

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
 Data File : VX046802.D
 Acq On : 20 Jun 2025 22:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/23/2025
 Supervised By : Mahesh Dadoda 06/23/2025

Quant Time: Jun 21 00:16:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	128496	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	213155	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	96037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	89262	50.223	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.440%			
35) Dibromofluoromethane	5.397	113	75274	53.374	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.740%			
50) Toluene-d8	8.647	98	266958	52.687	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.380%			
62) 4-Bromofluorobenzene	11.079	95	101361	53.665	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	67499	49.202	ug/l	97
3) Chloromethane	1.306	50	70571	47.659	ug/l	97
4) Vinyl Chloride	1.386	62	77297	48.952	ug/l	98
5) Bromomethane	1.623	94	46611	52.467	ug/l	99
6) Chloroethane	1.703	64	47580	49.716	ug/l	99
7) Trichlorofluoromethane	1.904	101	116381	48.541	ug/l	99
8) Diethyl Ether	2.148	74	39969	48.575	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.349	101	72455	49.260	ug/l	97
10) Methyl Iodide	2.471	142	83971	45.987	ug/l	98
11) Tert butyl alcohol	2.953	59	23684	148.466	ug/l	100
12) 1,1-Dichloroethene	2.337	96	70761	49.856	ug/l	99
13) Acrolein	2.245	56	66193	284.873	ug/l	98
14) Allyl chloride	2.678	41	122581	47.668	ug/l	97
15) Acrylonitrile	3.074	53	154380	215.218	ug/l	99
16) Acetone	2.386	43	110781	186.910	ug/l	99
17) Carbon Disulfide	2.532	76	191942	44.784	ug/l	99
18) Methyl Acetate	2.715	43	64729	42.999	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	195799	44.305	ug/l	100
20) Methylene Chloride	2.806	84	77986	47.314	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	73420	48.345	ug/l	98
22) Diisopropyl ether	3.769	45	246842	49.940	ug/l	96
23) Vinyl Acetate	3.733	43	916360	233.138	ug/l	100
24) 1,1-Dichloroethane	3.623	63	136005	48.463	ug/l	99
25) 2-Butanone	4.562	43	170945m	203.931	ug/l	
26) 2,2-Dichloropropane	4.495	77	86870	42.441	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	87373	48.970	ug/l	98
28) Bromochloromethane	4.909	49	65139	51.198	ug/l	99
29) Tetrahydrofuran	5.013	42	109967	203.104	ug/l	99
30) Chloroform	5.105	83	138175	49.233	ug/l	97
31) Cyclohexane	5.483	56	127367	47.858	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	114677	46.590	ug/l	99
36) 1,1-Dichloropropene	5.702	75	96560	47.430	ug/l	99
37) Ethyl Acetate	4.720	43	74719	39.762	ug/l	98
38) Carbon Tetrachloride	5.690	117	102488	46.388	ug/l	99
39) Methylcyclohexane	7.385	83	125581	46.876	ug/l	97
40) Benzene	6.050	78	294869	48.941	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	46016	45.933	ug/l	95
42) 1,2-Dichloroethane	6.098	62	99432	46.963	ug/l	99
43) Isopropyl Acetate	6.342	43	124465	42.327	ug/l	100
44) Trichloroethene	7.129	130	74426	48.472	ug/l	97
45) 1,2-Dichloropropane	7.433	63	72802	48.756	ug/l	96
46) Dibromomethane	7.586	93	50820	47.357	ug/l	99
47) Bromodichloromethane	7.824	83	106464	48.615	ug/l	97
48) Methyl methacrylate	7.696	41	65291	44.272	ug/l	98
49) 1,4-Dioxane	7.659	88	13881	656.980	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	363297	207.148	ug/l	99
52) Toluene	8.720	92	183112	49.024	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	95669	47.084	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	109175	47.331	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	66838	48.018	ug/l	99
56) Ethyl methacrylate	9.116	69	92884	45.205	ug/l	99
57) 1,3-Dichloropropane	9.305	76	113555	47.373	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	269513	252.507	ug/l	100
59) 2-Hexanone	9.427	43	244004	201.245	ug/l	99
60) Dibromochloromethane	9.518	129	78341	47.759	ug/l	99
61) 1,2-Dibromoethane	9.610	107	66175	46.738	ug/l	99
64) Tetrachloroethene	9.275	164	60836	45.830	ug/l	99
65) Chlorobenzene	10.079	112	200384	47.378	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	67174	47.257	ug/l	99
67) Ethyl Benzene	10.195	91	349396	47.280	ug/l	99
68) m/p-Xylenes	10.299	106	263264	95.608	ug/l	99
69) o-Xylene	10.640	106	126192	48.901	ug/l	98
70) Styrene	10.652	104	218327	48.345	ug/l	99
71) Bromoform	10.799	173	48039	44.377	ug/l #	99
73) Isopropylbenzene	10.957	105	337194	47.673	ug/l	99
74) N-amyl acetate	10.841	43	113256	42.262	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	86444	43.770	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	70089m	39.847	ug/l	
77) Bromobenzene	11.195	156	80038	47.024	ug/l	97
78) n-propylbenzene	11.299	91	400226	47.639	ug/l	100
79) 2-Chlorotoluene	11.360	91	231562	46.165	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	276467	47.565	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	23975	38.527	ug/l	98
82) 4-Chlorotoluene	11.451	91	273472	46.716	ug/l	100
83) tert-Butylbenzene	11.713	119	282580	47.033	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	274895	47.073	ug/l	99
85) sec-Butylbenzene	11.890	105	358024	47.150	ug/l	99
86) p-Isopropyltoluene	12.006	119	300549	46.911	ug/l	99
87) 1,3-Dichlorobenzene	11.963	146	149517	45.052	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	151487	44.440	ug/l	99
89) n-Butylbenzene	12.329	91	283216	46.558	ug/l	99
90) Hexachloroethane	12.536	117	51227	45.661	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	143460	46.257	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	15011	38.499	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	99083	44.938	ug/l	99
94) Hexachlorobutadiene	13.719	225	41861	45.133	ug/l	97
95) Naphthalene	13.774	128	271772	43.264	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	96046	45.533	ug/l	98

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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

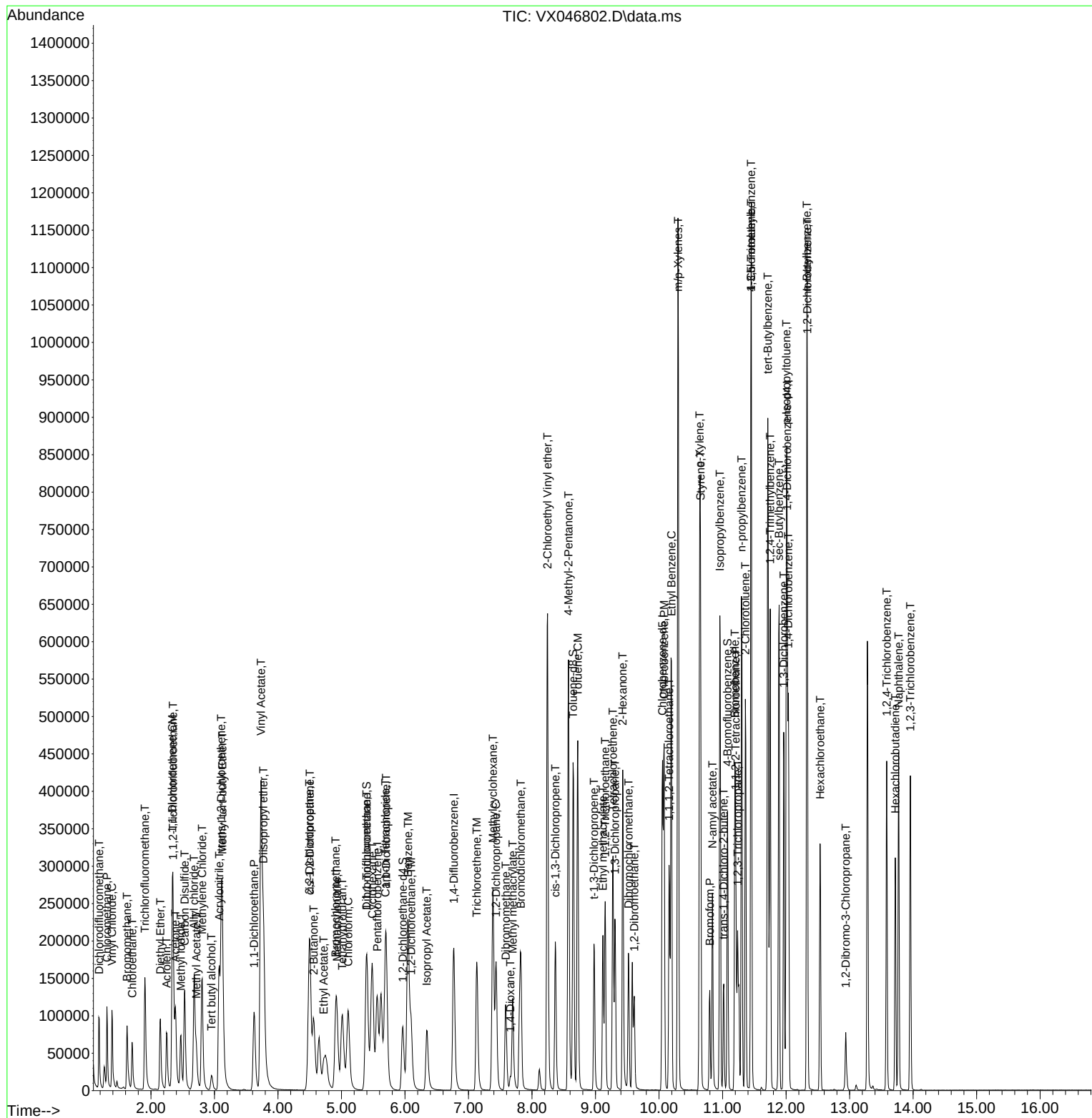
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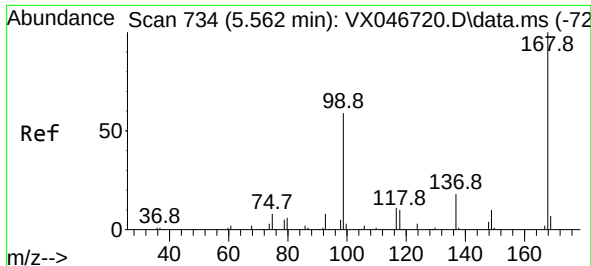
Instrument :
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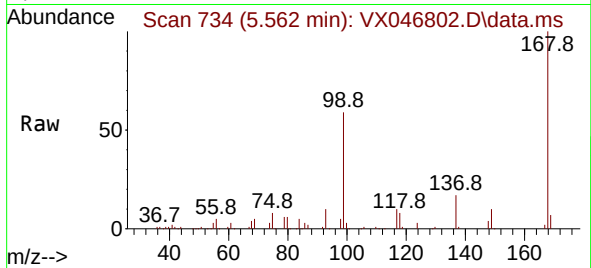
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
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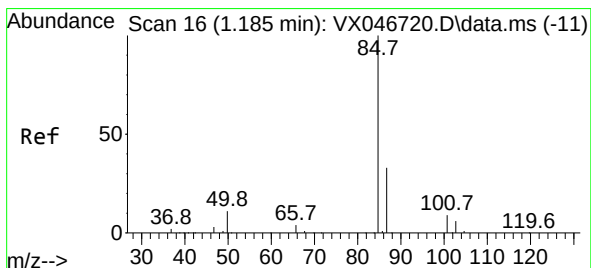
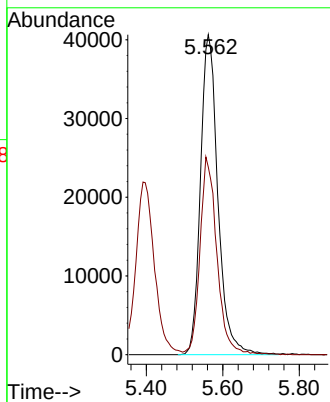
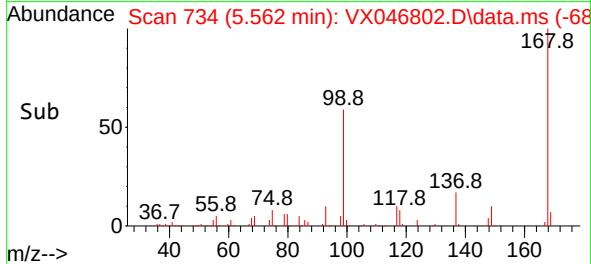
Instrument :
MSVOA_X
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VSTDCCC050EC



Tgt Ion:168 Resp: 128490
Ion Ratio Lower Upper
168 100
99 58.5 48.5 72.7

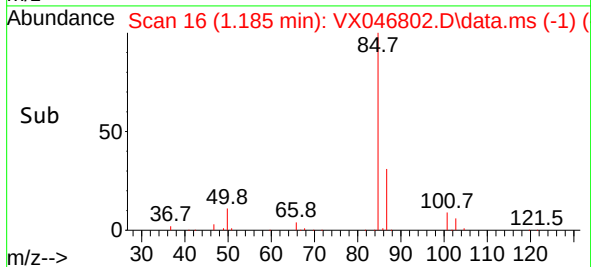
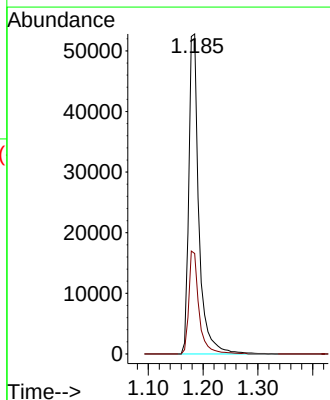
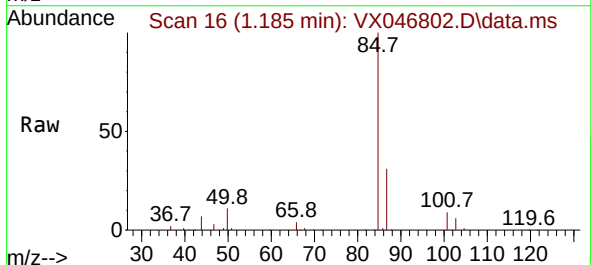
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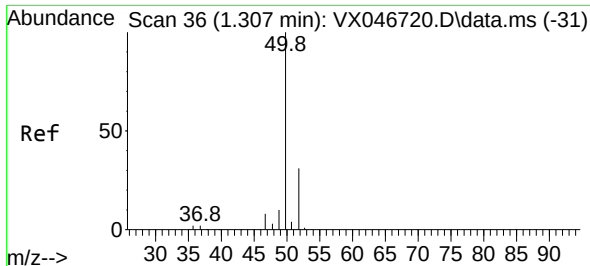
Reviewed By :John Carlone 06/23/2025
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#2
Dichlorodifluoromethane
Concen: 49.202 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

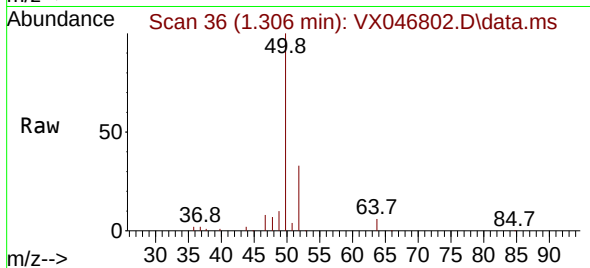
Tgt Ion: 85 Resp: 67499
Ion Ratio Lower Upper
85 100
87 31.4 16.6 49.8





#3
Chloromethane
Concen: 47.659 ug/l
RT: 1.306 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

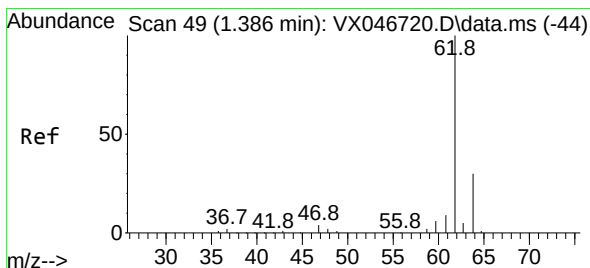
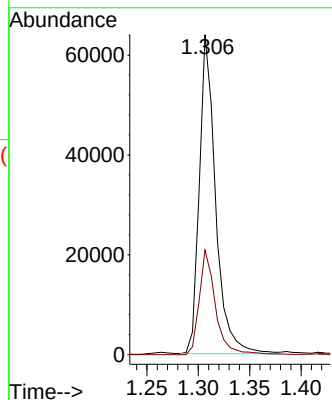
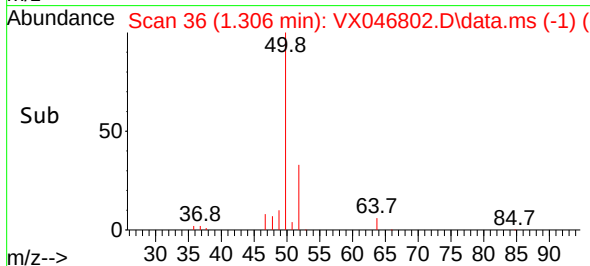
Instrument :
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Tgt Ion: 50 Resp: 7057
Ion Ratio Lower Upper
50 100
52 32.8 24.9 37.3

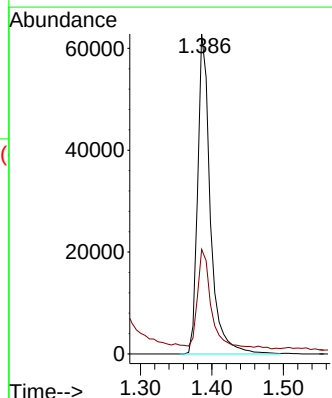
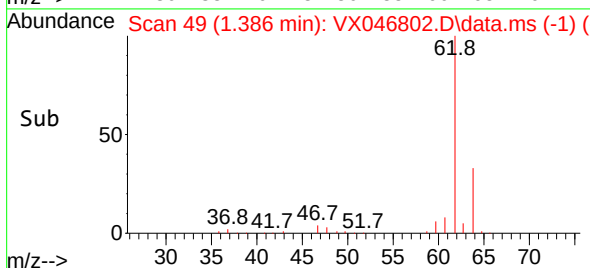
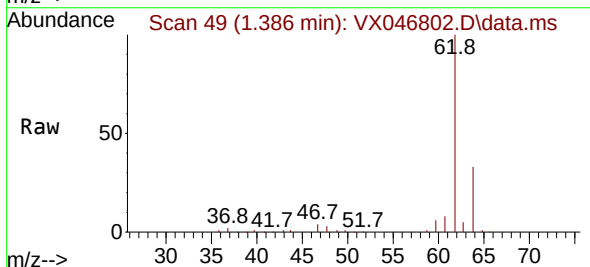
Manual Integrations
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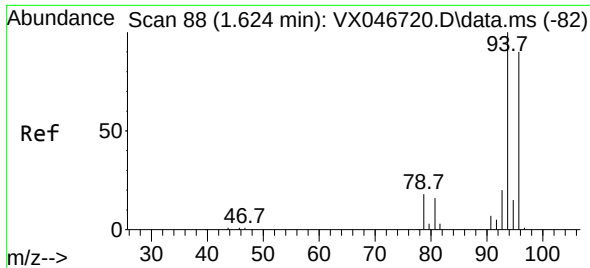
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#4
Vinyl Chloride
Concen: 48.952 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

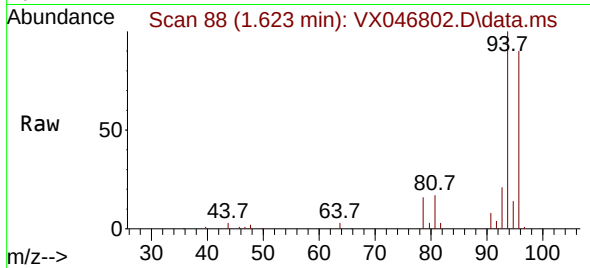
Tgt Ion: 62 Resp: 77297
Ion Ratio Lower Upper
62 100
64 31.0 23.9 35.9





#5
Bromomethane
Concen: 52.467 ug/l
RT: 1.623 min Scan# 88
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

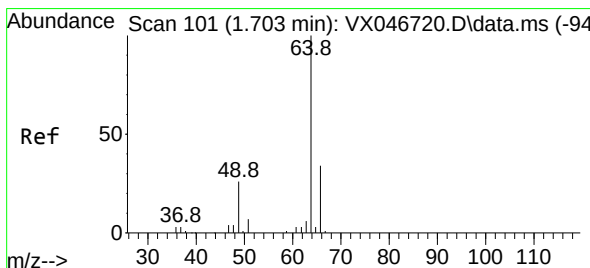
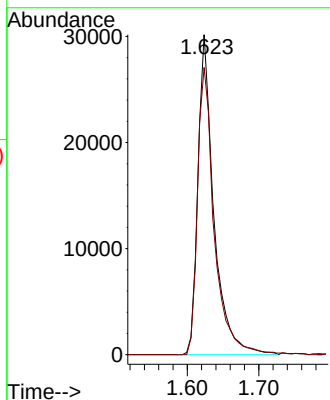
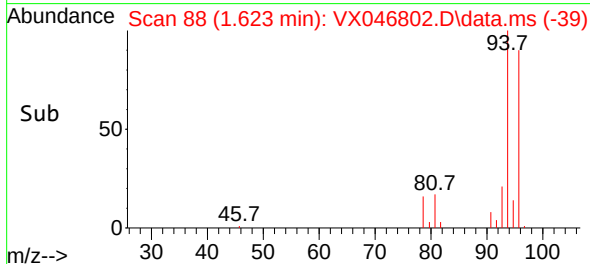
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Tgt Ion: 94 Resp: 4661
Ion Ratio Lower Upper
94 100
96 89.7 72.3 108.5

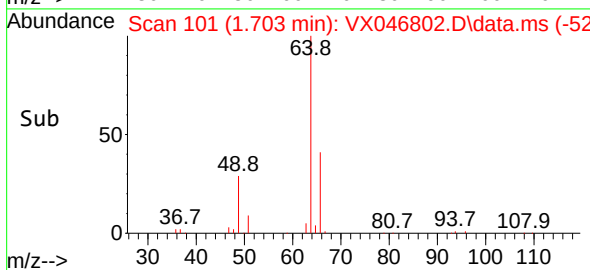
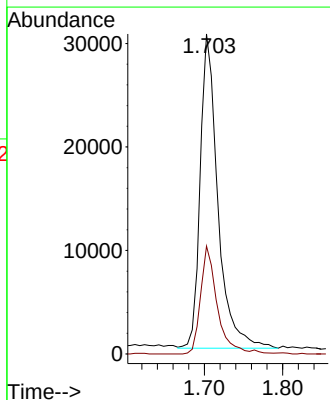
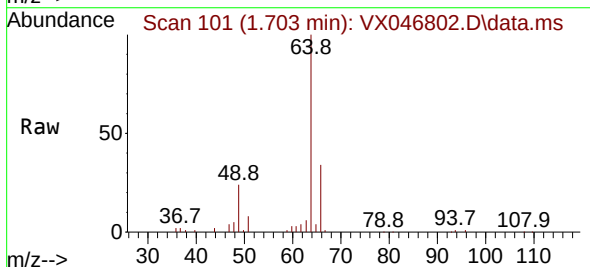
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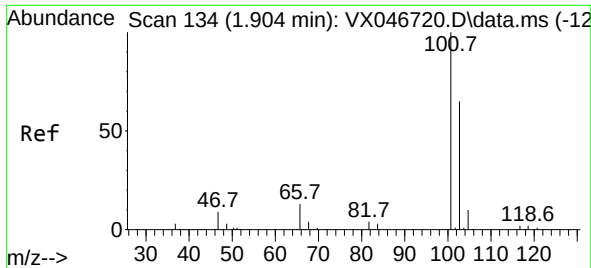
Reviewed By :John Carlone 06/23/2025
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#6
Chloroethane
Concen: 49.716 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046802.D
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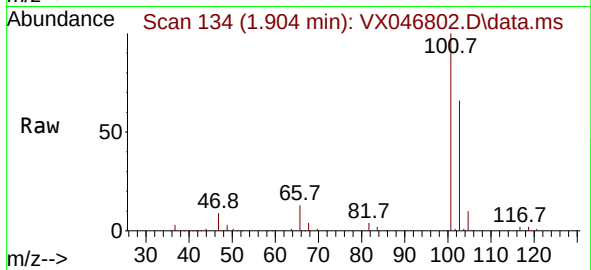
Tgt Ion: 64 Resp: 47580
Ion Ratio Lower Upper
64 100
66 34.3 27.1 40.7





