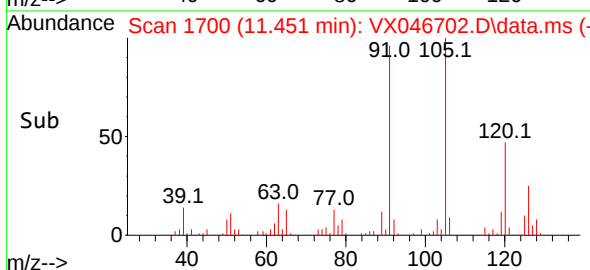
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

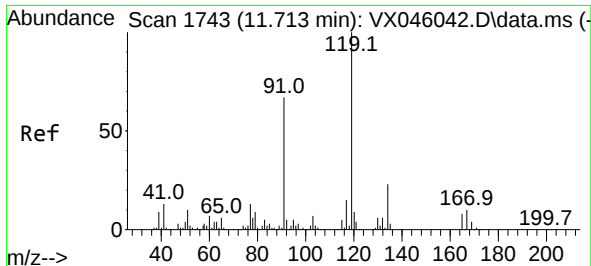


#82
4-Chlorotoluene
Concen: 49.356 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55



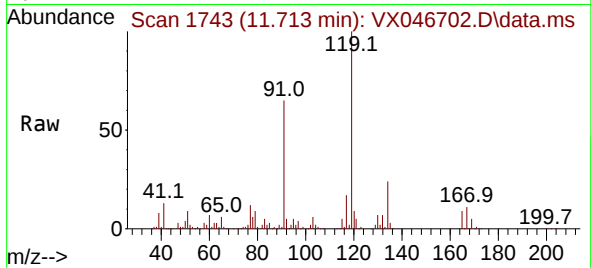
Tgt Ion: 91 Resp: 194247
Ion Ratio Lower Upper
91 100
126 28.3 13.3 39.8





#83
tert-Butylbenzene
Concen: 51.858 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

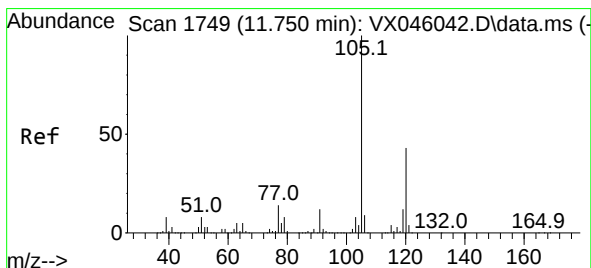
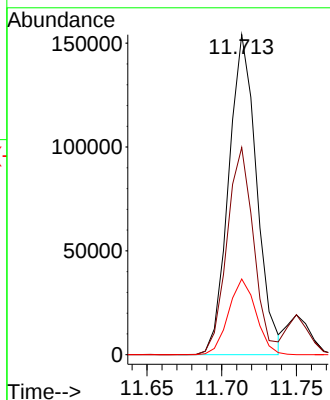
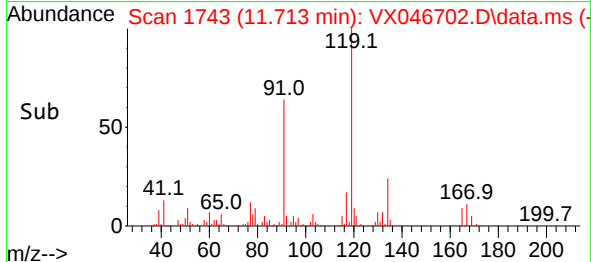
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



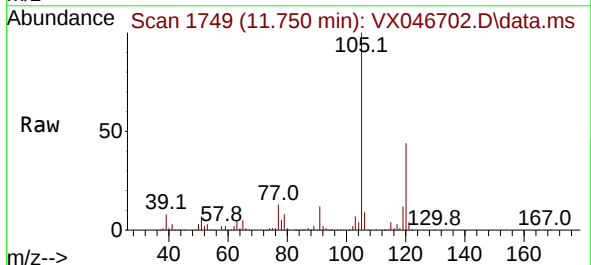
Tgt Ion:119 Resp: 20012
Ion Ratio Lower Upper
119 100
91 62.4 32.9 98.7
134 23.2 11.4 34.1

