

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
 Data File : VX046519.D
 Acq On : 06 Jun 2025 10:18
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Jun 06 16:41:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:38:39 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/06/2025
 Supervised By : Mahesh Dadoda 06/09/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	91899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	155168	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.055	117	138173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	31177	19.069	ug/l	-0.01
Spiked Amount 50.000	Range 74 - 125		Recovery =	38.140%#		
35) Dibromofluoromethane	5.391	113	21913	19.203	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	38.400%#		
50) Toluene-d8	8.647	98	71915	19.116	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	38.240%#		
62) 4-Bromofluorobenzene	11.079	95	29923	19.224	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	38.440%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	24011	18.820	ug/l	97
3) Chloromethane	1.307	50	21532	18.541	ug/l	97
4) Vinyl Chloride	1.386	62	21814	18.843	ug/l	99
5) Bromomethane	1.624	94	15765	22.432	ug/l	98
6) Chloroethane	1.703	64	14119	18.798	ug/l	97
7) Trichlorofluoromethane	1.904	101	38797	20.256	ug/l	95
8) Diethyl Ether	2.148	74	13057	19.294	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.343	101	23928	19.829	ug/l	98
10) Methyl Iodide	2.465	142	24399	18.652	ug/l	98
11) Tert butyl alcohol	2.965	59	16570	91.334	ug/l	98
12) 1,1-Dichloroethene	2.337	96	20232	18.543	ug/l	94
13) Acrolein	2.245	56	20307	111.446	ug/l	98
14) Allyl chloride	2.678	41	40999	19.133	ug/l	96
15) Acrylonitrile	3.075	53	67593	98.540	ug/l	99
16) Acetone	2.386	43	61298	98.314	ug/l	97
17) Carbon Disulfide	2.526	76	45190	19.630	ug/l	100
18) Methyl Acetate	2.715	43	39765	20.419	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	75365	19.741	ug/l	99
20) Methylene Chloride	2.800	84	24863	18.955	ug/l	96
21) trans-1,2-Dichloroethene	3.105	96	21333	18.476	ug/l	93
22) Diisopropyl ether	3.770	45	86178	20.399	ug/l #	77
23) Vinyl Acetate	3.733	43	309124	94.776	ug/l	100
24) 1,1-Dichloroethane	3.623	63	46528	19.761	ug/l	99
25) 2-Butanone	4.562	43	86287	94.804	ug/l	99
26) 2,2-Dichloropropane	4.489	77	33782	19.327	ug/l	97
27) cis-1,2-Dichloroethene	4.501	96	27631	19.439	ug/l	97
28) Bromochloromethane	4.910	49	21754	19.371	ug/l	99
29) Tetrahydrofuran	5.013	42	53547	93.158	ug/l	100
30) Chloroform	5.105	83	49854	20.208	ug/l	92
31) Cyclohexane	5.483	56	37188	19.565	ug/l	90
32) 1,1,1-Trichloroethane	5.391	97	41583	19.705	ug/l	98
36) 1,1-Dichloropropene	5.702	75	31397	19.262	ug/l	99
37) Ethyl Acetate	4.733	43	32379	20.357	ug/l	98
38) Carbon Tetrachloride	5.684	117	35956	19.695	ug/l	98
39) Methylcyclohexane	7.379	83	35729	18.571	ug/l	96
40) Benzene	6.044	78	93317	20.336	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	20773	21.027	ug/l	96
42) 1,2-Dichloroethane	6.098	62	39768	20.832	ug/l	100
43) Isopropyl Acetate	6.342	43	55054	19.851	ug/l	99
44) Trichloroethene	7.129	130	22094	18.950	ug/l	97
45) 1,2-Dichloropropane	7.434	63	24588	20.760	ug/l	98
46) Dibromomethane	7.586	93	17753	19.924	ug/l	97
47) Bromodichloromethane	7.824	83	38325	20.919	ug/l	100
48) Methyl methacrylate	7.696	41	28189	19.755	ug/l	98
49) 1,4-Dioxane	7.665	88	8127	425.896	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	180974	102.687	ug/l	99
52) Toluene	8.720	92	56537	20.055	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	32552	19.817	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	36009	19.716	ug/l	89
55) 1,1,2-Trichloroethane	9.153	97	24130	21.322	ug/l	98
56) Ethyl methacrylate	9.116	69	35137	20.176	ug/l	97
57) 1,3-Dichloropropane	9.305	76	41306	20.653	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	93580	98.650	ug/l	99
59) 2-Hexanone	9.427	43	128964	102.032	ug/l	99
60) Dibromochloromethane	9.519	129	27175	20.414	ug/l	99
61) 1,2-Dibromoethane	9.610	107	23582	19.996	ug/l	99
64) Tetrachloroethene	9.275	164	17890	19.362	ug/l	94
65) Chlorobenzene	10.079	112	63695	19.600	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	22188	20.205	ug/l	99
67) Ethyl Benzene	10.195	91	112127	19.765	ug/l	98
68) m/p-Xylenes	10.299	106	82876	40.272	ug/l	97
69) o-Xylene	10.640	106	40415	20.304	ug/l	99
70) Styrene	10.653	104	69469	20.388	ug/l	100
71) Bromoform	10.799	173	16593	19.817	ug/l #	97
73) Isopropylbenzene	10.963	105	110221	20.092	ug/l	100
74) N-amyl acetate	10.842	43	46707	19.334	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	36116	20.568	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	30039m	19.991	ug/l	
77) Bromobenzene	11.195	156	25827	20.283	ug/l	96
78) n-propylbenzene	11.305	91	133297	20.075	ug/l	100
79) 2-Chlorotoluene	11.360	91	80101	20.005	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	92024	20.131	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	9832	19.187	ug/l	99
82) 4-Chlorotoluene	11.451	91	93283	19.655	ug/l	98
83) tert-Butylbenzene	11.713	119	93897	20.178	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	93782	20.279	ug/l	98
85) sec-Butylbenzene	11.890	105	119909	20.054	ug/l	99
86) p-Isopropyltoluene	12.006	119	99196	19.900	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	47842	19.349	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	48453	18.912	ug/l	99
89) n-Butylbenzene	12.329	91	94297	19.263	ug/l	99
90) Hexachloroethane	12.536	117	16809	18.972	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	47259	19.801	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7586	19.293	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	30280	18.598	ug/l	98
94) Hexachlorobutadiene	13.725	225	14184	18.746	ug/l	97
95) Naphthalene	13.774	128	98466	19.071	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	30099	18.437	ug/l	99

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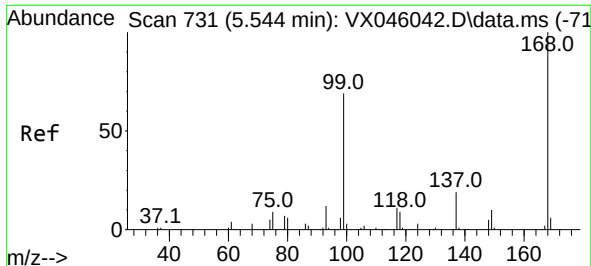
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/09/2025

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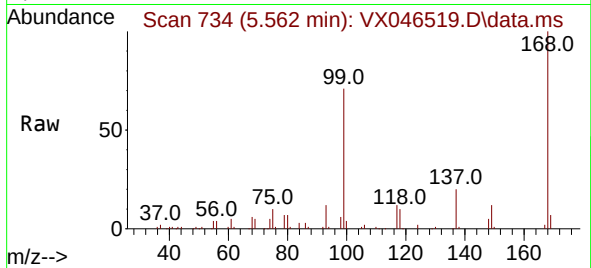
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
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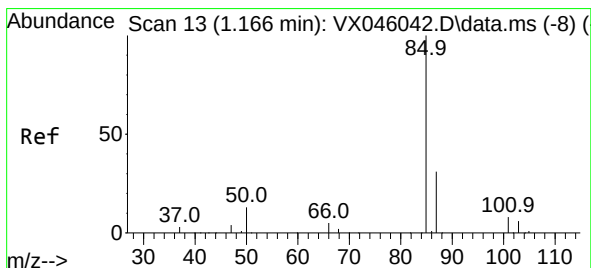
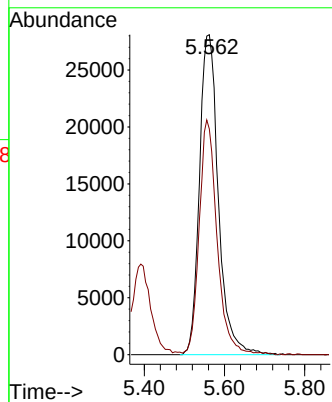
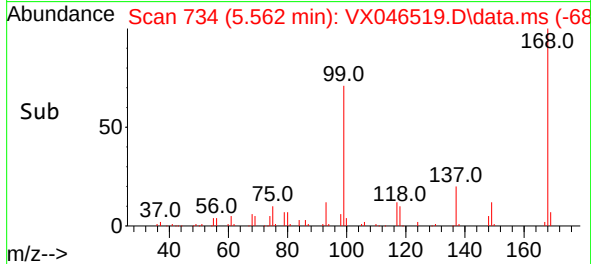
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:168 Resp: 9189
Ion Ratio Lower Upper
168 100
99 70.3 54.9 82.3

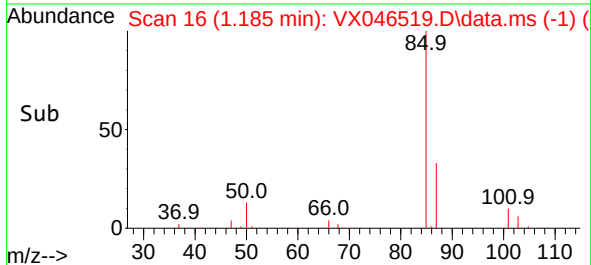
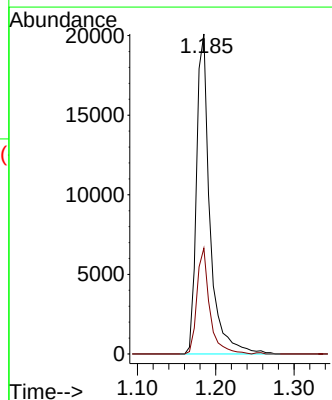
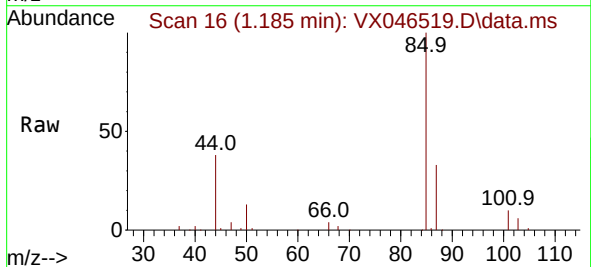
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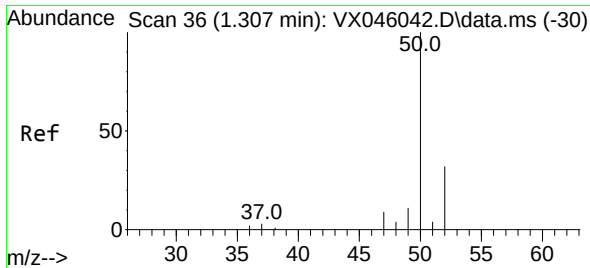
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#2
Dichlorodifluoromethane
Concen: 18.820 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

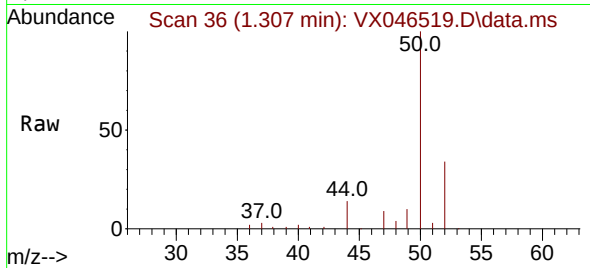
Tgt Ion: 85 Resp: 24011
Ion Ratio Lower Upper
85 100
87 33.1 15.7 47.1





#3
Chloromethane
Concen: 18.541 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

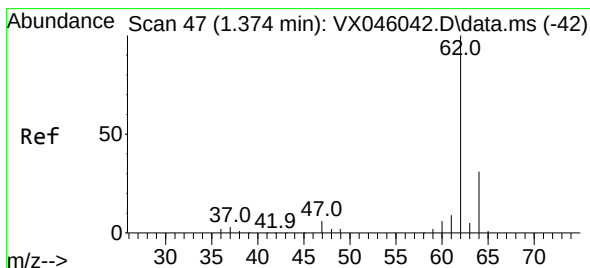
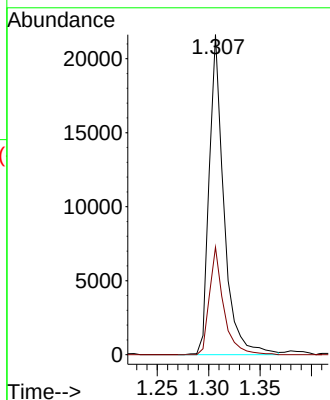
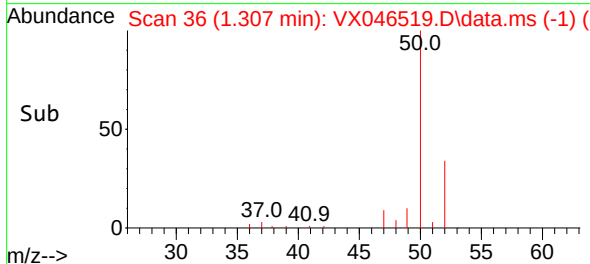
Instrument :
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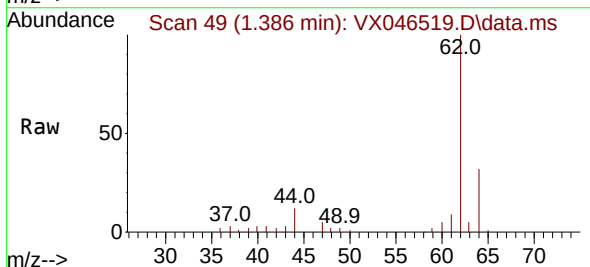
Tgt Ion: 50 Resp: 2153
Ion Ratio Lower Upper
50 100
52 33.6 25.4 38.2

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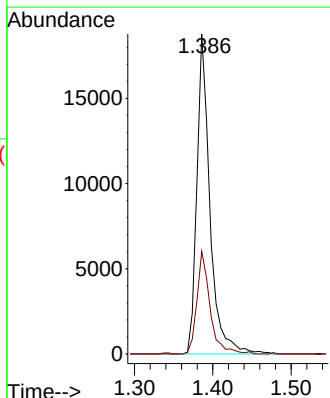
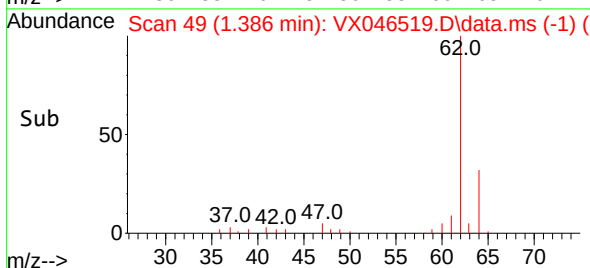
Reviewed By :John Carlone 06/06/2025
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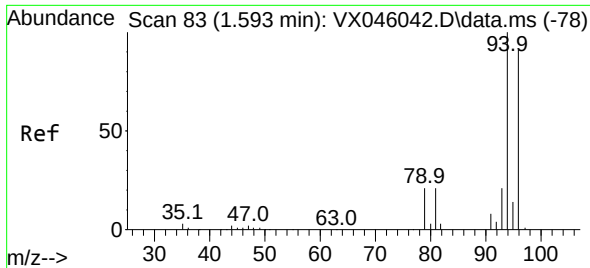


#4
Vinyl Chloride
Concen: 18.843 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18



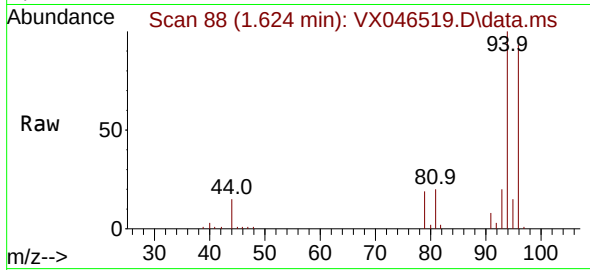
Tgt Ion: 62 Resp: 21814
Ion Ratio Lower Upper
62 100
64 32.1 25.2 37.8





#5
Bromomethane
Concen: 22.432 ug/l
RT: 1.624 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

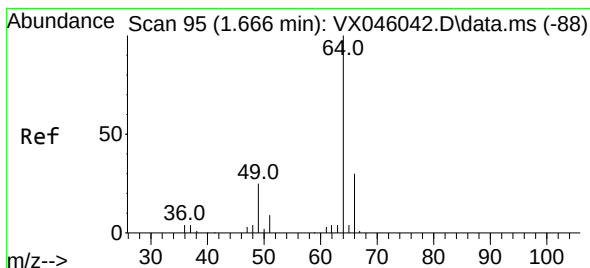
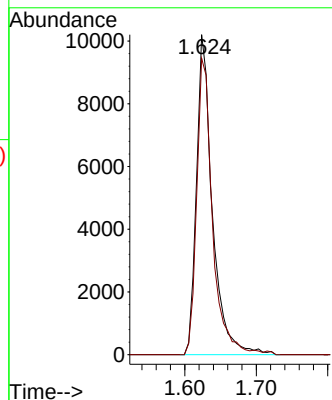
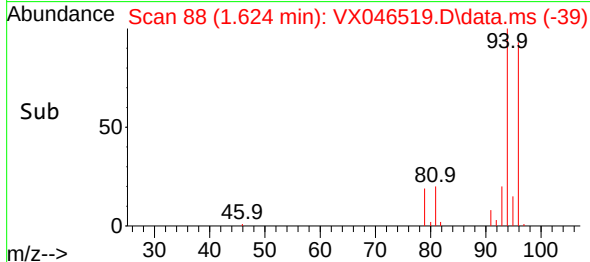
Instrument :
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Tgt Ion: 94 Resp: 1576
Ion Ratio Lower Upper
94 100
96 92.6 72.8 109.2

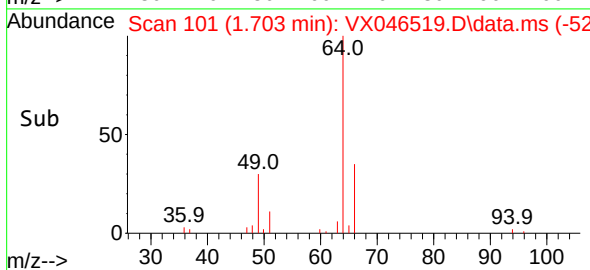
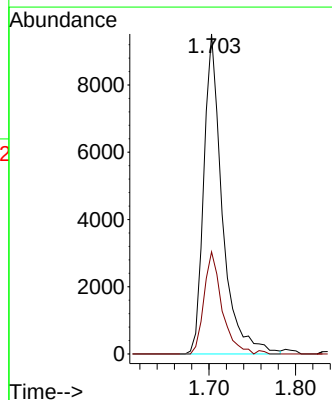
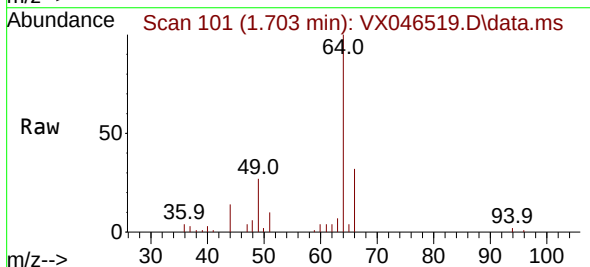
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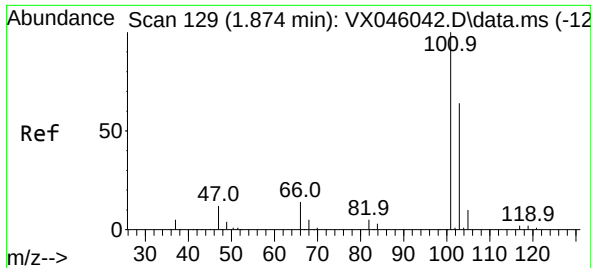
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#6
Chloroethane
Concen: 18.798 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

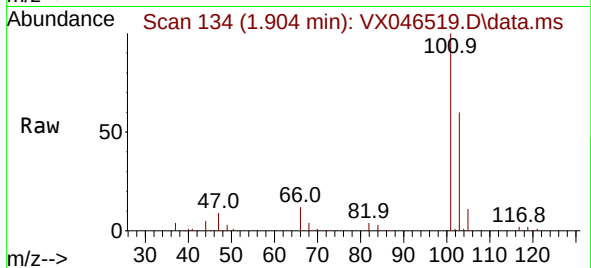
Tgt Ion: 64 Resp: 14119
Ion Ratio Lower Upper
64 100
66 31.9 24.3 36.5





#7
Trichlorofluoromethane
Concen: 20.256 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046519.D
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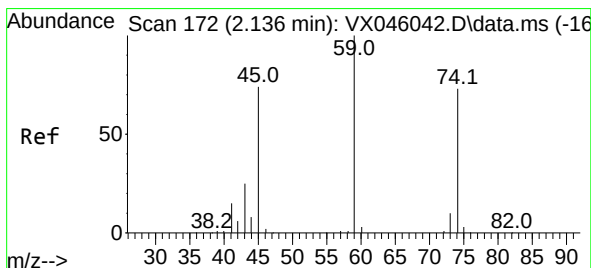
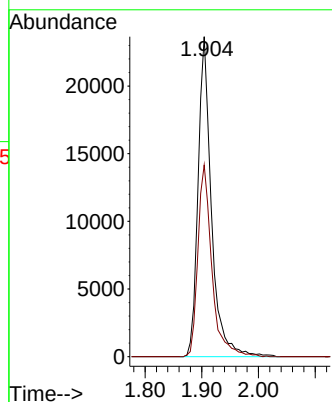
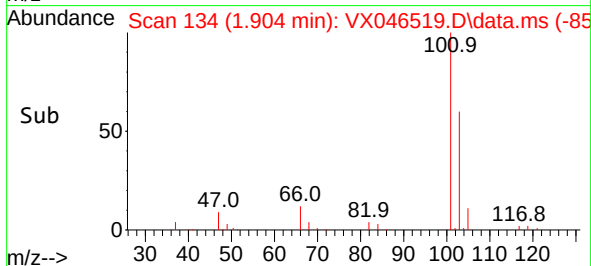
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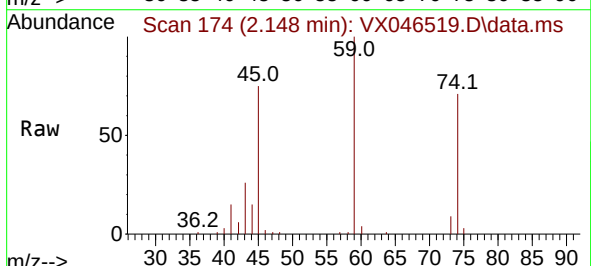
Tgt Ion:101 Resp: 3879
Ion Ratio Lower Upper
101 100
103 59.9 51.0 76.4

Manual Integrations
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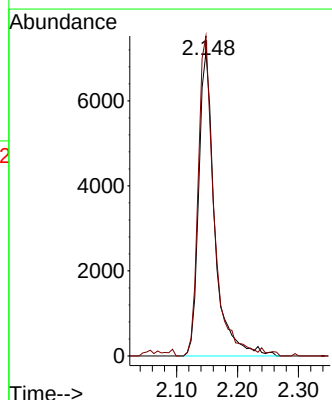
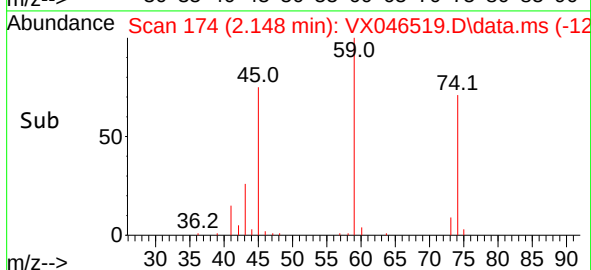
Reviewed By :John Carlone 06/06/2025
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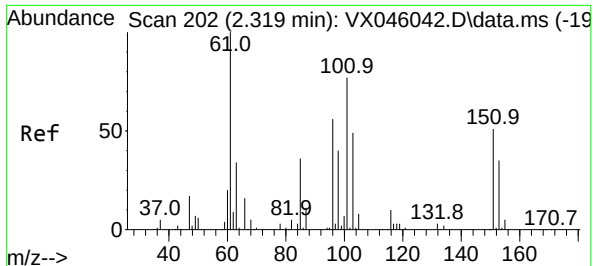


#8
Diethyl Ether
Concen: 19.294 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.006 min
Lab File: VX046519.D
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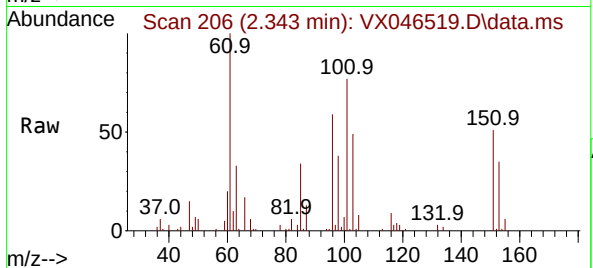
Tgt Ion: 74 Resp: 13057
Ion Ratio Lower Upper
74 100
45 104.0 54.9 164.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.829 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.006 min
Lab File: VX046519.D
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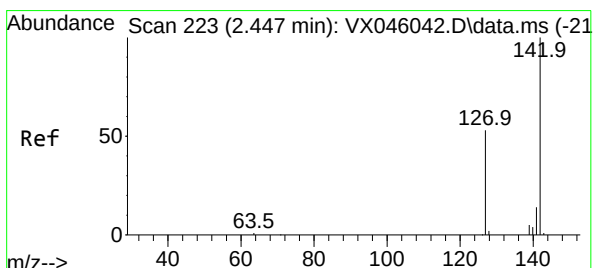
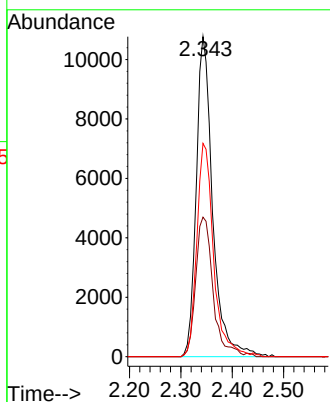
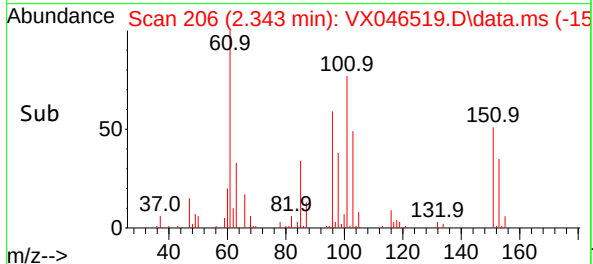
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



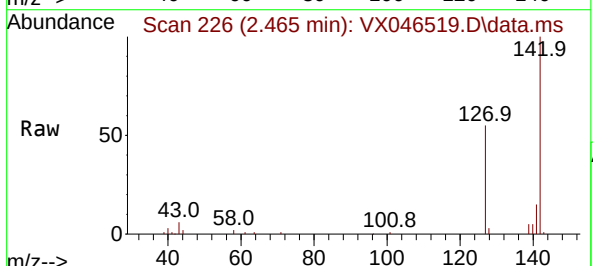
Tgt Ion:101 Resp: 23928
Ion Ratio Lower Upper
101 100
85 45.9 38.6 58.0
151 67.9 55.2 82.8