#7
 Trichlorofluoromethane
 Concen: 48.541 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046802.D
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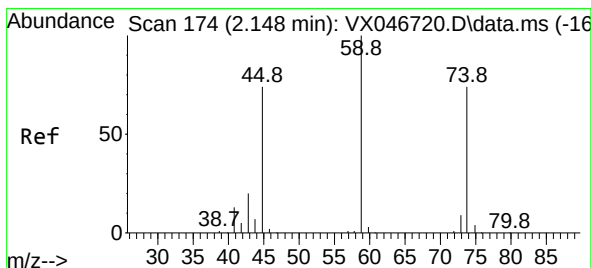
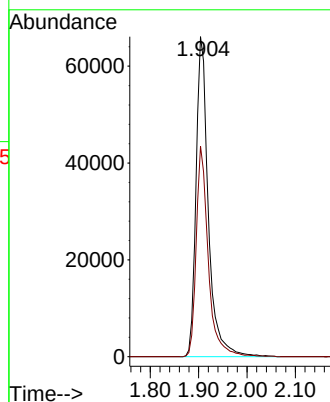
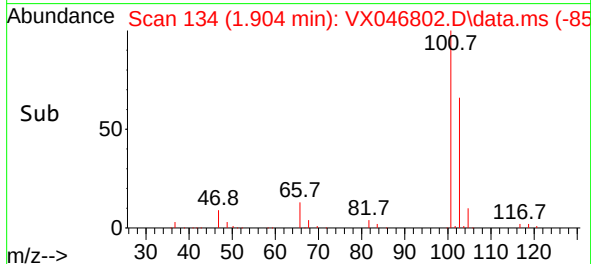
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:101 Resp: 11638
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.8 77.8

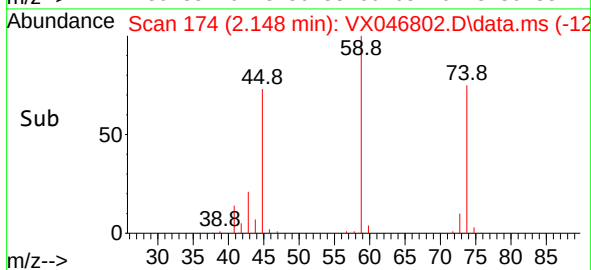
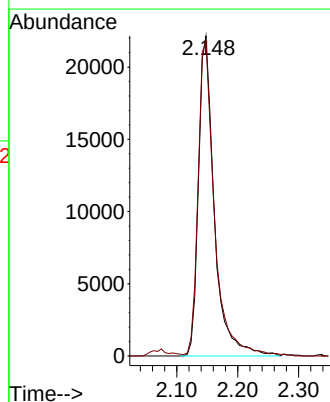
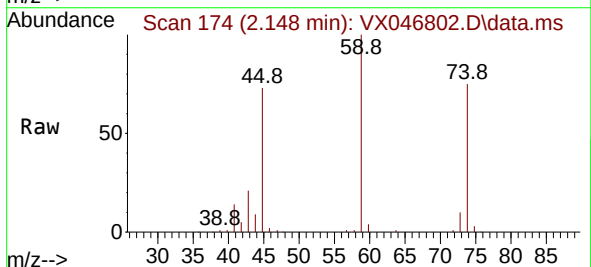
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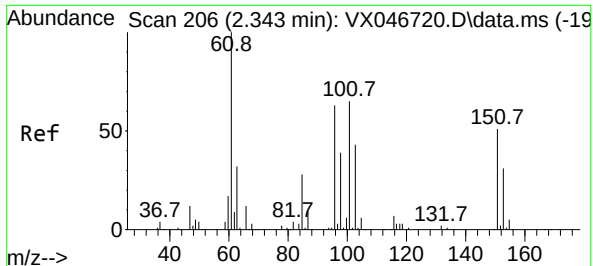
Reviewed By :John Carlone 06/23/2025
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#8
 Diethyl Ether
 Concen: 48.575 ug/l
 RT: 2.148 min Scan# 174
 Delta R.T. -0.000 min
 Lab File: VX046802.D
 Acq: 20 Jun 2025 22:08

Tgt Ion: 74 Resp: 39969
 Ion Ratio Lower Upper
 74 100
 45 102.3 52.3 157.1





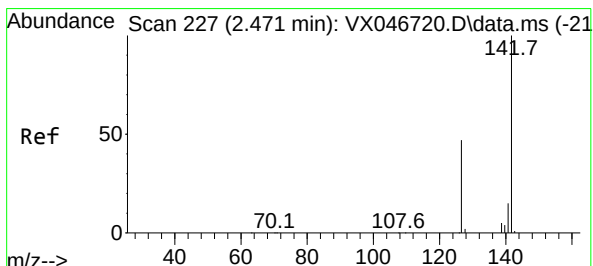
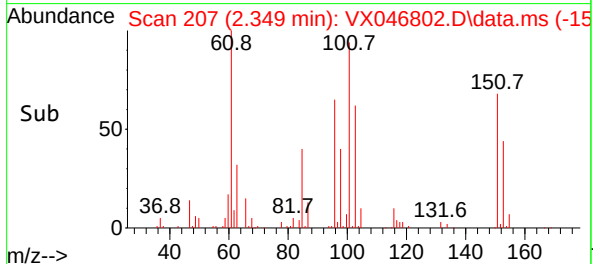
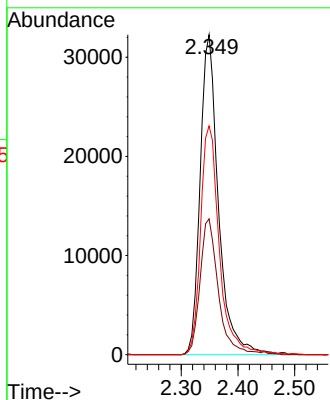
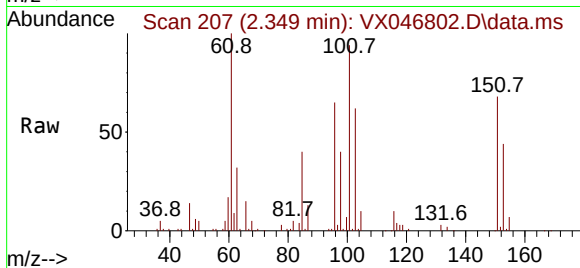
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.260 ug/l
RT: 2.349 min Scan# 206
Delta R.T. 0.006 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 7245
Ion Ratio Lower Upper
101 100
85 42.8 35.4 53.0
151 73.3 61.2 91.8

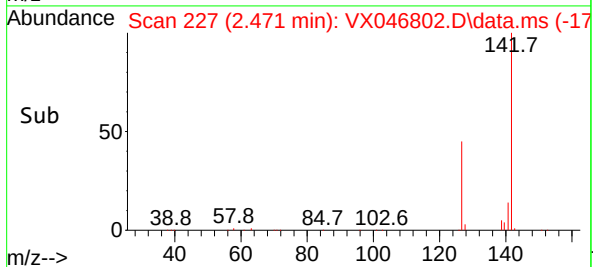
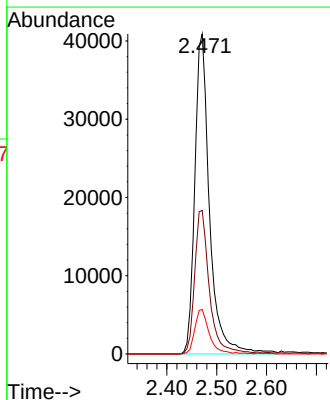
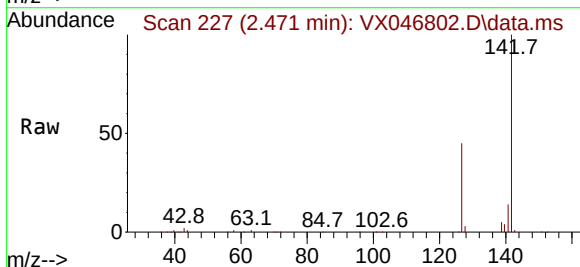
Manual Integrations
APPROVED

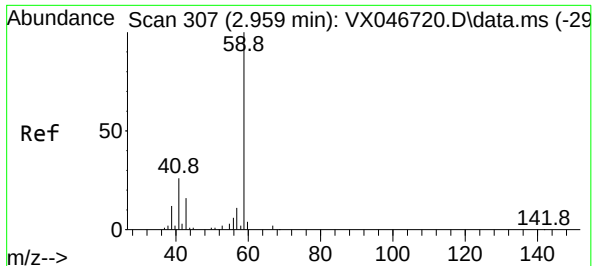
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#10
Methyl Iodide
Concen: 45.987 ug/l
RT: 2.471 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

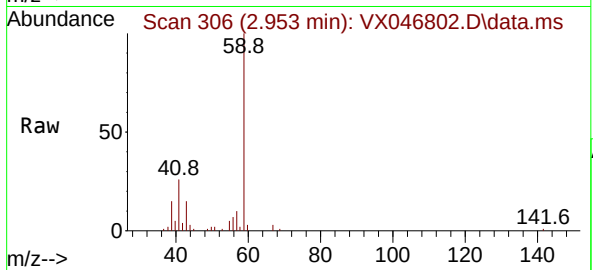
Tgt Ion:142 Resp: 83971
Ion Ratio Lower Upper
142 100
127 44.7 37.0 55.6
141 13.8 11.5 17.3





#11
Tert butyl alcohol
Concen: 148.466 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

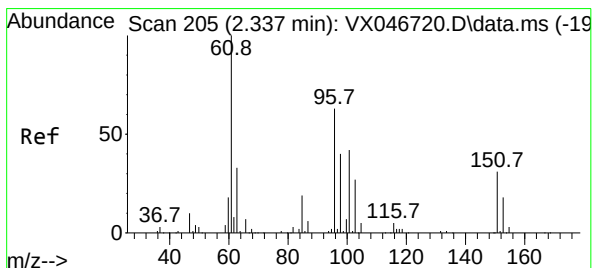
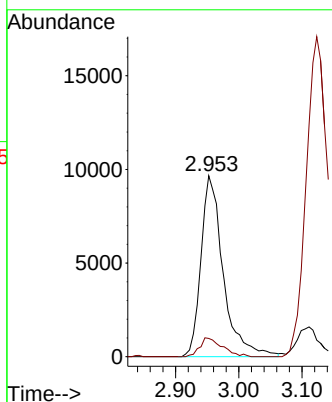
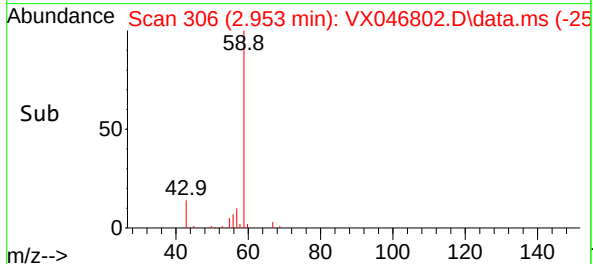
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 23684
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

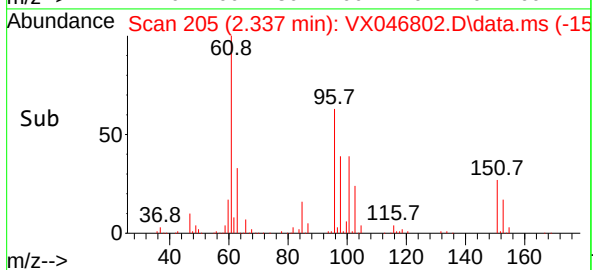
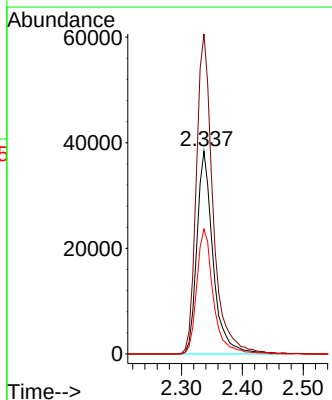
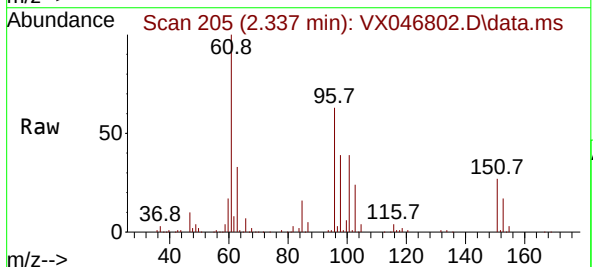
Manual Integrations
APPROVED

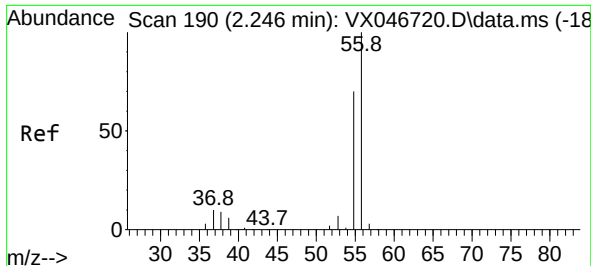
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#12
1,1-Dichloroethene
Concen: 49.856 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

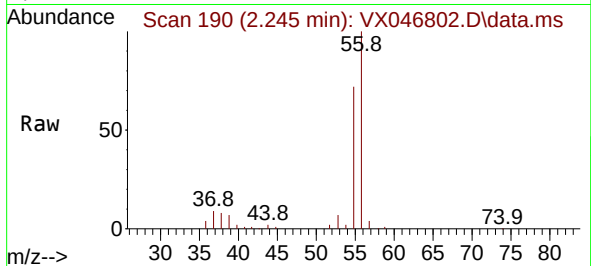
Tgt Ion: 96 Resp: 70761
Ion Ratio Lower Upper
96 100
61 157.9 126.6 189.8
98 61.6 50.7 76.1





#13
Acrolein
Concen: 284.873 ug/l
RT: 2.245 min Scan# 190
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

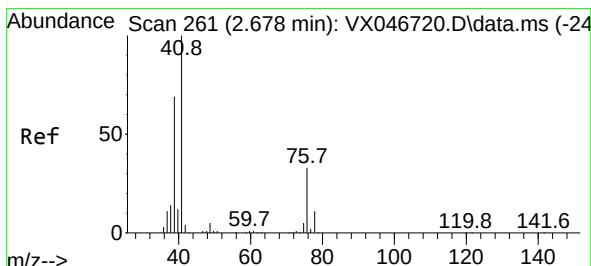
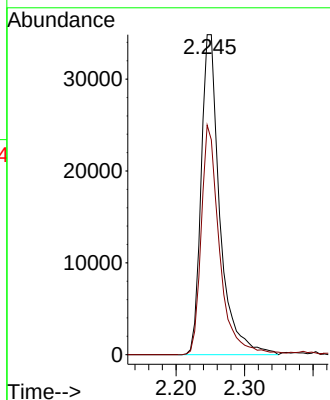
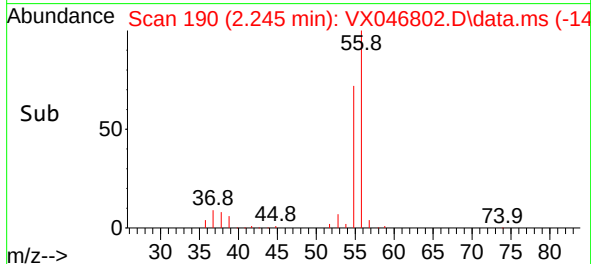
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 66193
Ion Ratio Lower Upper
56 100
55 70.5 55.2 82.8

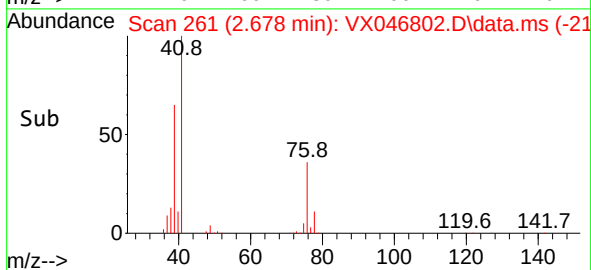
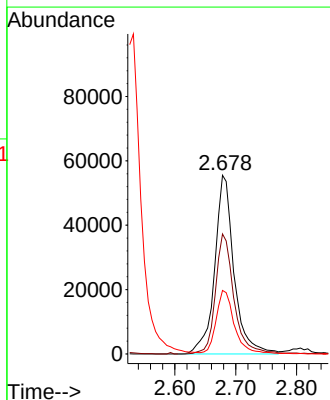
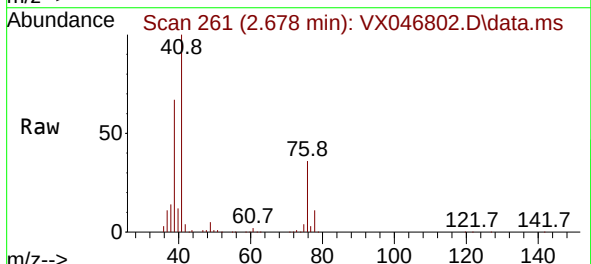
Manual Integrations
APPROVED

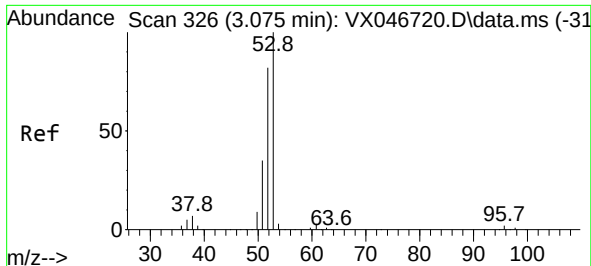
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#14
Allyl chloride
Concen: 47.668 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

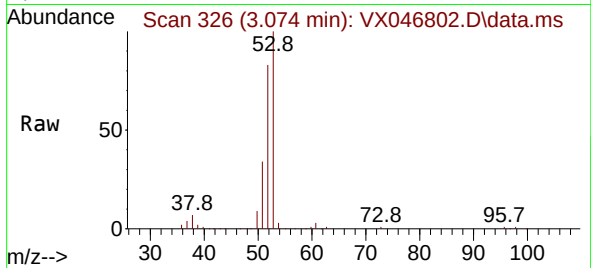
Tgt Ion: 41 Resp: 122581
Ion Ratio Lower Upper
41 100
39 64.0 53.6 80.4
76 33.8 26.8 40.2





#15
Acrylonitrile
Concen: 215.218 ug/l
RT: 3.074 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

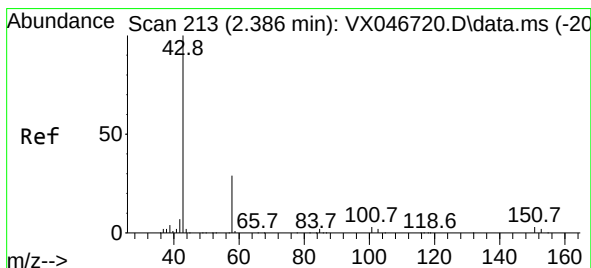
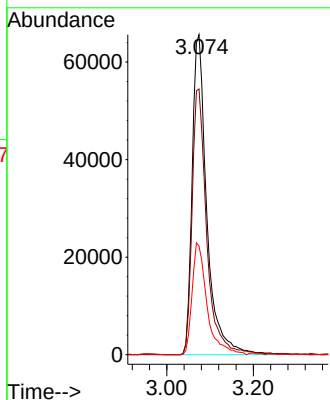
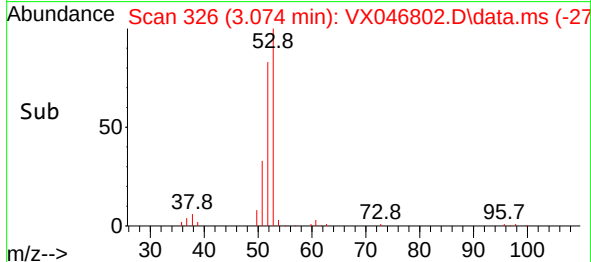
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 154380
Ion Ratio Lower Upper
53 100
52 82.8 65.1 97.7
51 35.5 28.9 43.3

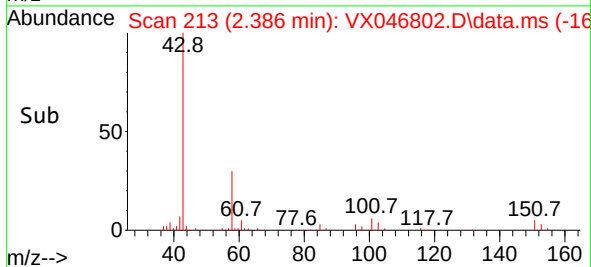
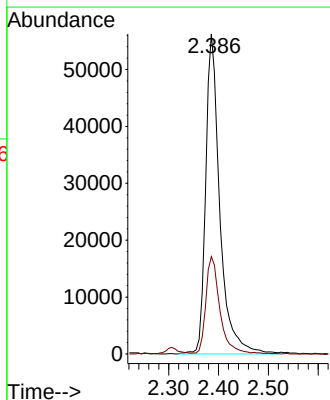
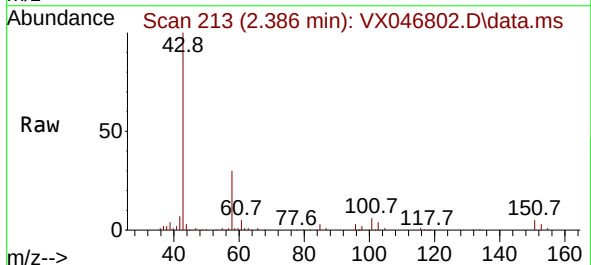
Manual Integrations
APPROVED

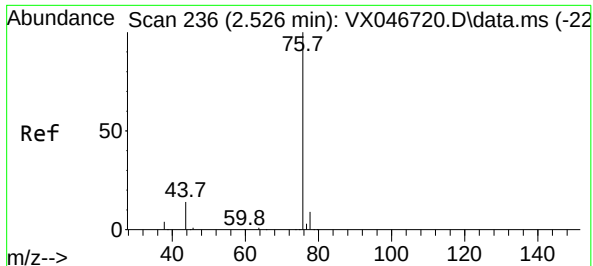
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#16
Acetone
Concen: 186.910 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