Manual Integrations
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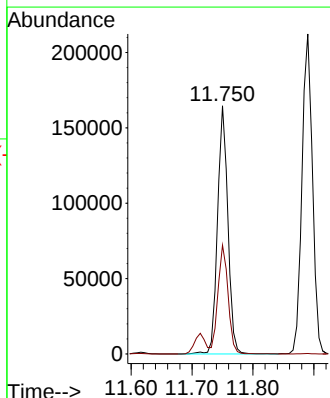
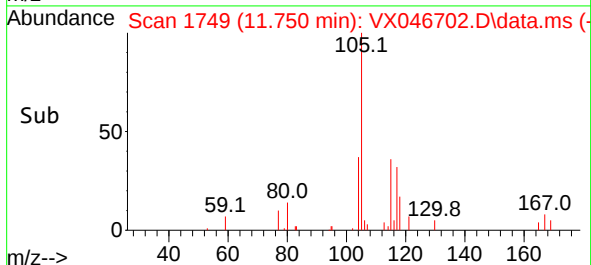
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

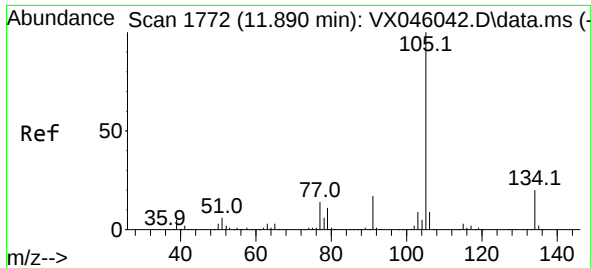


#84
1,2,4-Trimethylbenzene
Concen: 50.712 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55



Tgt Ion:105 Resp: 194478
Ion Ratio Lower Upper
105 100
120 43.7 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 51.091 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX046702.D
 Acq: 13 Jun 2025 19:55

Instrument :

MSVOA_X

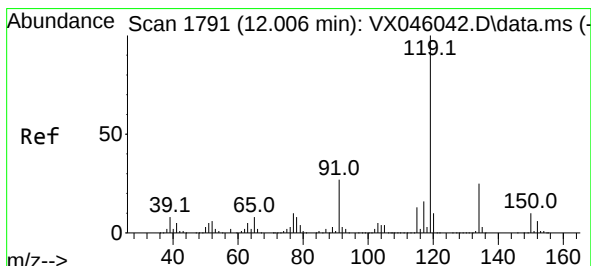
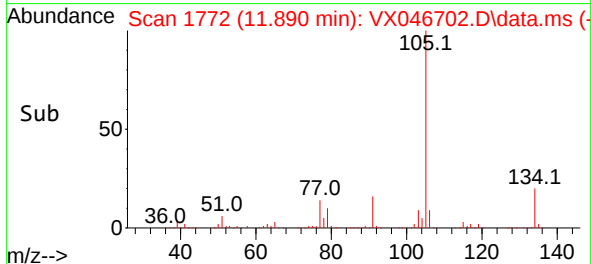
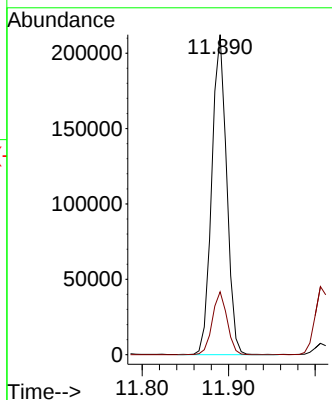
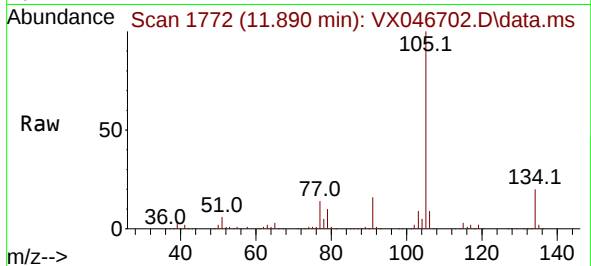
ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 25333
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 29.1