Manual Integrations
APPROVED

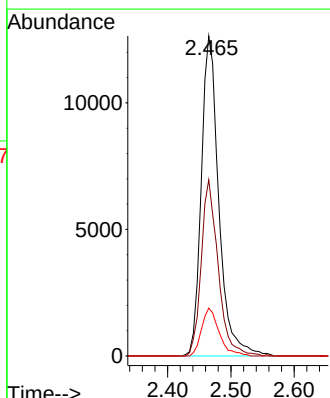
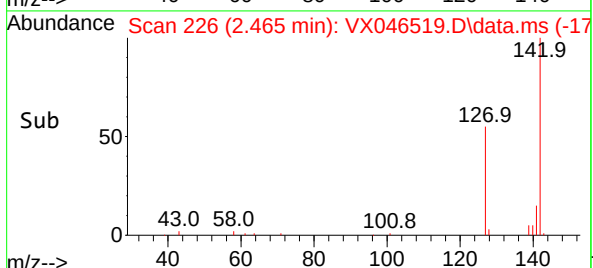
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

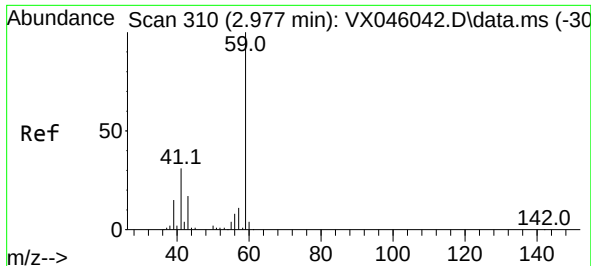


#10
Methyl Iodide
Concen: 18.652 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18



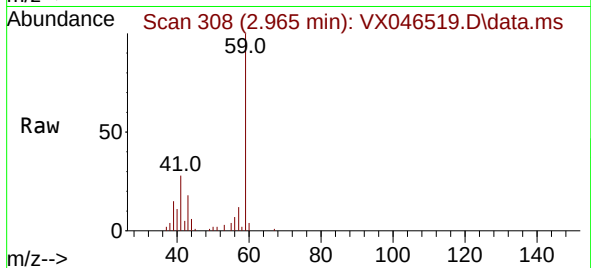
Tgt Ion:142 Resp: 24399
Ion Ratio Lower Upper
142 100
127 53.3 41.7 62.5
141 15.1 11.5 17.3





#11
Tert butyl alcohol
Concen: 91.334 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

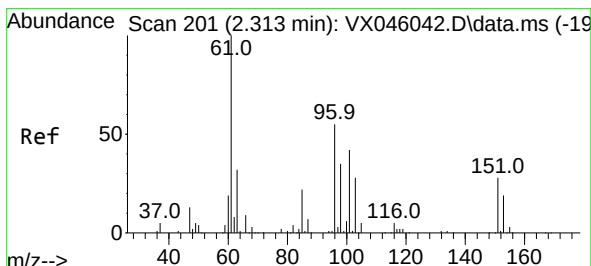
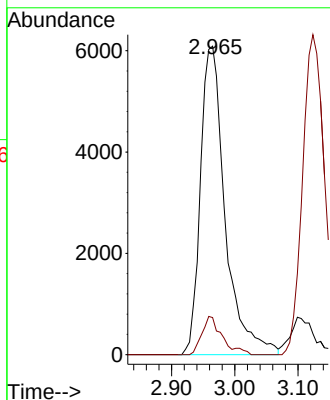
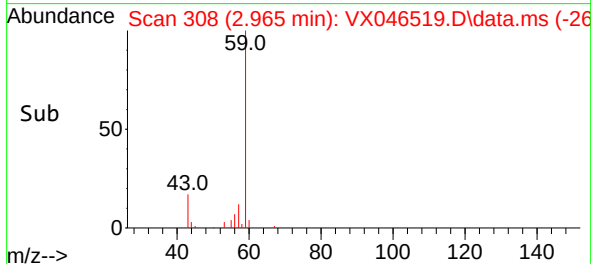
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



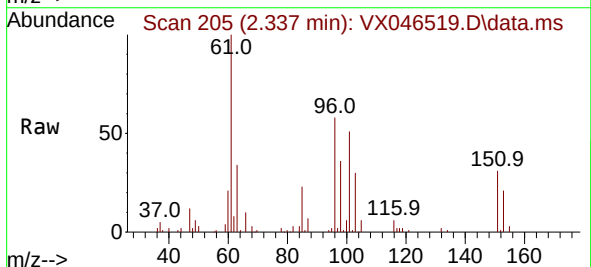
Tgt Ion: 59 Resp: 16570
Ion Ratio Lower Upper
59 100
57 10.1 8.6 12.8

Manual Integrations
APPROVED

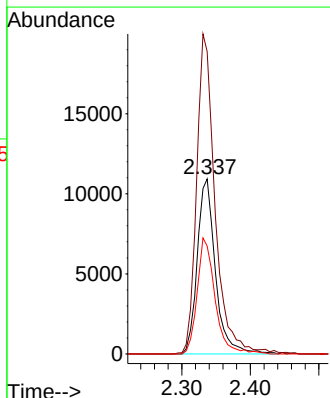
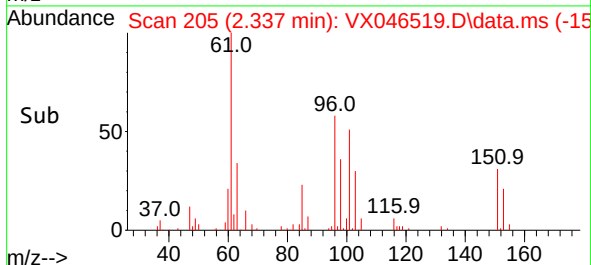
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

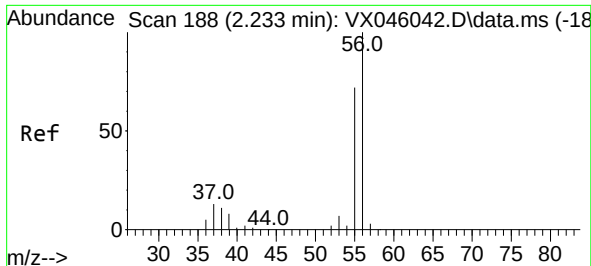


#12
1,1-Dichloroethene
Concen: 18.543 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18



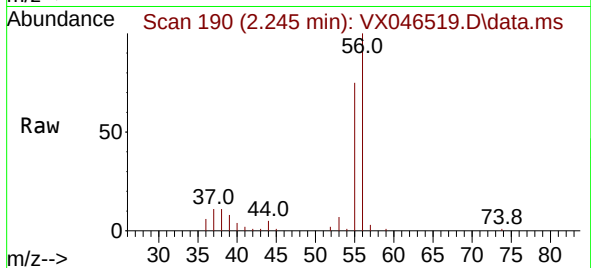
Tgt Ion: 96 Resp: 20232
Ion Ratio Lower Upper
96 100
61 172.3 146.2 219.2
98 61.6 51.0 76.6





#13
Acrolein
Concen: 111.446 ug/l
RT: 2.245 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

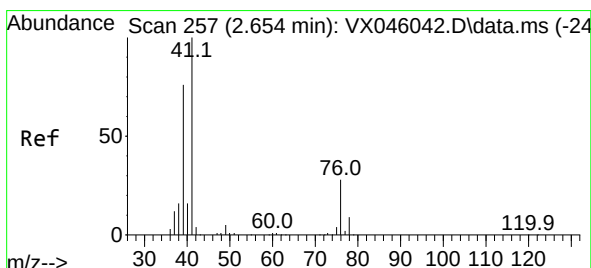
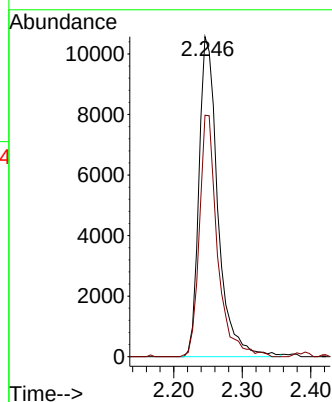
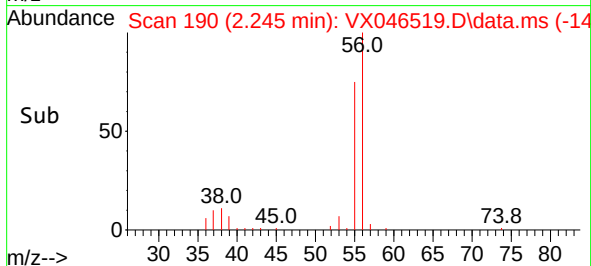
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 2030
Ion Ratio Lower Upper
56 100
55 72.2 56.2 84.4

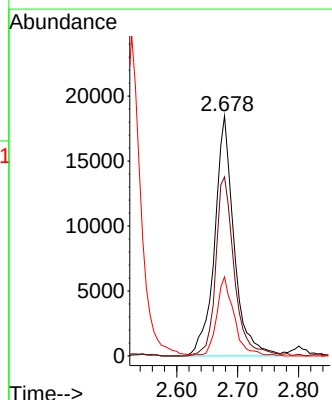
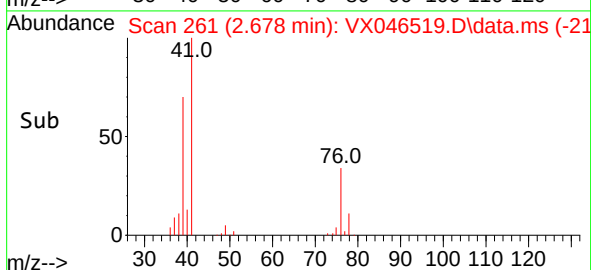
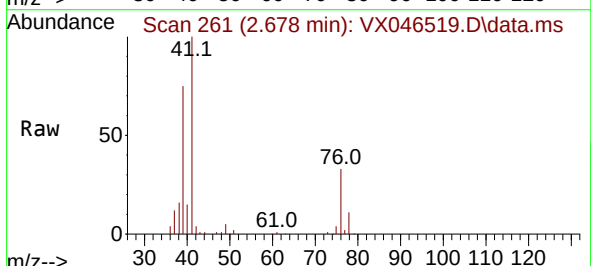
Manual Integrations
APPROVED

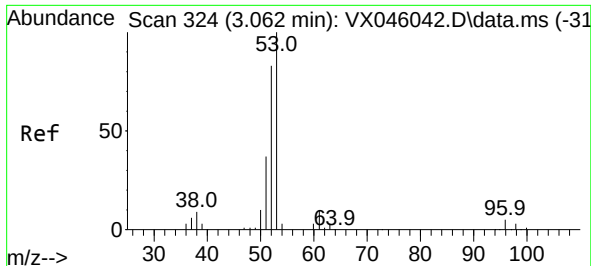
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#14
Allyl chloride
Concen: 19.133 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.006 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

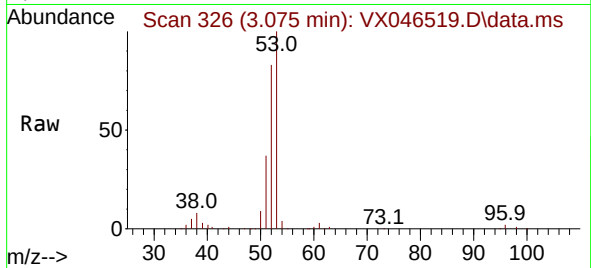
Tgt Ion: 41 Resp: 40999
Ion Ratio Lower Upper
41 100
39 71.5 60.6 90.8
76 29.5 24.9 37.3





#15
Acrylonitrile
Concen: 98.540 ug/l
RT: 3.075 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

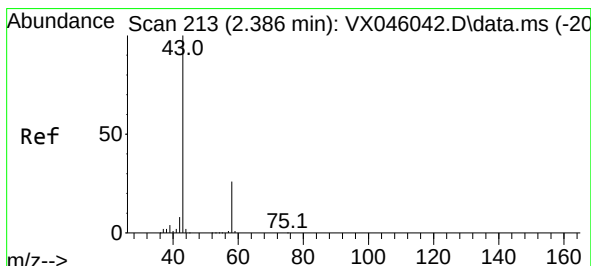
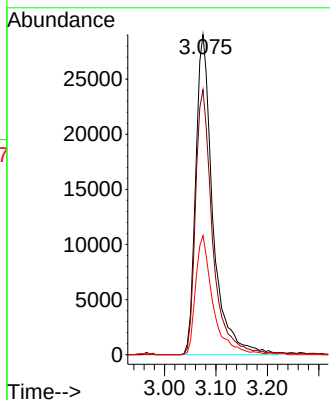
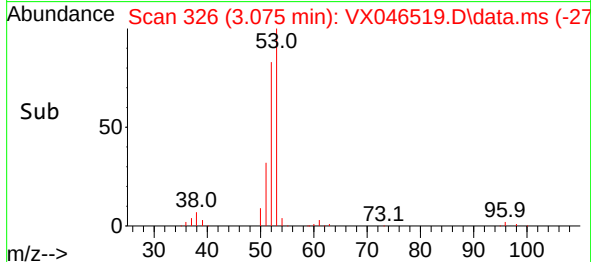
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 6759
Ion Ratio Lower Upper
53 100
52 82.5 65.3 97.9
51 37.6 29.8 44.8

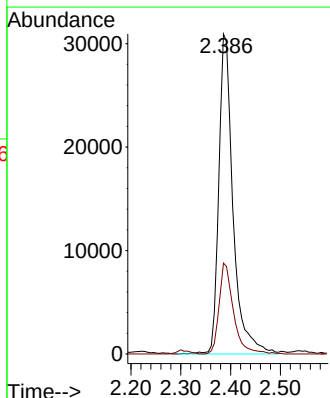
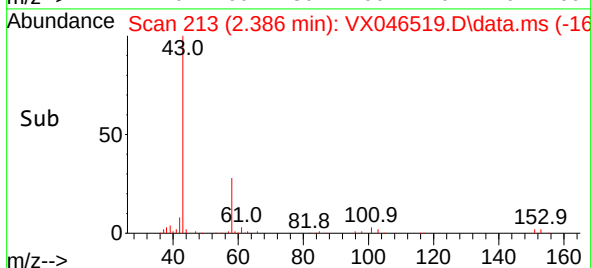
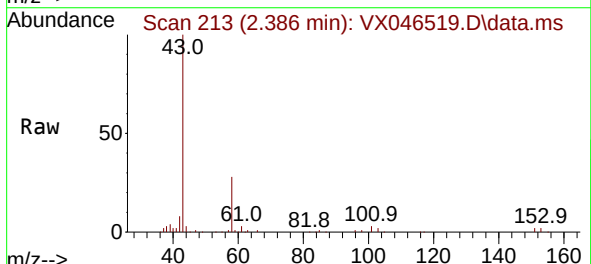
Manual Integrations
APPROVED

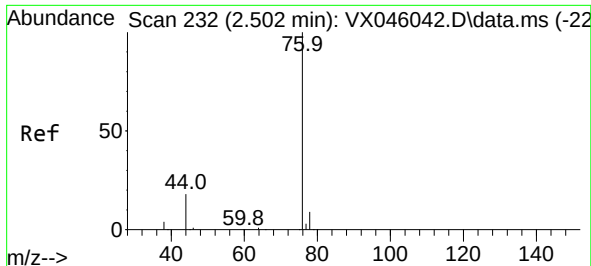
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#16
Acetone
Concen: 98.314 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

Tgt Ion: 43 Resp: 61298
Ion Ratio Lower Upper
43 100
58 28.2 21.2 31.8





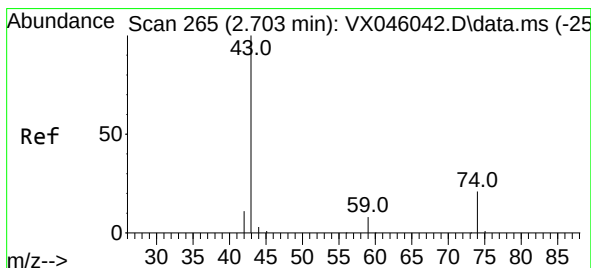
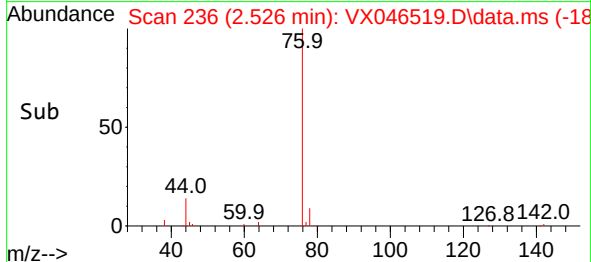
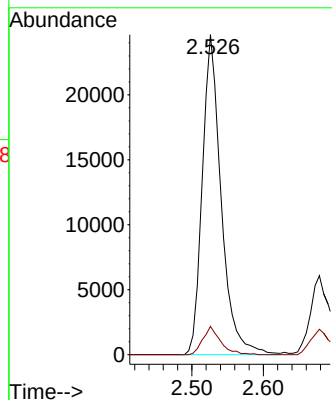
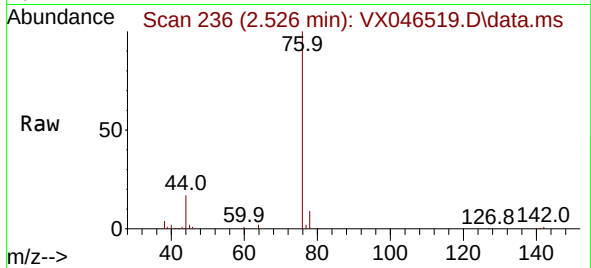
#17
Carbon Disulfide
Concen: 19.630 ug/l
RT: 2.526 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 76 Resp: 45190
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4

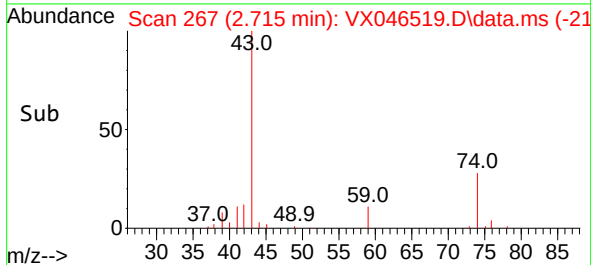
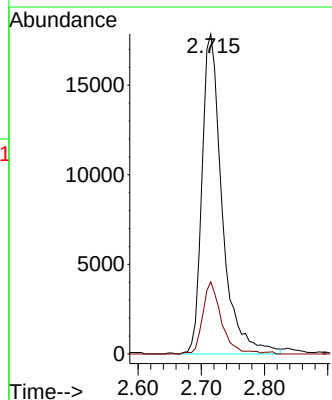
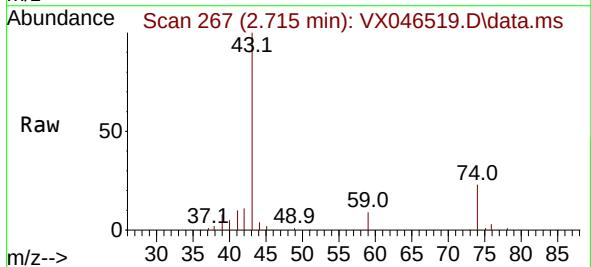
Manual Integrations
APPROVED

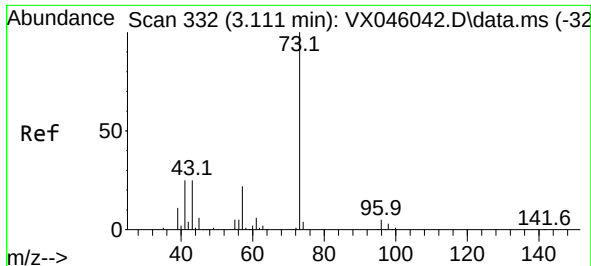
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#18
Methyl Acetate
Concen: 20.419 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.006 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

Tgt Ion: 43 Resp: 39765
Ion Ratio Lower Upper
43 100
74 20.8 16.7 25.1





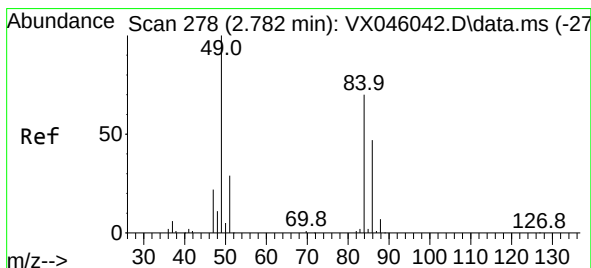
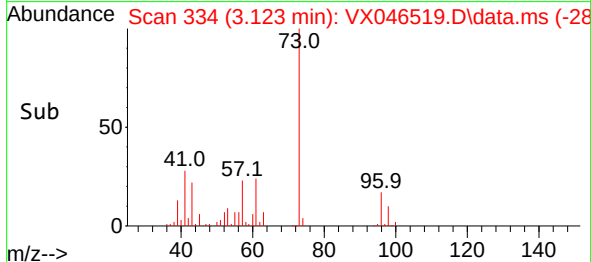
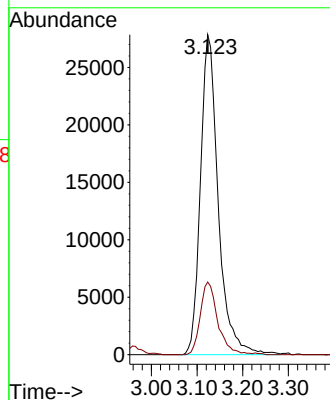
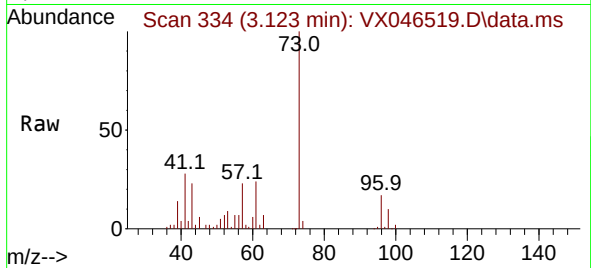
#19
Methyl tert-butyl Ether
Concen: 19.741 ug/l
RT: 3.123 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 7536
Ion Ratio Lower Upper
73 100
57 22.7 17.7 26.5

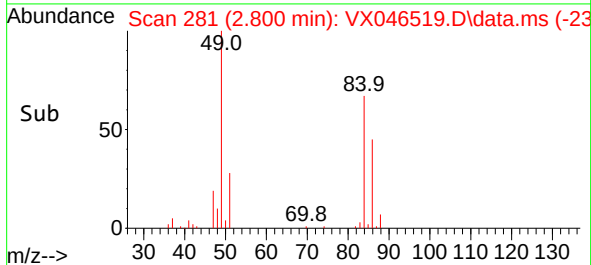
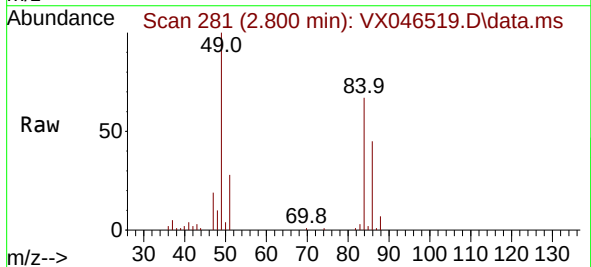
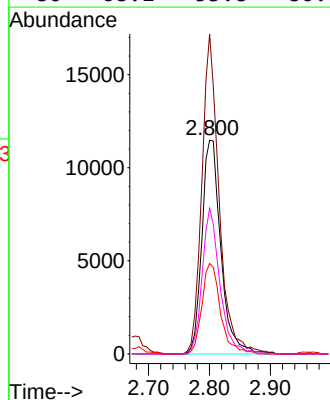
Manual Integrations
APPROVED

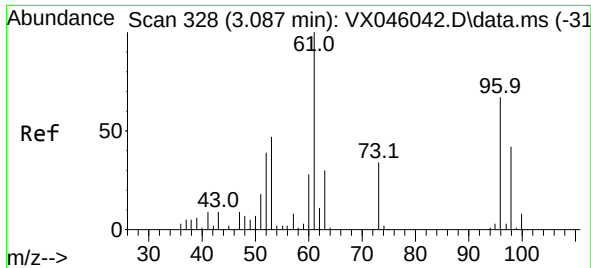
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#20
Methylene Chloride
Concen: 18.955 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

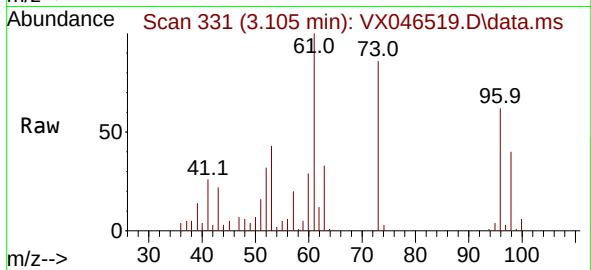
Tgt Ion: 84 Resp: 24863
Ion Ratio Lower Upper
84 100
49 149.7 113.9 170.9
51 42.3 33.5 50.3
86 68.1 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 18.476 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

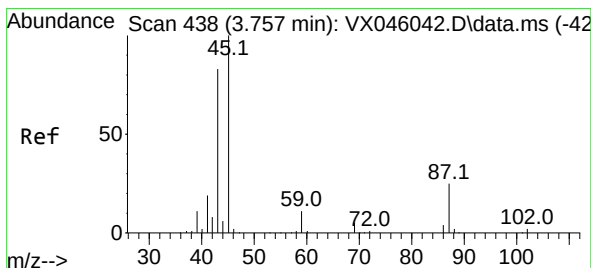
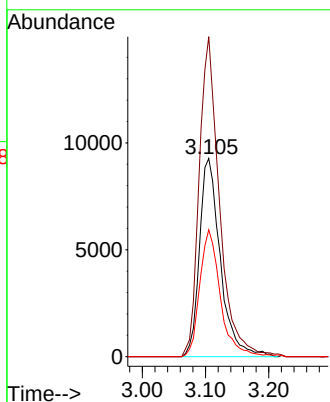
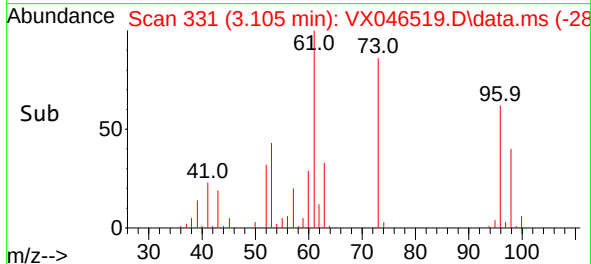
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 2133
Ion Ratio Lower Upper
96 100
61 161.4 119.5 179.3
98 64.0 50.0 75.0

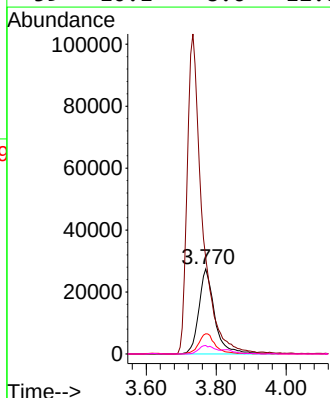
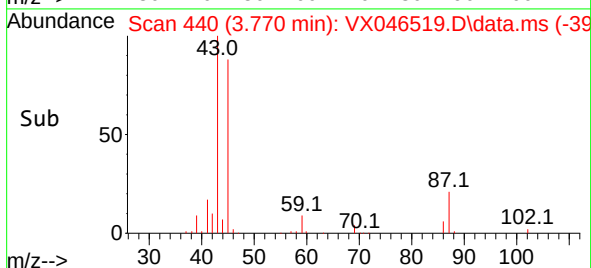
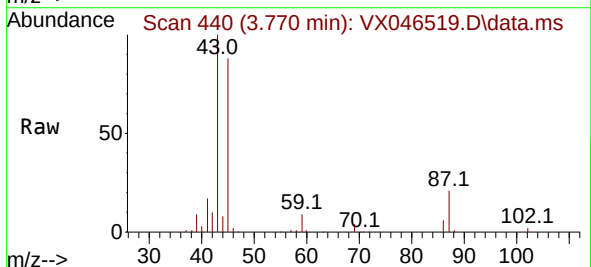
Manual Integrations
APPROVED