Tgt Ion: 43 Resp: 110781
Ion Ratio Lower Upper
43 100
58 31.4 24.5 36.7





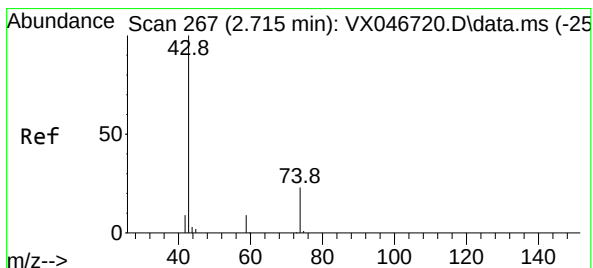
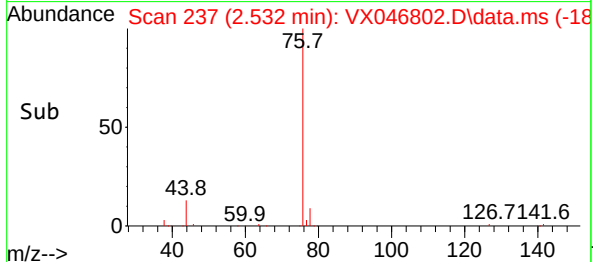
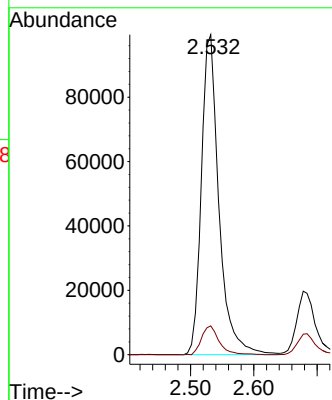
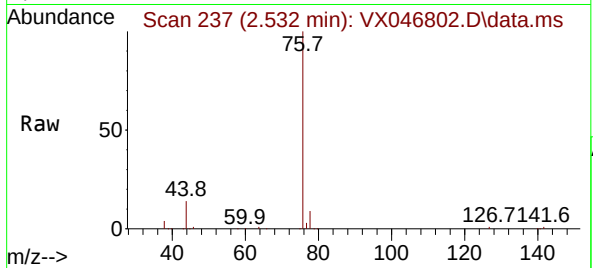
#17
Carbon Disulfide
Concen: 44.784 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 19194
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

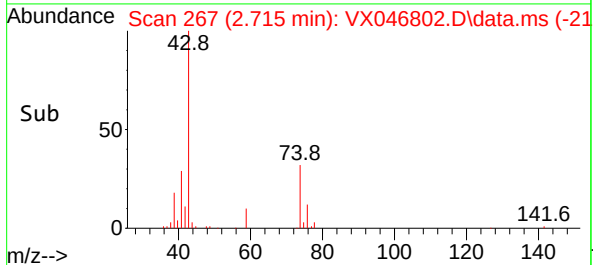
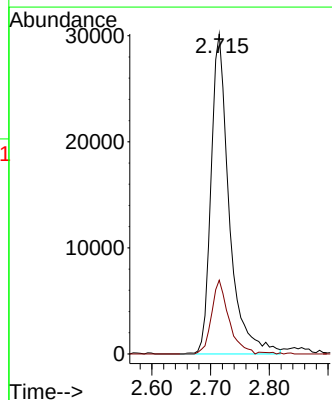
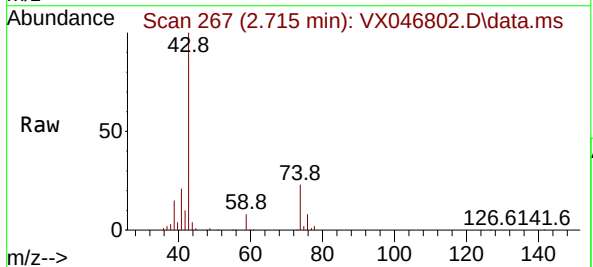
Manual Integrations
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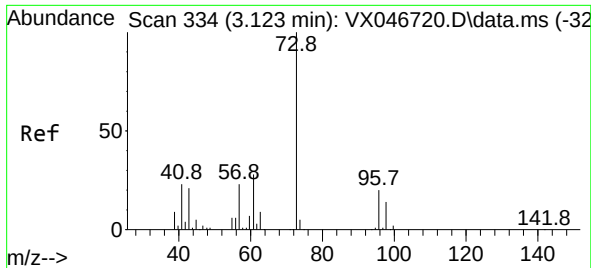
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#18
Methyl Acetate
Concen: 42.999 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

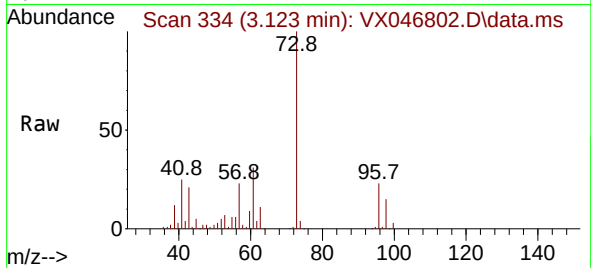
Tgt Ion: 43 Resp: 64729
Ion Ratio Lower Upper
43 100
74 22.1 18.4 27.6





#19
Methyl tert-butyl Ether
Concen: 44.305 ug/l
RT: 3.123 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

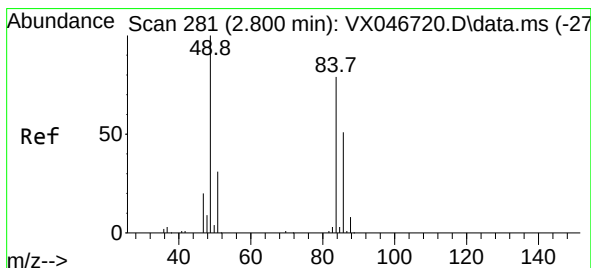
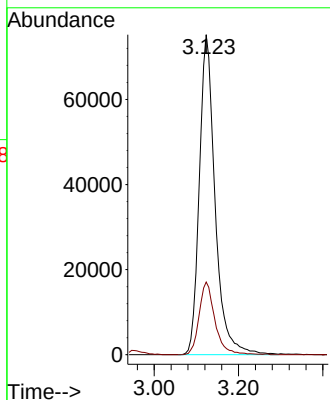
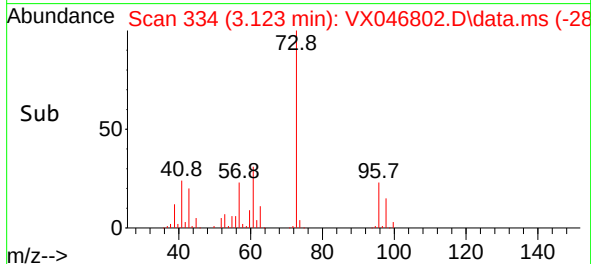
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 195799
Ion Ratio Lower Upper
73 100
57 22.7 18.2 27.2

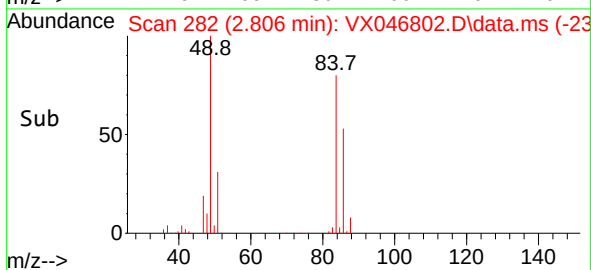
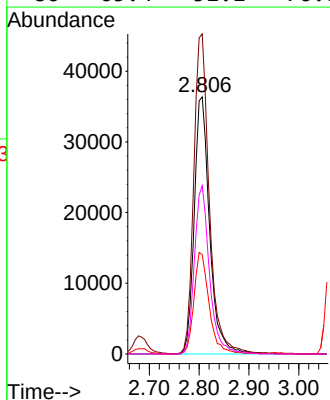
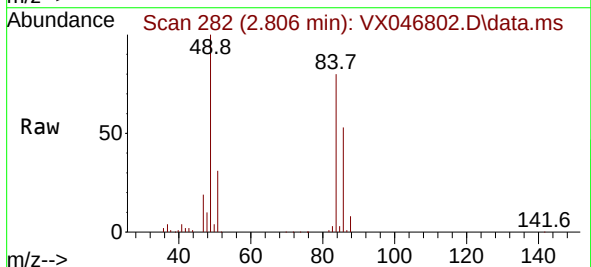
Manual Integrations
APPROVED

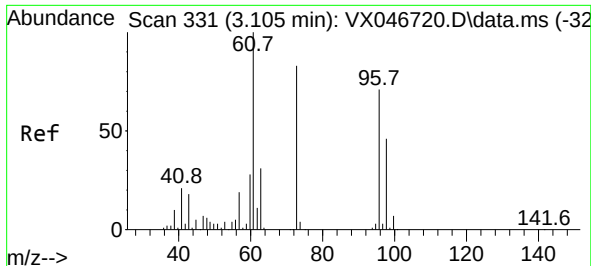
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#20
Methylene Chloride
Concen: 47.314 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.006 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

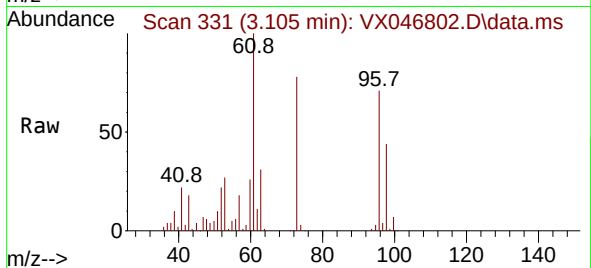
Tgt Ion: 84 Resp: 77986
Ion Ratio Lower Upper
84 100
49 124.3 101.3 151.9
51 38.7 31.0 46.6
86 65.4 51.1 76.7





#21
trans-1,2-Dichloroethene
Concen: 48.345 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

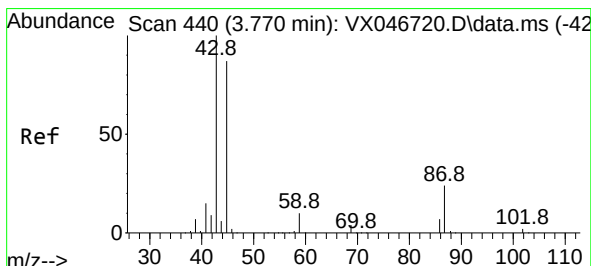
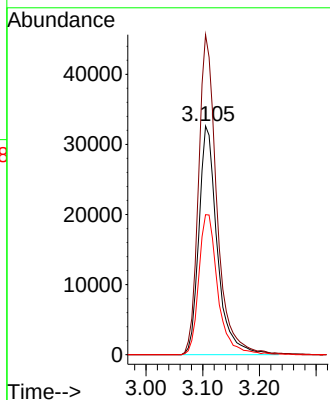
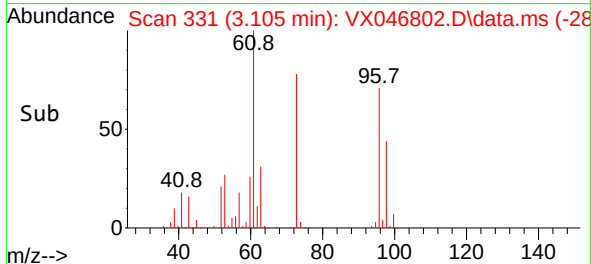
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 73420
Ion Ratio Lower Upper
96 100
61 140.0 112.5 168.7
98 61.3 51.9 77.9

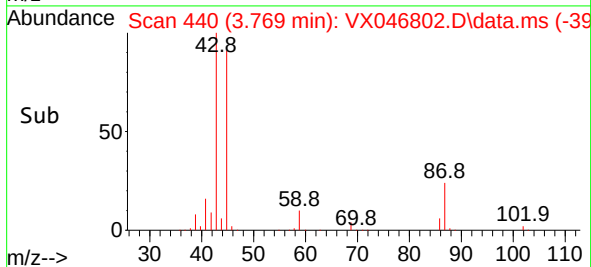
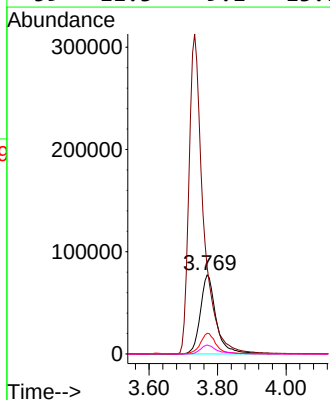
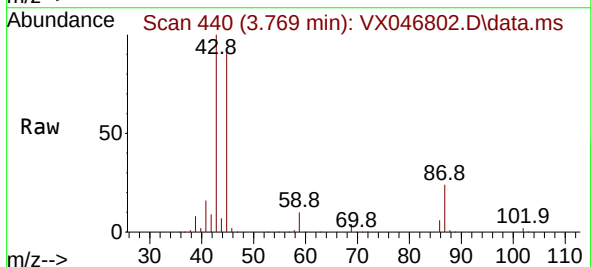
Manual Integrations
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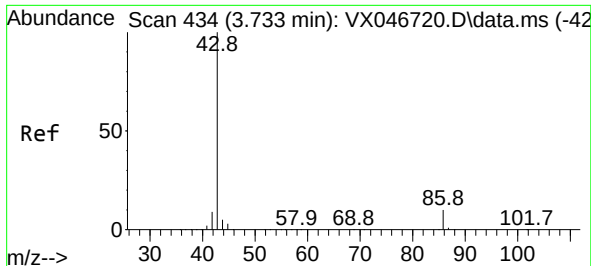
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#22
Diisopropyl ether
Concen: 49.940 ug/l
RT: 3.769 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

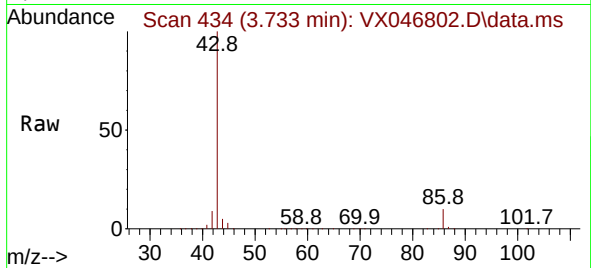
Tgt Ion: 45 Resp: 246842
Ion Ratio Lower Upper
45 100
43 109.7 91.9 137.9
87 26.1 22.0 33.0
59 11.3 9.1 13.7





#23
 Vinyl Acetate
 Concen: 233.138 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX046802.D
 Acq: 20 Jun 2025 22:08

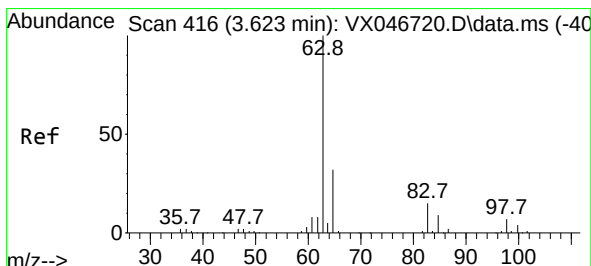
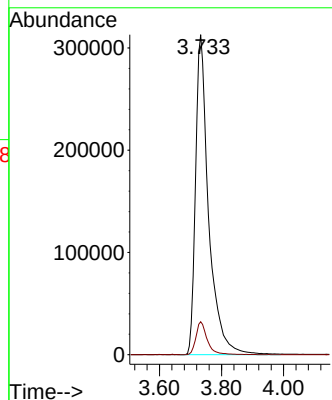
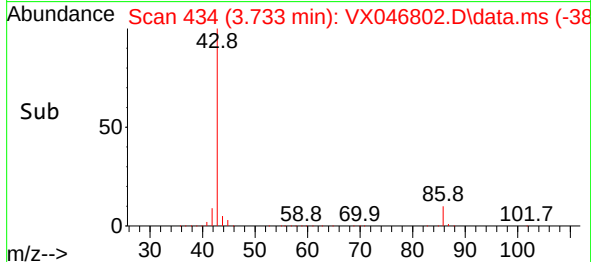
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



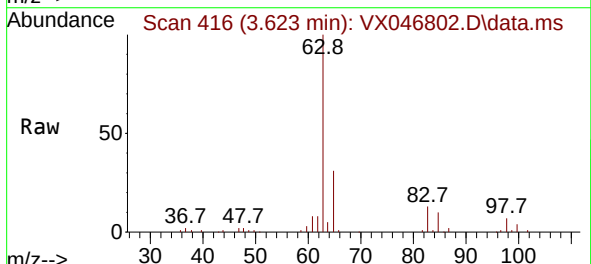
Tgt Ion: 43 Resp: 916360
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.2 12.2

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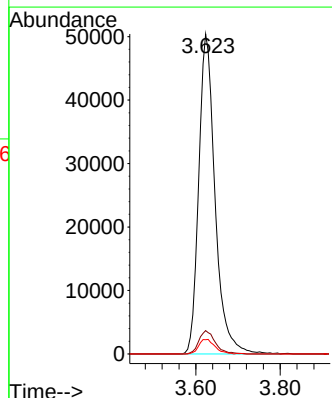
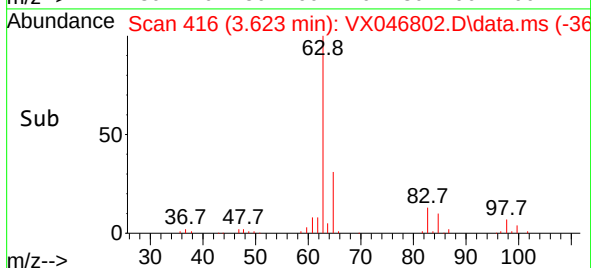
Reviewed By :John Carlone 06/23/2025
 Supervised By :Mahesh Dadoda 06/23/2025

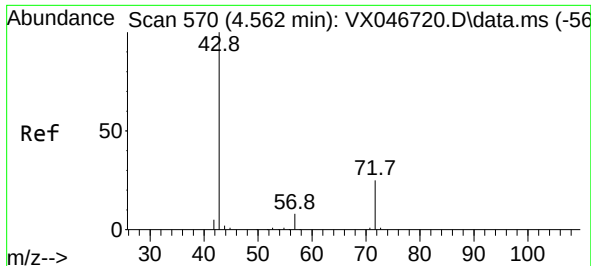


#24
 1,1-Dichloroethane
 Concen: 48.463 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. -0.000 min
 Lab File: VX046802.D
 Acq: 20 Jun 2025 22:08



Tgt Ion: 63 Resp: 136005
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.0 11.9
 100 4.5 2.2 6.6





#25

2-Butanone

Concen: 203.931 ug/l m

RT: 4.562 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX046802.D

Acq: 20 Jun 2025 22:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 17094

Ion Ratio Lower Upper

43 100

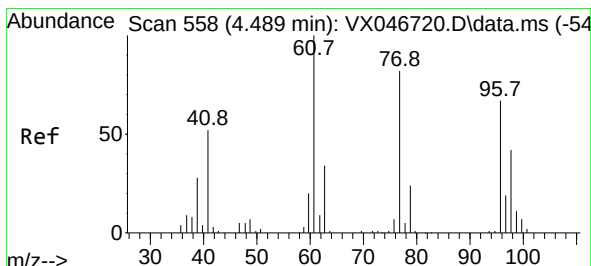
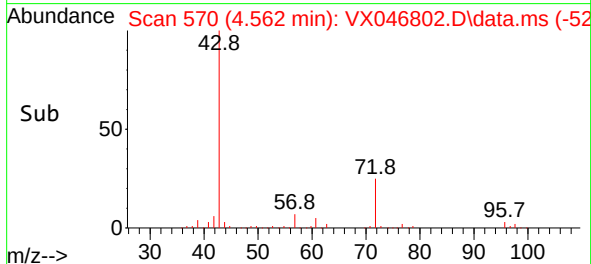
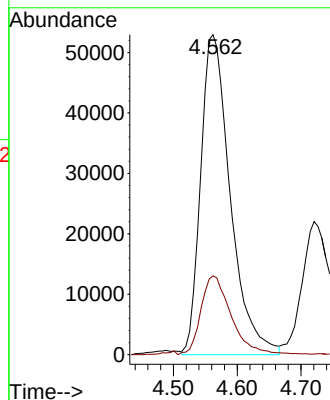
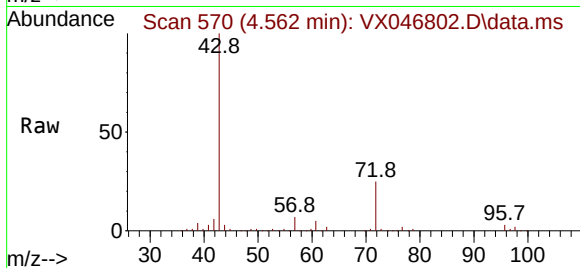
72 24.7 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2025

Supervised By :Mahesh Dadoda 06/23/2025



#26

2,2-Dichloropropane

Concen: 42.441 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX046802.D

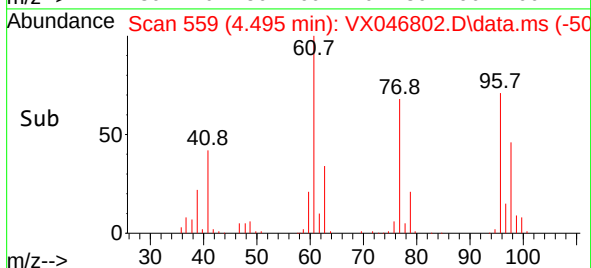
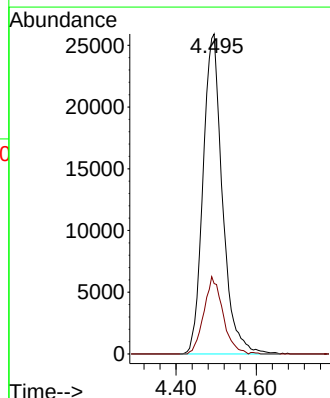
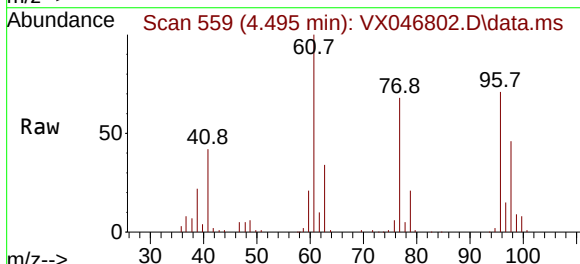
Acq: 20 Jun 2025 22:08