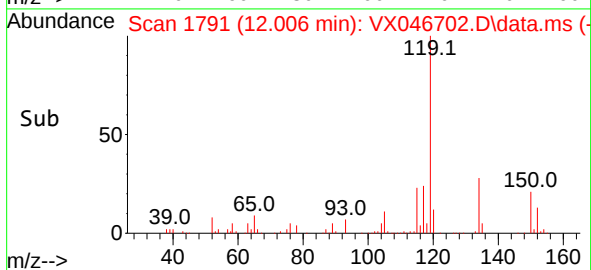
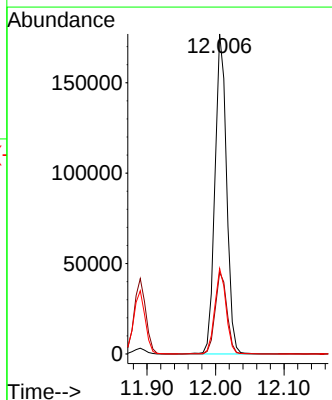
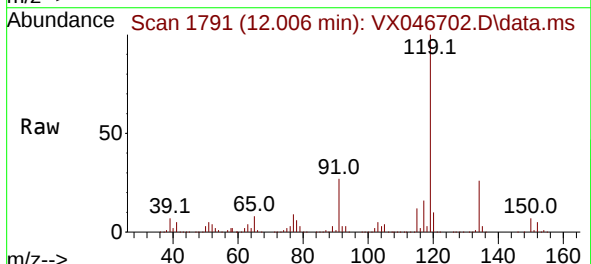
Manual Integrations
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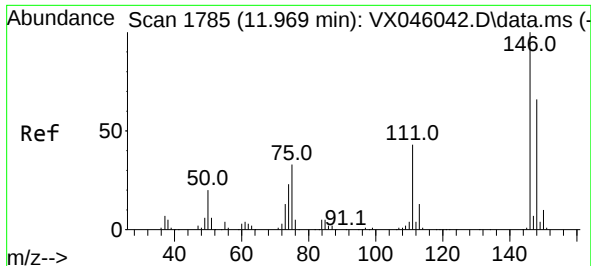
Reviewed By :John Carlone 06/16/2025
 Supervised By :Mahesh Dadoda 06/16/2025



#86
 p-Isopropyltoluene
 Concen: 50.554 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046702.D
 Acq: 13 Jun 2025 19:55

Tgt Ion:119 Resp: 208976
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.5 37.5
 91 26.0 13.8 41.4





#87

1,3-Dichlorobenzene

Concen: 51.073 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX046702.D

Acq: 13 Jun 2025 19:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 104720

Ion Ratio Lower Upper

146 100

111 43.5 22.1 66.3

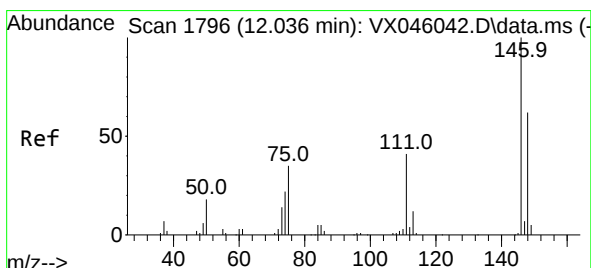
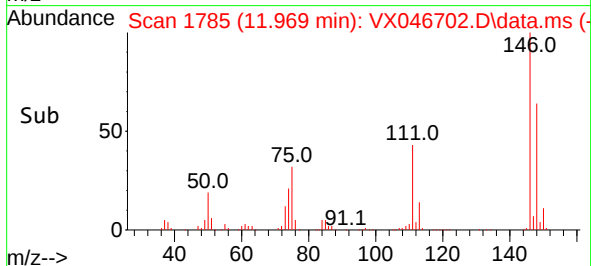
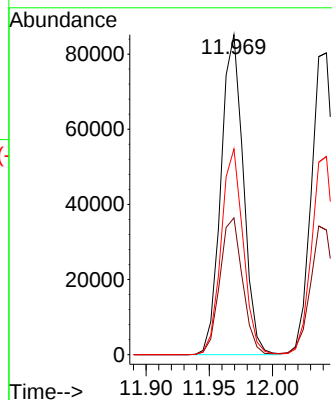
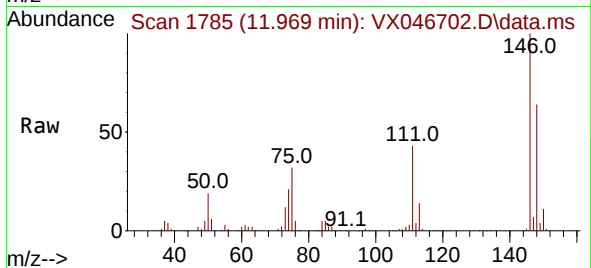
148 63.3 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2025