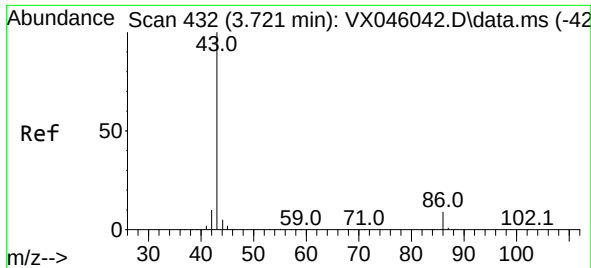
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#22
Diisopropyl ether
Concen: 20.399 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.012 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

Tgt Ion: 45 Resp: 86178
Ion Ratio Lower Upper
45 100
43 112.6 66.6 100.0#
87 23.6 19.8 29.6
59 10.1 8.6 12.8





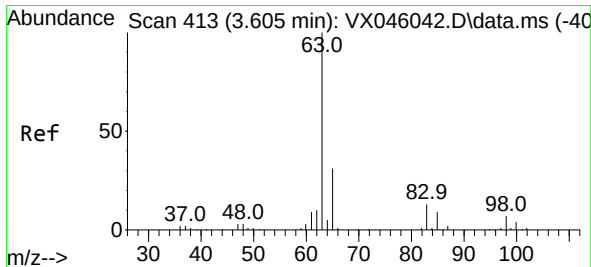
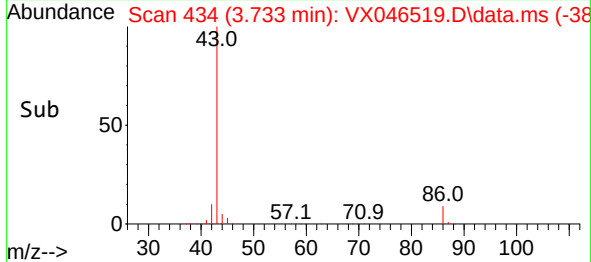
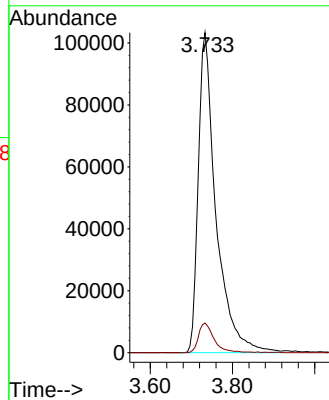
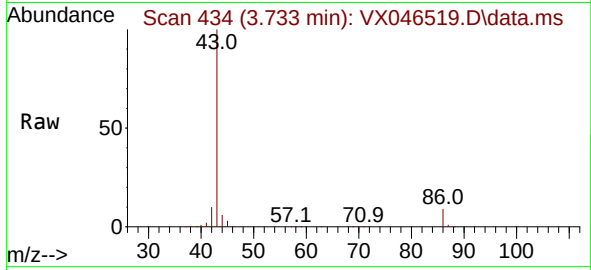
#23
 Vinyl Acetate
 Concen: 94.776 ug/l
 RT: 3.733 min Scan# 416
 Delta R.T. -0.006 min
 Lab File: VX046519.D
 Acq: 06 Jun 2025 10:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 309124
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.5 11.3

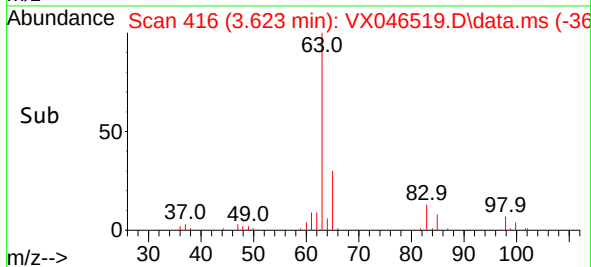
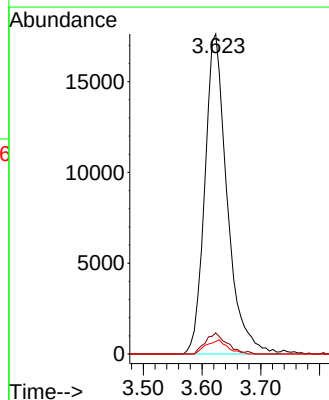
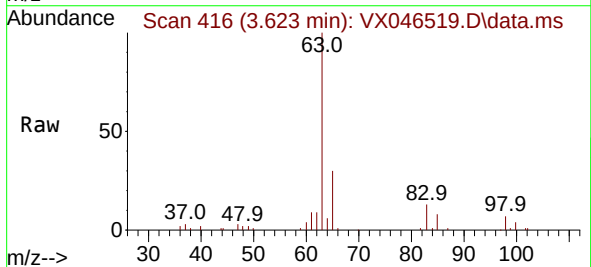
Manual Integrations
 APPROVED

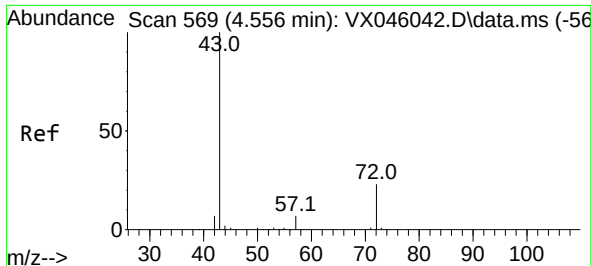
Reviewed By :John Carlone 06/06/2025
 Supervised By :Mahesh Dadoda 06/09/2025



#24
 1,1-Dichloroethane
 Concen: 19.761 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. -0.006 min
 Lab File: VX046519.D
 Acq: 06 Jun 2025 10:18

Tgt Ion: 63 Resp: 46528
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.8
 100 3.9 2.1 6.3





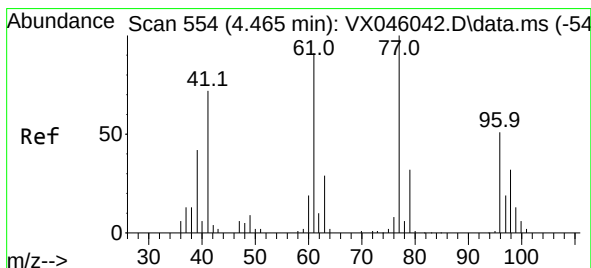
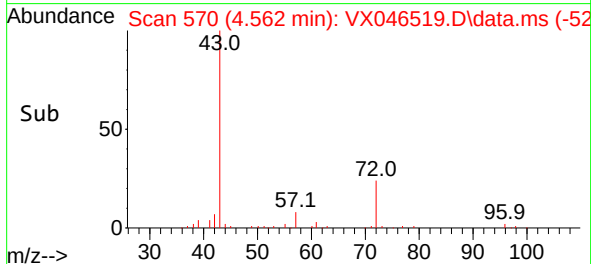
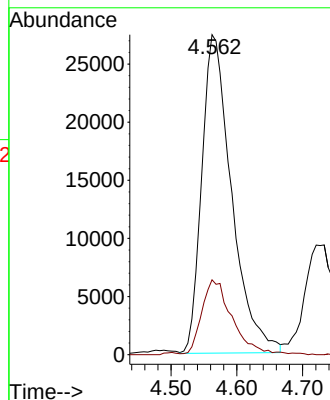
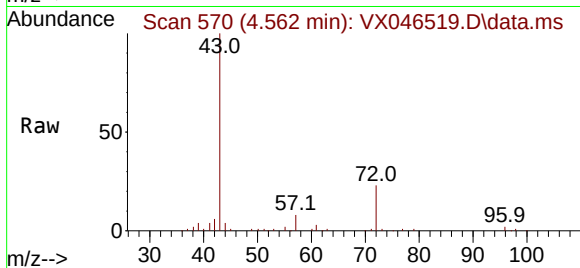
#25
2-Butanone
Concen: 94.804 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.012 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 8628
Ion Ratio Lower Upper
43 100
72 23.3 18.4 27.6

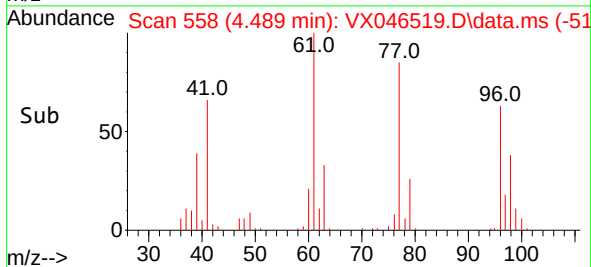
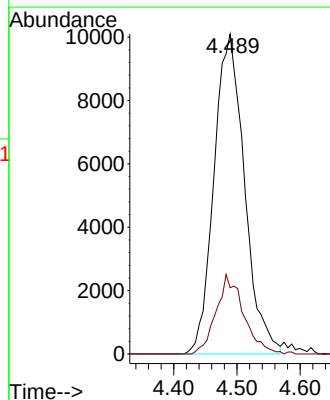
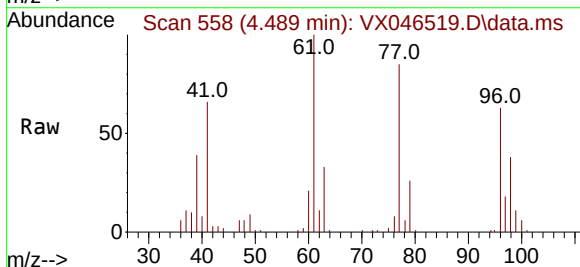
Manual Integrations
APPROVED

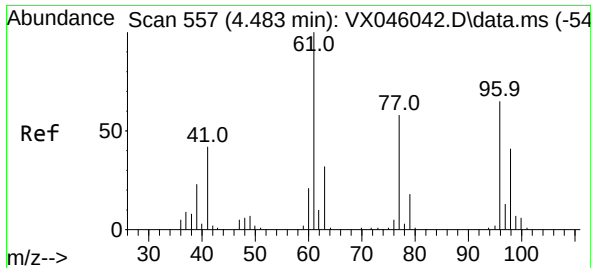
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#26
2,2-Dichloropropane
Concen: 19.327 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

Tgt Ion: 77 Resp: 33782
Ion Ratio Lower Upper
77 100
97 22.3 10.5 31.5





#27
cis-1,2-Dichloroethene
Concen: 19.439 ug/l
RT: 4.501 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

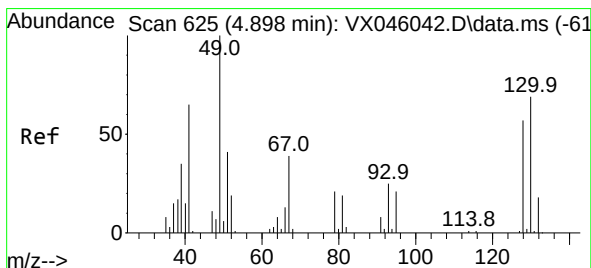
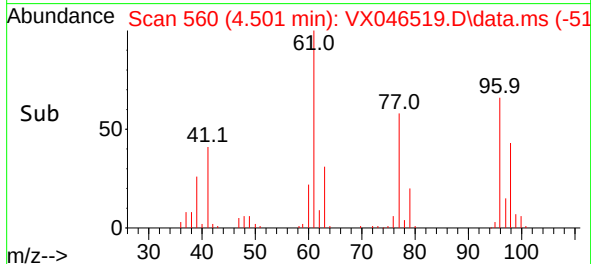
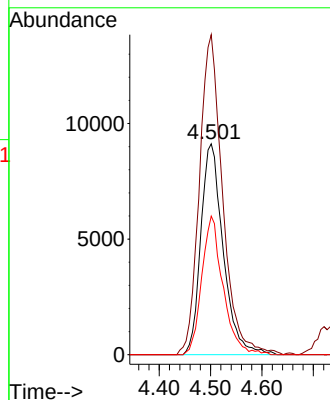
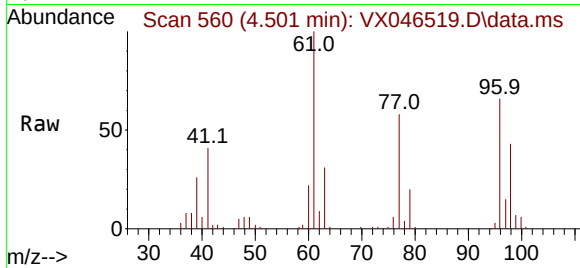
VSTDIC020

Tgt Ion: 96 Resp: 2763
Ion Ratio Lower Upper
96 100
61 157.3 0.0 322.8
98 62.4 0.0 129.0

Manual Integrations

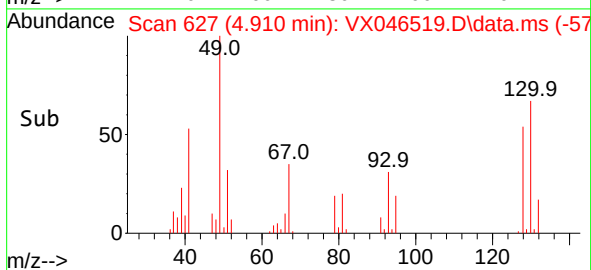
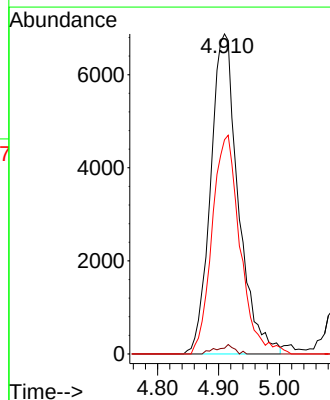
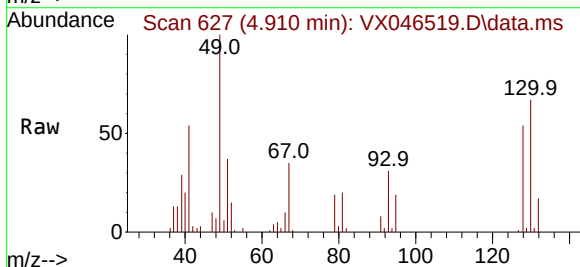
APPROVED

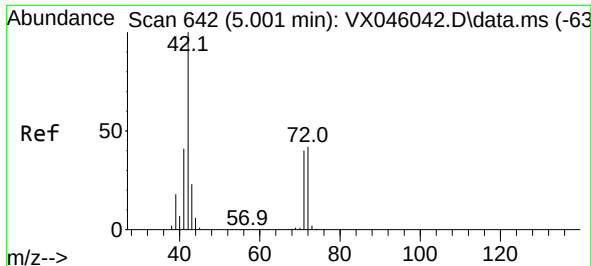
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#28
Bromochloromethane
Concen: 19.371 ug/l
RT: 4.910 min Scan# 627
Delta R.T. -0.006 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

Tgt Ion: 49 Resp: 21754
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.0
130 69.0 56.2 84.2





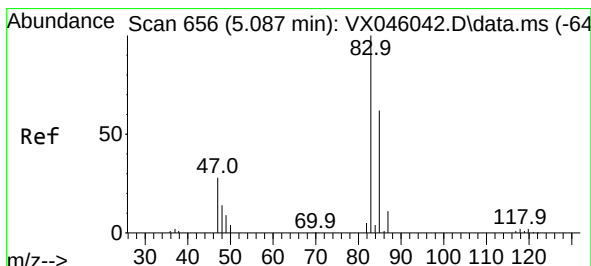
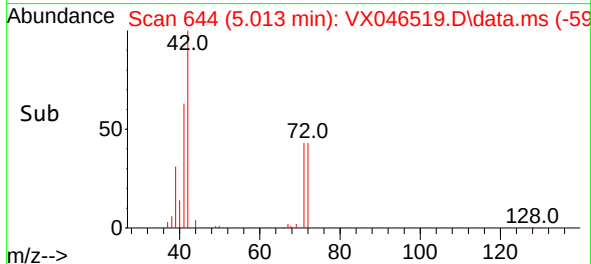
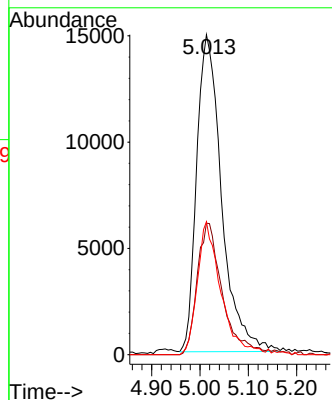
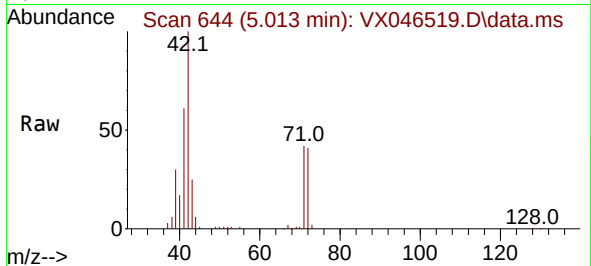
#29
Tetrahydrofuran
Concen: 93.158 ug/l
RT: 5.013 min Scan# 642
Delta R.T. -0.006 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 42 Resp: 5354
Ion Ratio Lower Upper
42 100
72 41.9 33.7 50.5
71 39.3 31.4 47.2

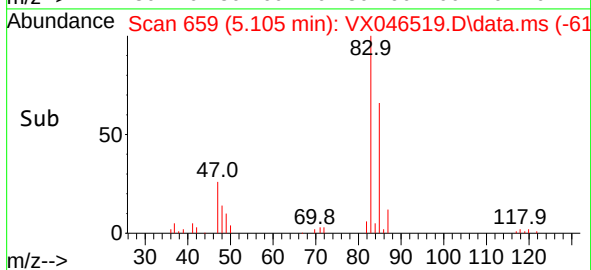
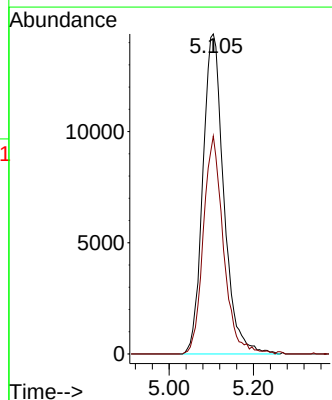
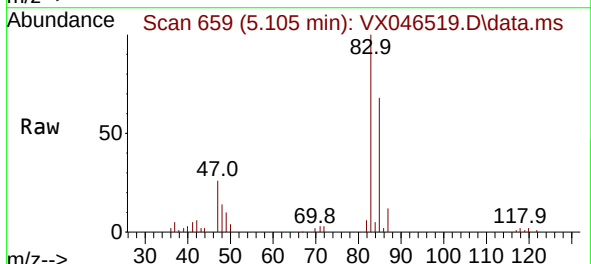
Manual Integrations
APPROVED

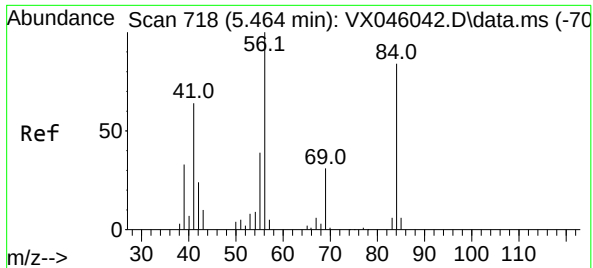
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#30
Chloroform
Concen: 20.208 ug/l
RT: 5.105 min Scan# 659
Delta R.T. -0.006 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

Tgt Ion: 83 Resp: 49854
Ion Ratio Lower Upper
83 100
85 68.1 49.3 73.9





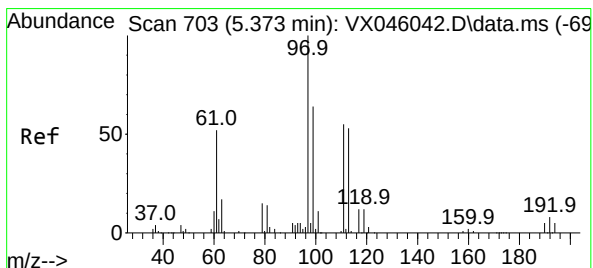
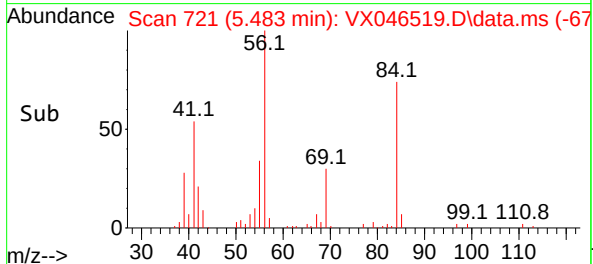
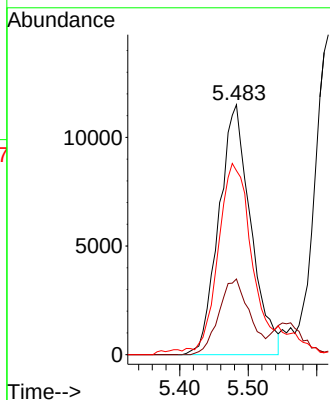
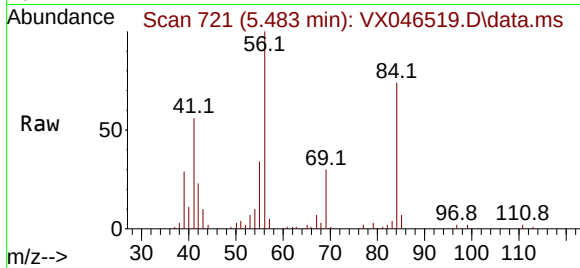
#31
Cyclohexane
Concen: 19.565 ug/l
RT: 5.483 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 37188
Ion Ratio Lower Upper
56 100
69 30.3 24.4 36.6
84 71.7 66.9 100.3

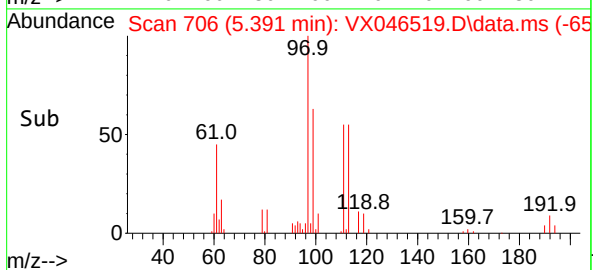
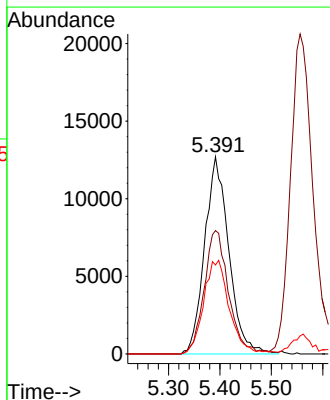
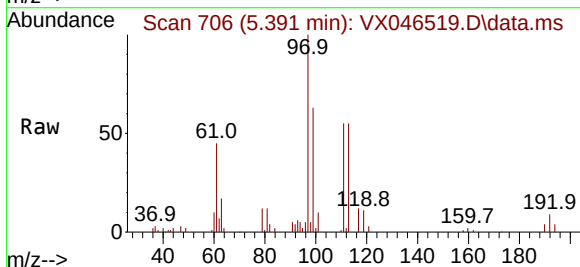
Manual Integrations
APPROVED

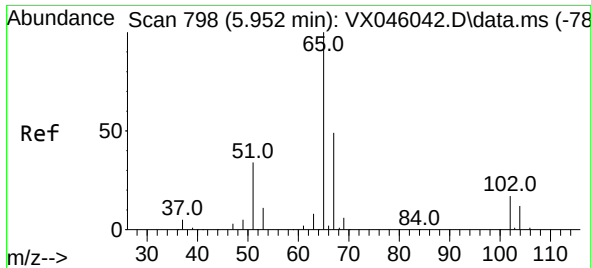
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#32
1,1,1-Trichloroethane
Concen: 19.705 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

Tgt Ion: 97 Resp: 41583
Ion Ratio Lower Upper
97 100
99 63.1 51.8 77.6
61 50.8 40.1 60.1





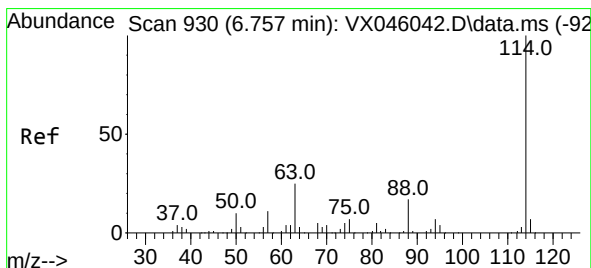
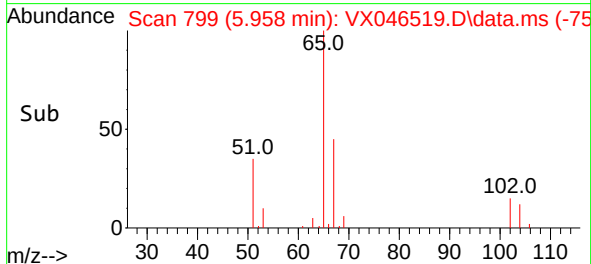
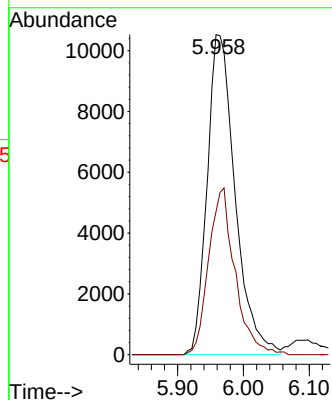
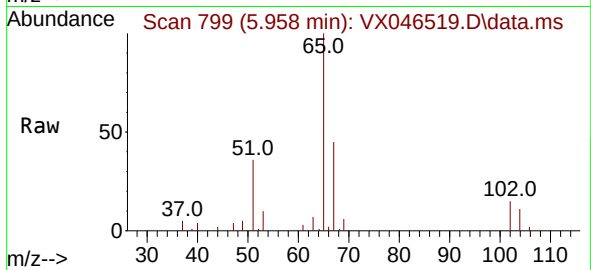
#33
1,2-Dichloroethane-d4
Concen: 19.069 ug/l
RT: 5.958 min Scan# 798
Delta R.T. -0.012 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 65 Resp: 3117
Ion Ratio Lower Upper
65 100
67 48.9 0.0 99.0

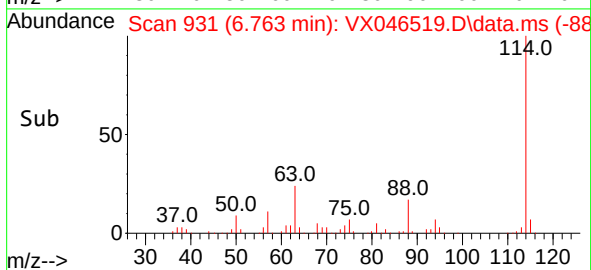
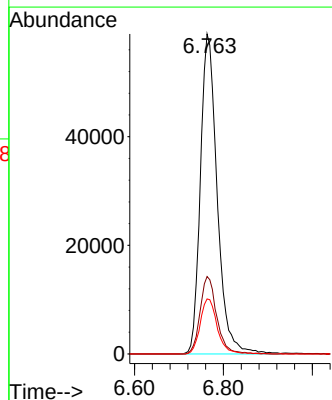
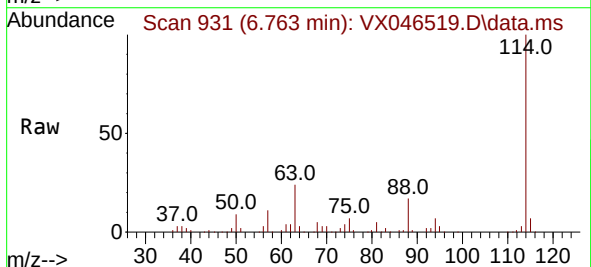
Manual Integrations
APPROVED

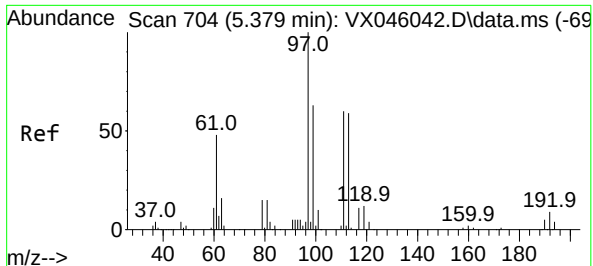
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.012 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