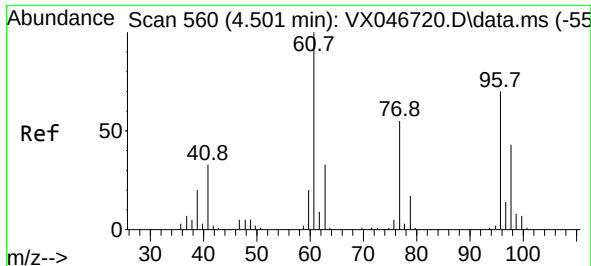
Tgt Ion: 77 Resp: 86870

Ion Ratio Lower Upper

77 100

97 23.7 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 48.970 ug/l

RT: 4.501 min Scan# 560

Delta R.T. -0.000 min

Lab File: VX046802.D

Acq: 20 Jun 2025 22:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 8737

Ion Ratio Lower Upper

96 100

61 141.7 0.0 291.0

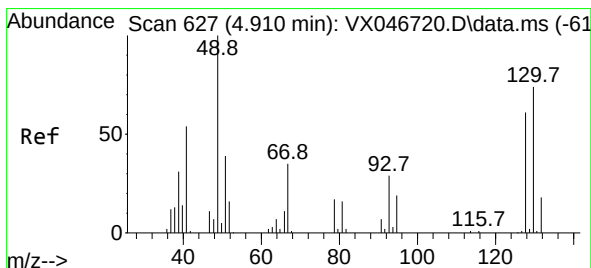
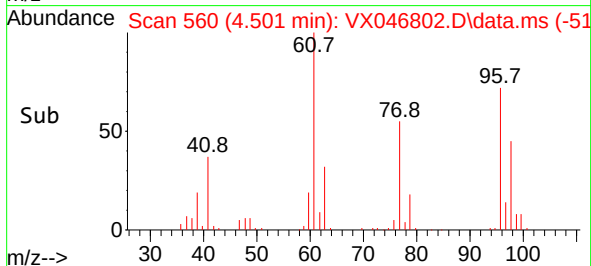
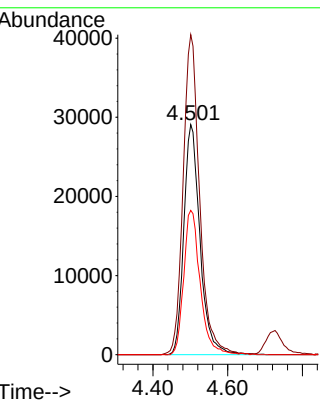
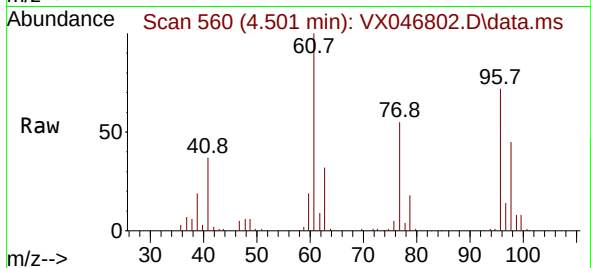
98 63.6 0.0 126.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2025

Supervised By :Mahesh Dadoda 06/23/2025



#28

Bromochloromethane

Concen: 51.198 ug/l

RT: 4.909 min Scan# 627

Delta R.T. -0.000 min

Lab File: VX046802.D

Acq: 20 Jun 2025 22:08

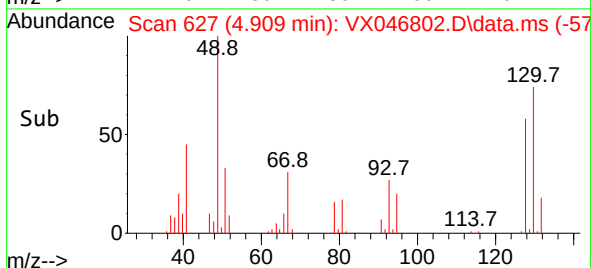
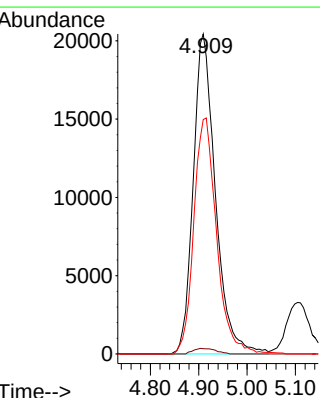
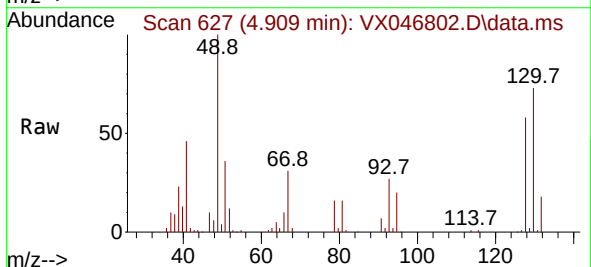
Tgt Ion: 49 Resp: 65139

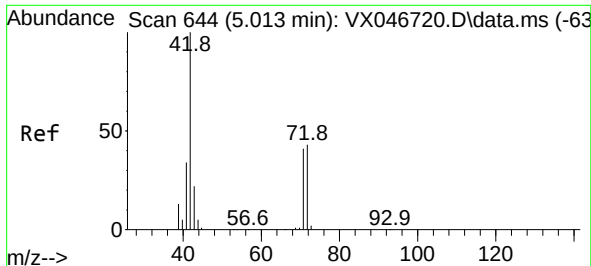
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 75.7 61.4 92.0





#29

Tetrahydrofuran

Concen: 203.104 ug/l

RT: 5.013 min Scan# 644

Delta R.T. -0.000 min

Lab File: VX046802.D

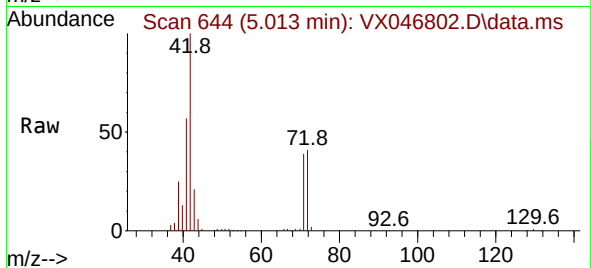
Acq: 20 Jun 2025 22:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 42 Resp: 10996

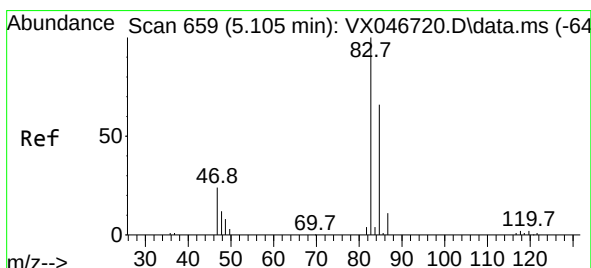
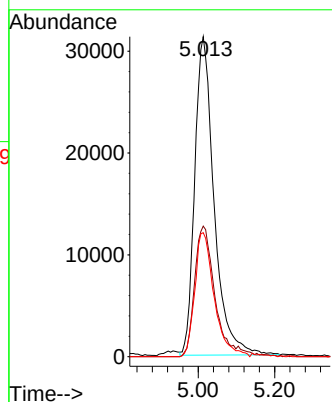
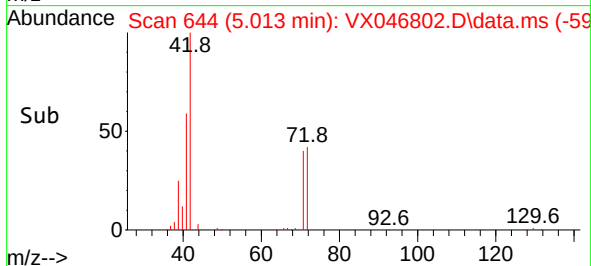
Ion	Ratio	Lower	Upper
42	100		
72	43.3	34.9	52.3
71	39.0	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2025

Supervised By :Mahesh Dadoda 06/23/2025



#30

Chloroform

Concen: 49.233 ug/l

RT: 5.105 min Scan# 659

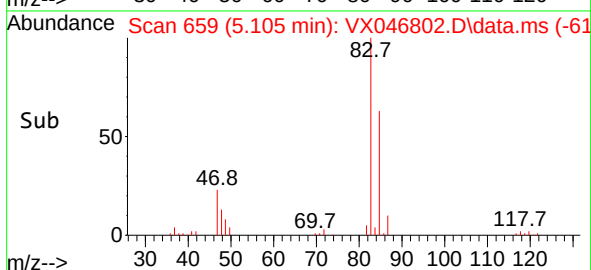
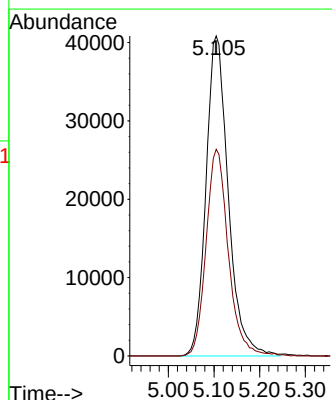
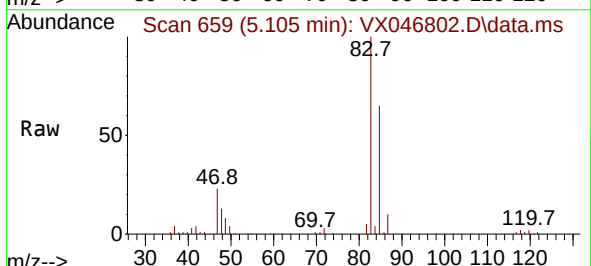
Delta R.T. -0.000 min

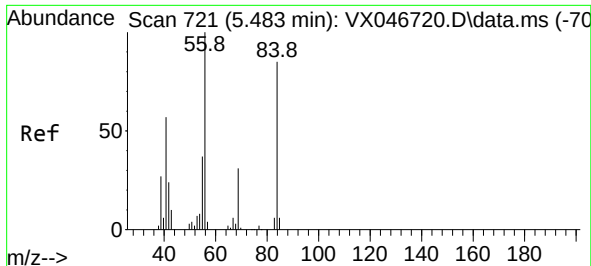
Lab File: VX046802.D

Acq: 20 Jun 2025 22:08

Tgt Ion: 83 Resp: 138175

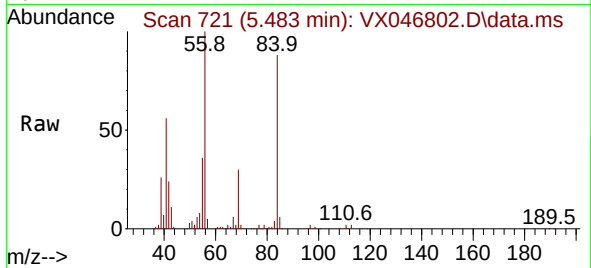
Ion	Ratio	Lower	Upper
83	100		
85	64.6	53.7	80.5





#31
Cyclohexane
Concen: 47.858 ug/l
RT: 5.483 min Scan# 721
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

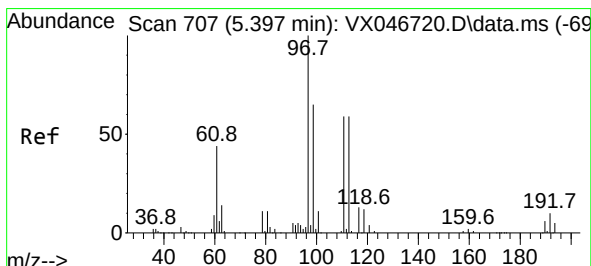
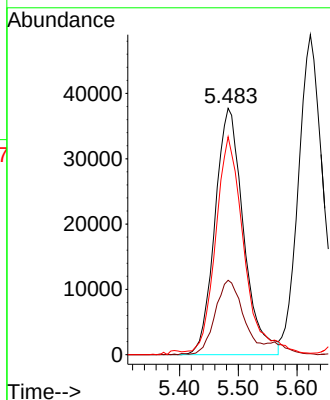
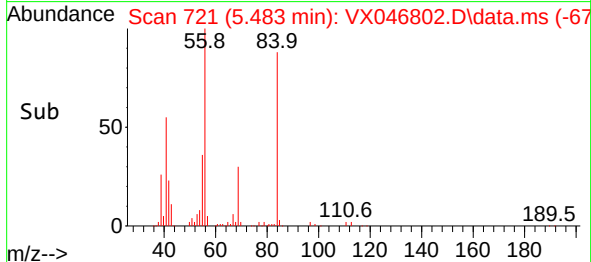
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 12736
Ion Ratio Lower Upper
56 100
69 29.9 24.8 37.2
84 87.0 68.2 102.2

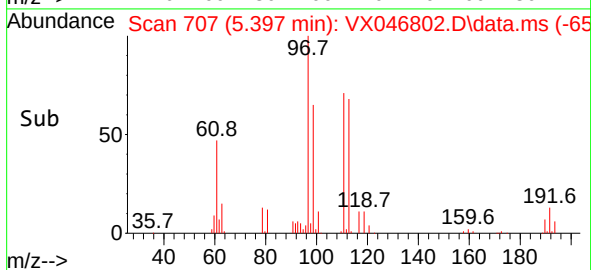
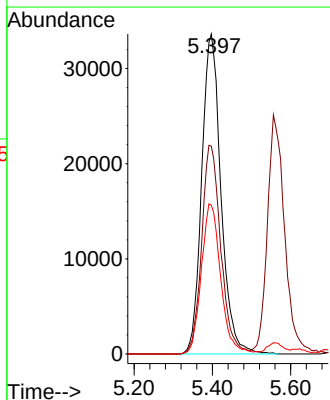
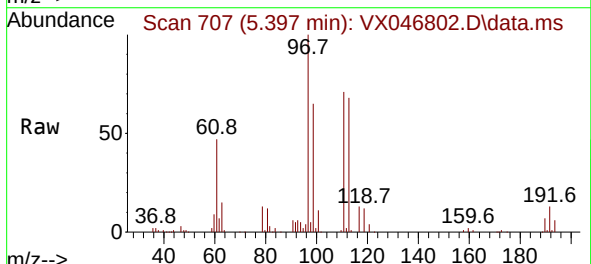
Manual Integrations
APPROVED

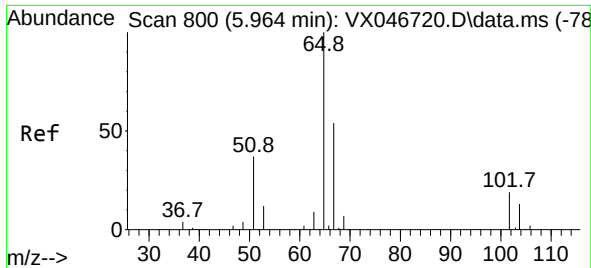
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#32
1,1,1-Trichloroethane
Concen: 46.590 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

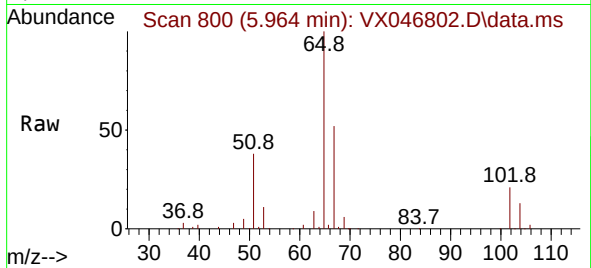
Tgt Ion: 97 Resp: 114677
Ion Ratio Lower Upper
97 100
99 64.7 51.3 76.9
61 47.2 36.4 54.6





#33
 1,2-Dichloroethane-d4
 Concen: 50.223 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.000 min
 Lab File: VX046802.D
 Acq: 20 Jun 2025 22:08

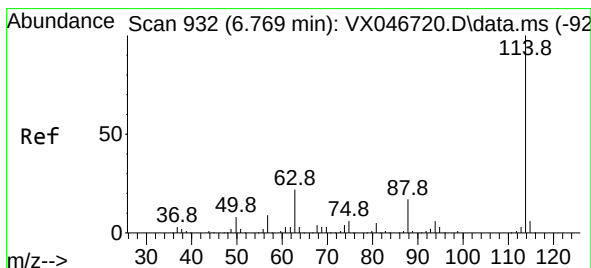
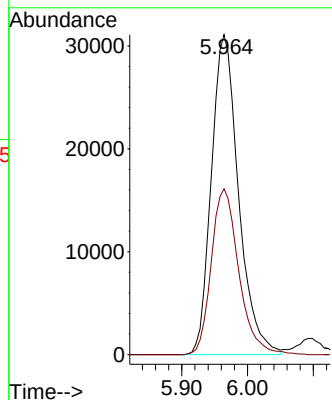
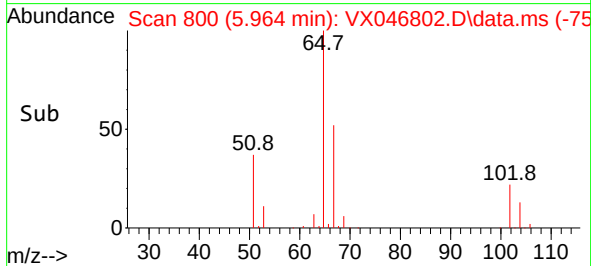
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



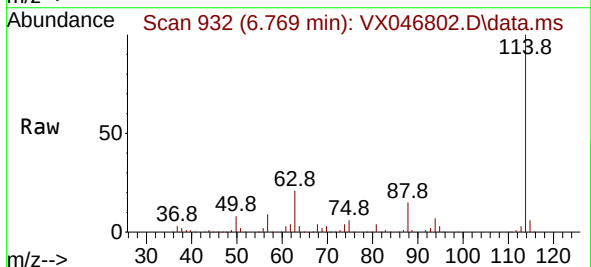
Tgt Ion: 65 Resp: 8926
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.4

Manual Integrations
 APPROVED

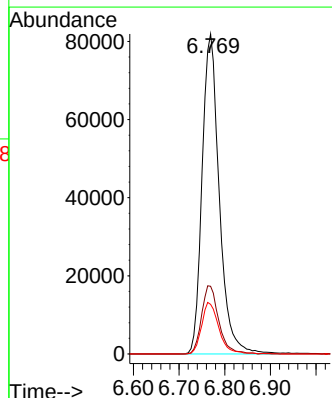
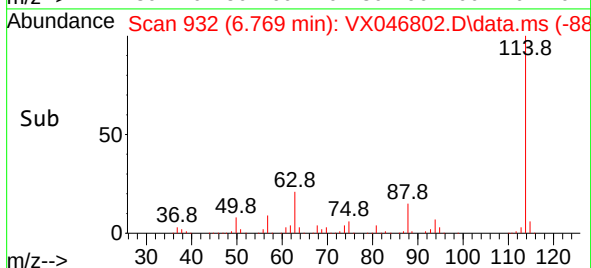
Reviewed By :John Carlone 06/23/2025
 Supervised By :Mahesh Dadoda 06/23/2025

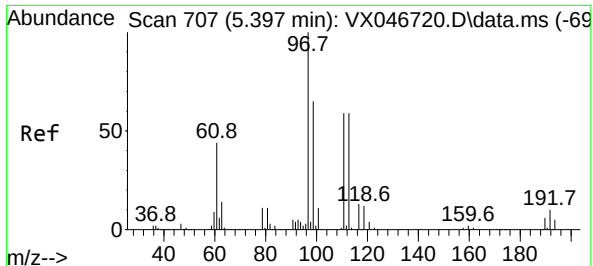


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.000 min
 Lab File: VX046802.D
 Acq: 20 Jun 2025 22:08



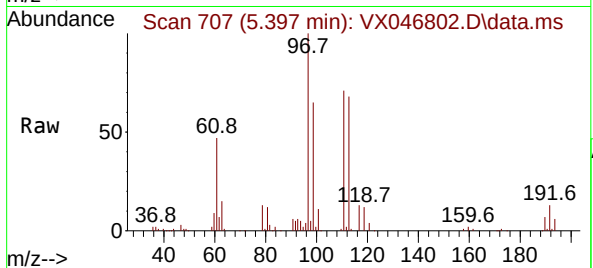
Tgt Ion:114 Resp: 213155
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 44.2
 88 15.5 0.0 33.2





#35
Dibromofluoromethane
Concen: 53.374 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

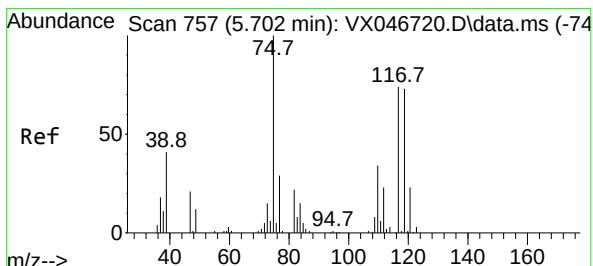
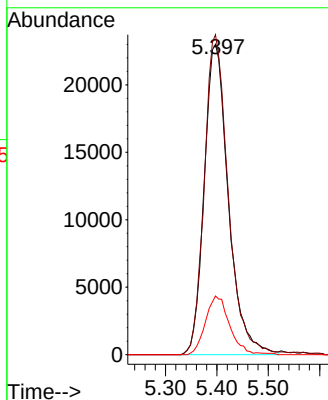
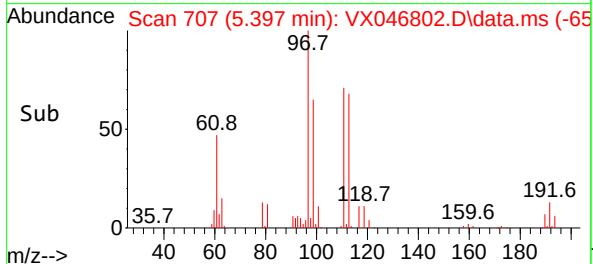
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 75274
Ion Ratio Lower Upper
113 100
111 102.0 82.0 123.0
192 18.9 15.3 22.9

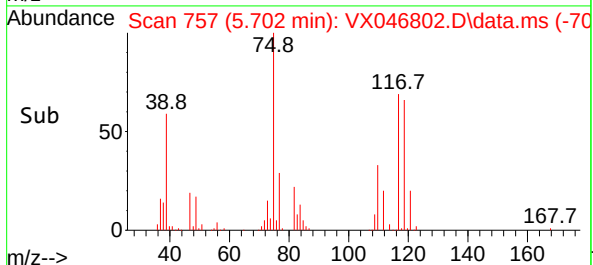
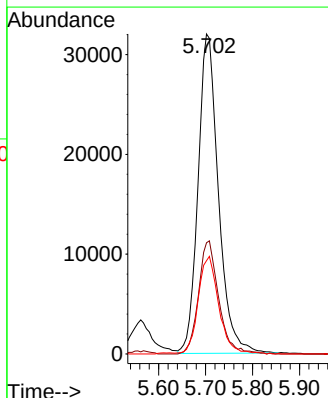
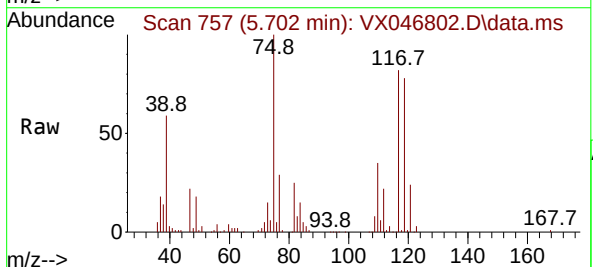
Manual Integrations
APPROVED

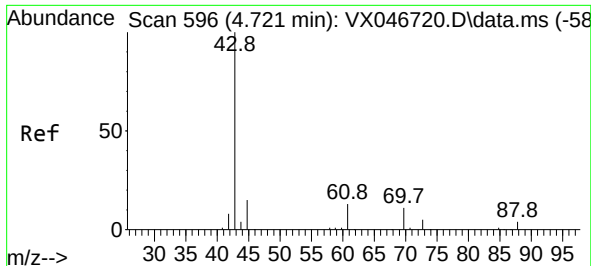
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#36
1,1-Dichloropropene
Concen: 47.430 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