Supervised By :Mahesh Dadoda 06/16/2025



#88

1,4-Dichlorobenzene

Concen: 49.178 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX046702.D

Acq: 13 Jun 2025 19:55

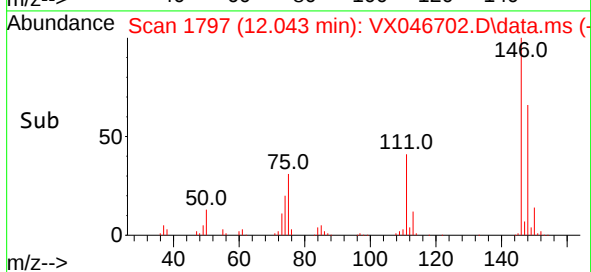
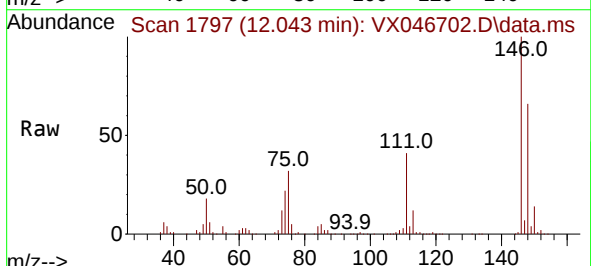
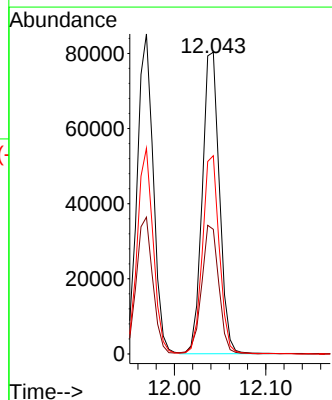
Tgt Ion:146 Resp: 104486