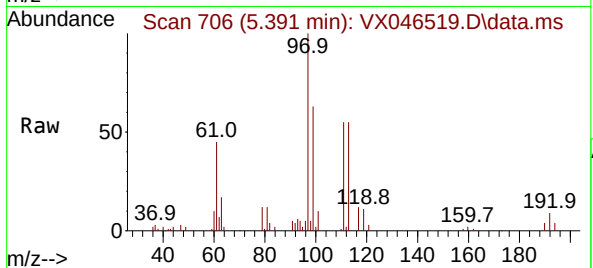
Tgt Ion:114 Resp: 155168
Ion Ratio Lower Upper
114 100
63 24.2 0.0 49.2
88 17.2 0.0 33.6





#35
Dibromofluoromethane
Concen: 19.203 ug/l
RT: 5.391 min Scan# 704
Delta R.T. -0.012 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

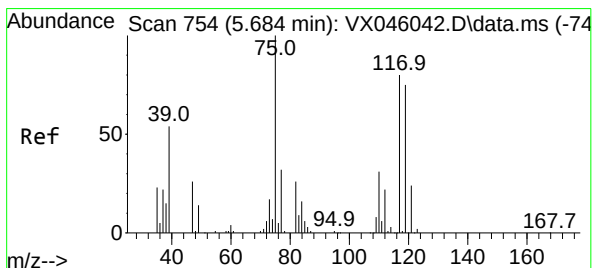
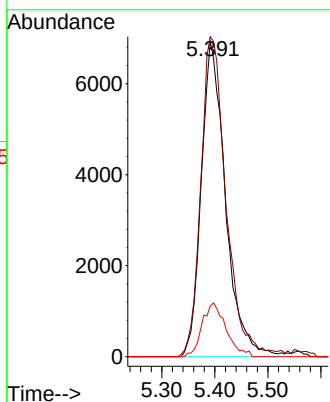
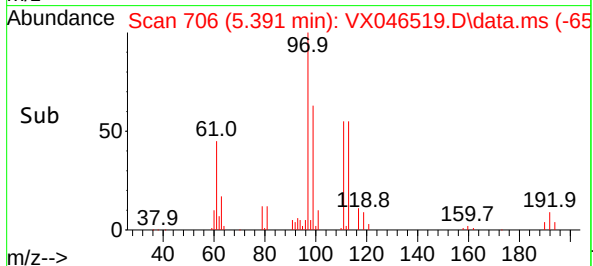
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 113 Resp: 2191
Ion Ratio Lower Upper
113 100
111 106.4 83.1 124.7
192 16.9 13.3 19.9

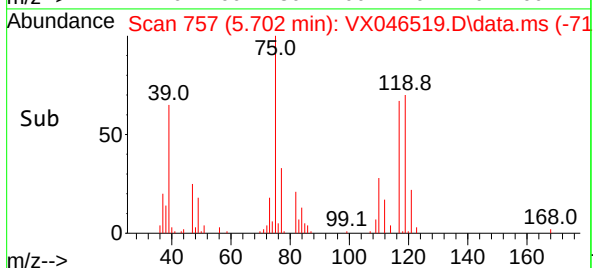
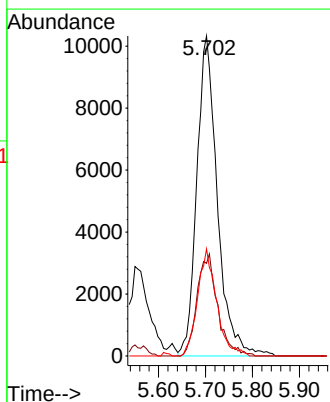
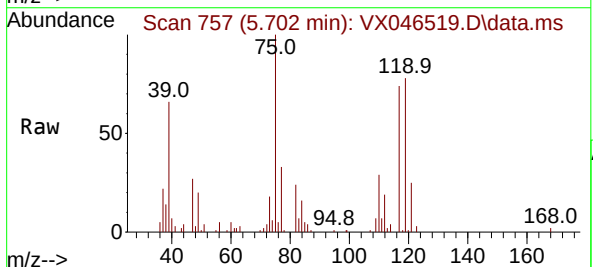
Manual Integrations
APPROVED

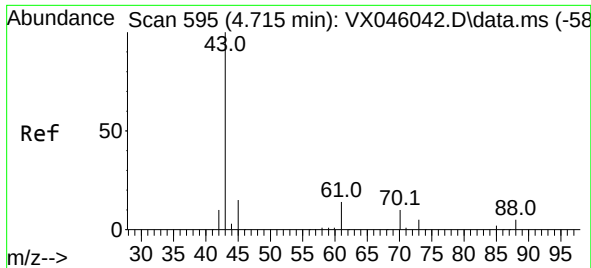
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#36
1,1-Dichloropropene
Concen: 19.262 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.012 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

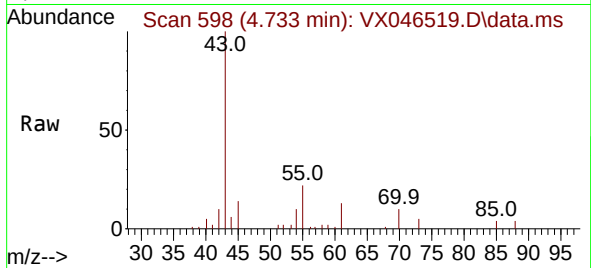
Tgt Ion: 75 Resp: 31397
Ion Ratio Lower Upper
75 100
110 31.7 16.3 48.9
77 31.0 24.3 36.5





#37
Ethyl Acetate
Concen: 20.357 ug/l
RT: 4.733 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

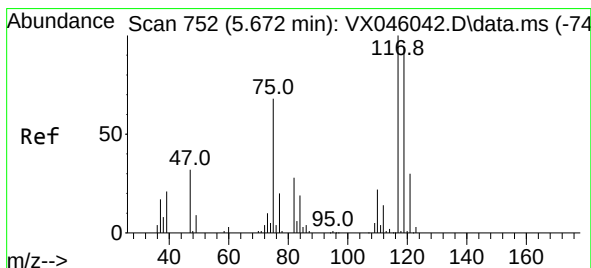
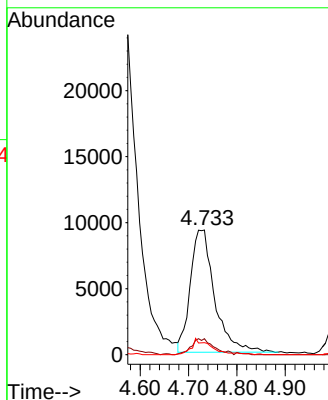
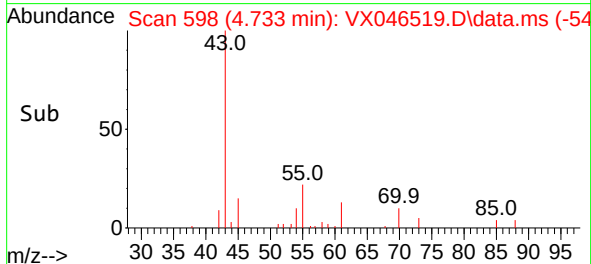
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 32379
Ion Ratio Lower Upper
43 100
61 11.9 10.3 15.5
70 10.6 7.9 11.9

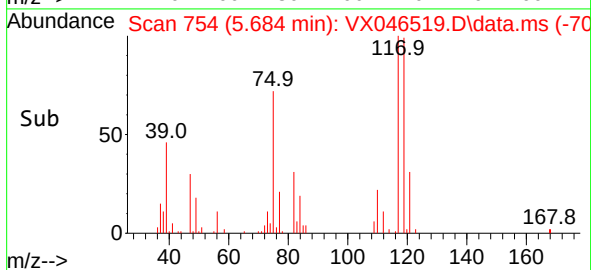
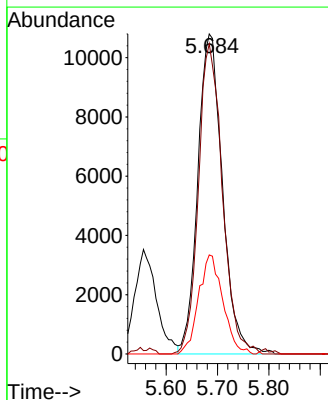
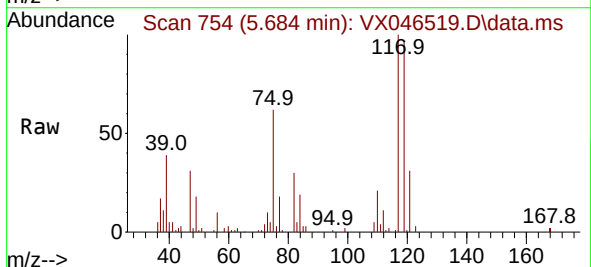
Manual Integrations
APPROVED

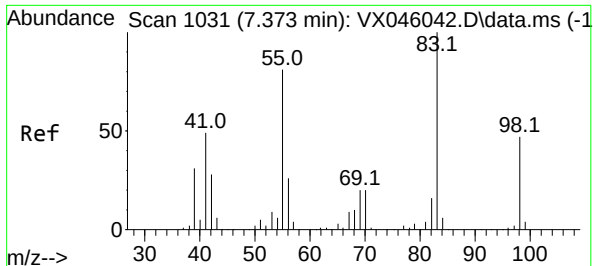
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#38
Carbon Tetrachloride
Concen: 19.695 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.012 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

Tgt Ion:117 Resp: 35956
Ion Ratio Lower Upper
117 100
119 96.5 75.2 112.8
121 31.0 24.2 36.4





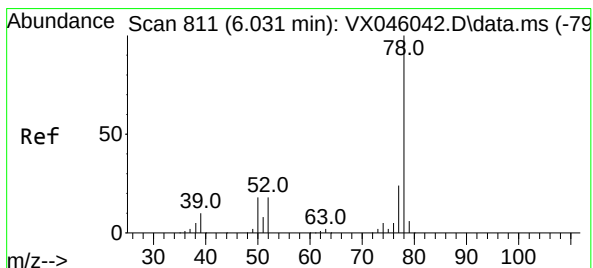
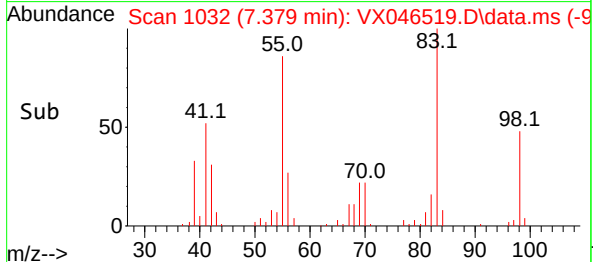
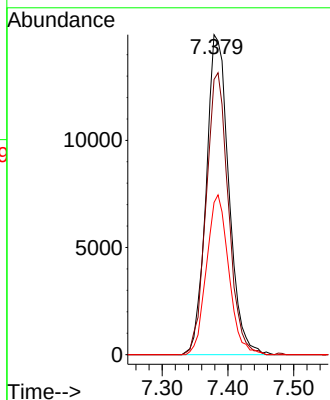
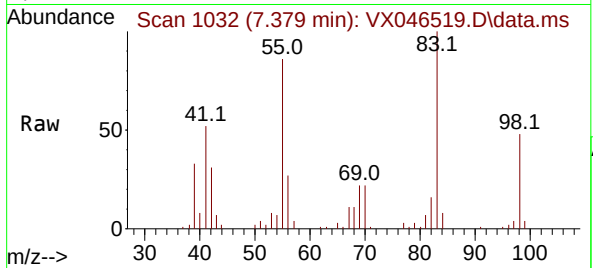
#39
Methylcyclohexane
Concen: 18.571 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.012 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 35729
Ion Ratio Lower Upper
83 100
55 86.0 64.7 97.1
98 47.6 37.4 56.2

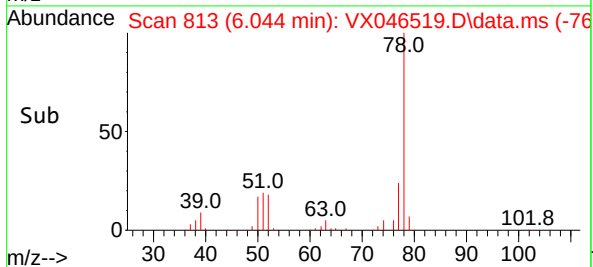
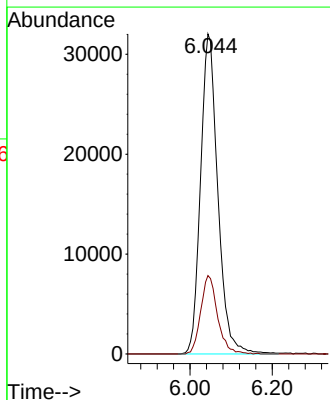
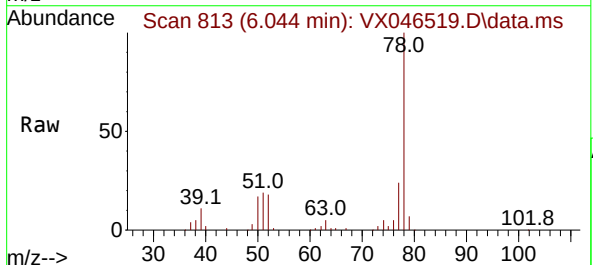
Manual Integrations
APPROVED

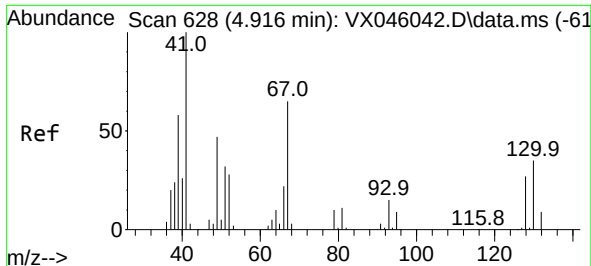
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#40
Benzene
Concen: 20.336 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.012 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

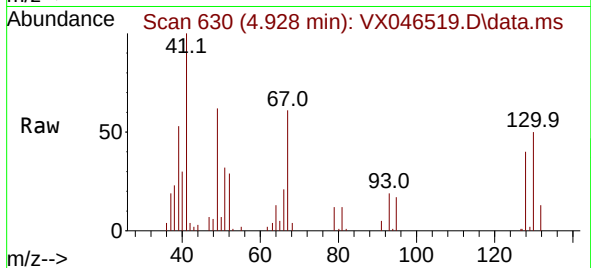
Tgt Ion: 78 Resp: 93317
Ion Ratio Lower Upper
78 100
77 24.5 19.0 28.4





#41
Methacrylonitrile
Concen: 21.027 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

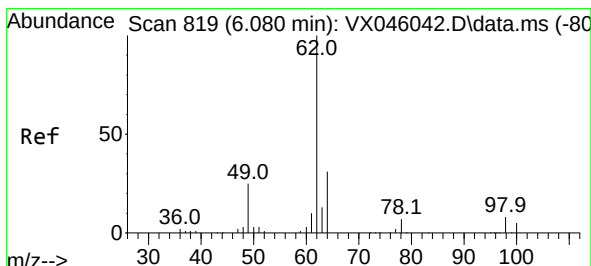
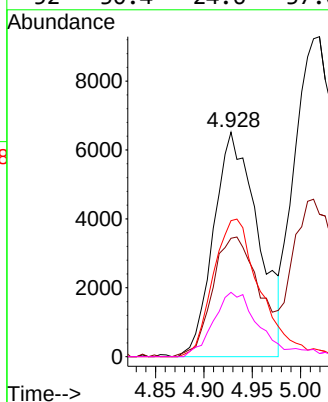
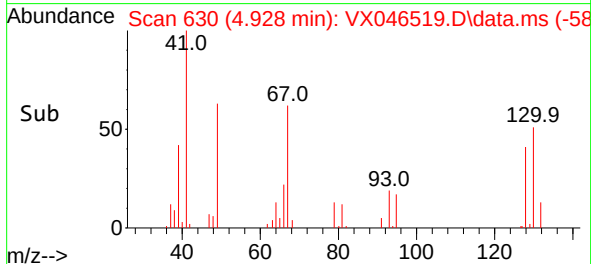
Instrument :
MSVOA_X
Client Sample Id :
VSTDICC020



Tgt Ion:	41	Resp:	2077
Ion	Ratio	Lower	Upper
41	100		
39	54.6	47.2	70.8
67	65.5	50.7	76.1
52	30.4	24.6	37.0

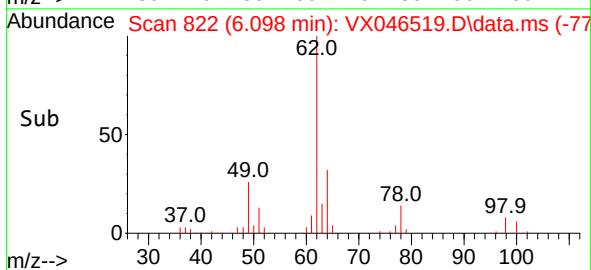
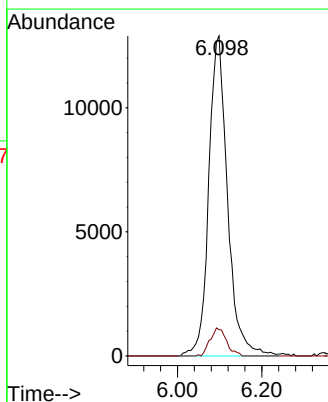
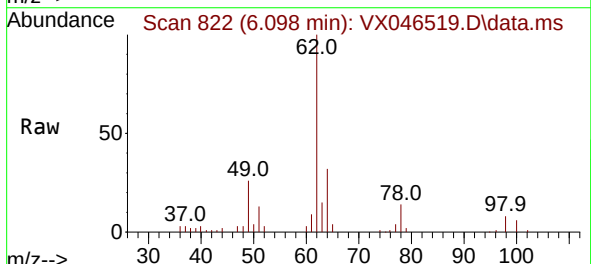
Manual Integrations
APPROVED

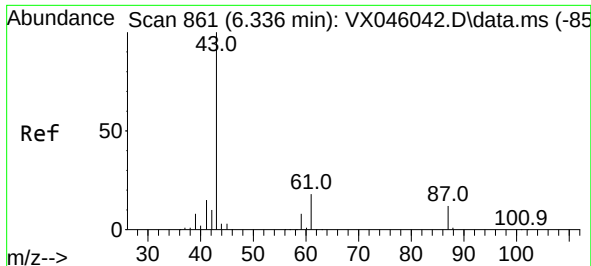
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#42
1,2-Dichloroethane
Concen: 20.832 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

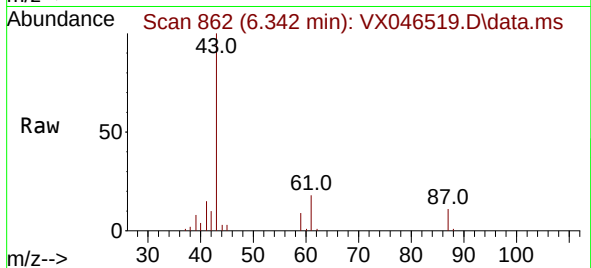
Tgt Ion:	62	Resp:	39768
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	15.2





#43
Isopropyl Acetate
Concen: 19.851 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.012 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

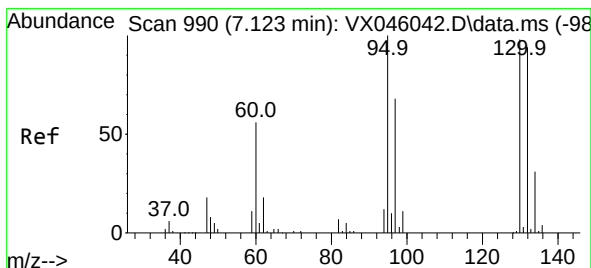
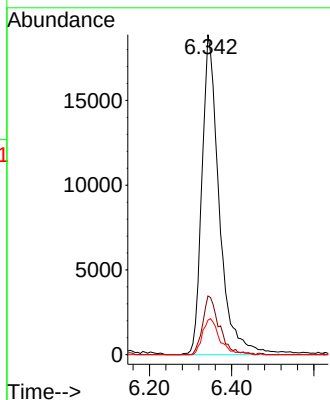
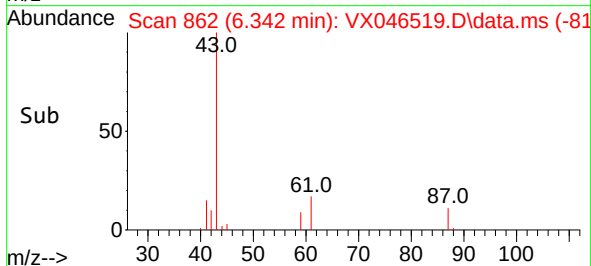
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 55054
Ion Ratio Lower Upper
43 100
61 17.6 14.3 21.5
87 11.2 9.5 14.3

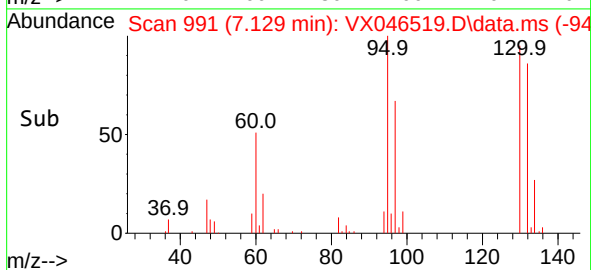
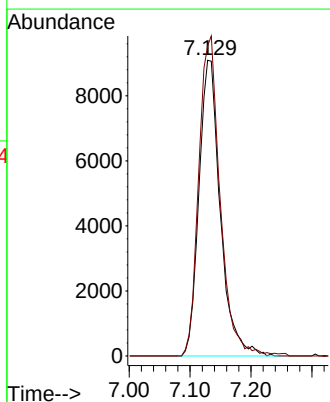
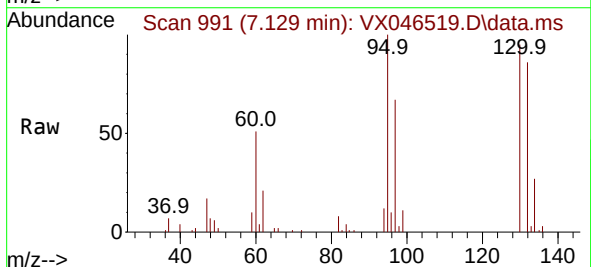
Manual Integrations
APPROVED

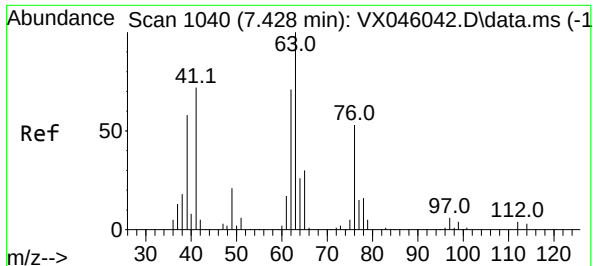
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#44
Trichloroethene
Concen: 18.950 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

Tgt Ion:130 Resp: 22094
Ion Ratio Lower Upper
130 100
95 104.9 0.0 204.2





#45

1,2-Dichloropropane

Concen: 20.760 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VX046519.D

Acq: 06 Jun 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 2458

Ion Ratio Lower Upper

63 100

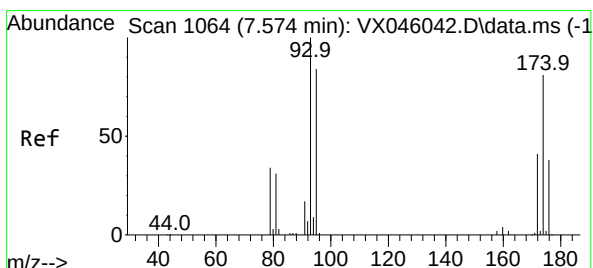
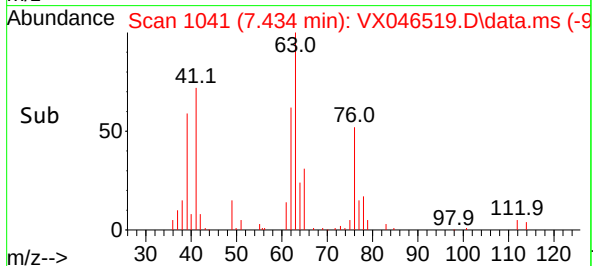
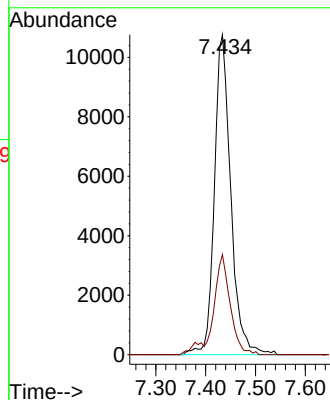
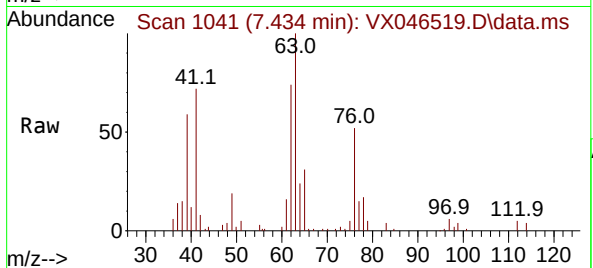
65 31.3 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2025

Supervised By :Mahesh Dadoda 06/09/2025



#46

Dibromomethane

Concen: 19.924 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX046519.D

Acq: 06 Jun 2025 10:18

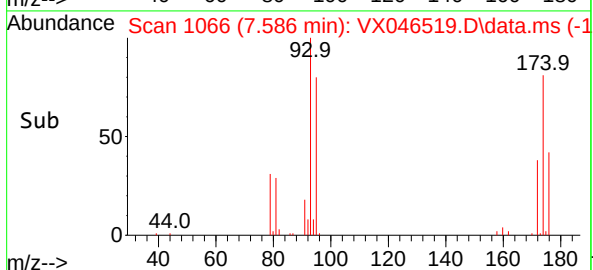
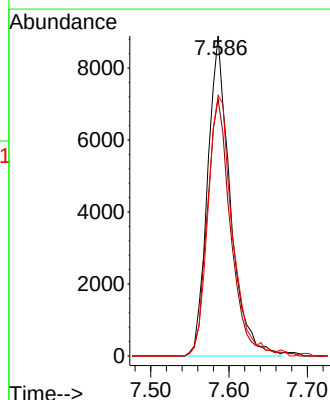
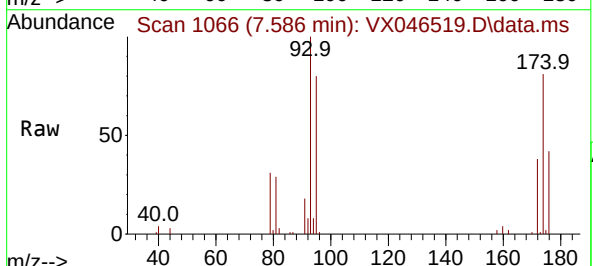
Tgt Ion: 93 Resp: 17753