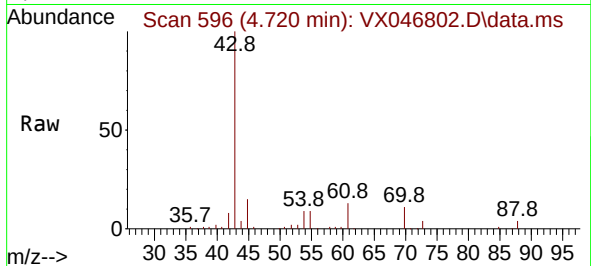
Tgt Ion: 75 Resp: 96560
Ion Ratio Lower Upper
75 100
110 34.9 17.2 51.5
77 30.9 24.2 36.4





#37
Ethyl Acetate
Concen: 39.762 ug/l
RT: 4.720 min Scan# 596
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

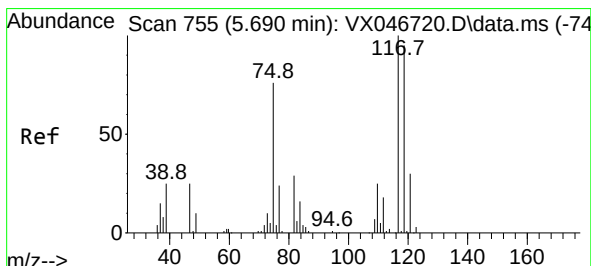
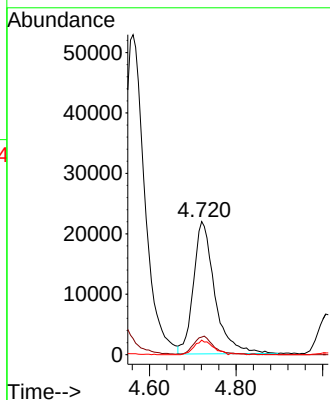
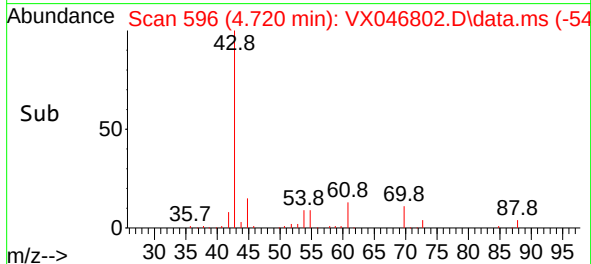
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 74719
Ion Ratio Lower Upper
43 100
61 13.4 9.7 14.5
70 9.6 8.1 12.1

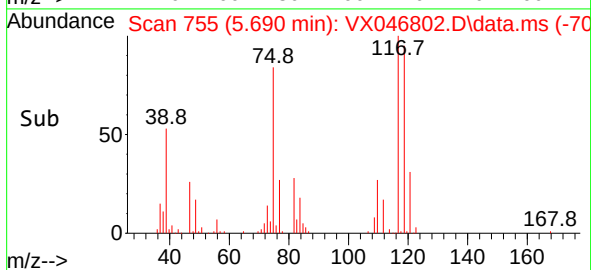
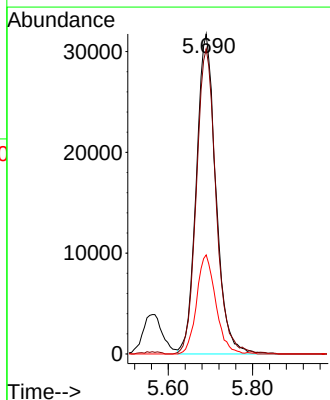
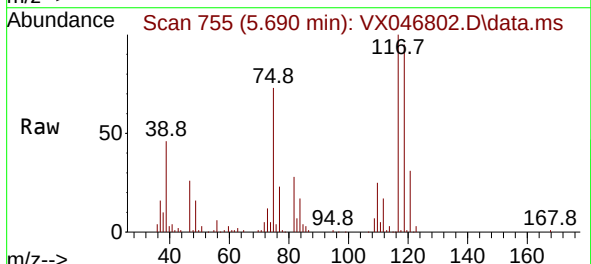
Manual Integrations
APPROVED

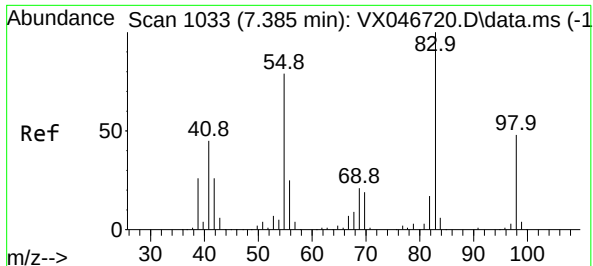
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#38
Carbon Tetrachloride
Concen: 46.388 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

Tgt Ion:117 Resp: 102488
Ion Ratio Lower Upper
117 100
119 95.4 75.2 112.8
121 30.9 24.1 36.1





#39

Methylcyclohexane

Concen: 46.876 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX046802.D

Acq: 20 Jun 2025 22:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 12558

Ion Ratio Lower Upper

83 100

55 81.3 63.0 94.4

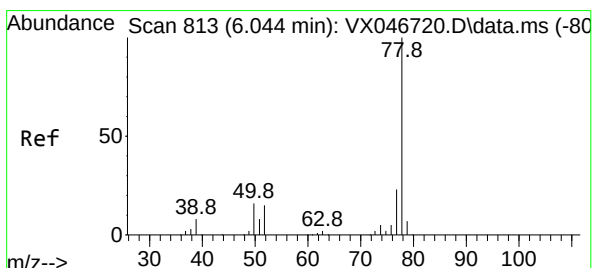
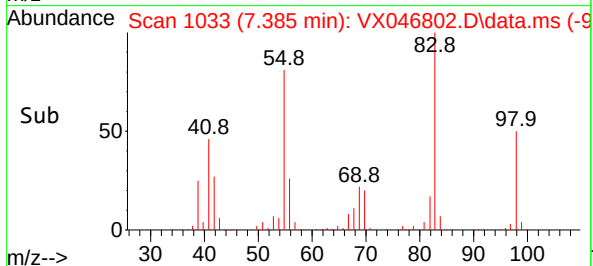
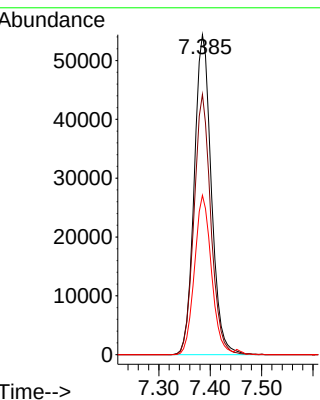
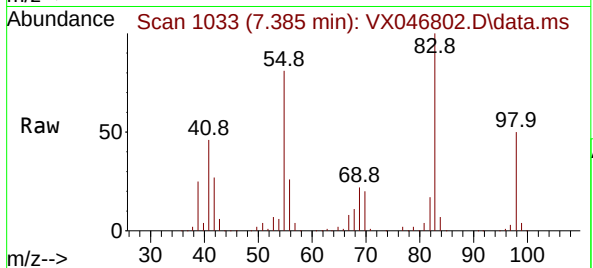
98 49.8 38.8 58.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2025

Supervised By :Mahesh Dadoda 06/23/2025



#40

Benzene

Concen: 48.941 ug/l

RT: 6.050 min Scan# 814

Delta R.T. 0.006 min

Lab File: VX046802.D

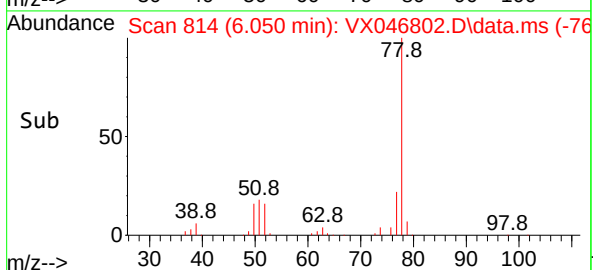
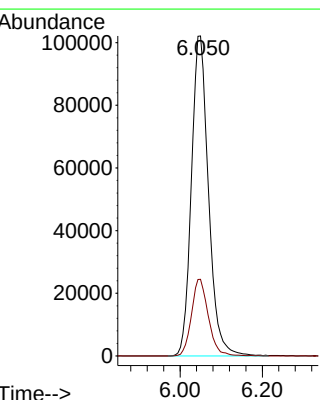
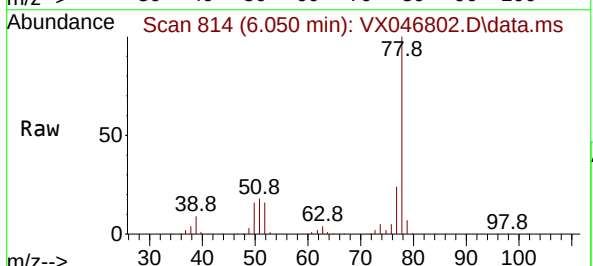
Acq: 20 Jun 2025 22:08

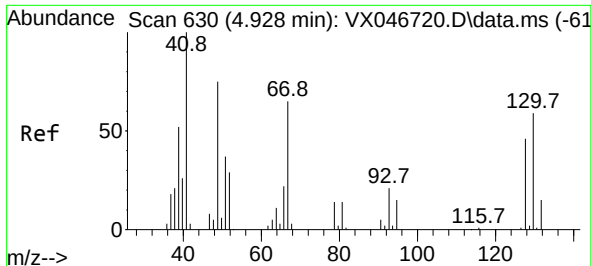
Tgt Ion: 78 Resp: 294869

Ion Ratio Lower Upper

78 100

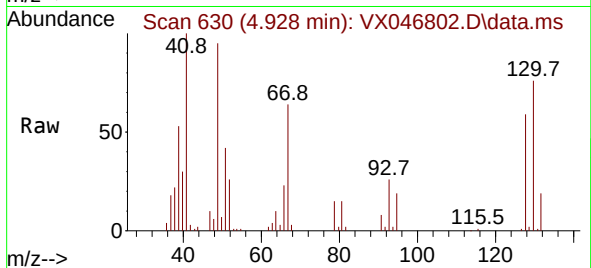
77 24.0 18.8 28.2





#41
Methacrylonitrile
Concen: 45.933 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

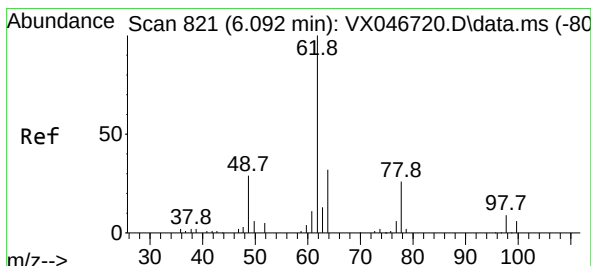
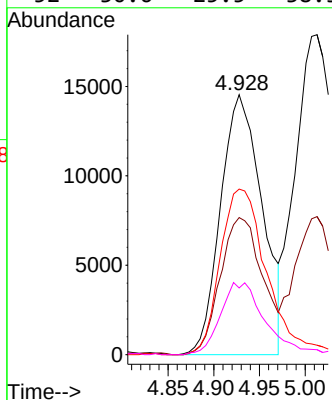
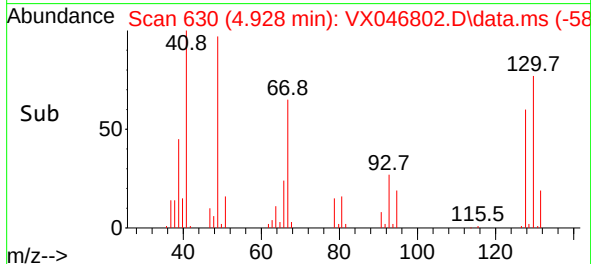
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 46010
Ion Ratio Lower Upper
41 100
39 53.7 45.9 68.9
67 72.0 61.2 91.8
52 30.6 25.5 38.3

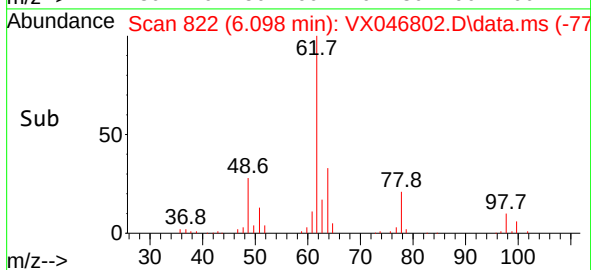
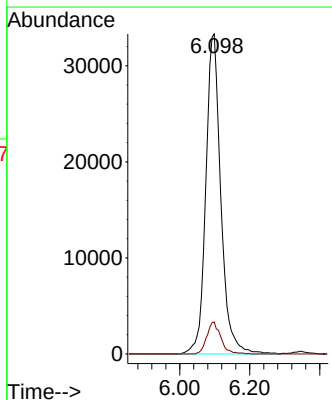
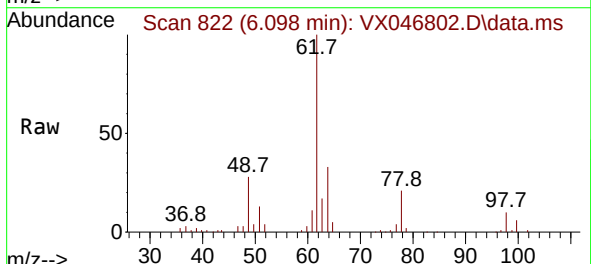
Manual Integrations
APPROVED

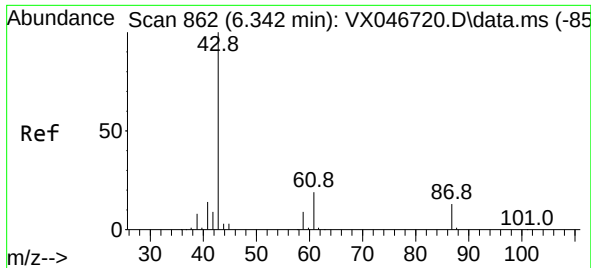
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#42
1,2-Dichloroethane
Concen: 46.963 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.006 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

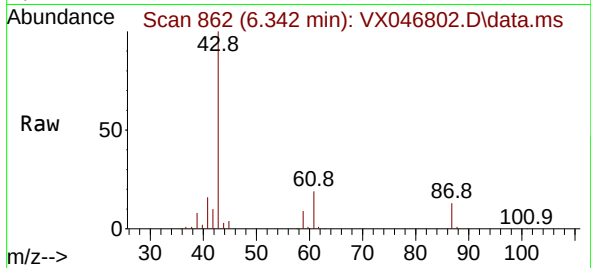
Tgt Ion: 62 Resp: 99432
Ion Ratio Lower Upper
62 100
98 9.3 0.0 17.8





#43
Isopropyl Acetate
Concen: 42.327 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

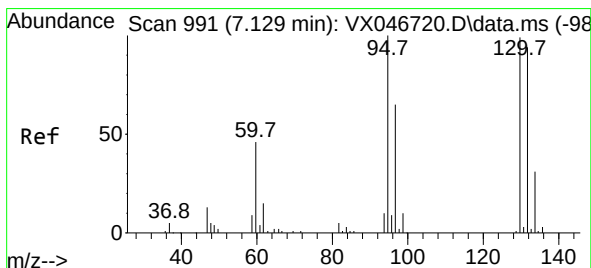
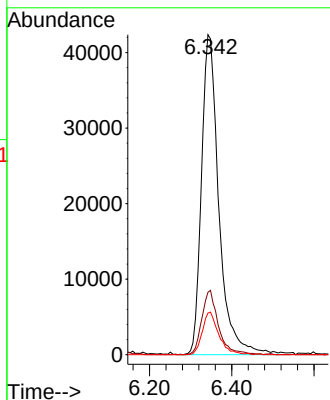
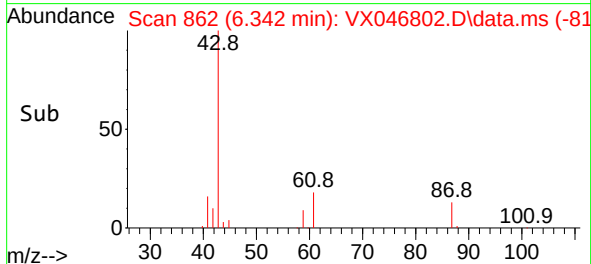
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 12446
Ion Ratio Lower Upper
43 100
61 19.2 15.3 22.9
87 12.6 10.0 15.0

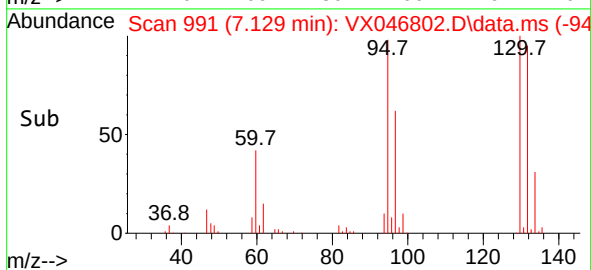
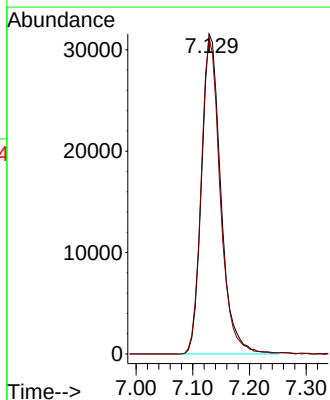
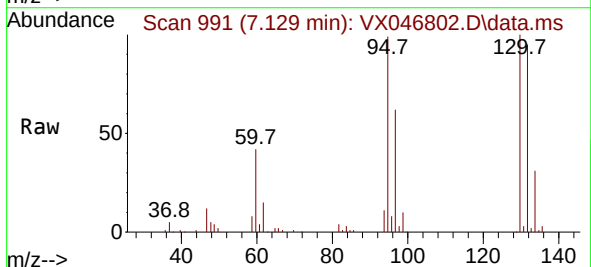
Manual Integrations
APPROVED

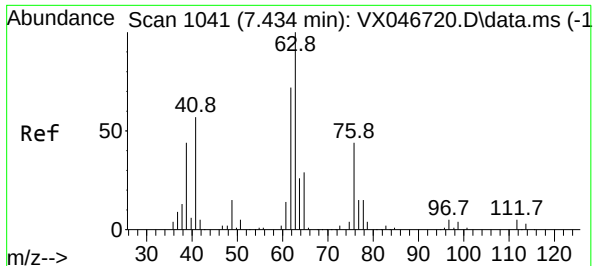
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#44
Trichloroethene
Concen: 48.472 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

Tgt Ion:130 Resp: 74426
Ion Ratio Lower Upper
130 100
95 98.8 0.0 202.6





#45

1,2-Dichloropropane

Concen: 48.756 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX046802.D

Acq: 20 Jun 2025 22:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 7280

Ion Ratio Lower Upper

63 100

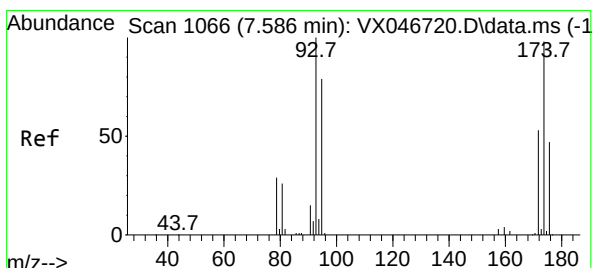
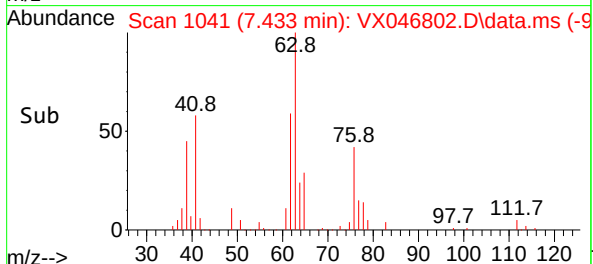
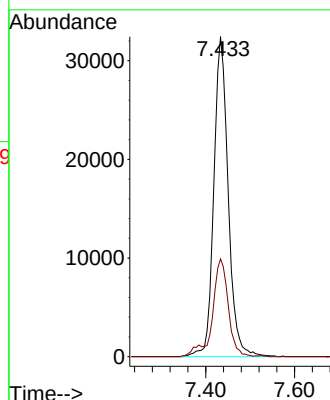
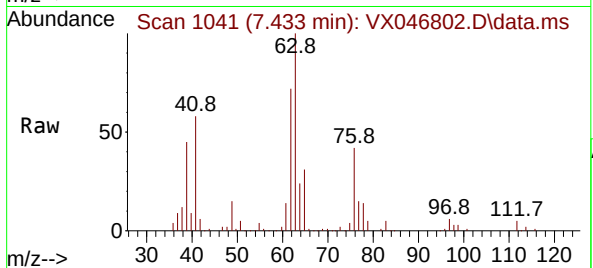
65 30.6 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2025

Supervised By :Mahesh Dadoda 06/23/2025



#46

Dibromomethane

Concen: 47.357 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX046802.D

Acq: 20 Jun 2025 22:08

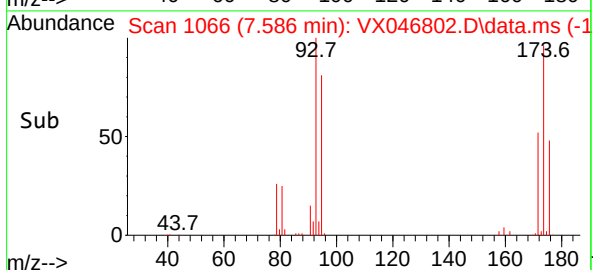
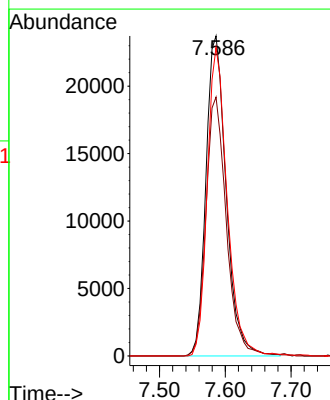
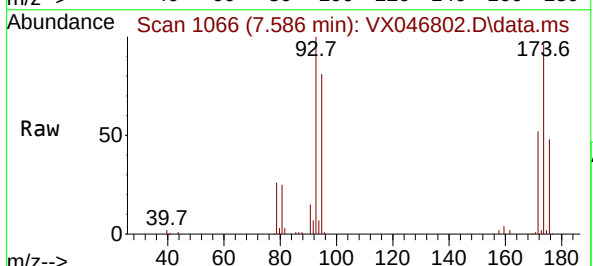
Tgt Ion: 93 Resp: 50820

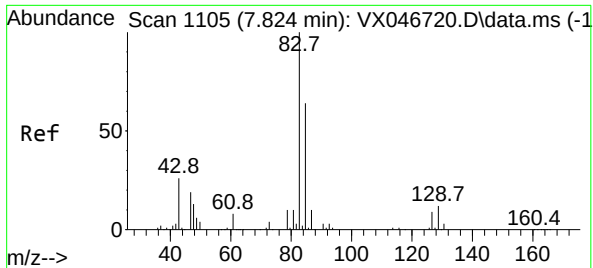
Ion Ratio Lower Upper

93 100

95 81.7 66.2 99.4

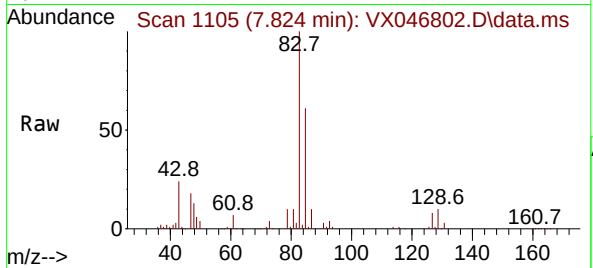
174 95.0 77.0 115.6





#47
Bromodichloromethane
Concen: 48.615 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