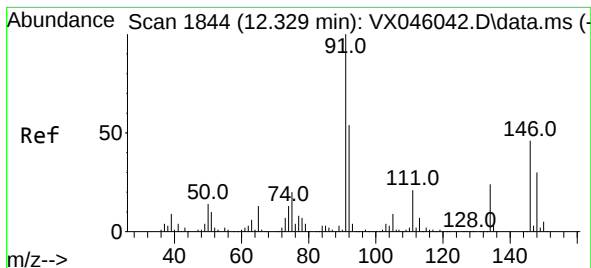
Ion Ratio Lower Upper

146 100

111 42.6 21.3 63.9

148 64.7 31.9 95.5





#89

n-Butylbenzene

Concen: 48.742 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX046702.D

Acq: 13 Jun 2025 19:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 19786

Ion Ratio Lower Upper

91 100

92 54.4 26.9 80.7

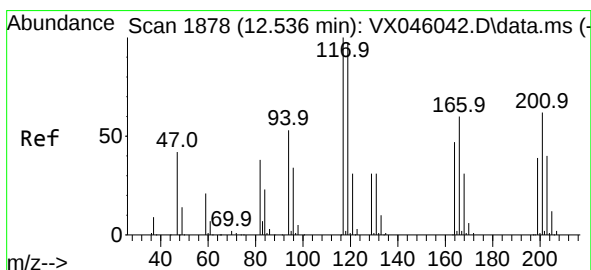
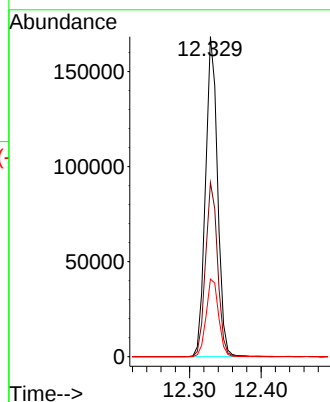
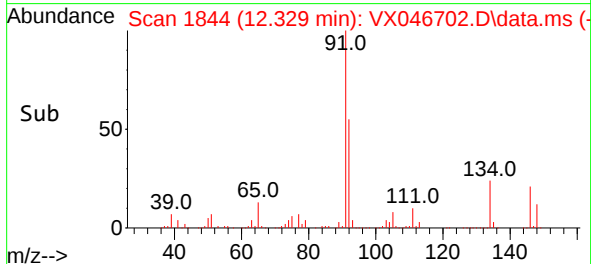
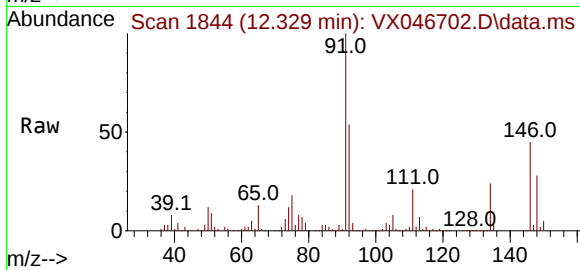
134 25.0 11.8 35.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2025

Supervised By :Mahesh Dadoda 06/16/2025



#90

Hexachloroethane

Concen: 50.276 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX046702.D

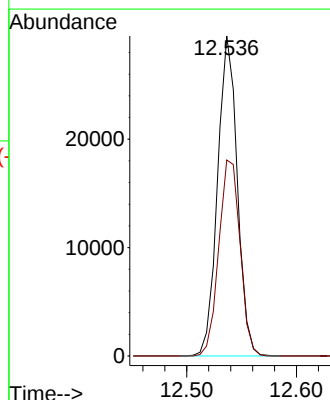
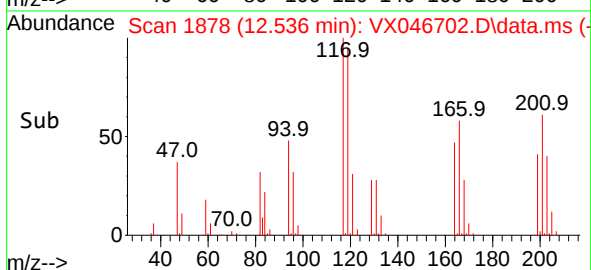
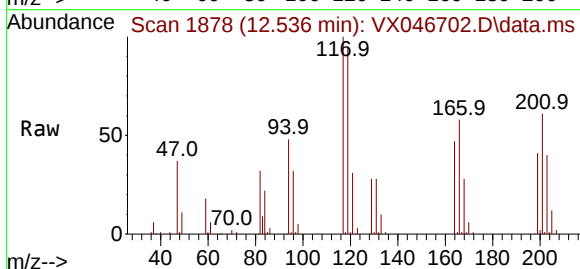
Acq: 13 Jun 2025 19:55