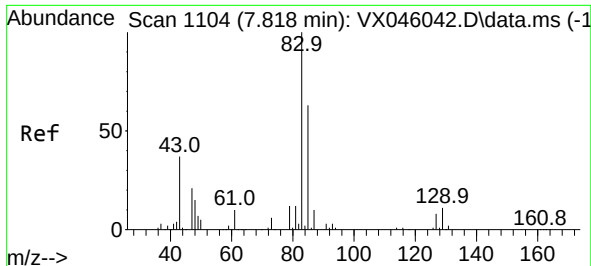
Ion Ratio Lower Upper

93 100

95 83.7 65.6 98.4

174 88.4 68.2 102.2





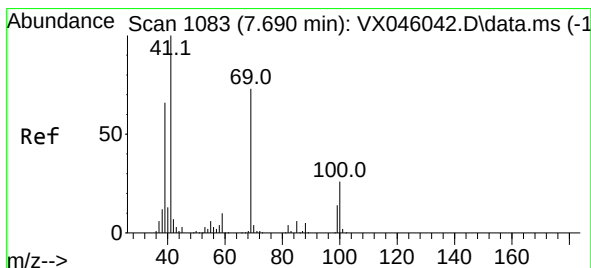
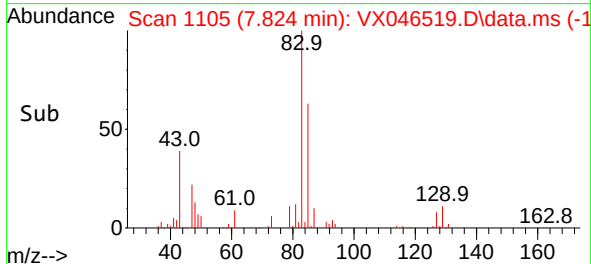
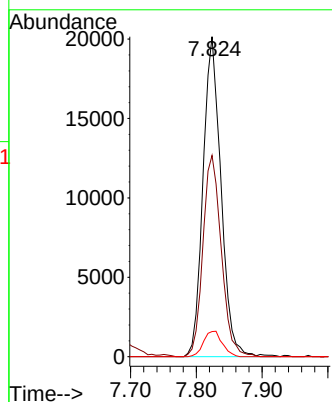
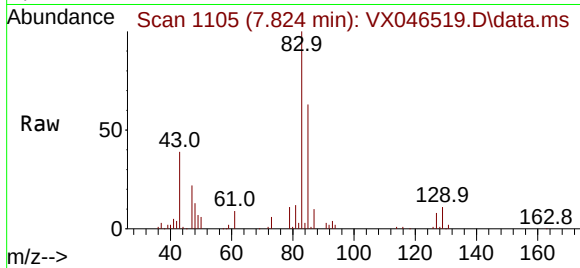
#47
Bromodichloromethane
Concen: 20.919 ug/l
RT: 7.824 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 3832
Ion Ratio Lower Upper
83 100
85 62.9 50.5 75.7
127 7.9 6.5 9.7

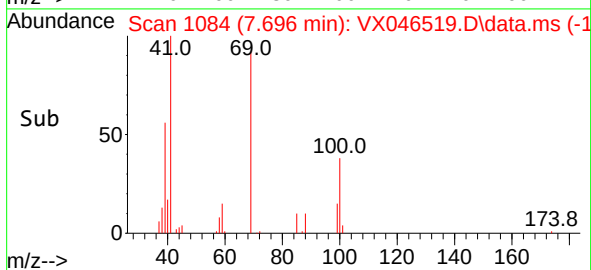
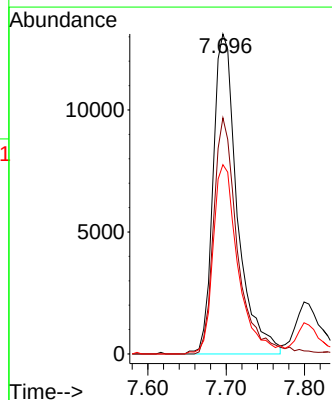
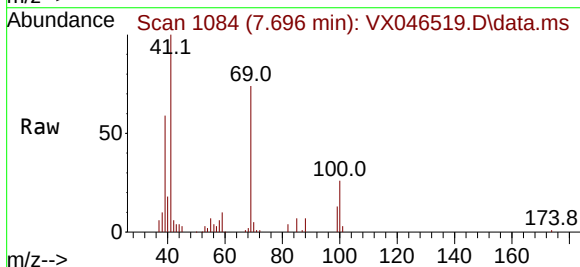
Manual Integrations
APPROVED

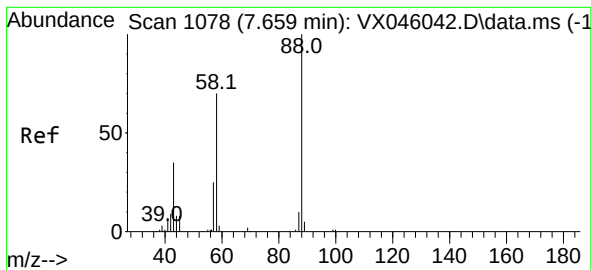
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#48
Methyl methacrylate
Concen: 19.755 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.006 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

Tgt Ion: 41 Resp: 28189
Ion Ratio Lower Upper
41 100
69 73.6 58.5 87.7
39 61.4 51.7 77.5





#49

1,4-Dioxane

Concen: 425.896 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. -0.006 min

Lab File: VX046519.D

Acq: 06 Jun 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

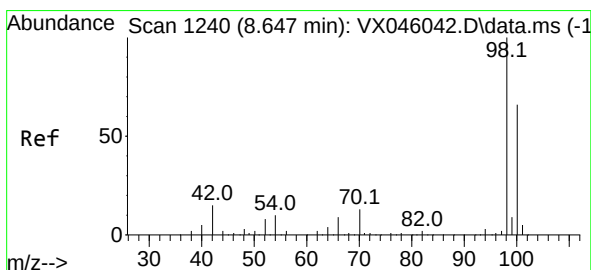
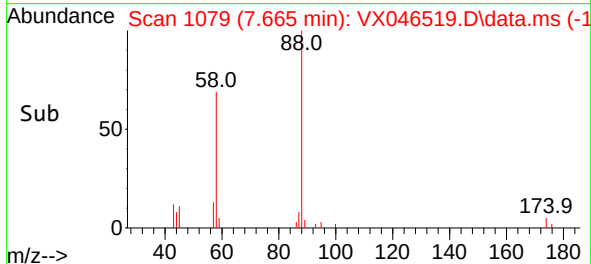
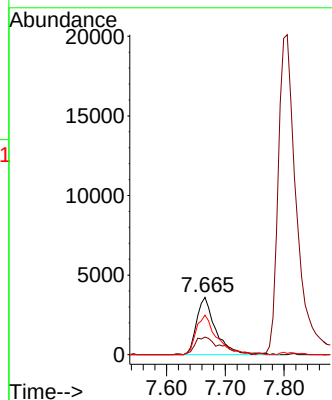
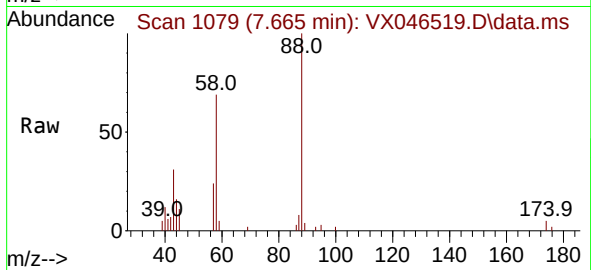
Tgt Ion:	88	Resp:	812
Ion Ratio	Lower	Upper	
88	100		
43	42.6	33.4	50.2
58	73.5	58.6	88.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2025

Supervised By :Mahesh Dadoda 06/09/2025



#50

Toluene-d8

Concen: 19.116 ug/l

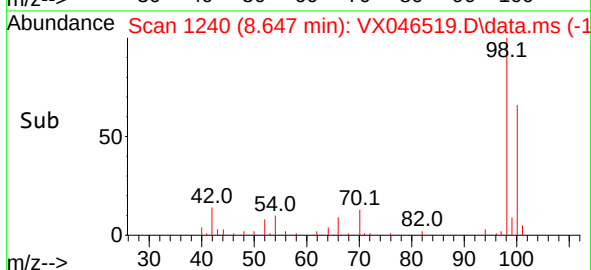
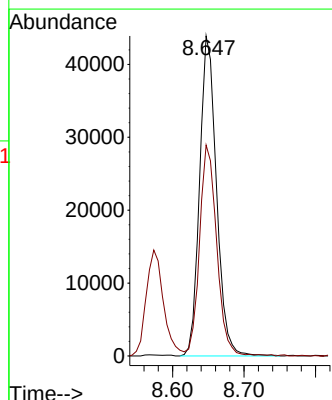
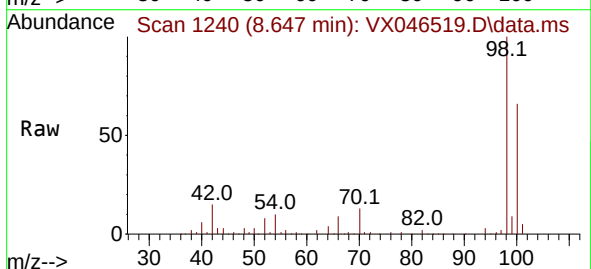
RT: 8.647 min Scan# 1240

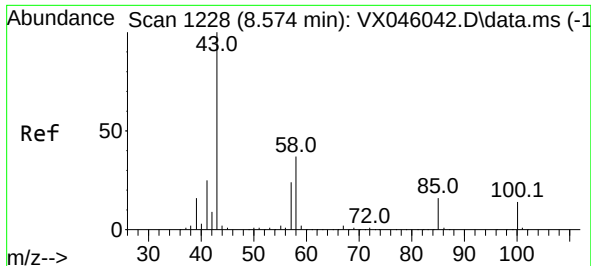
Delta R.T. -0.006 min

Lab File: VX046519.D

Acq: 06 Jun 2025 10:18

Tgt Ion:	98	Resp:	71915
Ion Ratio	Lower	Upper	
98	100		
100	67.1	53.5	80.3





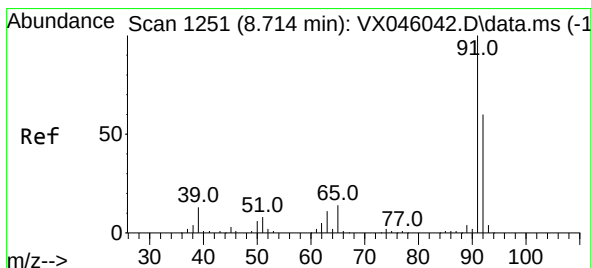
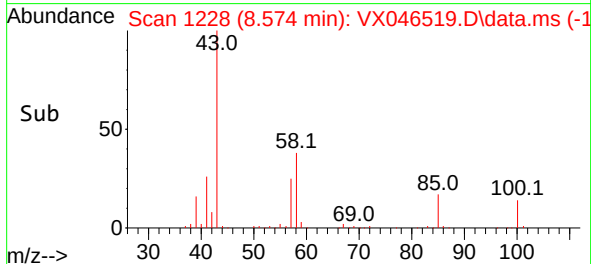
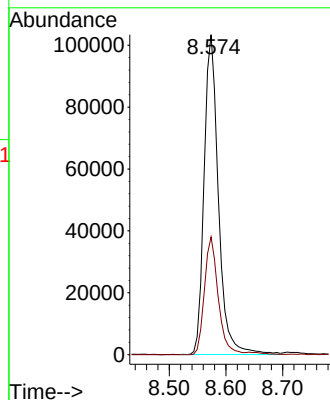
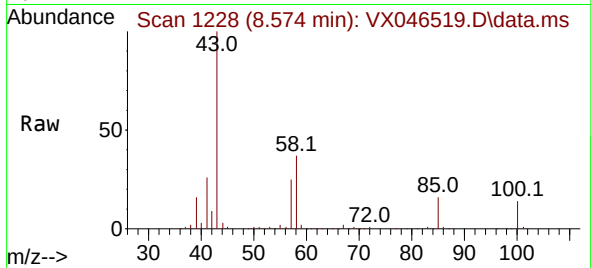
#51
4-Methyl-2-Pentanone
Concen: 102.687 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 180974
Ion Ratio Lower Upper
43 100
58 35.4 28.9 43.3

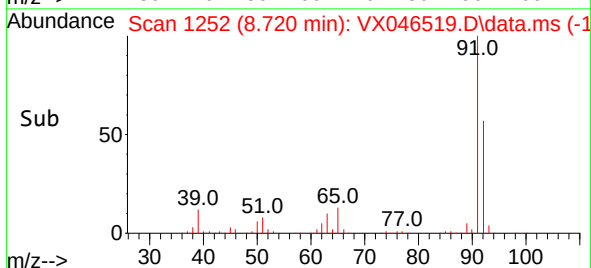
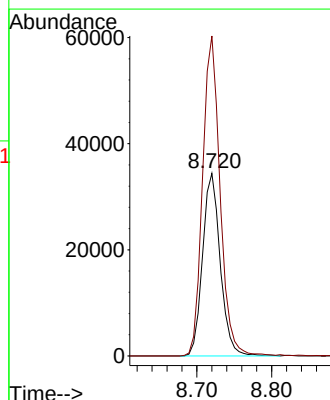
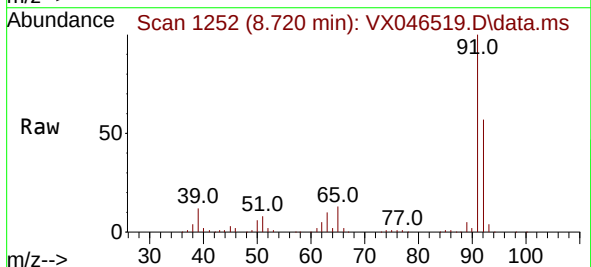
Manual Integrations
APPROVED

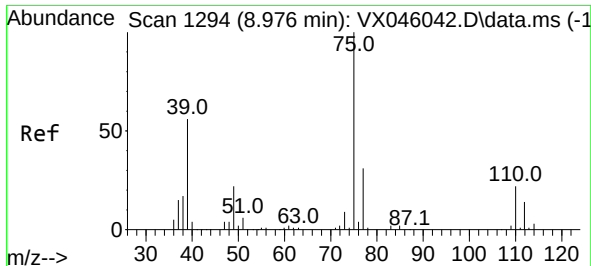
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#52
Toluene
Concen: 20.055 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

Tgt Ion: 92 Resp: 56537
Ion Ratio Lower Upper
92 100
91 173.4 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 19.817 ug/l

RT: 8.976 min Scan# 1195

Delta R.T. -0.006 min

Lab File: VX046519.D

Acq: 06 Jun 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 75 Resp: 3255

Ion Ratio Lower Upper

75 100

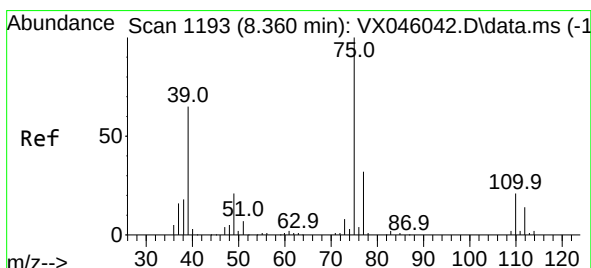
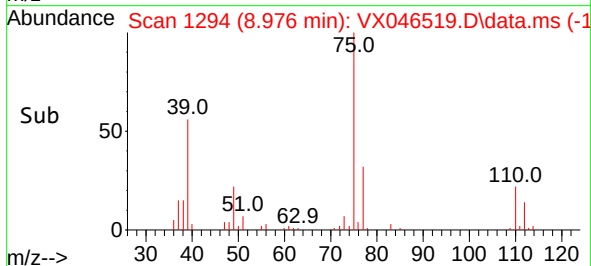
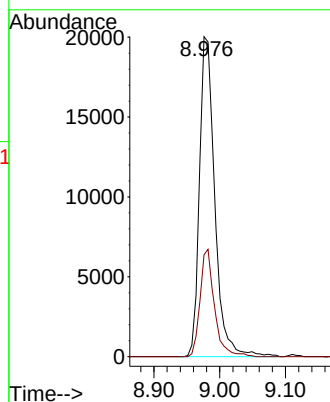
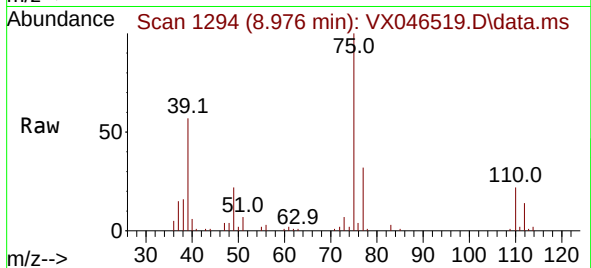
77 31.8 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2025

Supervised By :Mahesh Dadoda 06/09/2025



#54

cis-1,3-Dichloropropene

Concen: 19.716 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX046519.D

Acq: 06 Jun 2025 10:18

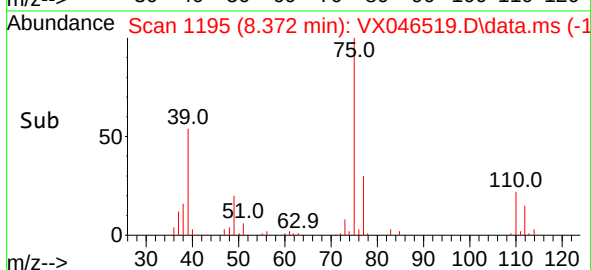
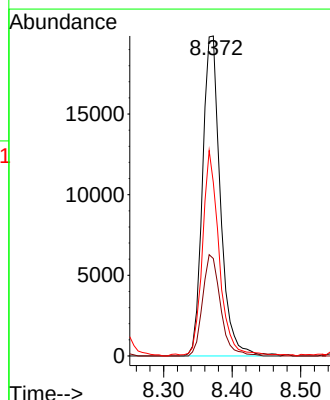
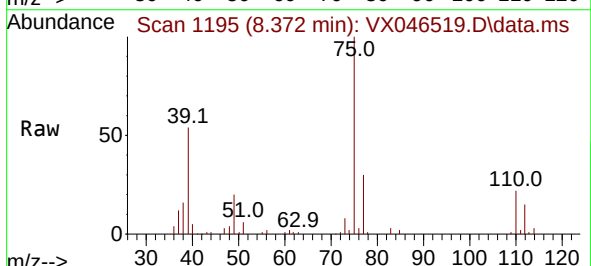
Tgt Ion: 75 Resp: 36009

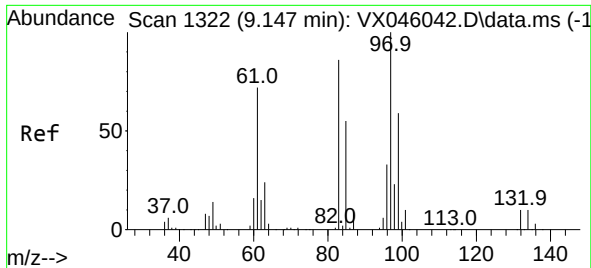
Ion Ratio Lower Upper

75 100

77 30.4 25.4 38.0

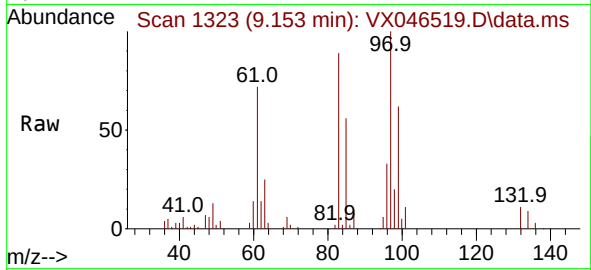
39 53.8 52.2 78.4





#55
1,1,2-Trichloroethane
Concen: 21.322 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

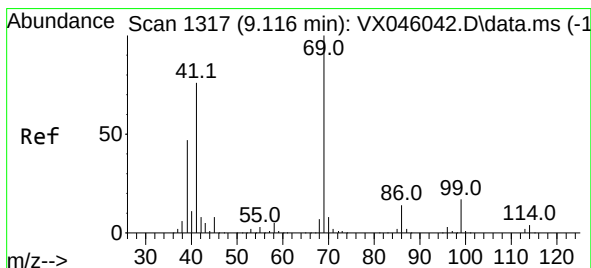
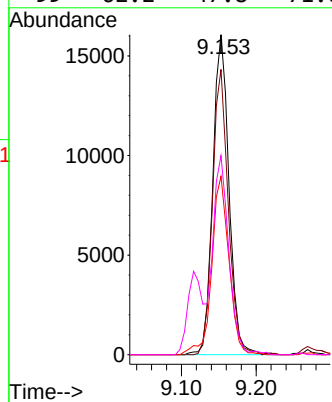
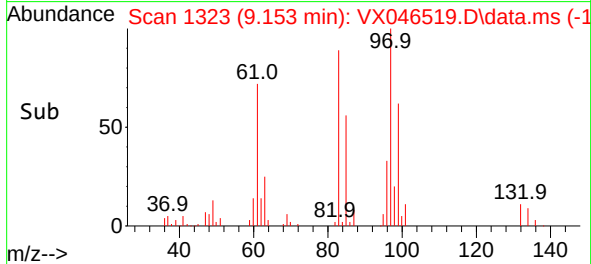
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 97 Resp: 24130
Ion Ratio Lower Upper
97 100
83 89.2 69.0 103.6
85 55.8 44.3 66.5
99 62.2 47.8 71.6

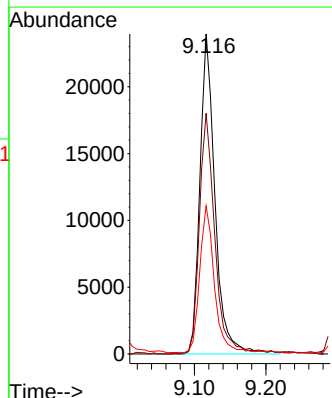
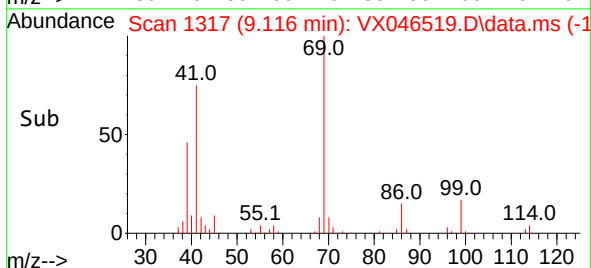
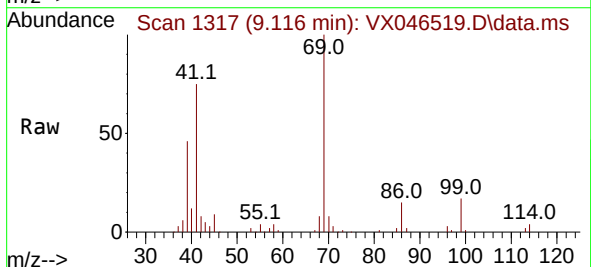
Manual Integrations
APPROVED

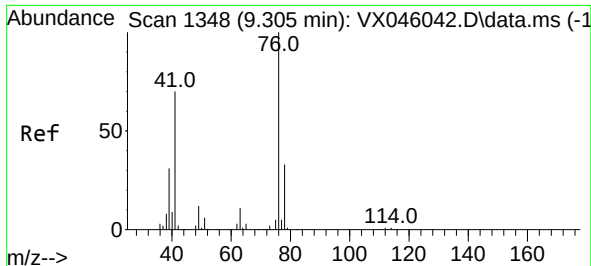
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#56
Ethyl methacrylate
Concen: 20.176 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

Tgt Ion: 69 Resp: 35137
Ion Ratio Lower Upper
69 100
41 76.4 60.8 91.2
39 44.2 39.0 58.6





#57

1,3-Dichloropropane

Concen: 20.653 ug/l

RT: 9.305 min Scan# 1174

Delta R.T. -0.006 min

Lab File: VX046519.D

Acq: 06 Jun 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 41300

Ion Ratio Lower Upper

76 100

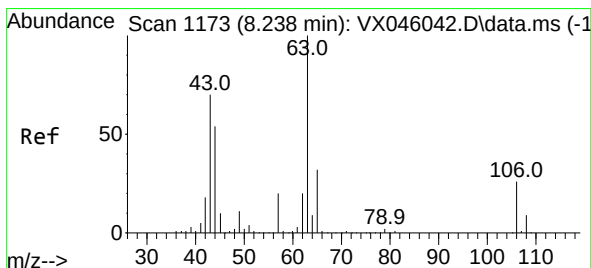
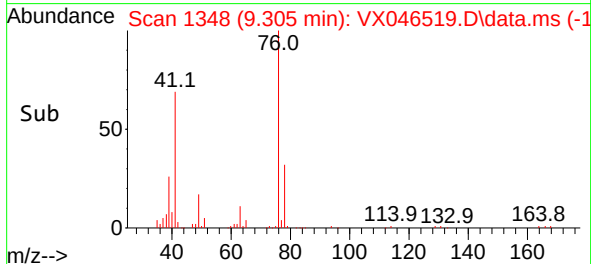
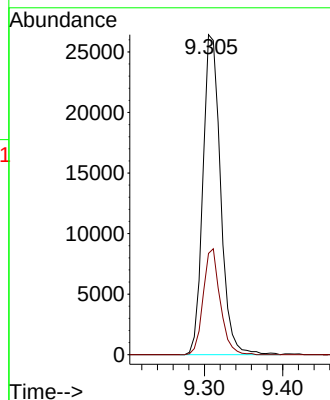
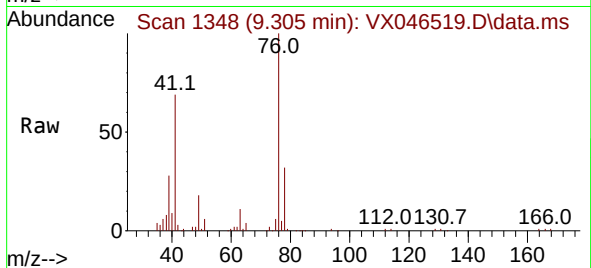
78 31.8 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2025

Supervised By :Mahesh Dadoda 06/09/2025



#58

2-Chloroethyl Vinyl ether

Concen: 98.650 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX046519.D

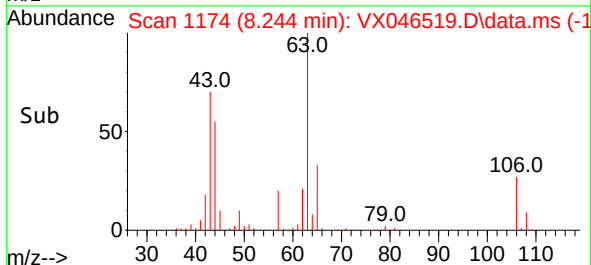
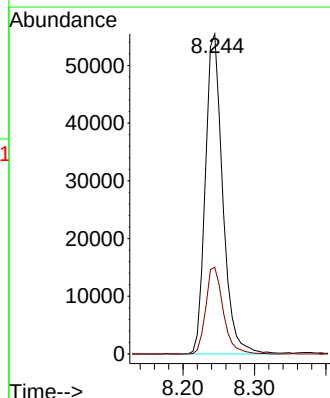
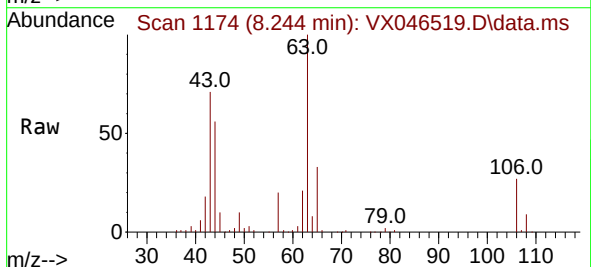
Acq: 06 Jun 2025 10:18

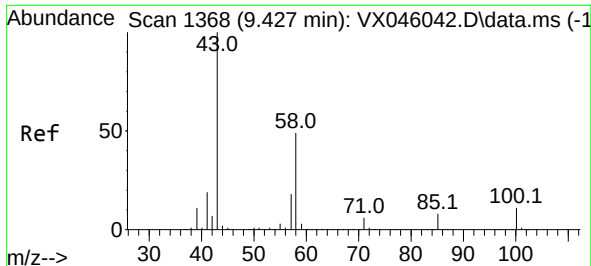
Tgt Ion: 63 Resp: 93580

Ion Ratio Lower Upper

63 100

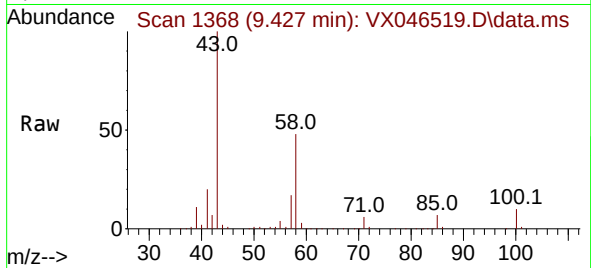
106 27.3 21.5 32.3





#59
2-Hexanone
Concen: 102.032 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