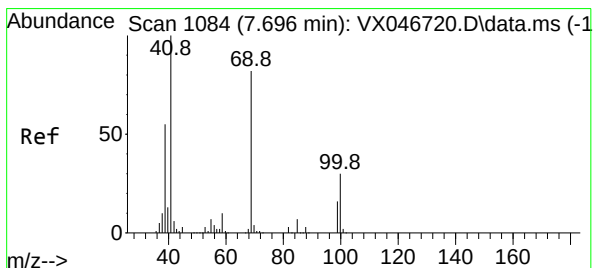
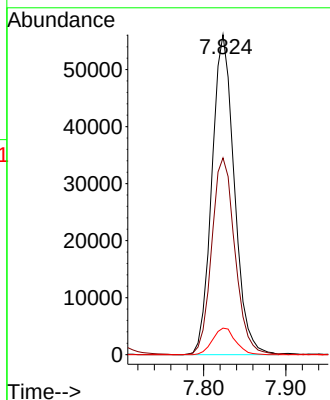
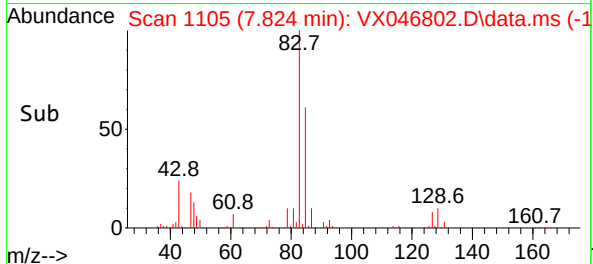
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 106464
Ion Ratio Lower Upper
83 100
85 61.5 51.4 77.2
127 8.3 6.9 10.3

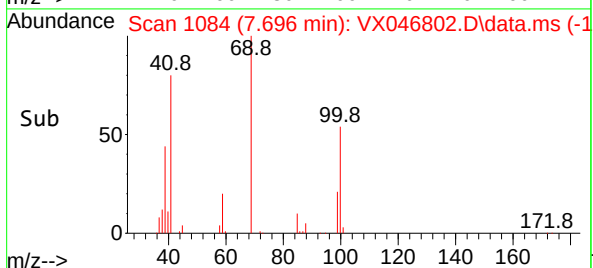
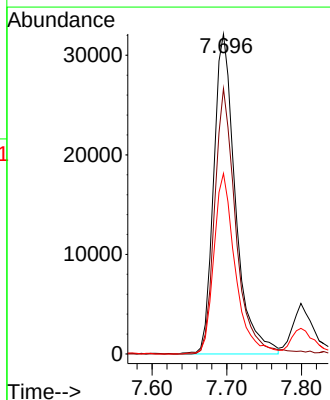
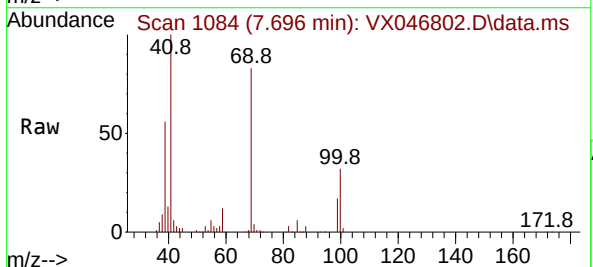
Manual Integrations
APPROVED

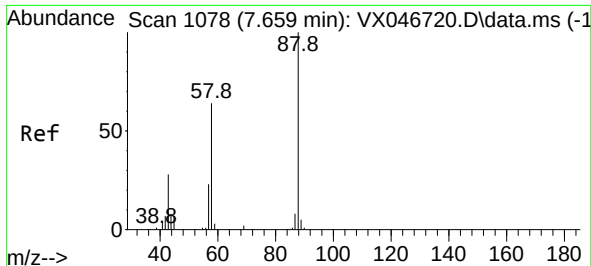
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#48
Methyl methacrylate
Concen: 44.272 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

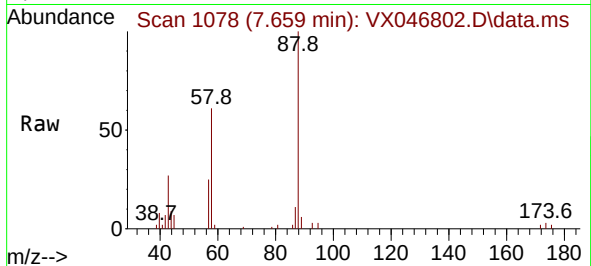
Tgt Ion: 41 Resp: 65291
Ion Ratio Lower Upper
41 100
69 80.9 63.4 95.2
39 55.4 45.4 68.0





#49
1,4-Dioxane
Concen: 656.980 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

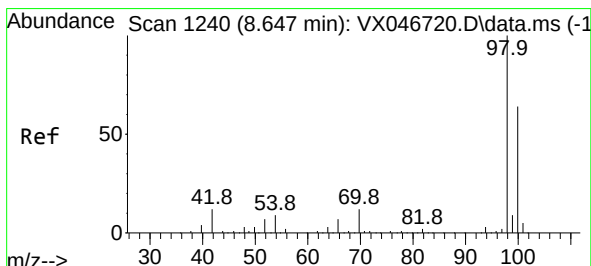
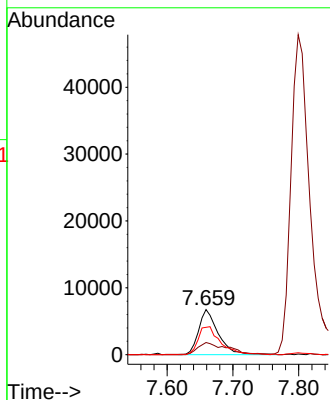
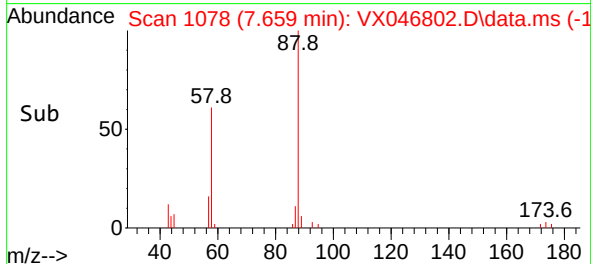
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 1388
Ion Ratio Lower Upper
88 100
43 42.3 31.2 46.8
58 70.2 54.7 82.1

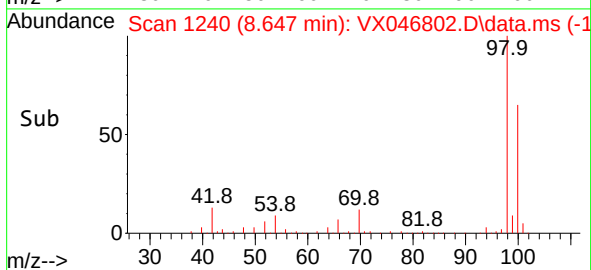
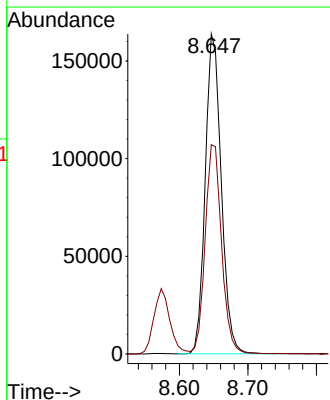
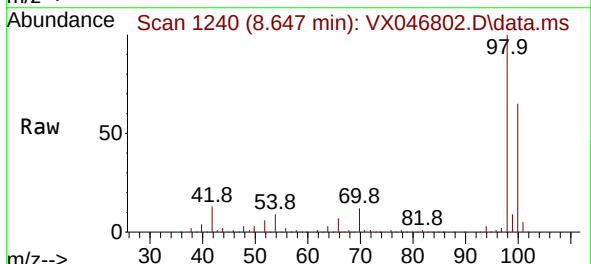
Manual Integrations
APPROVED

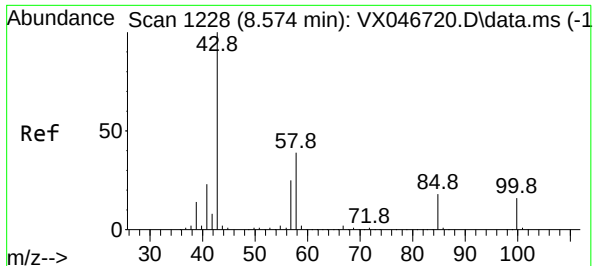
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#50
Toluene-d8
Concen: 52.687 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

Tgt Ion: 98 Resp: 266958
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.4





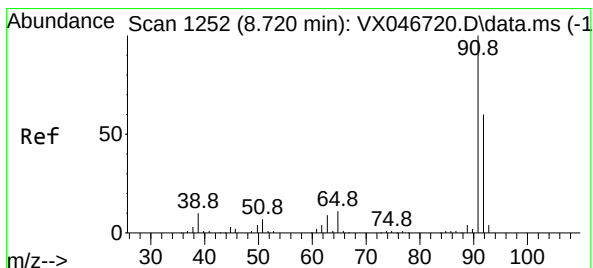
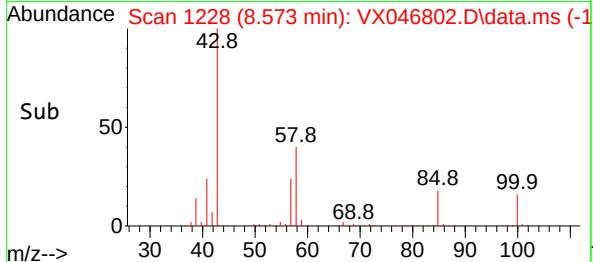
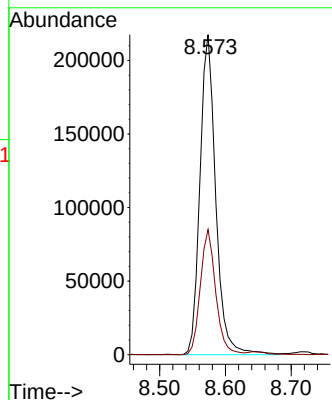
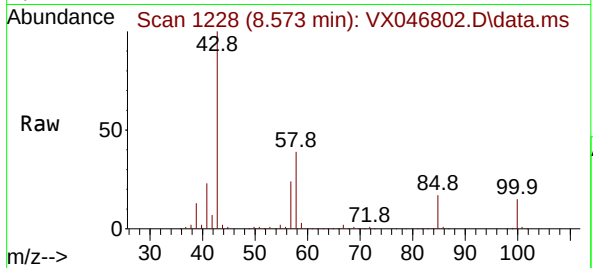
#51
4-Methyl-2-Pentanone
Concen: 207.148 ug/l
RT: 8.573 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 36329
Ion Ratio Lower Upper
43 100
58 38.1 30.8 46.2

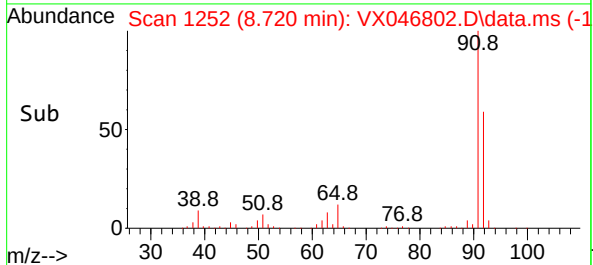
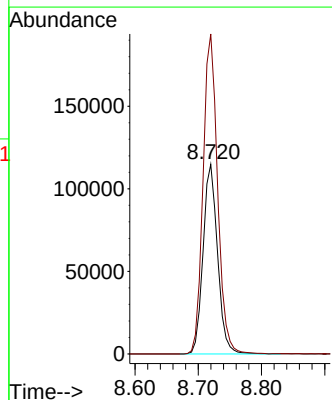
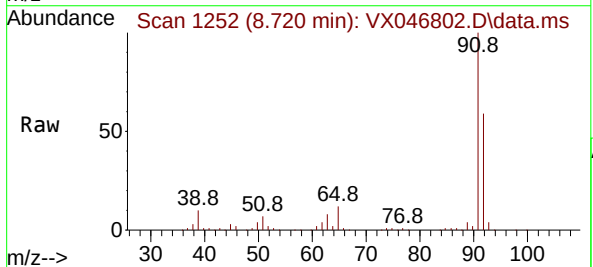
Manual Integrations
APPROVED

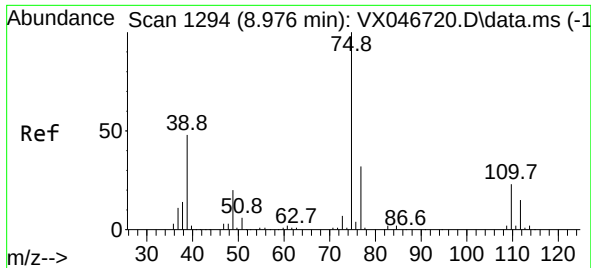
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#52
Toluene
Concen: 49.024 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

Tgt Ion: 92 Resp: 183112
Ion Ratio Lower Upper
92 100
91 169.7 134.8 202.2





#53
t-1,3-Dichloropropene
Concen: 47.084 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

Instrument :

MSVOA_X

ClientSampleId :

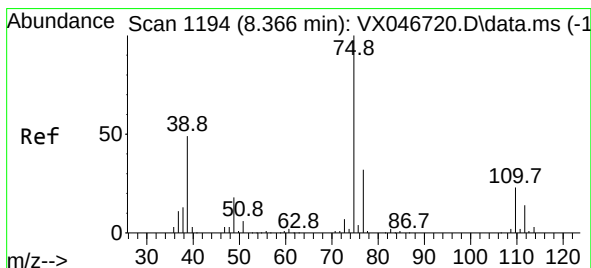
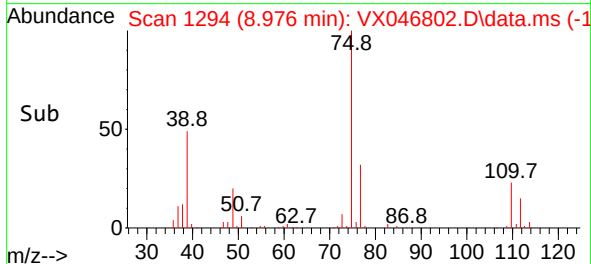
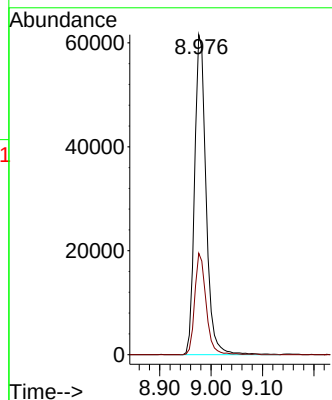
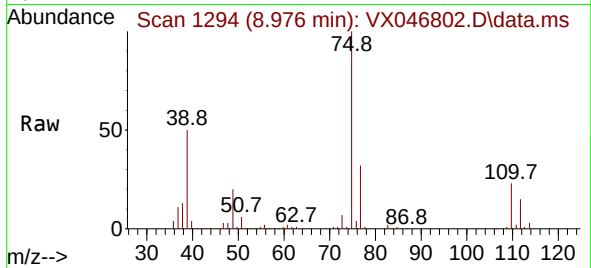
VSTDCCC050EC

Tgt Ion: 75 Resp: 9566
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4

Manual Integrations

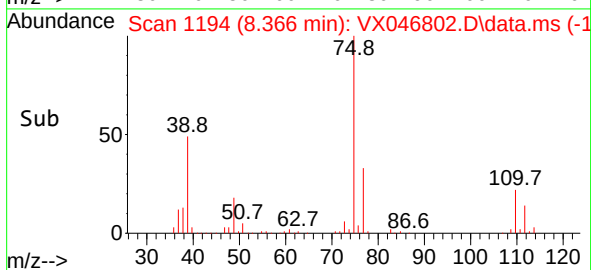
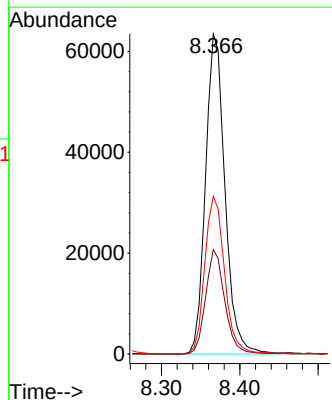
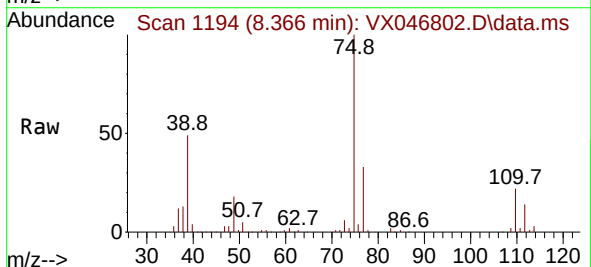
APPROVED

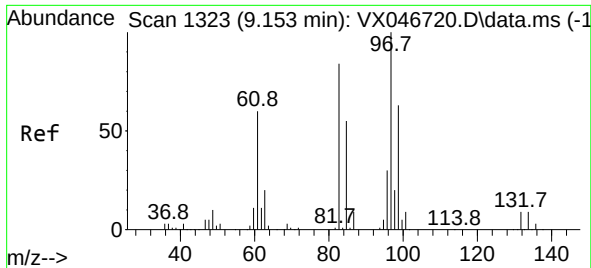
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#54
cis-1,3-Dichloropropene
Concen: 47.331 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

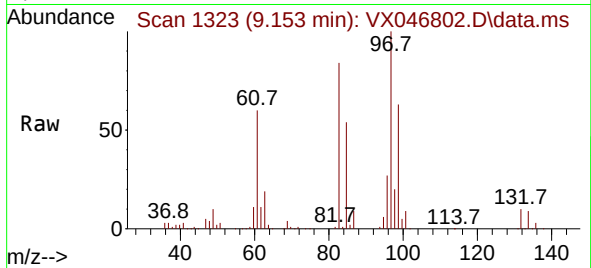
Tgt Ion: 75 Resp: 109175
Ion Ratio Lower Upper
75 100
77 32.6 25.3 37.9
39 49.0 39.2 58.8





#55
1,1,2-Trichloroethane
Concen: 48.018 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

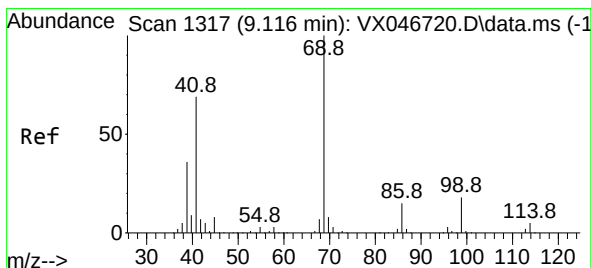
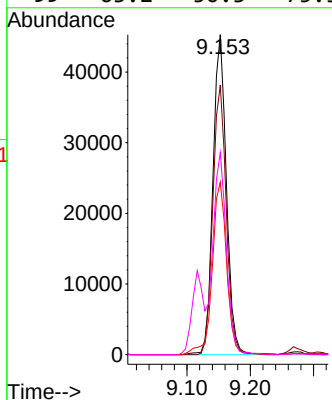
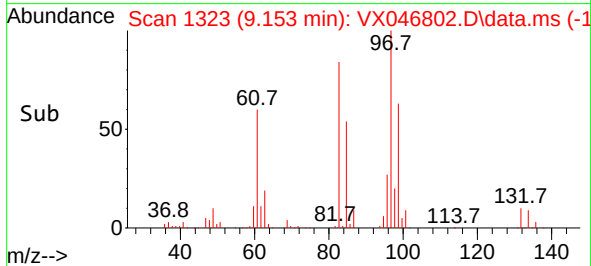
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



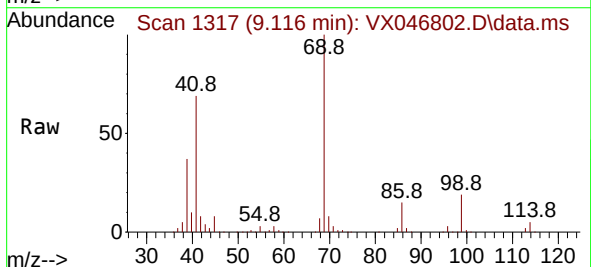
Tgt Ion: 97 Resp: 66838
Ion Ratio Lower Upper
97 100
83 84.2 67.2 100.8
85 53.9 44.1 66.1
99 63.2 50.3 75.5

Manual Integrations
APPROVED

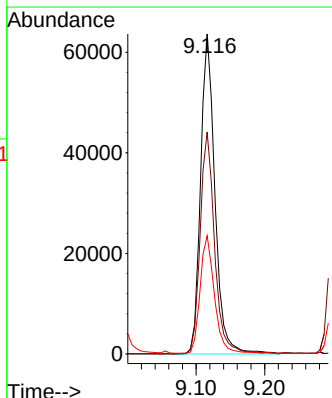
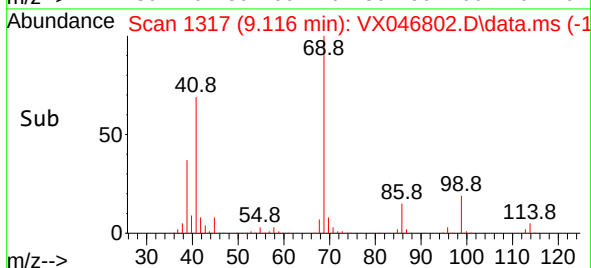
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

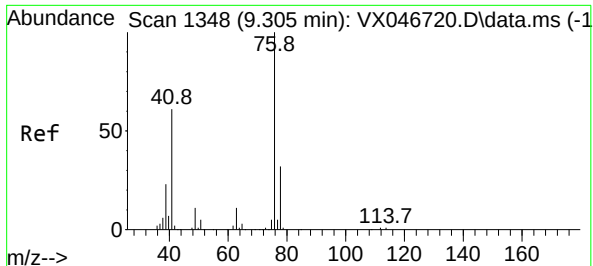


#56
Ethyl methacrylate
Concen: 45.205 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08



Tgt Ion: 69 Resp: 92884
Ion Ratio Lower Upper
69 100
41 70.2 55.4 83.2
39 36.7 29.7 44.5