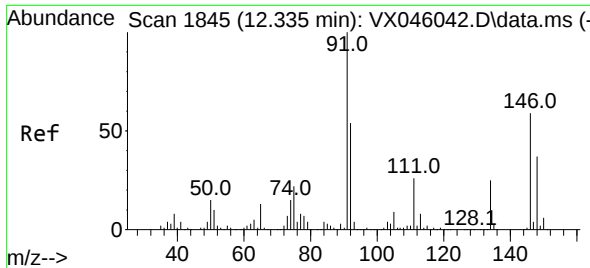
Tgt Ion:117 Resp: 36938

Ion Ratio Lower Upper

117 100

201 66.0 31.6 94.7





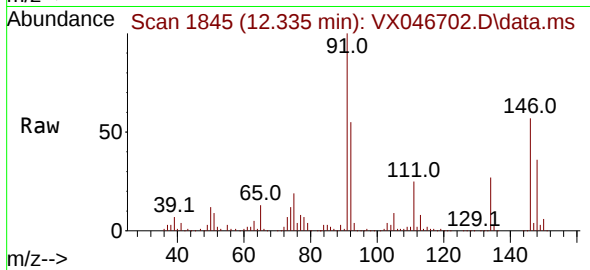
#91
1,2-Dichlorobenzene
Concen: 52.113 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



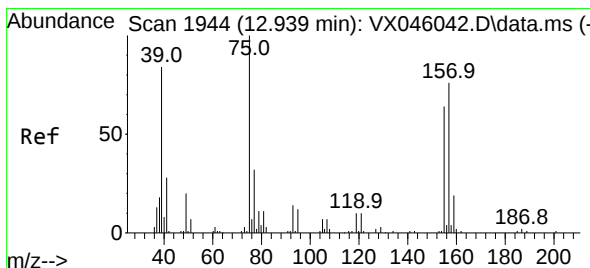
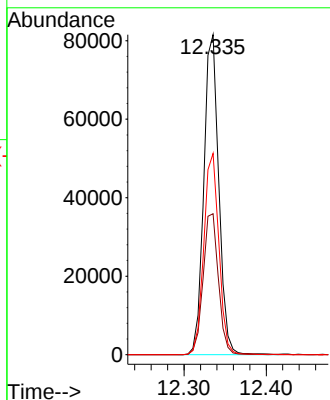
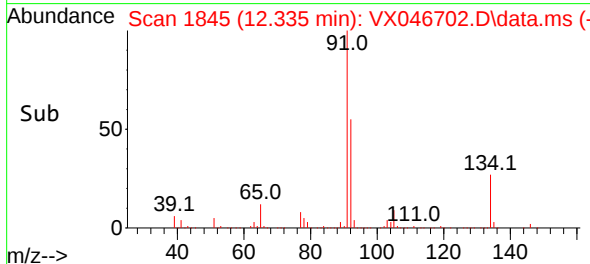
Tgt Ion:146 Resp: 10314
Ion Ratio Lower Upper
146 100
111 45.2 22.4 67.3
148 63.3 31.6 94.8

Manual Integrations

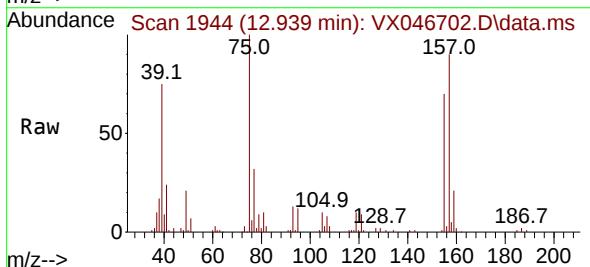
APPROVED

Reviewed By :John Carlone 06/16/2025

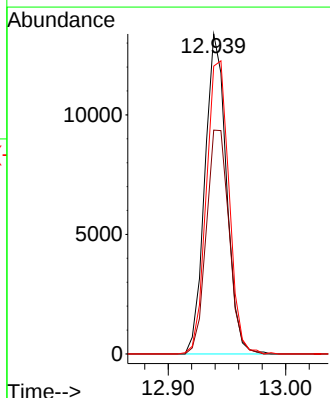
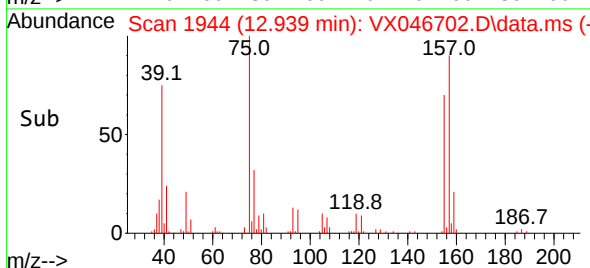
Supervised By :Mahesh Dadoda 06/16/2025