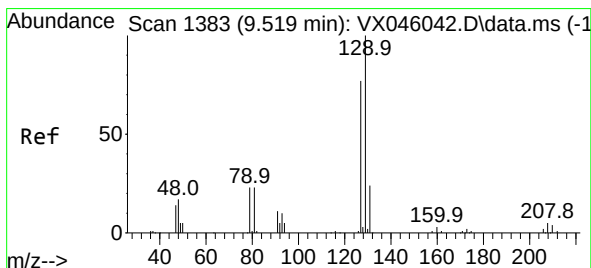
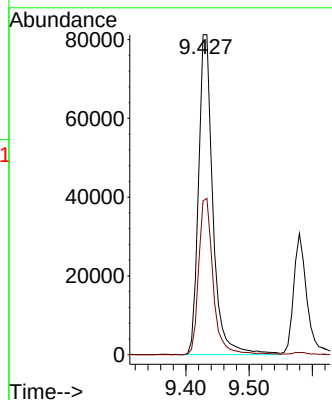
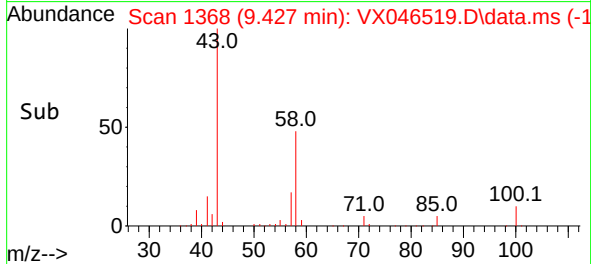
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 128964
Ion Ratio Lower Upper
43 100
58 49.1 24.9 74.6

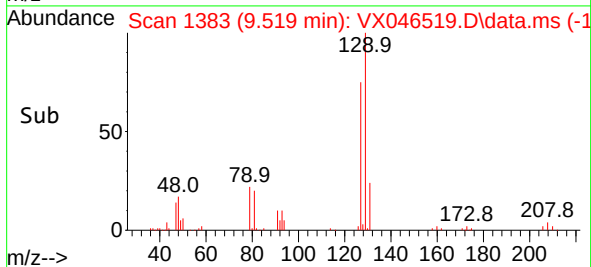
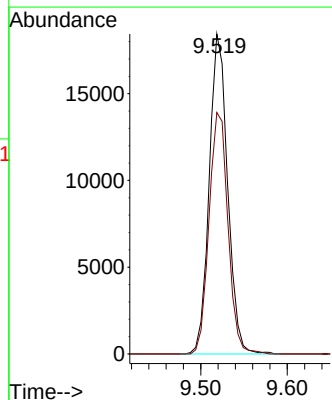
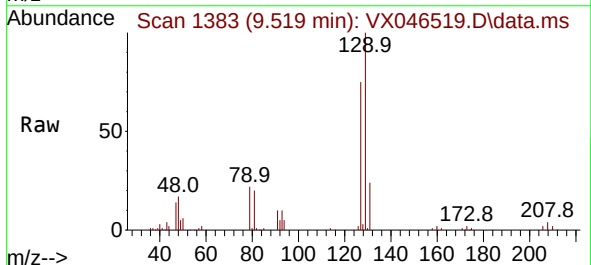
Manual Integrations
APPROVED

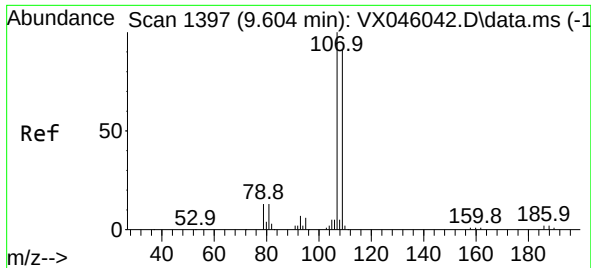
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#60
Dibromochloromethane
Concen: 20.414 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

Tgt Ion:129 Resp: 27175
Ion Ratio Lower Upper
129 100
127 77.8 39.3 117.8





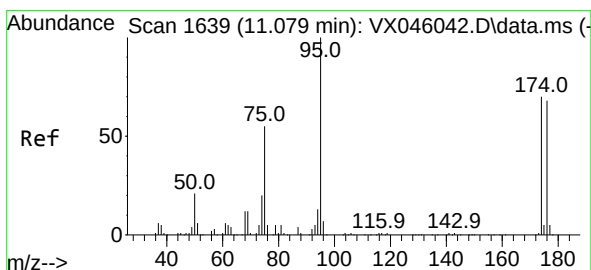
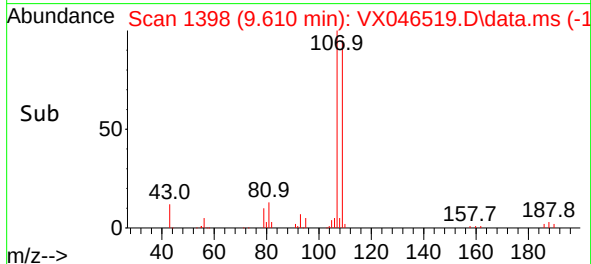
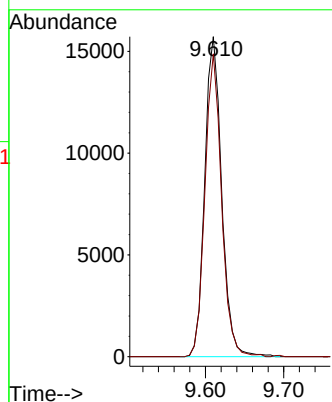
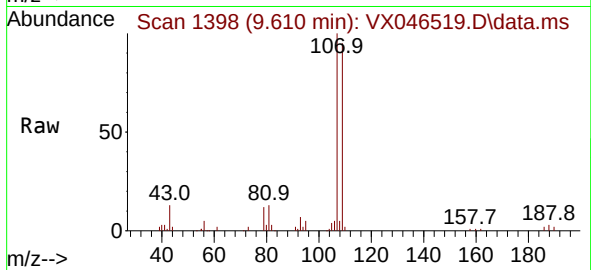
#61
1,2-Dibromoethane
Concen: 19.996 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 2358
Ion Ratio Lower Upper
107 100
109 92.7 73.3 109.9

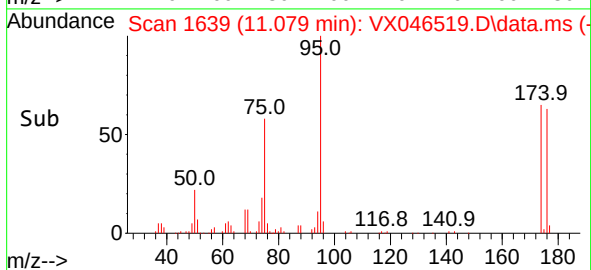
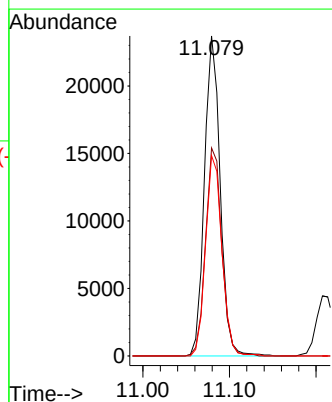
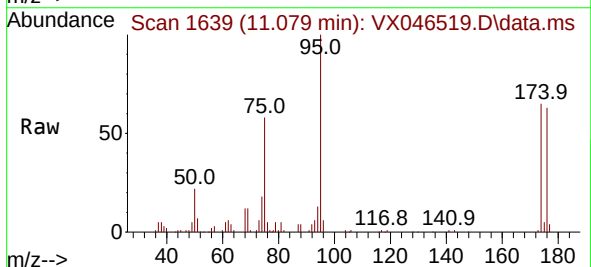
Manual Integrations
APPROVED

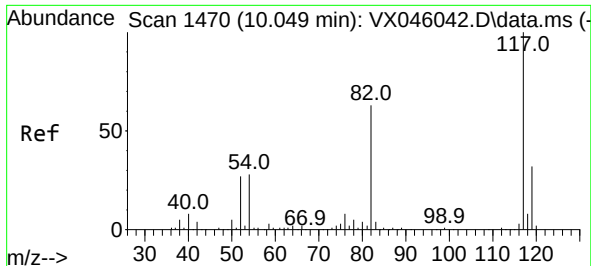
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#62
4-Bromofluorobenzene
Concen: 19.224 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

Tgt Ion: 95 Resp: 29923
Ion Ratio Lower Upper
95 100
174 67.2 0.0 135.8
176 65.0 0.0 131.4





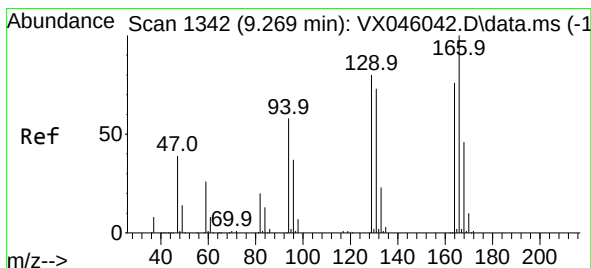
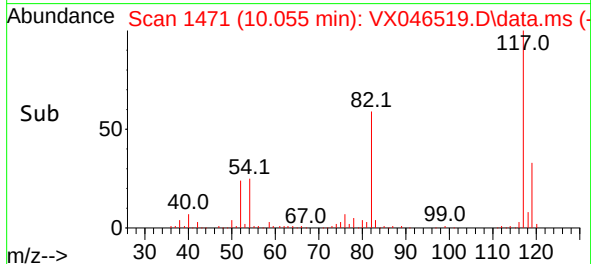
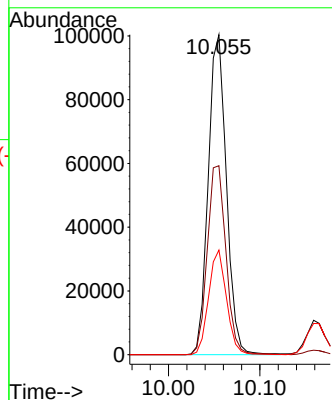
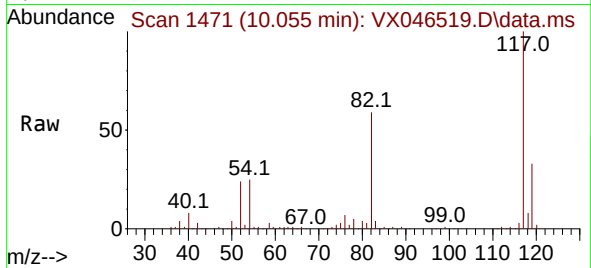
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:117 Resp: 13817
Ion Ratio Lower Upper
117 100
82 59.0 50.6 76.0
119 32.7 25.8 38.6

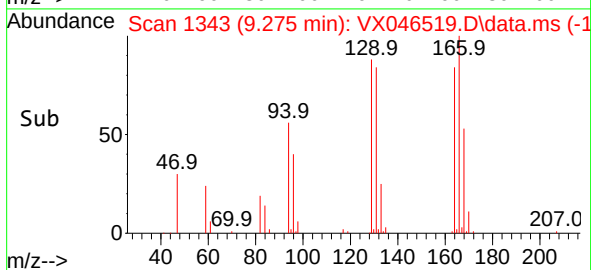
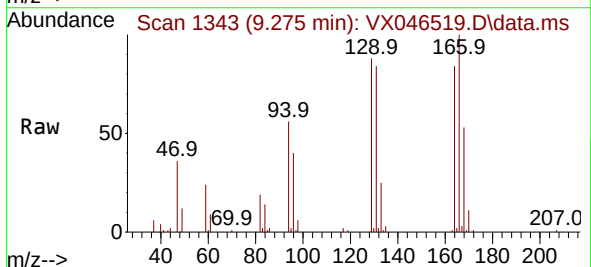
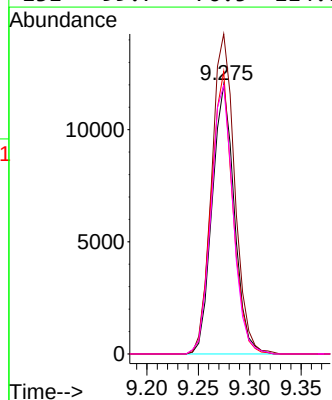
Manual Integrations
APPROVED

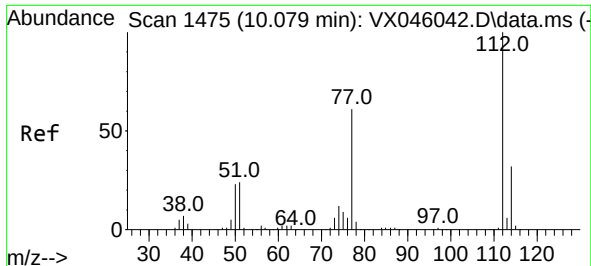
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#64
Tetrachloroethene
Concen: 19.362 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

Tgt Ion:164 Resp: 17890
Ion Ratio Lower Upper
164 100
166 118.7 105.0 157.6
129 104.8 83.5 125.3
131 99.7 76.5 114.7





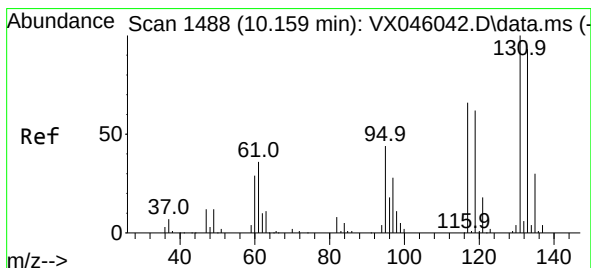
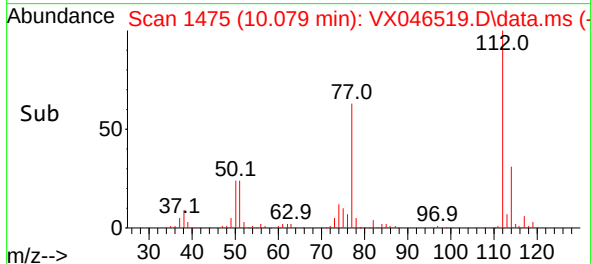
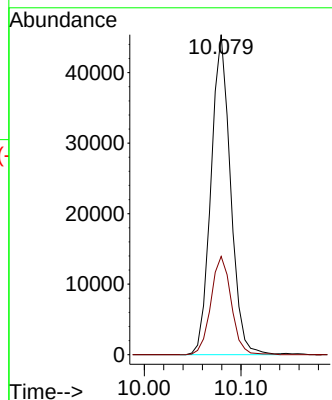
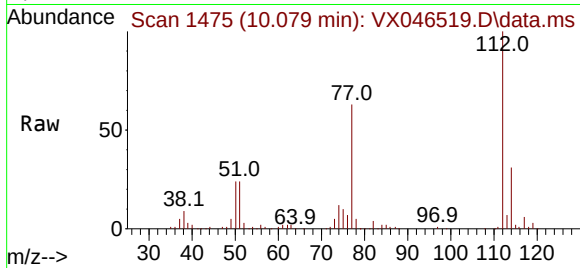
#65
Chlorobenzene
Concen: 19.600 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 6369
Ion Ratio Lower Upper
112 100
114 30.7 25.4 38.2

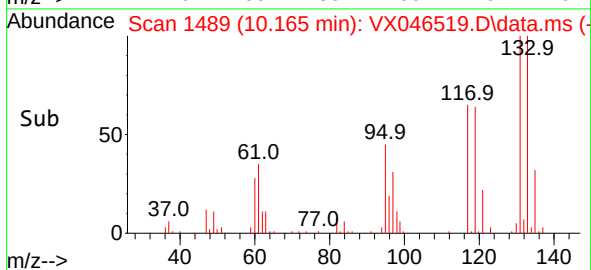
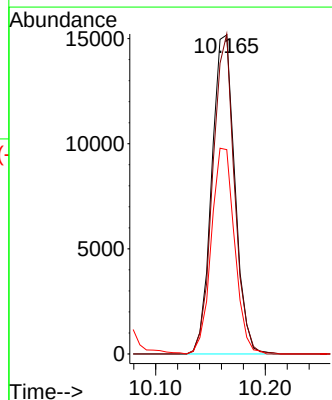
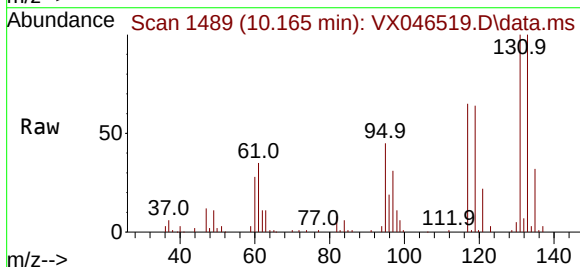
Manual Integrations
APPROVED

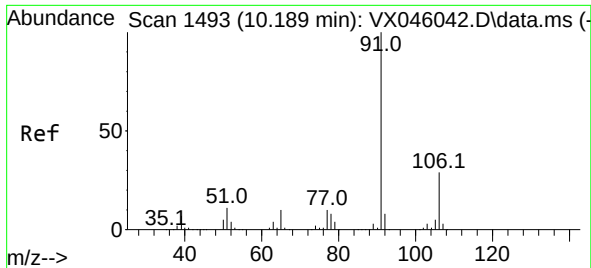
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 20.205 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

Tgt Ion:131 Resp: 22188
Ion Ratio Lower Upper
131 100
133 94.4 47.3 141.9
119 64.9 31.6 95.0





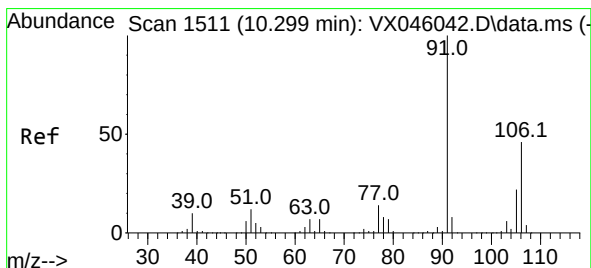
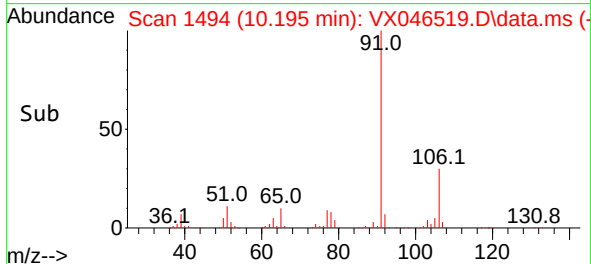
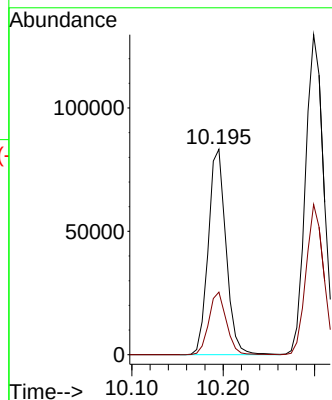
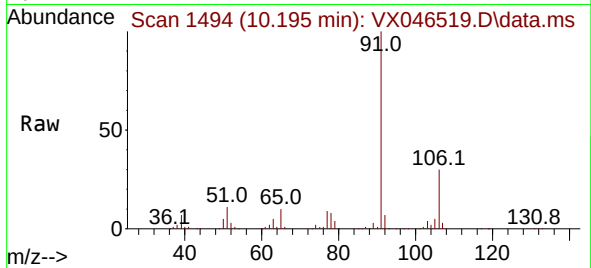
#67
Ethyl Benzene
Concen: 19.765 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 11212
Ion Ratio Lower Upper
91 100
106 30.4 23.4 35.2

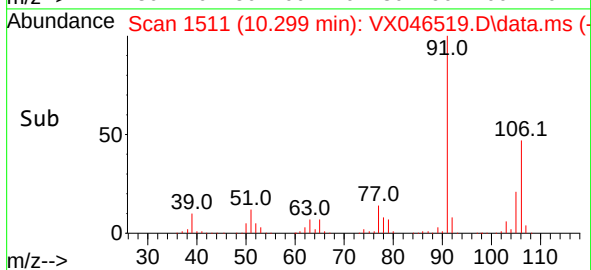
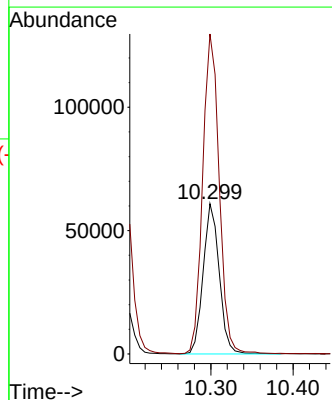
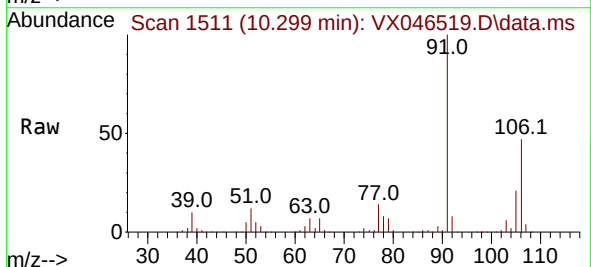
Manual Integrations
APPROVED

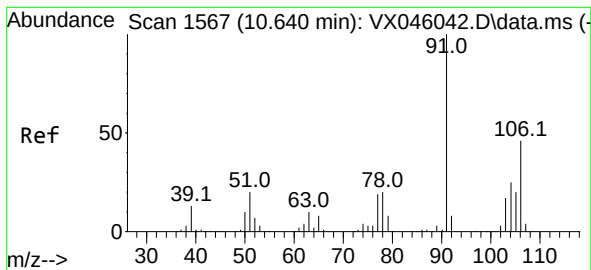
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#68
m/p-Xylenes
Concen: 40.272 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

Tgt Ion:106 Resp: 82876
Ion Ratio Lower Upper
106 100
91 218.4 171.2 256.8





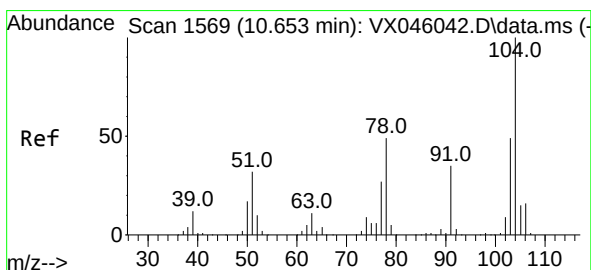
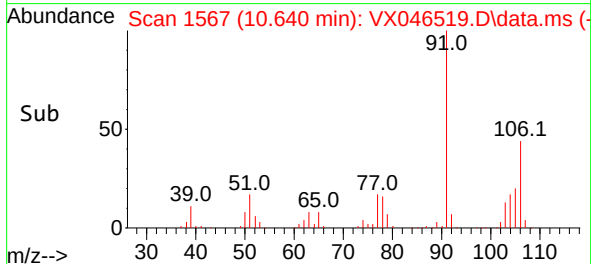
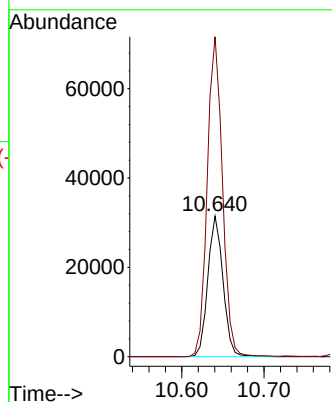
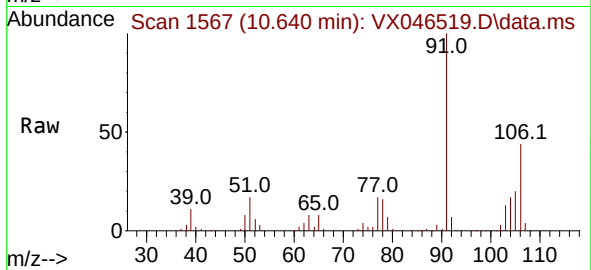
#69
o-Xylene
Concen: 20.304 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 4041
Ion Ratio Lower Upper
106 100
91 227.7 112.7 338.1

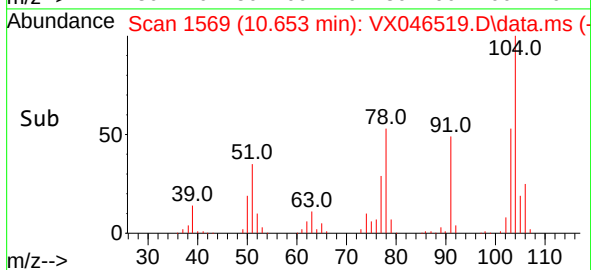
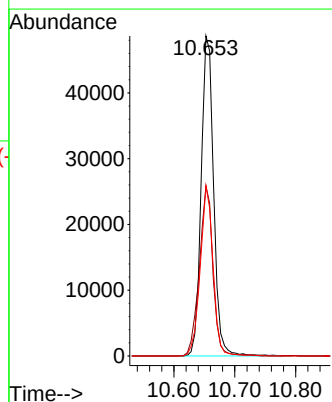
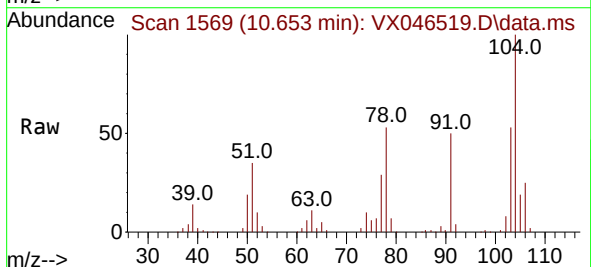
Manual Integrations
APPROVED

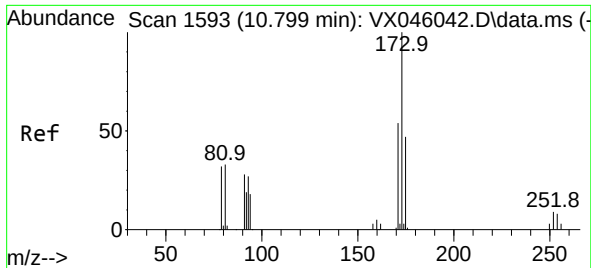
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#70
Styrene
Concen: 20.388 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

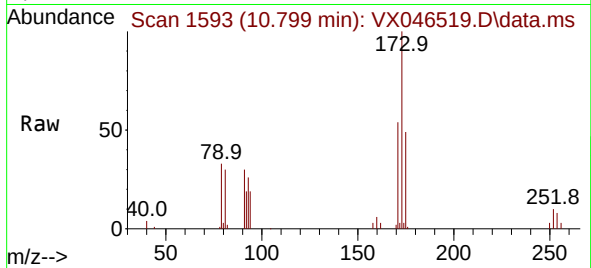
Tgt Ion:104 Resp: 69469
Ion Ratio Lower Upper
104 100
78 57.6 45.7 68.5
103 54.7 43.7 65.5





#71
Bromoform
Concen: 19.817 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

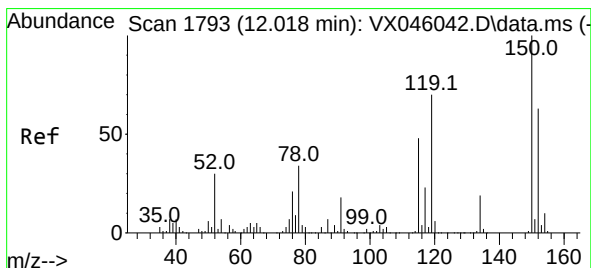
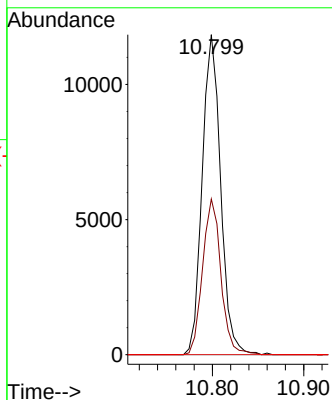
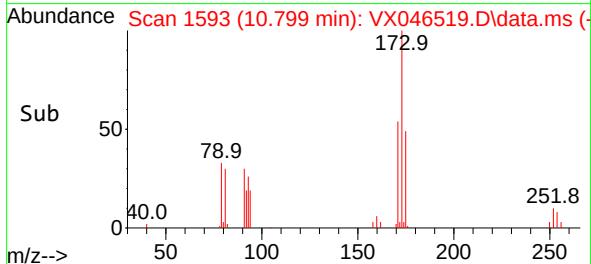
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:173 Resp: 16593
Ion Ratio Lower Upper
173 100
175 48.5 23.4 70.0
254 0.0 0.0 0.0