#57

1,3-Dichloropropane

Concen: 47.373 ug/l

RT: 9.305 min Scan# 11355

Delta R.T. -0.000 min

Lab File: VX046802.D

Acq: 20 Jun 2025 22:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 11355

Ion Ratio Lower Upper

76 100

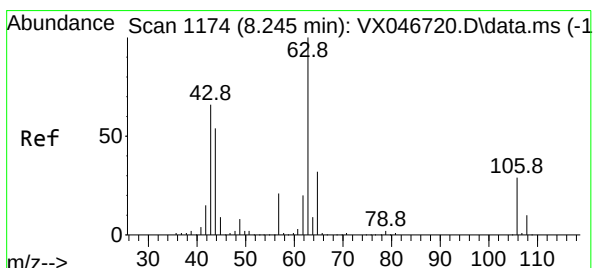
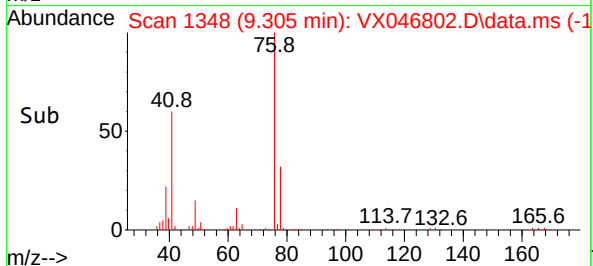
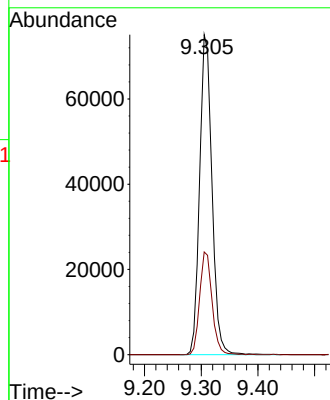
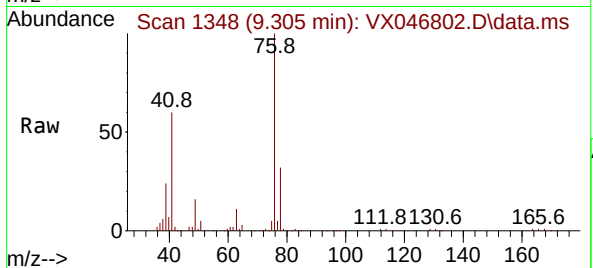
78 32.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2025

Supervised By :Mahesh Dadoda 06/23/2025



#58

2-Chloroethyl Vinyl ether

Concen: 252.507 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX046802.D

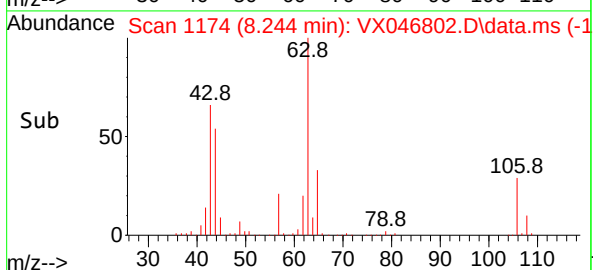
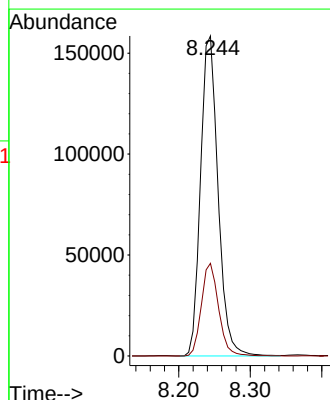
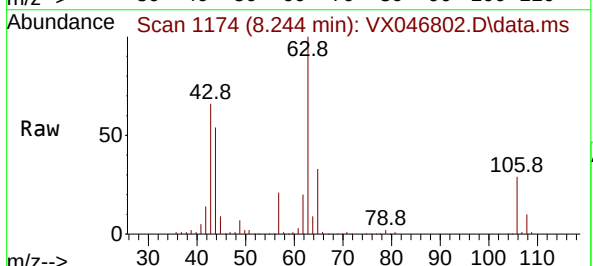
Acq: 20 Jun 2025 22:08

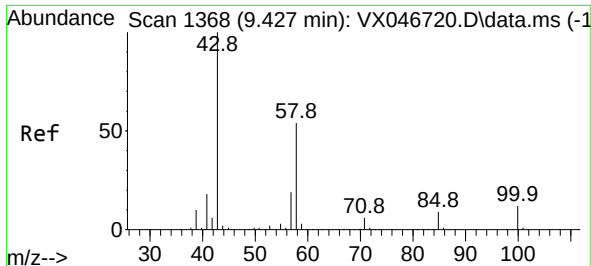
Tgt Ion: 63 Resp: 269513

Ion Ratio Lower Upper

63 100

106 28.4 22.6 34.0





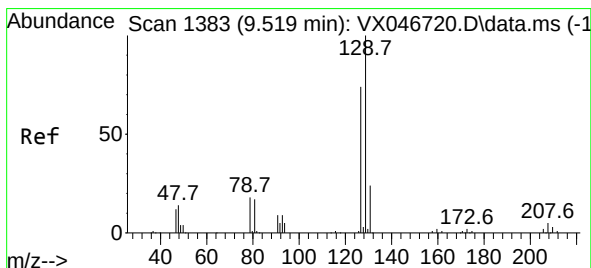
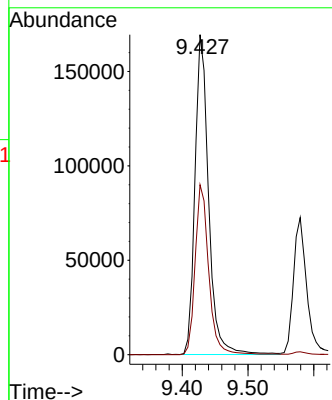
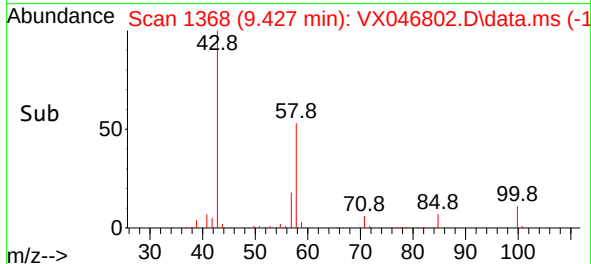
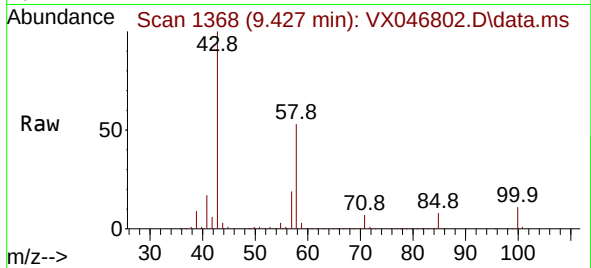
#59
2-Hexanone
Concen: 201.245 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 244004
Ion Ratio Lower Upper
43 100
58 53.0 26.8 80.4

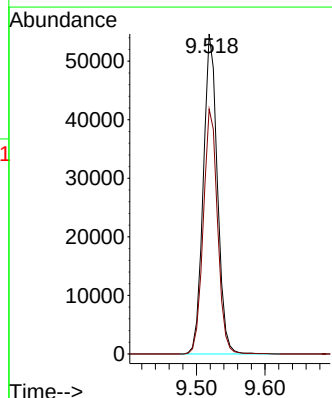
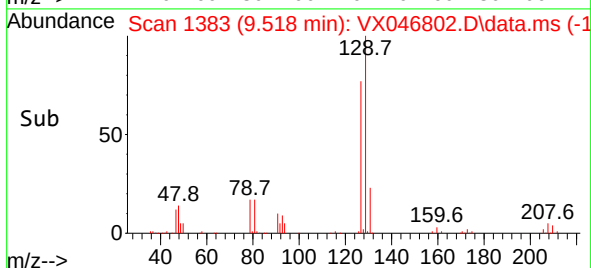
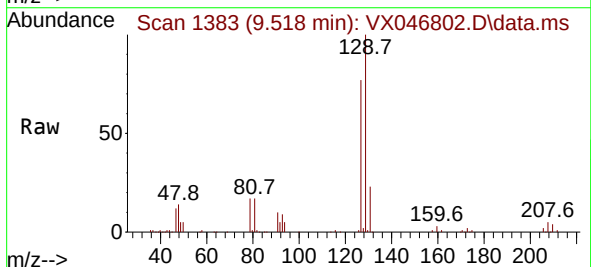
Manual Integrations
APPROVED

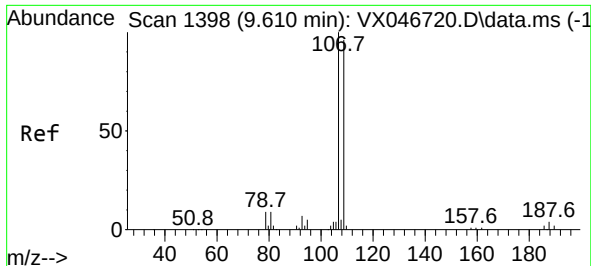
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#60
Dibromochloromethane
Concen: 47.759 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

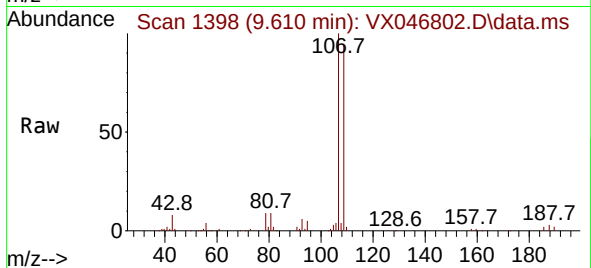
Tgt Ion:129 Resp: 78341
Ion Ratio Lower Upper
129 100
127 77.3 38.4 115.2





#61
1,2-Dibromoethane
Concen: 46.738 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

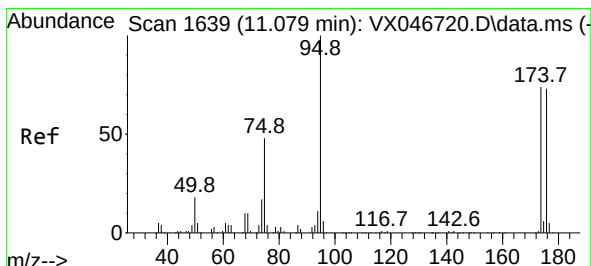
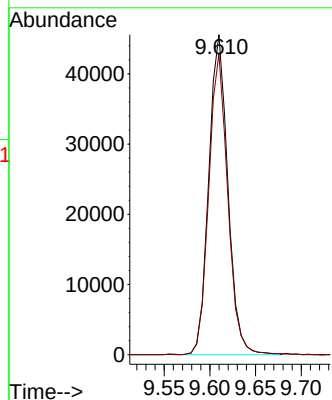
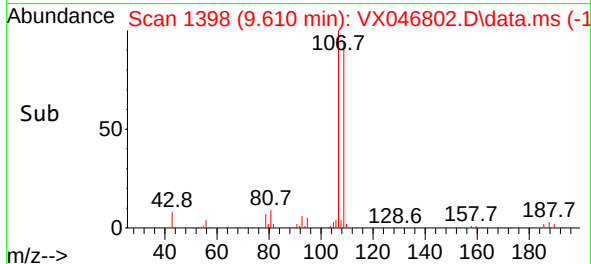
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 66179
Ion Ratio Lower Upper
107 100
109 93.6 75.8 113.6

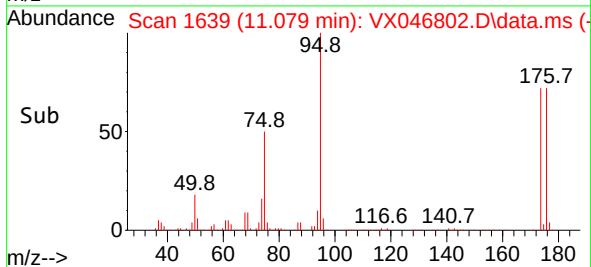
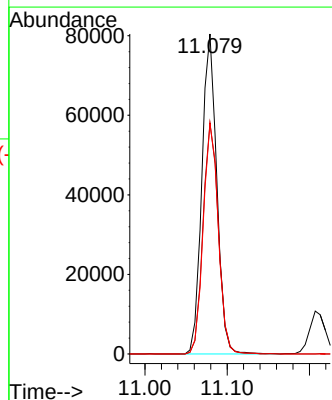
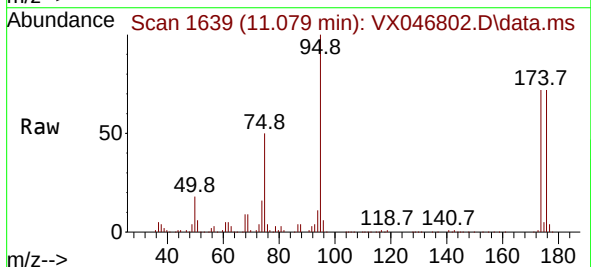
Manual Integrations
APPROVED

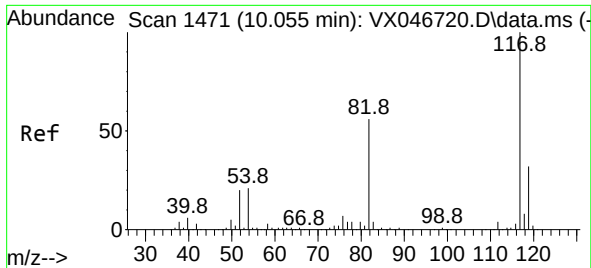
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#62
4-Bromofluorobenzene
Concen: 53.665 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

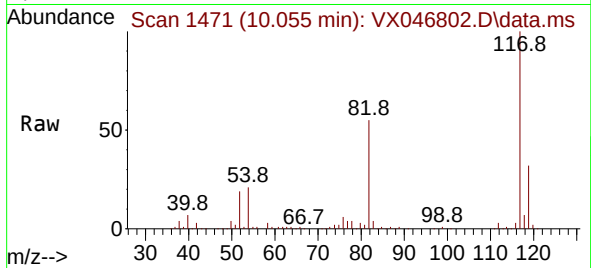
Tgt Ion: 95 Resp: 101361
Ion Ratio Lower Upper
95 100
174 74.0 0.0 150.4
176 72.9 0.0 145.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

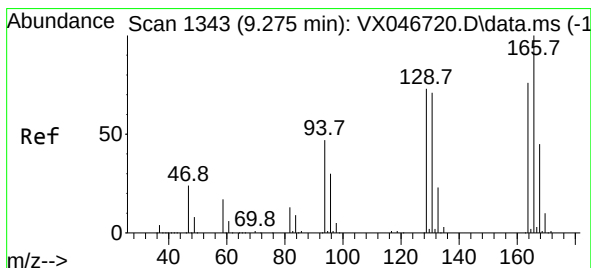
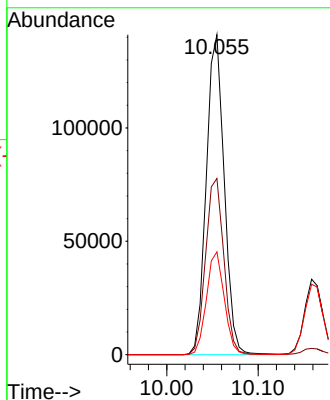
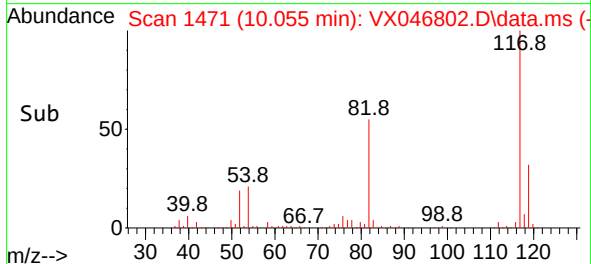
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 191599
Ion Ratio Lower Upper
117 100
82 55.0 44.6 66.8
119 32.1 25.8 38.8

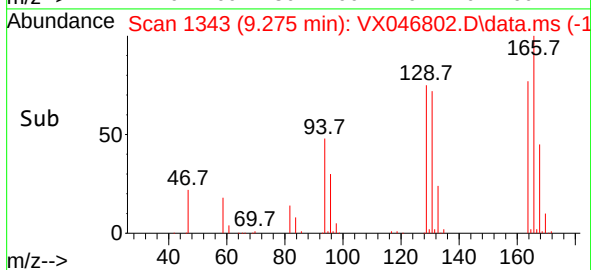
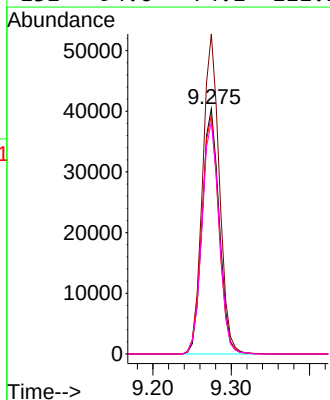
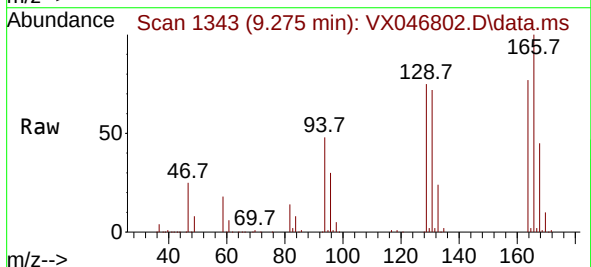
Manual Integrations
APPROVED

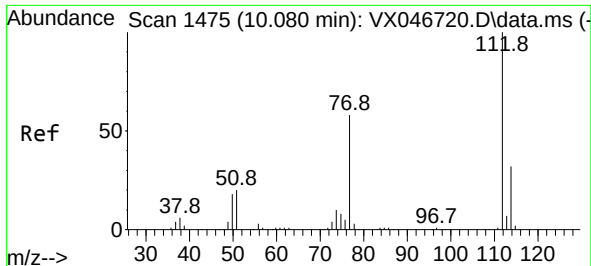
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#64
Tetrachloroethene
Concen: 45.830 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

Tgt Ion:164 Resp: 60836
Ion Ratio Lower Upper
164 100
166 130.6 104.6 157.0
129 97.3 76.3 114.5
131 94.6 74.1 111.1





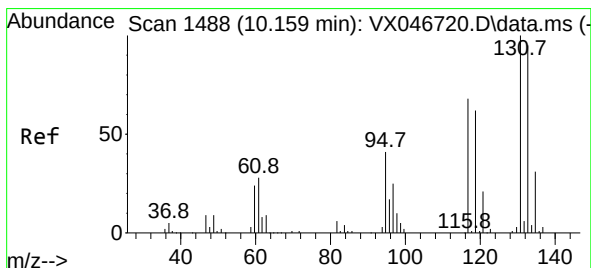
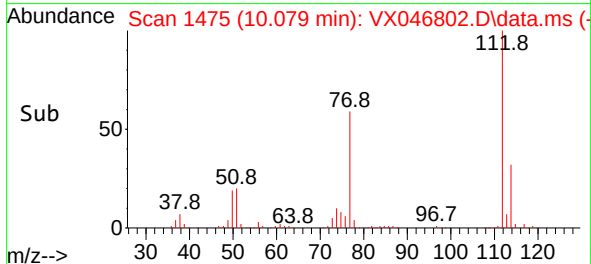
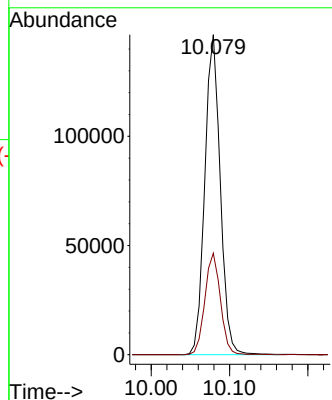
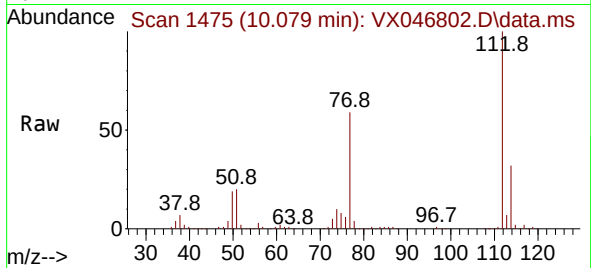
#65
Chlorobenzene
Concen: 47.378 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 200384
Ion Ratio Lower Upper
112 100
114 31.7 25.5 38.3

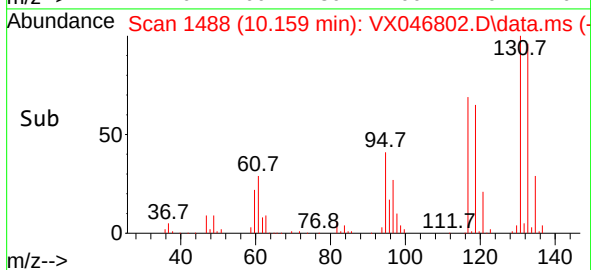
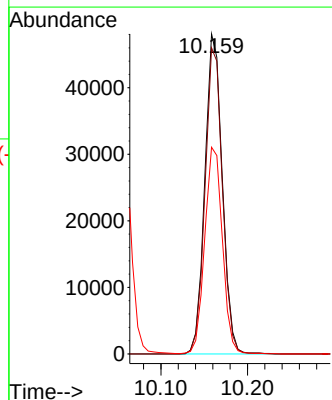
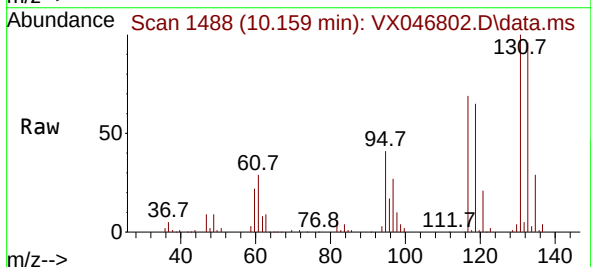
Manual Integrations
APPROVED

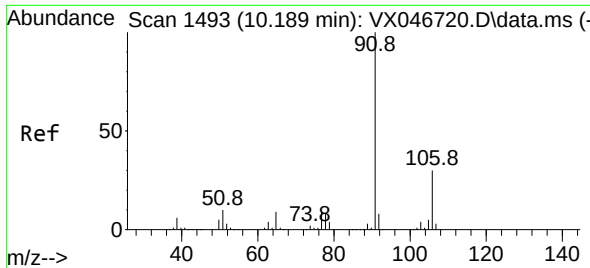
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 47.257 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

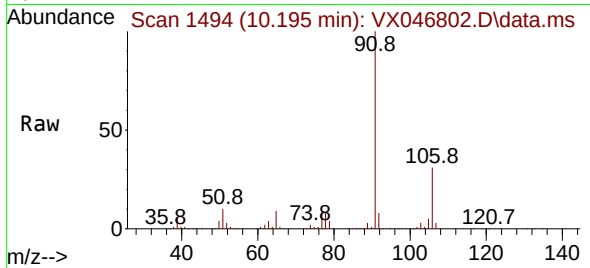
Tgt Ion:131 Resp: 67174
Ion Ratio Lower Upper
131 100
133 95.4 47.3 141.8
119 65.7 32.1 96.3





#67
Ethyl Benzene
Concen: 47.280 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

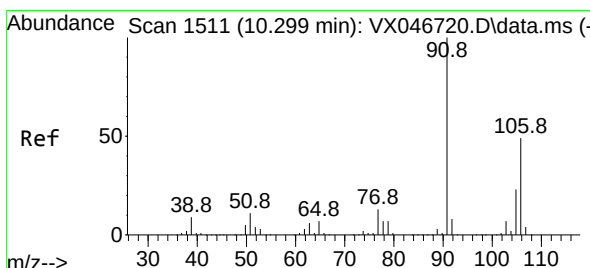
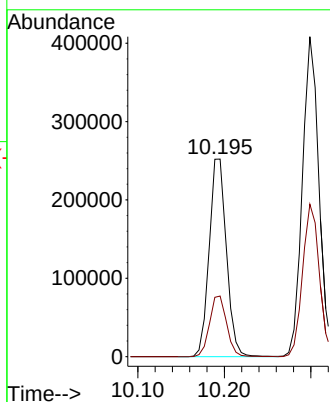
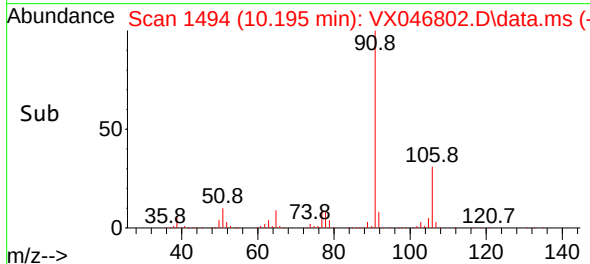
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