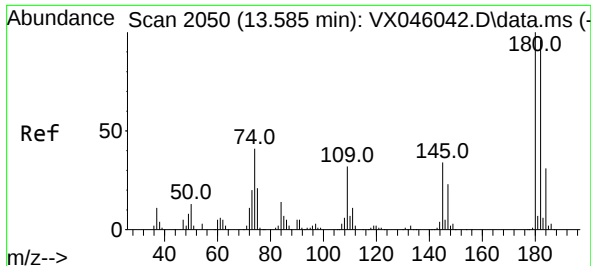


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.339 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55



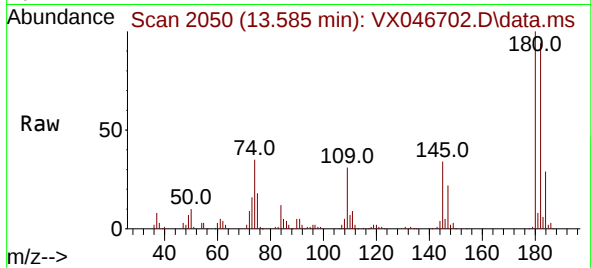
Tgt Ion: 75 Resp: 17066
Ion Ratio Lower Upper
75 100
155 73.4 34.9 104.8
157 96.1 43.8 131.4





#93
1,2,4-Trichlorobenzene
Concen: 51.259 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

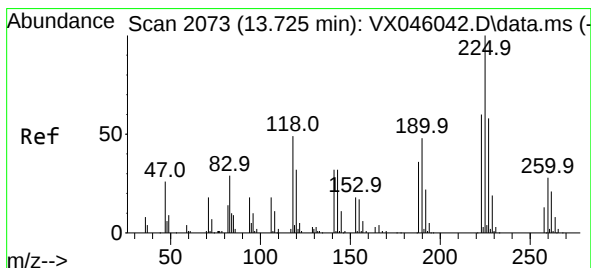
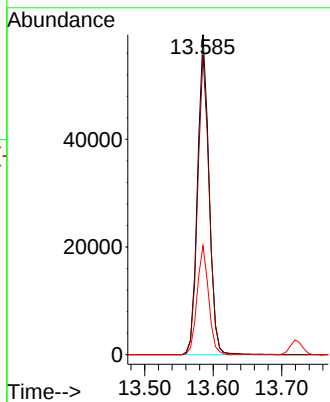
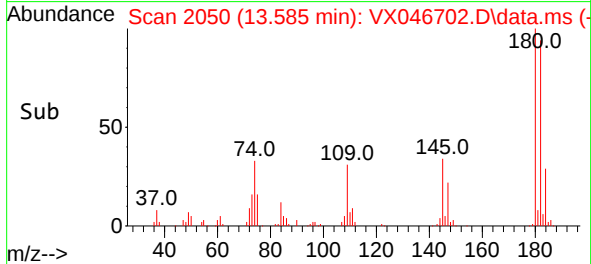
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



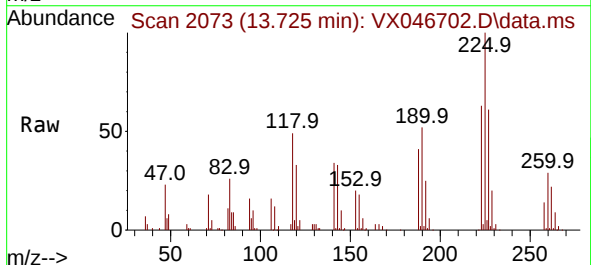
Tgt Ion:180 Resp: 69200
Ion Ratio Lower Upper
180 100
182 94.1 47.9 143.8
145 33.9 17.1 51.2