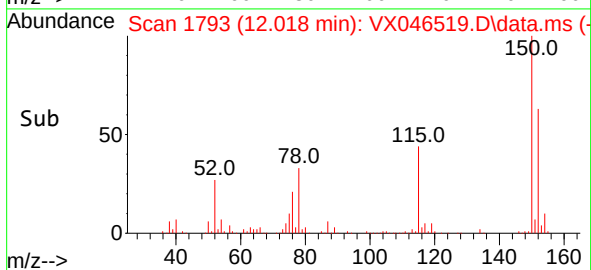
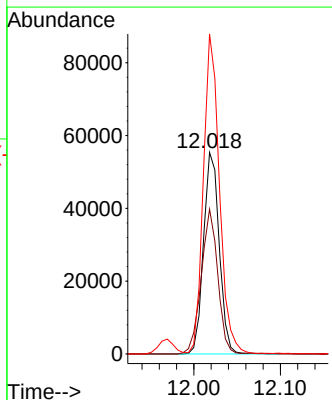
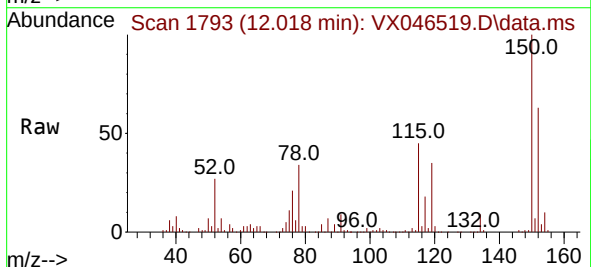
Manual Integrations
APPROVED

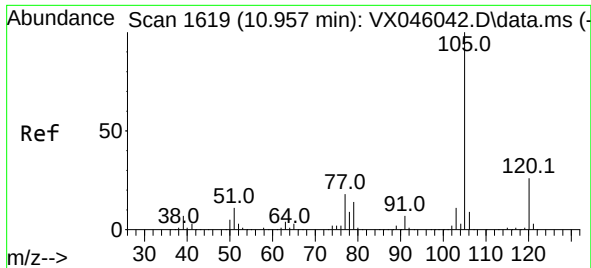
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

Tgt Ion:152 Resp: 69785
Ion Ratio Lower Upper
152 100
115 75.7 46.9 140.7
150 161.6 0.0 351.0





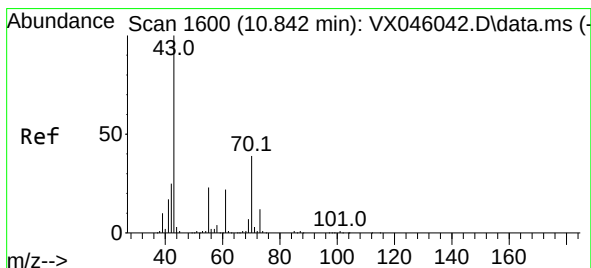
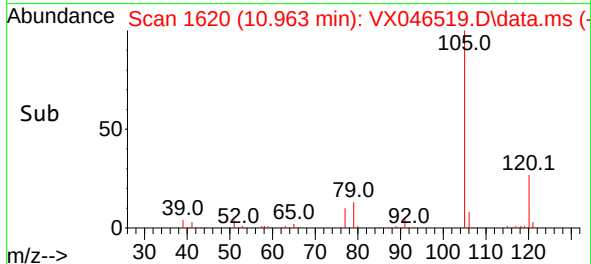
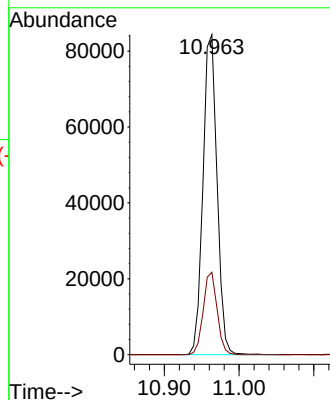
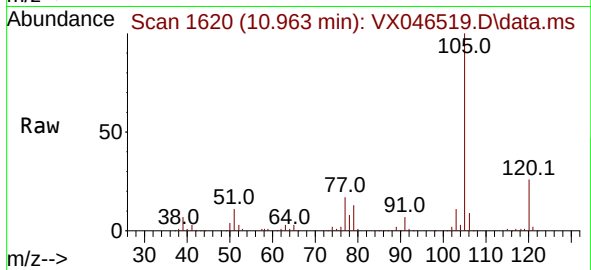
#73
Isopropylbenzene
Concen: 20.092 ug/l
RT: 10.963 min Scan# 11022
Delta R.T. 0.000 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 11022
Ion Ratio Lower Upper
105 100
120 25.4 12.8 38.4

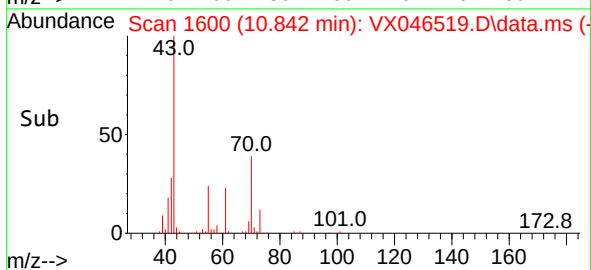
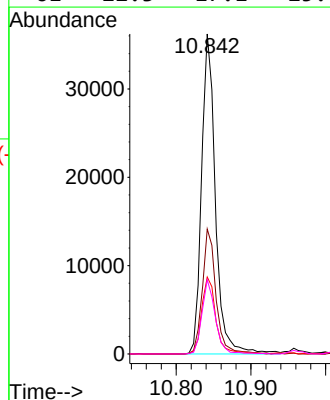
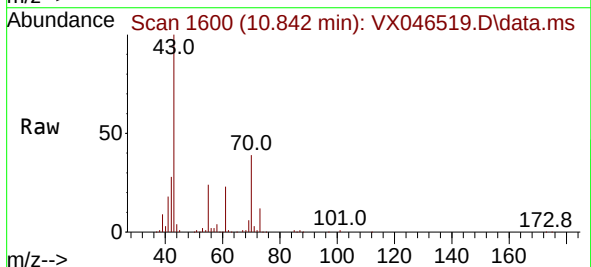
Manual Integrations
APPROVED

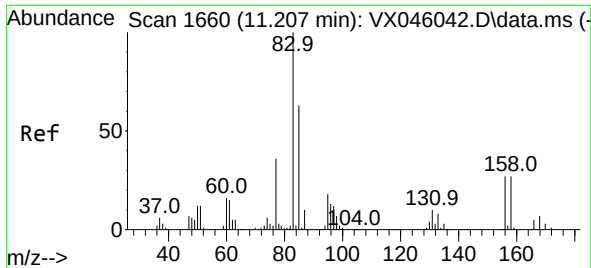
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#74
N-ethyl acetate
Concen: 19.334 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

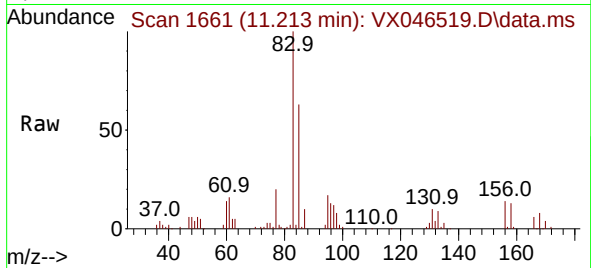
Tgt Ion: 43 Resp: 46707
Ion Ratio Lower Upper
43 100
70 38.5 30.9 46.3
55 24.7 18.7 28.1
61 22.3 17.1 25.7





#75
1,1,2,2-Tetrachloroethane
Concen: 20.568 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

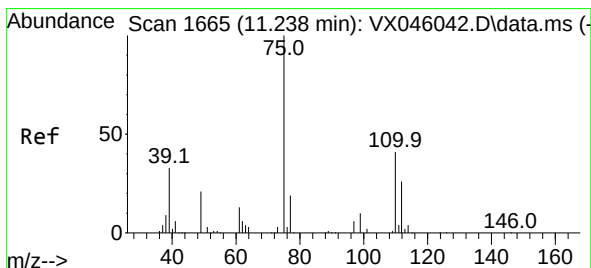
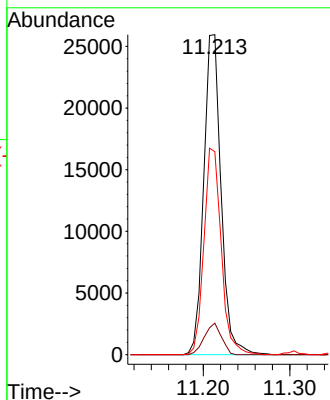
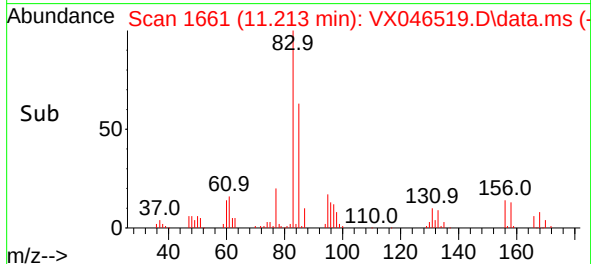
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



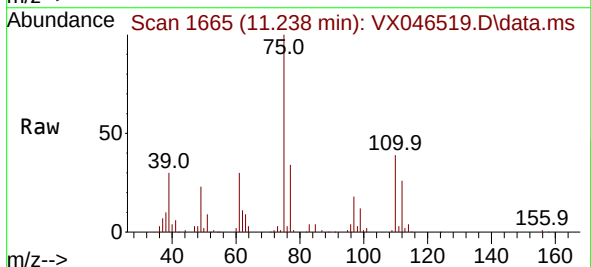
Tgt Ion: 83 Resp: 36110
Ion Ratio Lower Upper
83 100
131 9.6 5.0 14.9
85 64.3 31.9 95.7

Manual Integrations
APPROVED

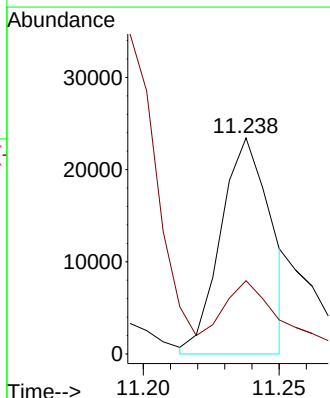
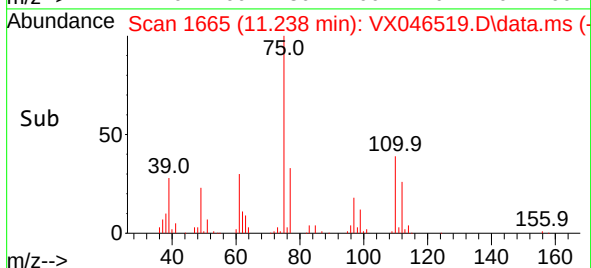
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

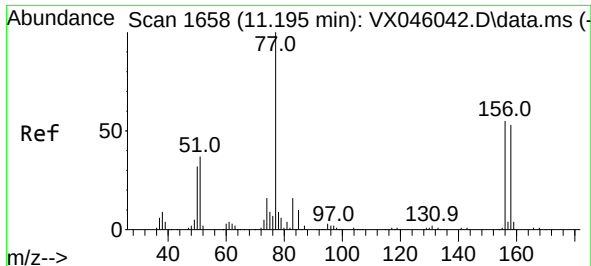


#76
1,2,3-Trichloropropane
Concen: 19.991 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18



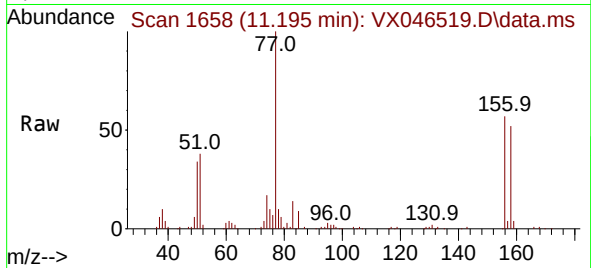
Tgt Ion: 75 Resp: 30039
Ion Ratio Lower Upper
75 100
77 41.8 20.5 61.5





#77
Bromobenzene
Concen: 20.283 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

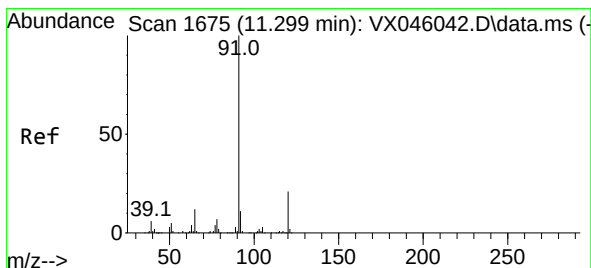
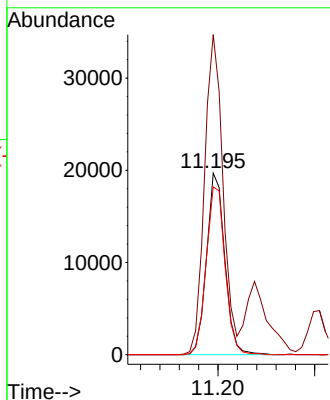
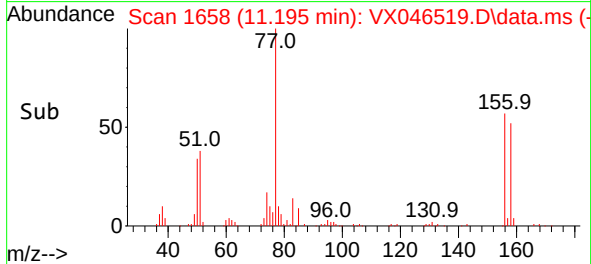
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



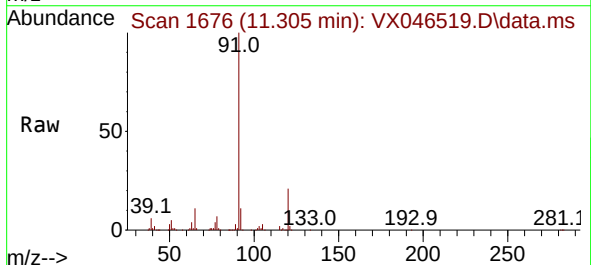
Tgt Ion:156 Resp: 2582
Ion Ratio Lower Upper
156 100
77 177.8 92.8 278.3
158 95.7 48.8 146.3

Manual Integrations
APPROVED

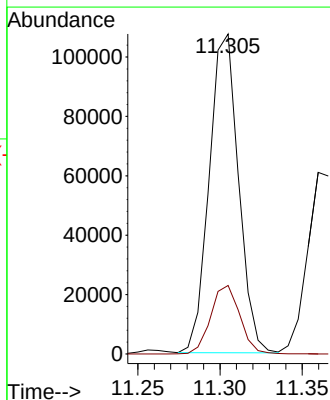
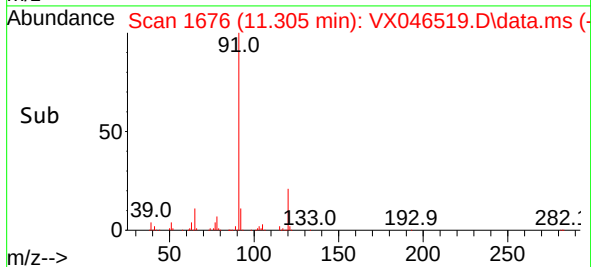
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

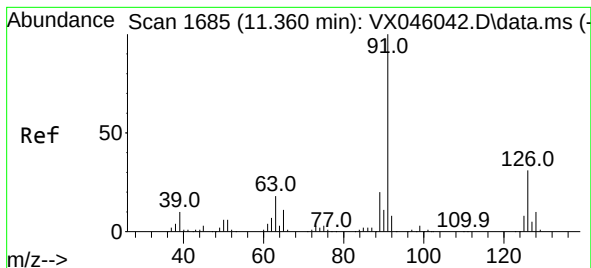


#78
n-propylbenzene
Concen: 20.075 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18



Tgt Ion: 91 Resp: 133297
Ion Ratio Lower Upper
91 100
120 21.4 10.8 32.4





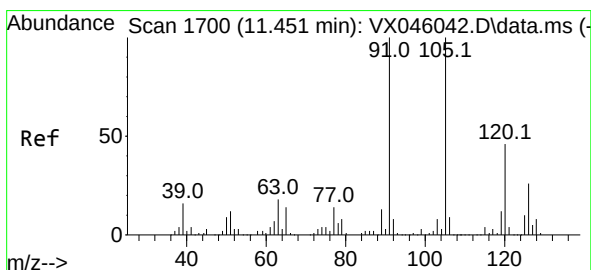
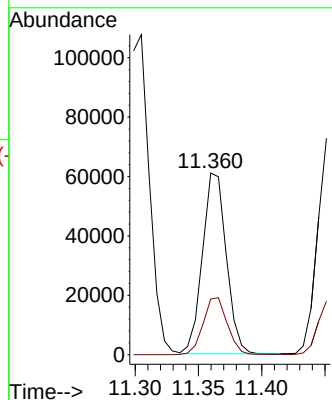
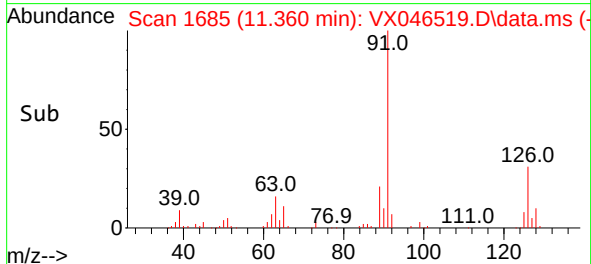
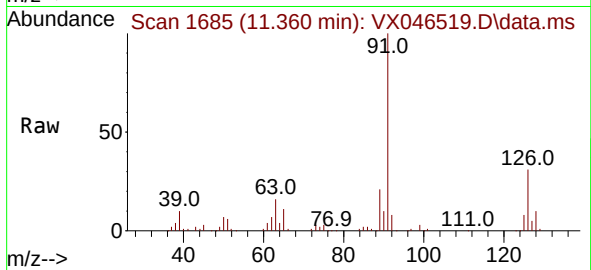
#79
2-Chlorotoluene
Concen: 20.005 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 8010
Ion Ratio Lower Upper
91 100
126 32.0 15.6 46.7

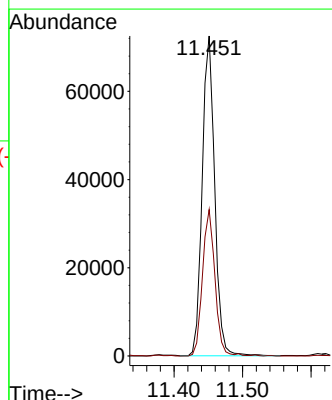
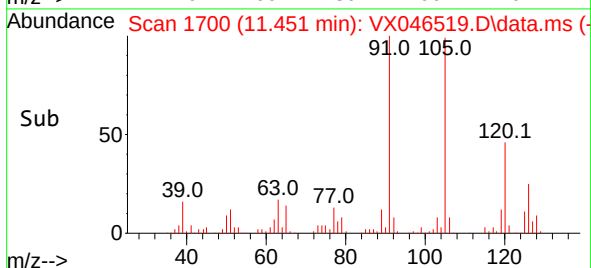
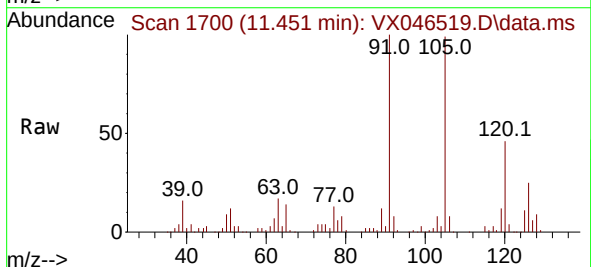
Manual Integrations
APPROVED

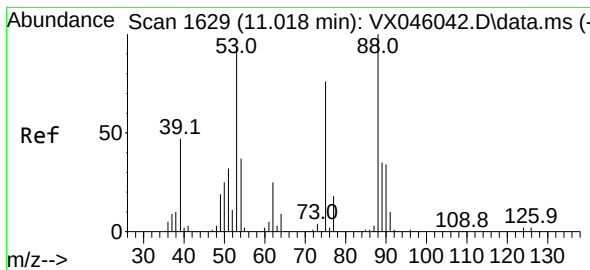
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.131 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

Tgt Ion:105 Resp: 92024
Ion Ratio Lower Upper
105 100
120 45.7 23.1 69.2





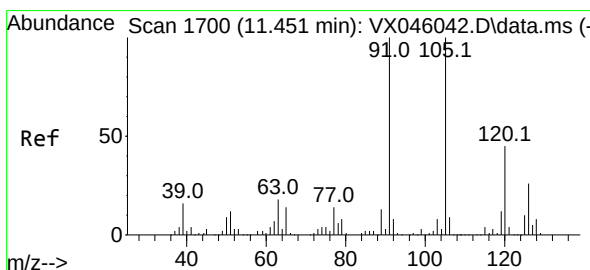
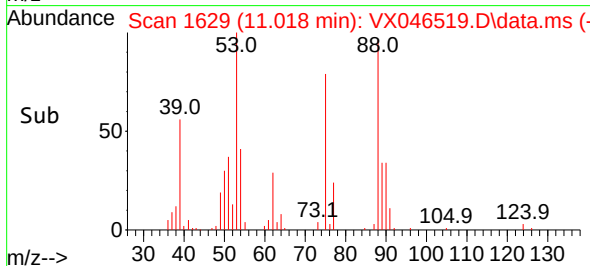
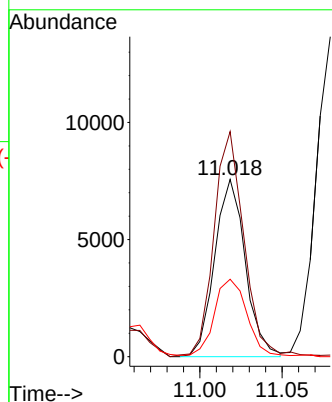
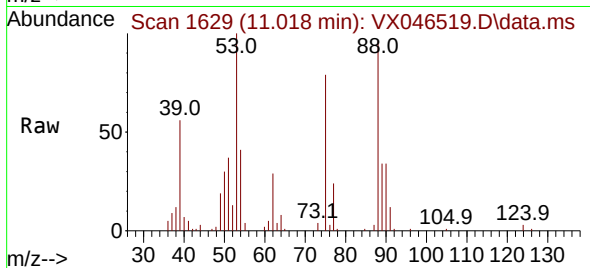
#81
trans-1,4-Dichloro-2-butene
Concen: 19.187 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 9832
Ion Ratio Lower Upper
75 100
53 124.6 100.5 150.7
89 47.2 37.0 55.6

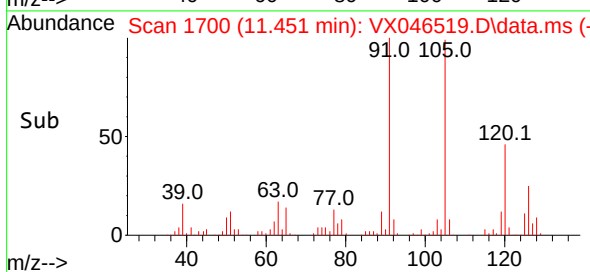
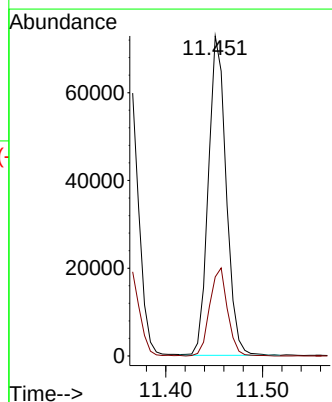
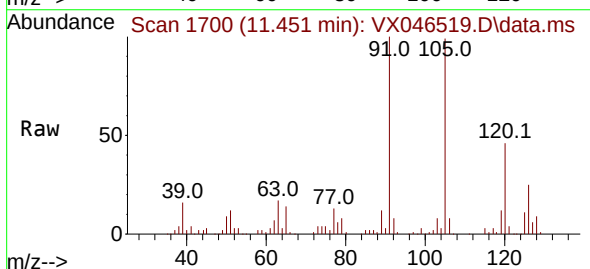
Manual Integrations
APPROVED

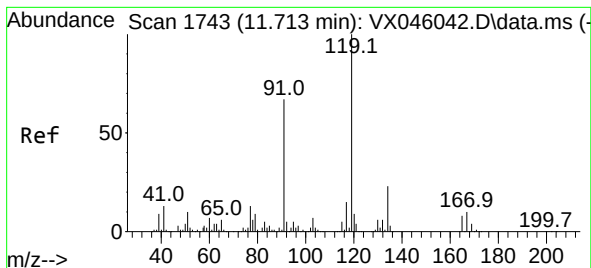
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#82
4-Chlorotoluene
Concen: 19.655 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

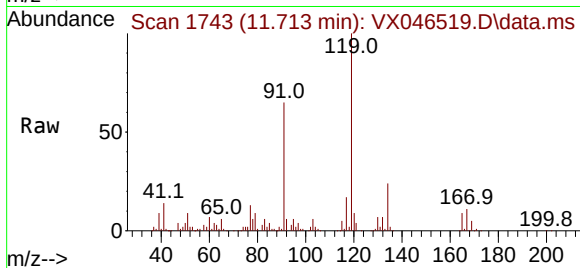
Tgt Ion: 91 Resp: 93283
Ion Ratio Lower Upper
91 100
126 27.5 13.3 39.8





#83
tert-Butylbenzene
Concen: 20.178 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

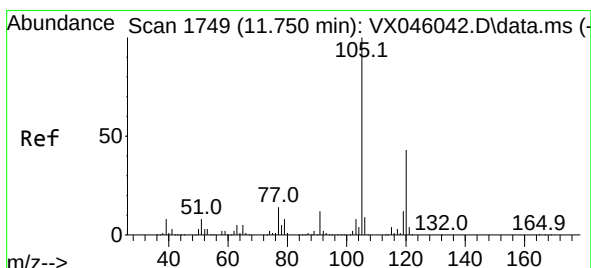
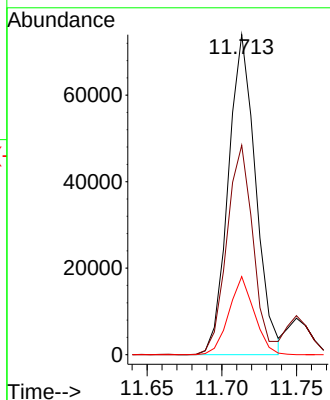
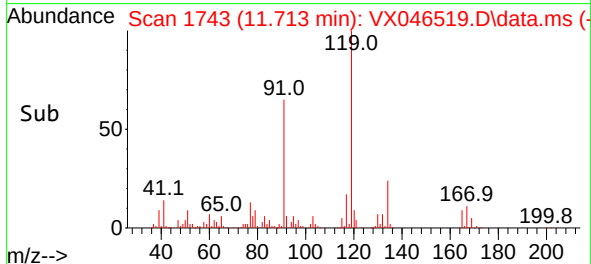
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



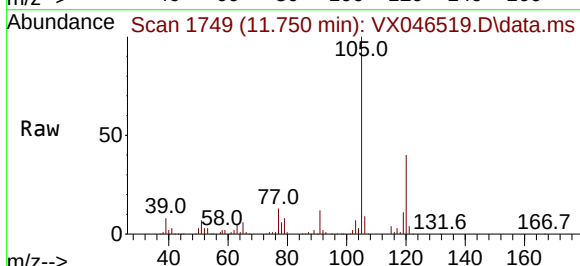
Tgt Ion:119 Resp: 93897
Ion Ratio Lower Upper
119 100
91 63.6 32.9 98.7
134 22.7 11.4 34.1

Manual Integrations
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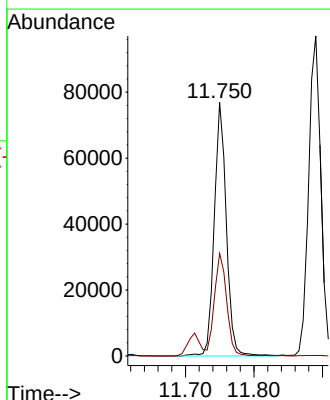
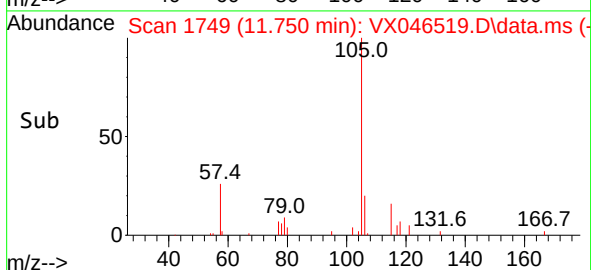
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

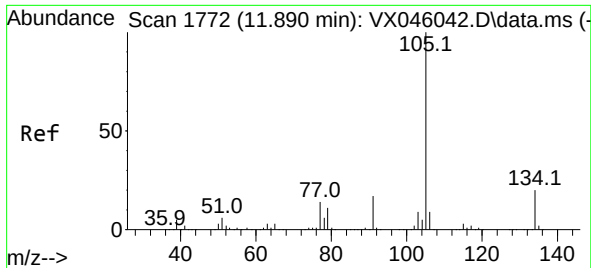


#84
1,2,4-Trimethylbenzene
Concen: 20.279 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18



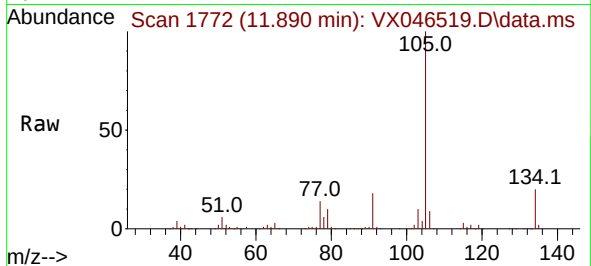
Tgt Ion:105 Resp: 93782
Ion Ratio Lower Upper
105 100
120 41.1 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 20.054 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX046519.D
 Acq: 06 Jun 2025 10:18

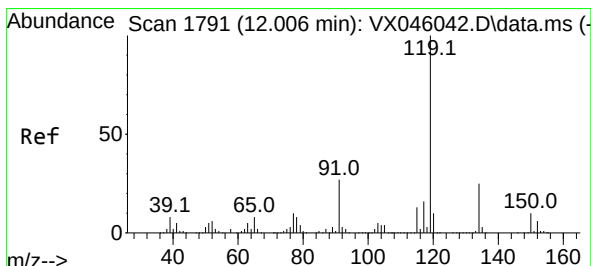
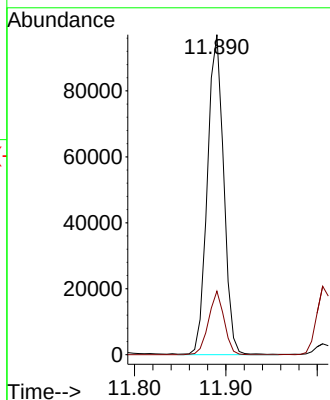
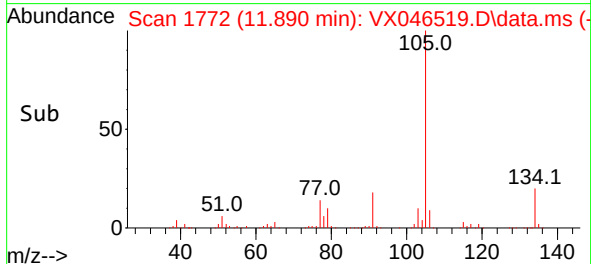
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



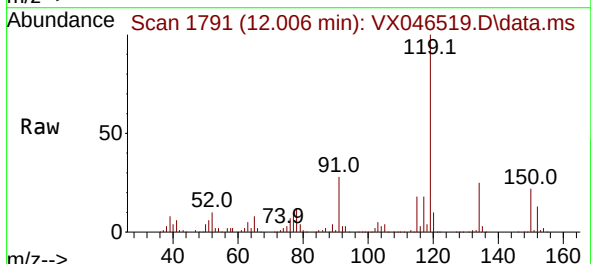
Tgt Ion:105 Resp: 119909
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.7 29.1

Manual Integrations
 APPROVED

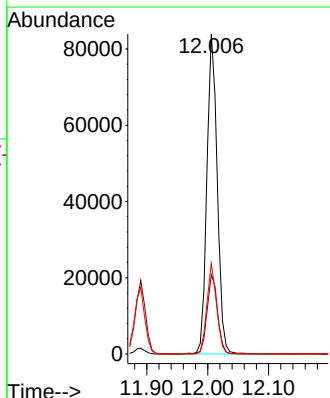
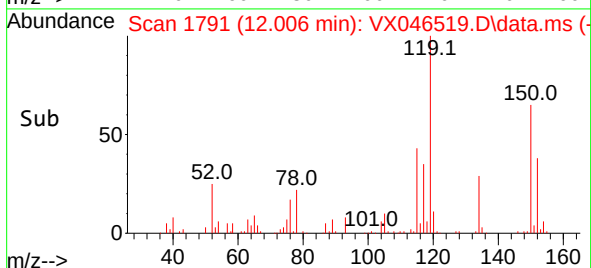
Reviewed By :John Carlone 06/06/2025
 Supervised By :Mahesh Dadoda 06/09/2025

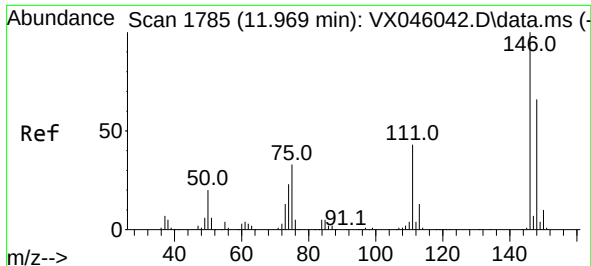


#86
 p-Isopropyltoluene
 Concen: 19.900 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX046519.D
 Acq: 06 Jun 2025 10:18



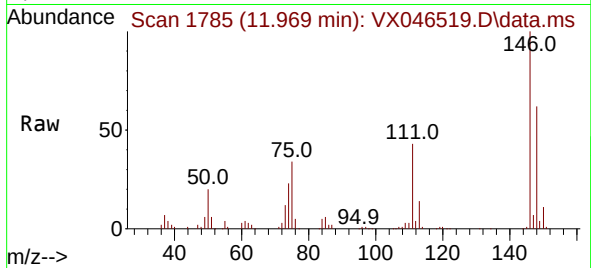
Tgt Ion:119 Resp: 99196
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.5 37.5
 91 26.8 13.8 41.4





#87
1,3-Dichlorobenzene
Concen: 19.349 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

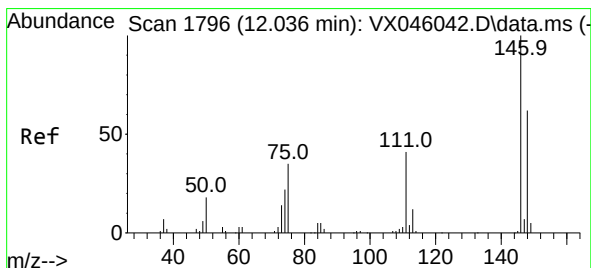
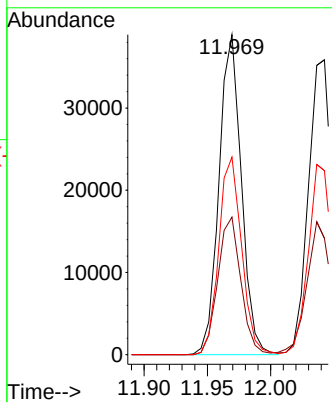
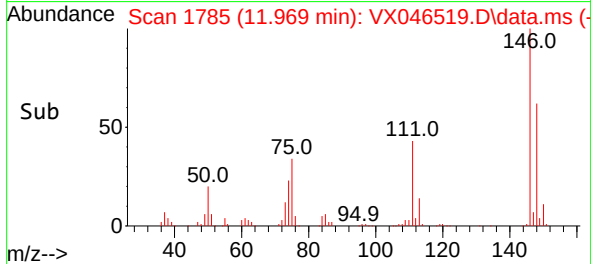
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



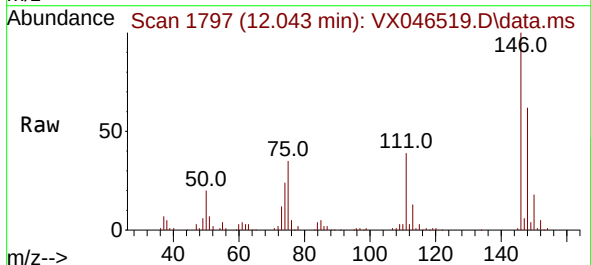
Tgt Ion:146 Resp: 47842
Ion Ratio Lower Upper
146 100
111 44.4 22.1 66.3
148 63.1 32.1 96.5

Manual Integrations
APPROVED

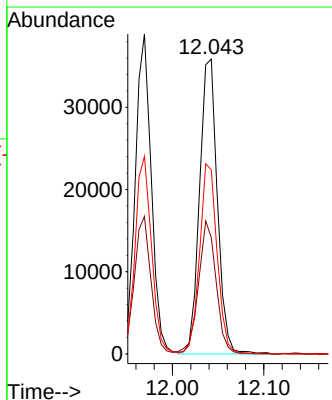
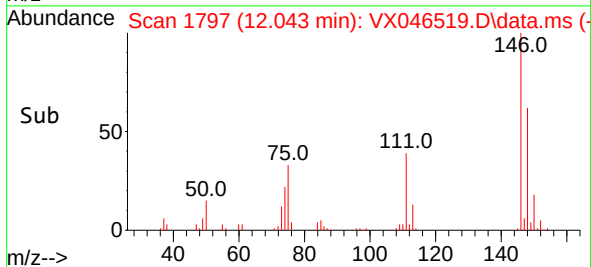
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

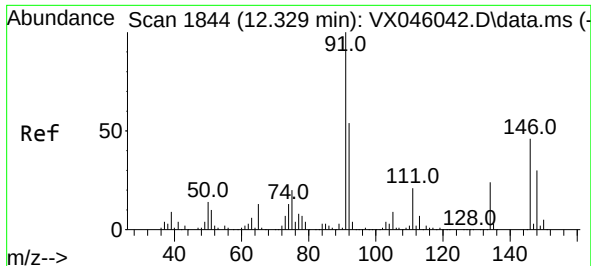


#88
1,4-Dichlorobenzene
Concen: 18.912 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18



Tgt Ion:146 Resp: 48453
Ion Ratio Lower Upper
146 100
111 44.7 21.3 63.9
148 63.7 31.9 95.5





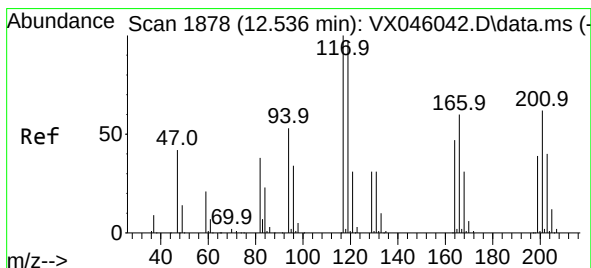
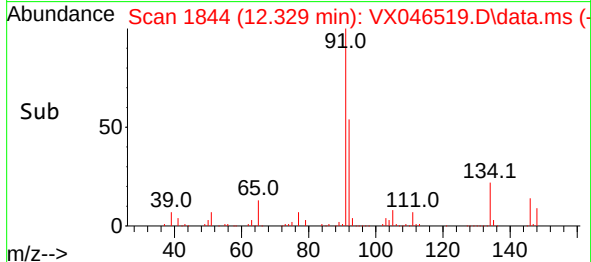
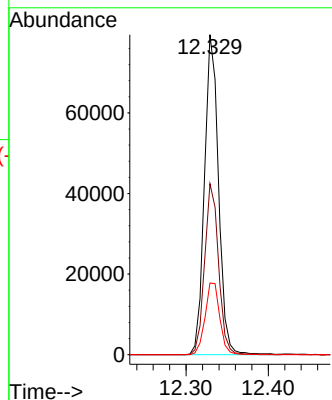
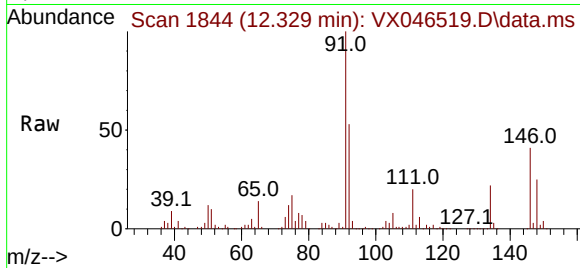
#89
n-Butylbenzene
Concen: 19.263 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 9429
Ion Ratio Lower Upper
91 100
92 53.1 26.9 80.7
134 23.5 11.8 35.3

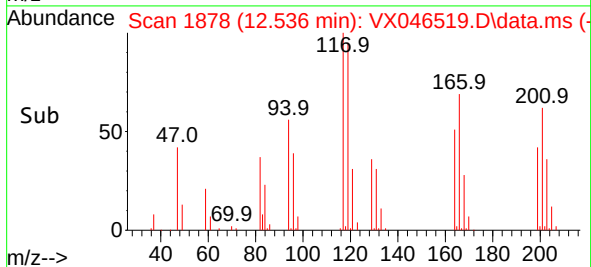
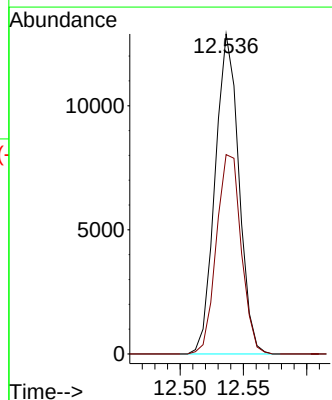
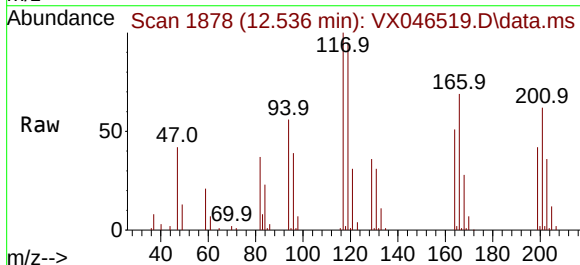
Manual Integrations
APPROVED

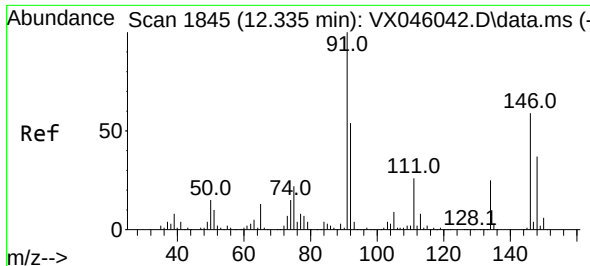
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#90
Hexachloroethane
Concen: 18.972 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

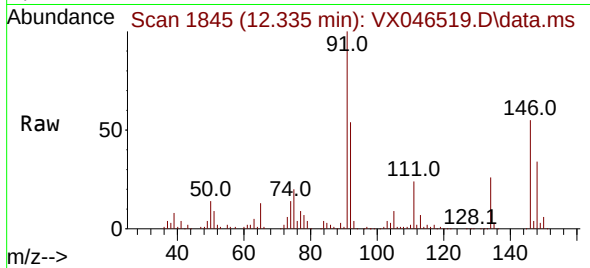
Tgt Ion:117 Resp: 16809
Ion Ratio Lower Upper
117 100
201 65.1 31.6 94.7





#91
1,2-Dichlorobenzene
Concen: 19.801 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

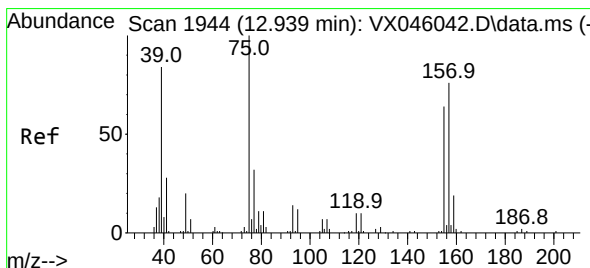
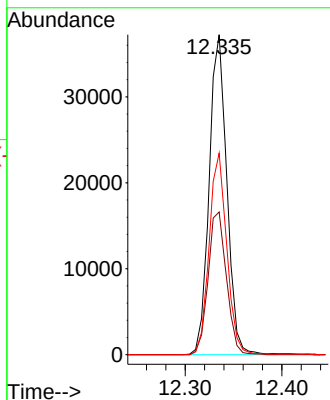
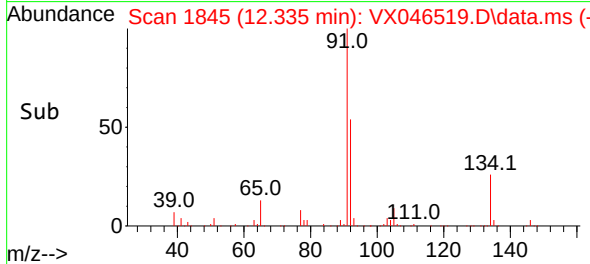
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



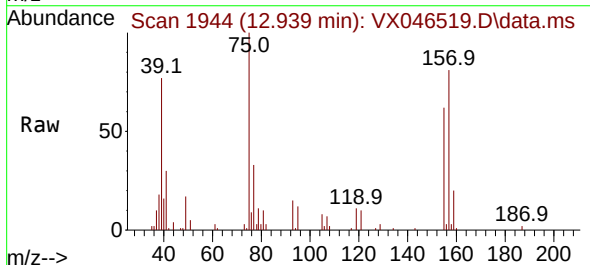
Tgt Ion:146 Resp: 47259
Ion Ratio Lower Upper
146 100
111 46.3 22.4 67.3
148 63.0 31.6 94.8

Manual Integrations
APPROVED

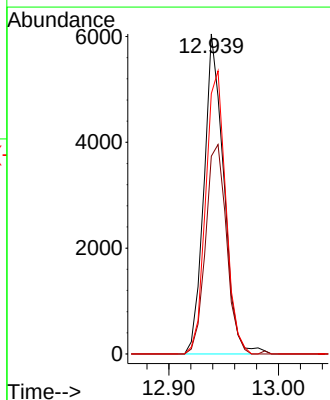
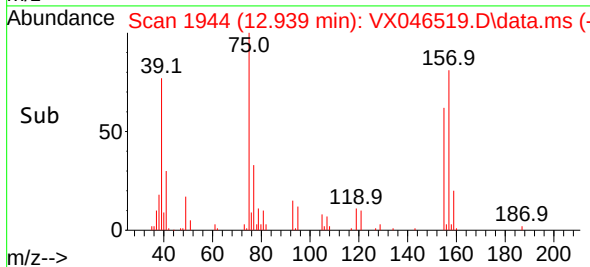
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

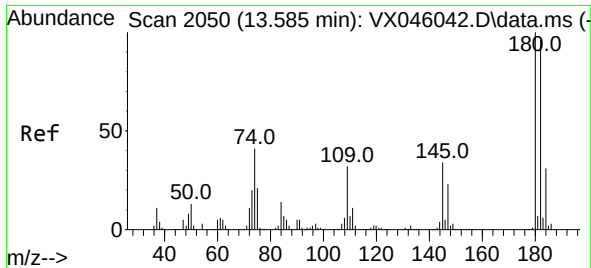


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.293 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18



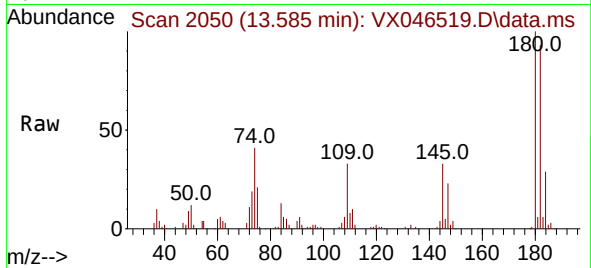
Tgt Ion: 75 Resp: 7586
Ion Ratio Lower Upper
75 100
155 69.2 34.9 104.8
157 89.7 43.8 131.4





#93
1,2,4-Trichlorobenzene
Concen: 18.598 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

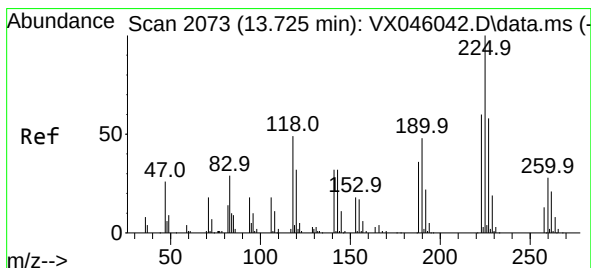
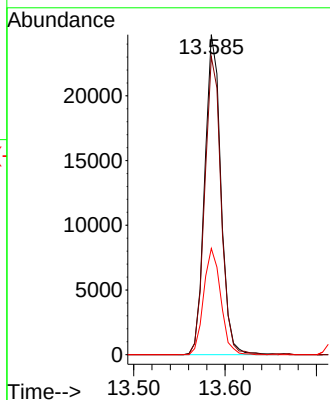
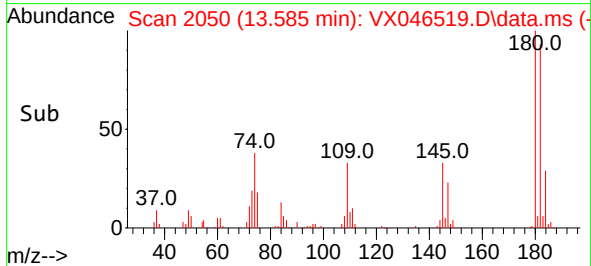
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



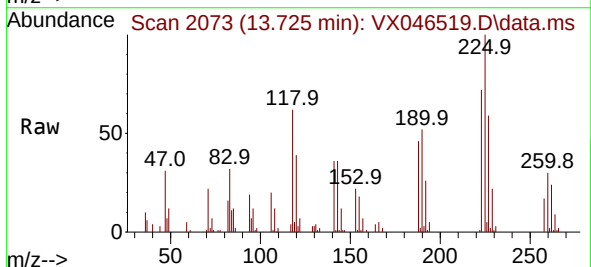
Tgt Ion:180 Resp: 30280
Ion Ratio Lower Upper
180 100
182 93.9 47.9 143.8
145 35.0 17.1 51.2

Manual Integrations
APPROVED

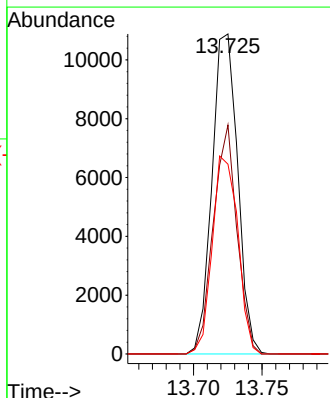
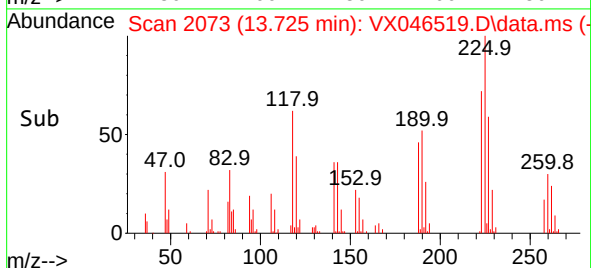
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

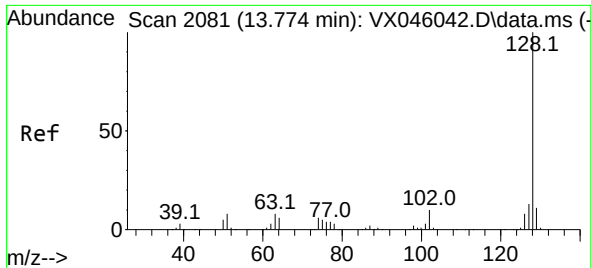


#94
Hexachlorobutadiene
Concen: 18.746 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18



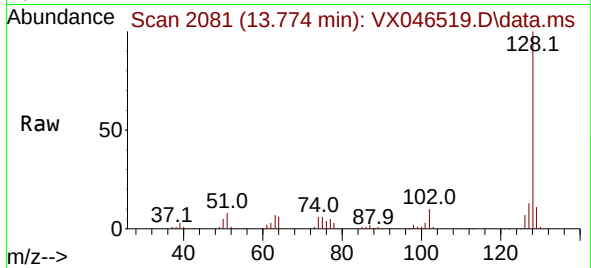
Tgt Ion:225 Resp: 14184
Ion Ratio Lower Upper
225 100
223 66.0 30.8 92.4
227 61.6 30.9 92.7





#95
Naphthalene
Concen: 19.071 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18

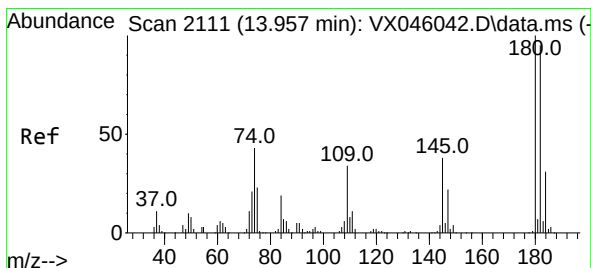
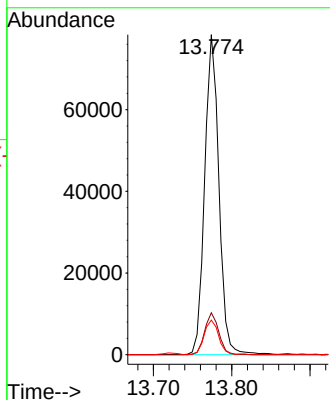
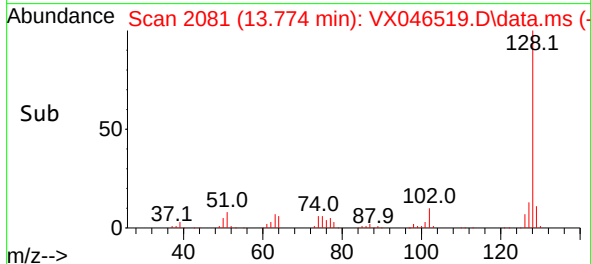
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



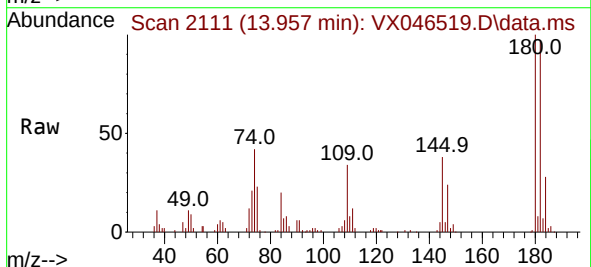
Tgt Ion:128 Resp: 98460
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.437 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX046519.D
Acq: 06 Jun 2025 10:18



Tgt Ion:180 Resp: 30099
Ion Ratio Lower Upper
180 100
182 96.0 47.8 143.3
145 37.2 18.1 54.3