Manual Integrations
APPROVED

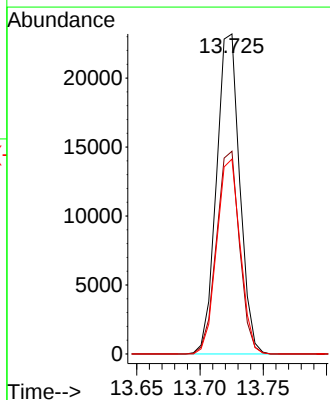
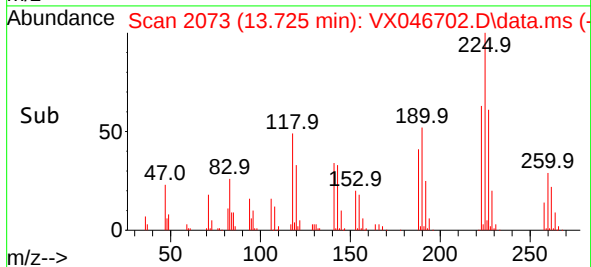
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

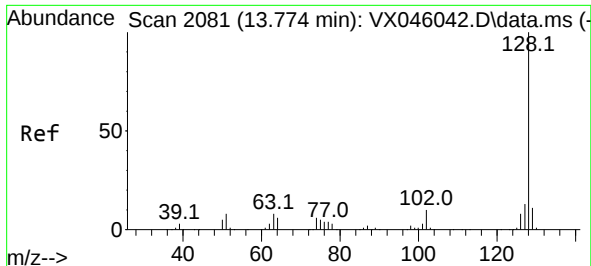


#94
Hexachlorobutadiene
Concen: 47.124 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55



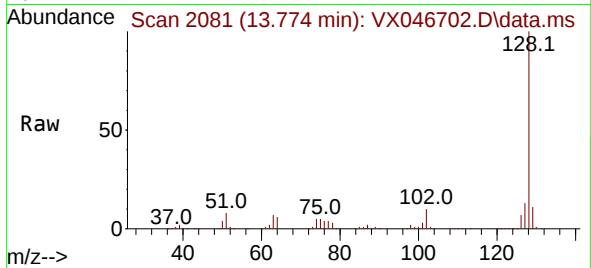
Tgt Ion:225 Resp: 29568
Ion Ratio Lower Upper
225 100
223 63.0 30.8 92.4
227 61.4 30.9 92.7





#95
Naphthalene
Concen: 54.705 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

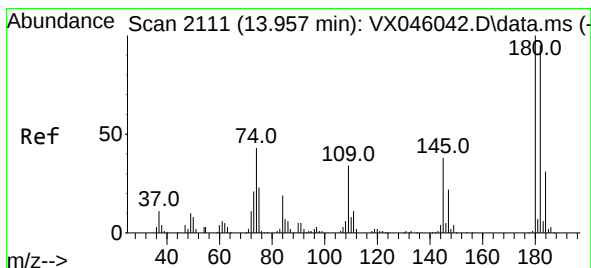
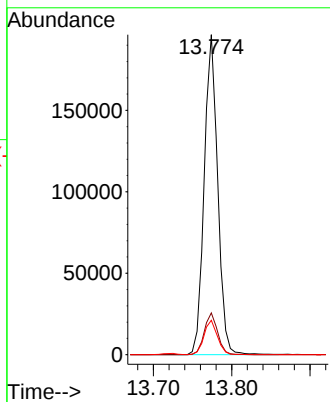
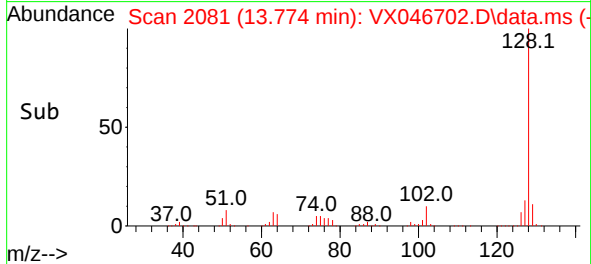
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 234224
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#96
1,2,3-Trichlorobenzene
Concen: 51.003 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046702.D
Acq: 13 Jun 2025 19:55

Tgt Ion:180 Resp: 69049
Ion Ratio Lower Upper
180 100
182 93.1 47.8 143.3
145 35.3 18.1 54.3