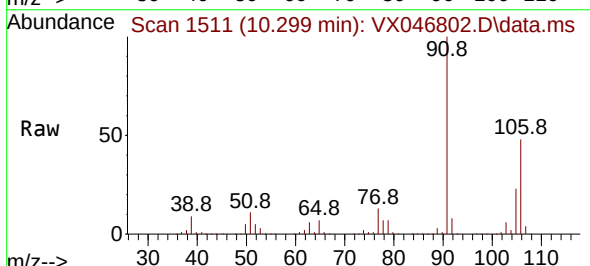
Tgt Ion: 91 Resp: 349390
Ion Ratio Lower Upper
91 100
106 30.7 24.2 36.2

Manual Integrations
APPROVED

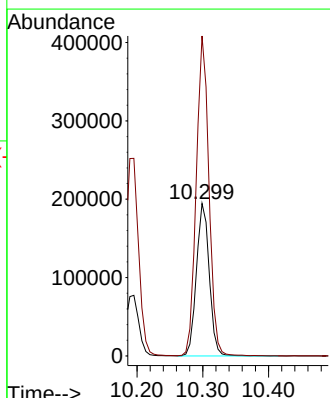
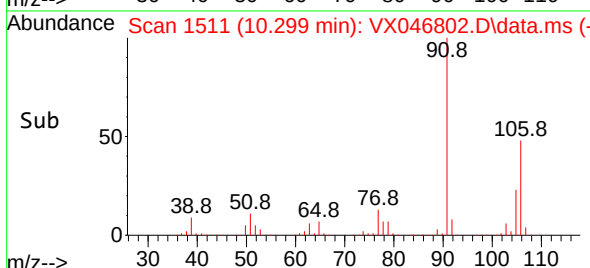
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

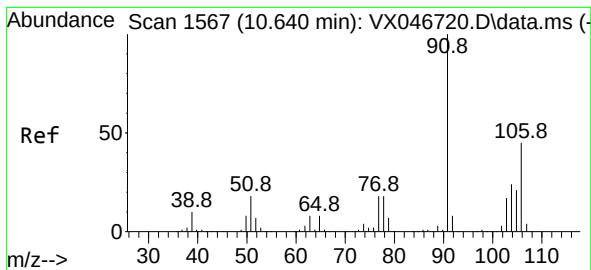


#68
m/p-Xylenes
Concen: 95.608 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08



Tgt Ion:106 Resp: 263264
Ion Ratio Lower Upper
106 100
91 206.9 164.8 247.2





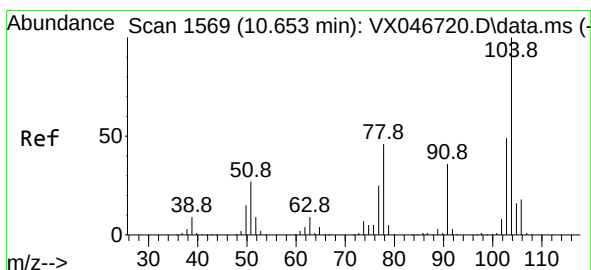
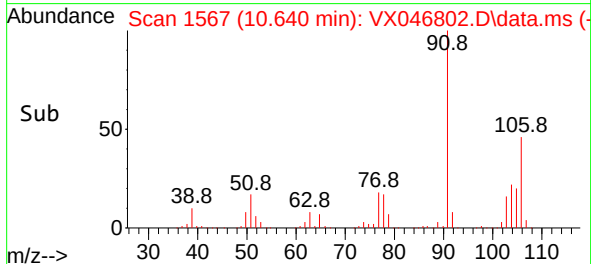
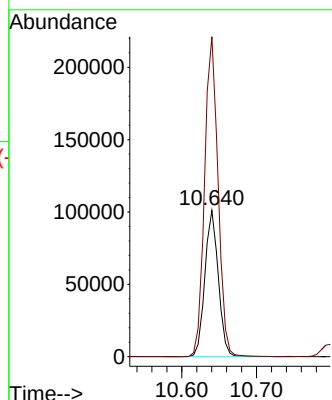
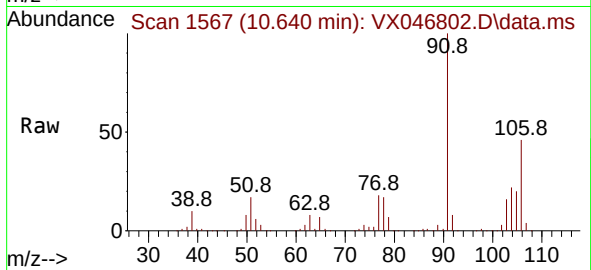
#69
o-Xylene
Concen: 48.901 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 126192
Ion Ratio Lower Upper
106 100
91 219.5 111.3 333.9

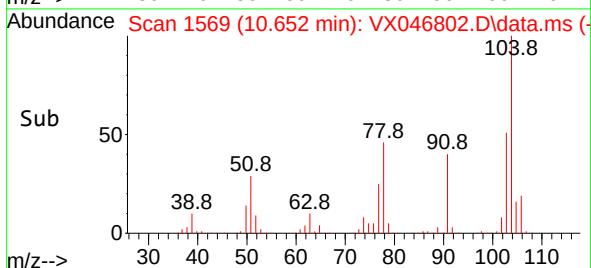
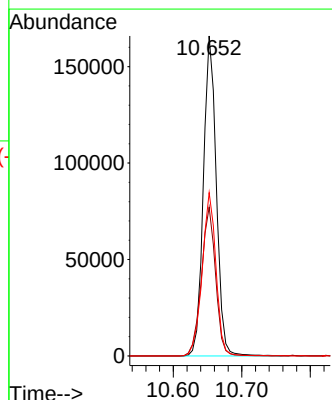
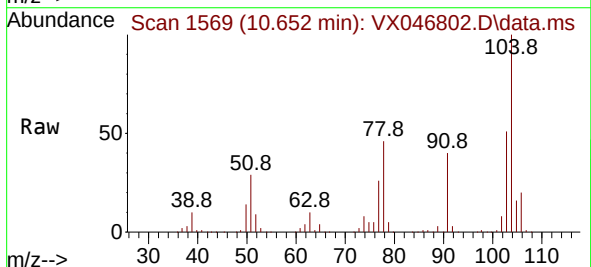
Manual Integrations
APPROVED

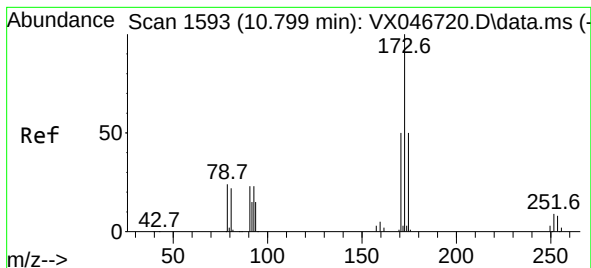
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#70
Styrene
Concen: 48.345 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

Tgt Ion:104 Resp: 218327
Ion Ratio Lower Upper
104 100
78 51.2 41.4 62.2
103 54.6 43.1 64.7





#71

Bromoform

Concen: 44.377 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX046802.D

Acq: 20 Jun 2025 22:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

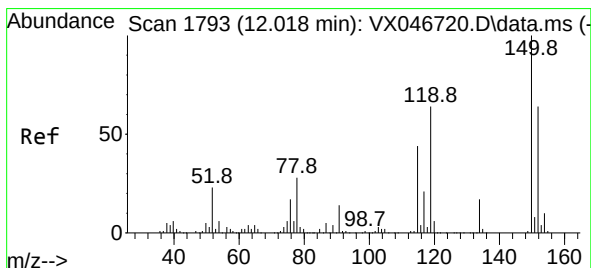
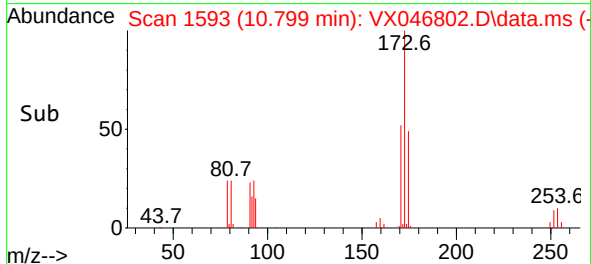
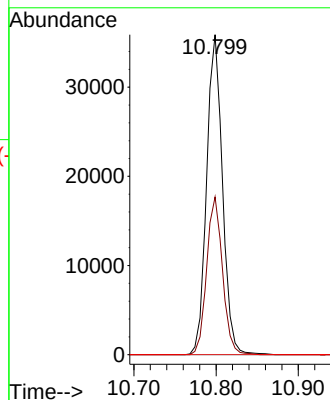
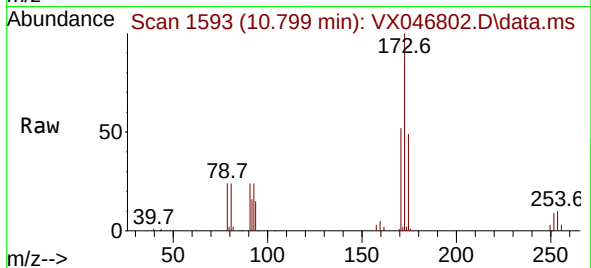
Tgt Ion:173 Resp: 48039
 Ion Ratio Lower Upper
 173 100
 175 49.2 24.1 72.4
 254 0.0 0.1 0.1

Manual Integrations

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Reviewed By :John Carlone 06/23/2025

Supervised By :Mahesh Dadoda 06/23/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

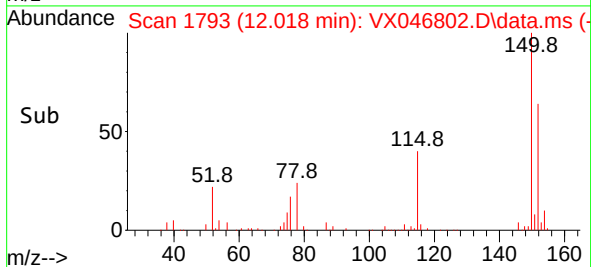
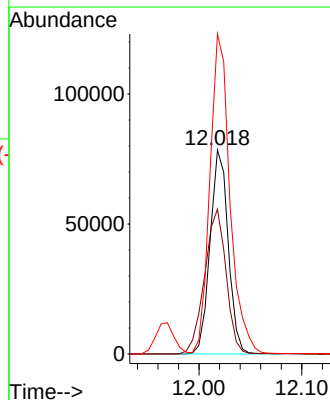
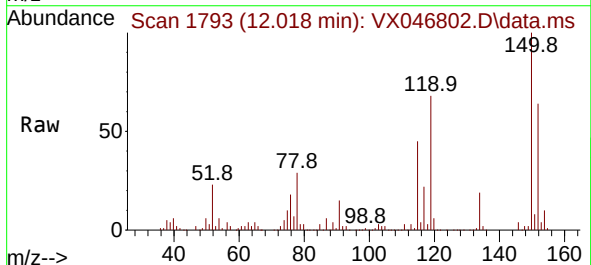
RT: 12.018 min Scan# 1793

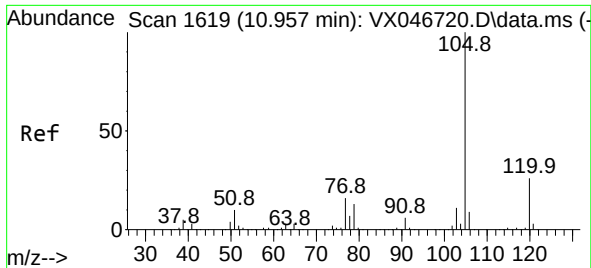
Delta R.T. -0.000 min

Lab File: VX046802.D

Acq: 20 Jun 2025 22:08

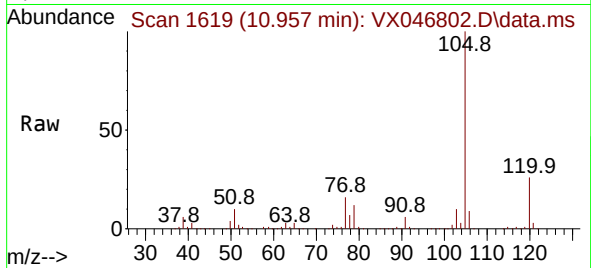
Tgt Ion:152 Resp: 96037
 Ion Ratio Lower Upper
 152 100
 115 84.2 43.2 129.6
 150 173.0 0.0 346.8





#73
Isopropylbenzene
Concen: 47.673 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

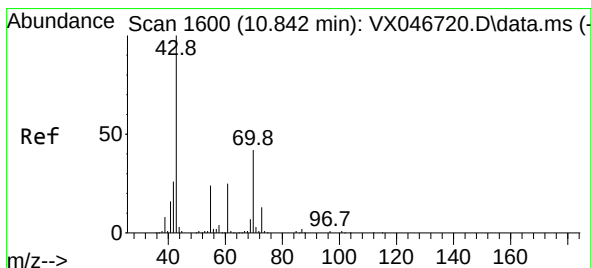
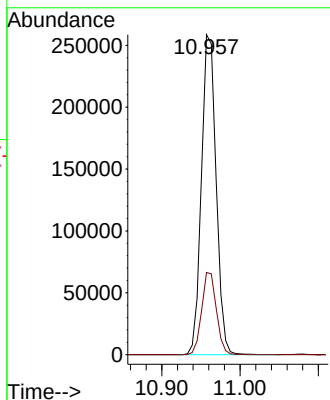
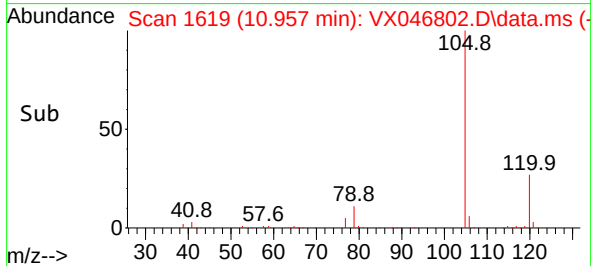
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



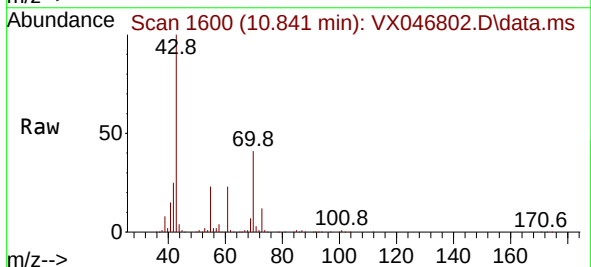
Tgt Ion:105 Resp: 337194
Ion Ratio Lower Upper
105 100
120 25.7 13.0 39.0

Manual Integrations
APPROVED

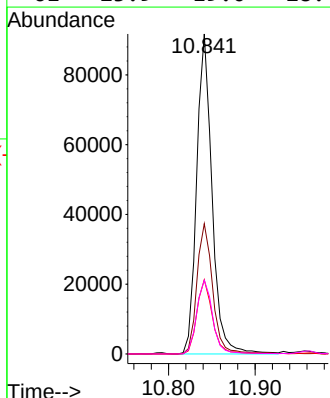
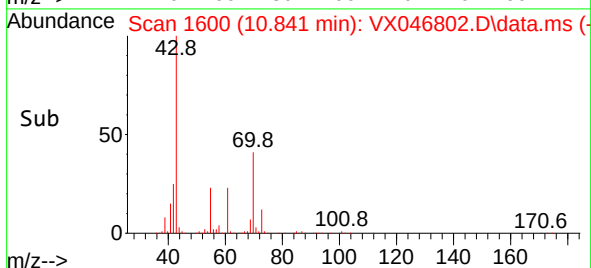
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

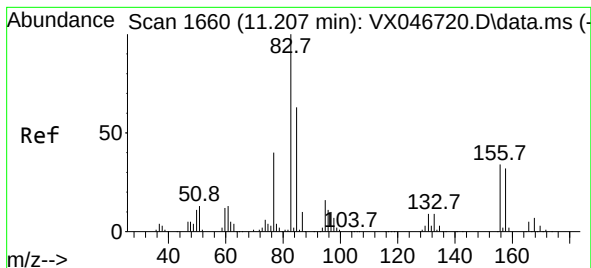


#74
N-ethyl acetate
Concen: 42.262 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08



Tgt Ion: 43 Resp: 113256
Ion Ratio Lower Upper
43 100
70 41.9 33.4 50.0
55 23.5 19.1 28.7
61 23.9 19.0 28.4





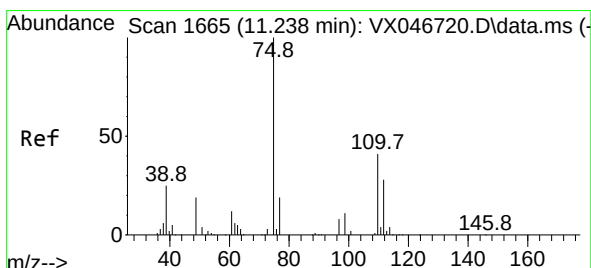
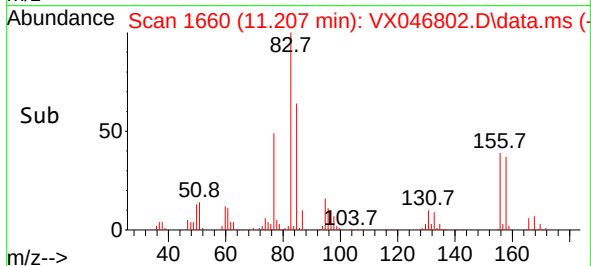
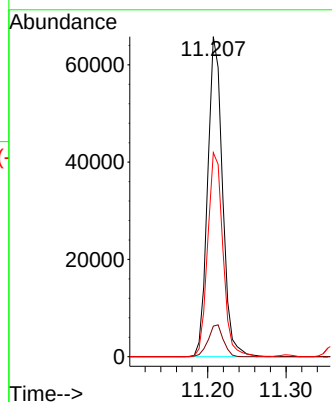
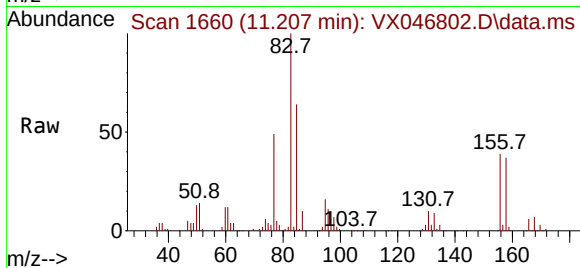
#75
 1,1,2,2-Tetrachloroethane
 Concen: 43.770 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. -0.000 min
 Lab File: VX046802.D
 Acq: 20 Jun 2025 22:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 83 Resp: 8644
 Ion Ratio Lower Upper
 83 100
 131 10.2 4.9 14.6
 85 65.3 32.0 96.0

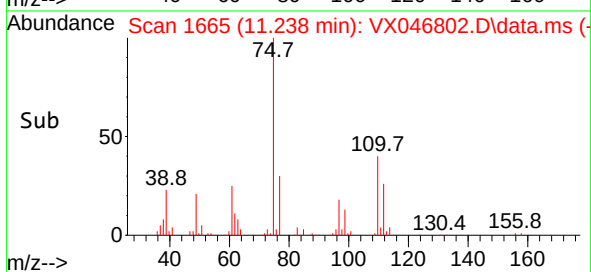
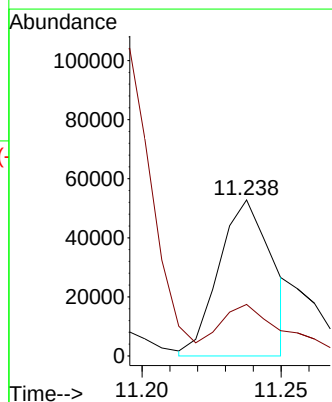
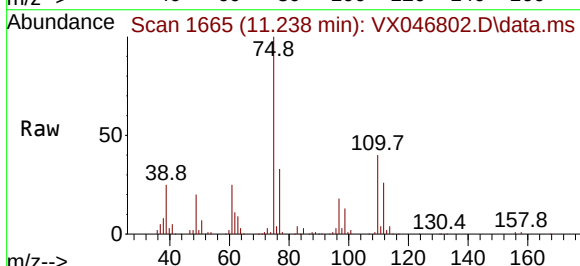
Manual Integrations
 APPROVED

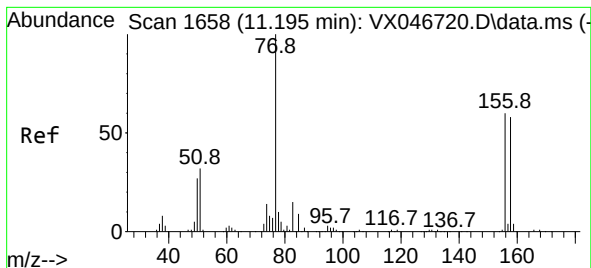
Reviewed By :John Carlone 06/23/2025
 Supervised By :Mahesh Dadoda 06/23/2025



#76
 1,2,3-Trichloropropane
 Concen: 39.847 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX046802.D
 Acq: 20 Jun 2025 22:08

Tgt Ion: 75 Resp: 70089
 Ion Ratio Lower Upper
 75 100
 77 41.2 18.5 55.5





#77

Bromobenzene

Concen: 47.024 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX046802.D

Acq: 20 Jun 2025 22:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 80038

Ion Ratio Lower Upper

156 100

77 169.6 82.8 248.6

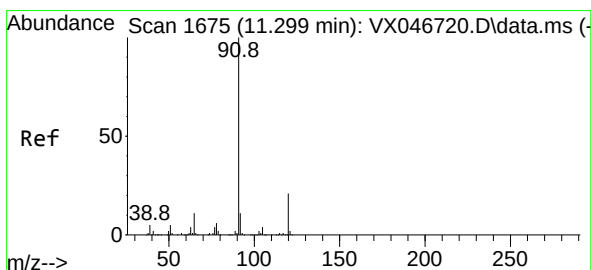
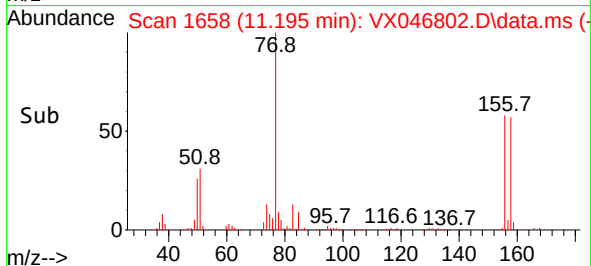
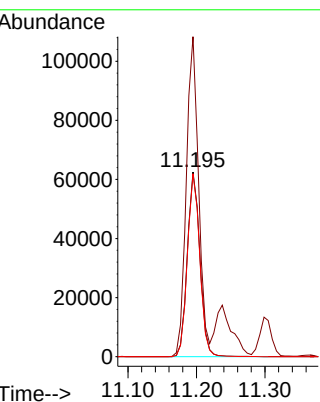
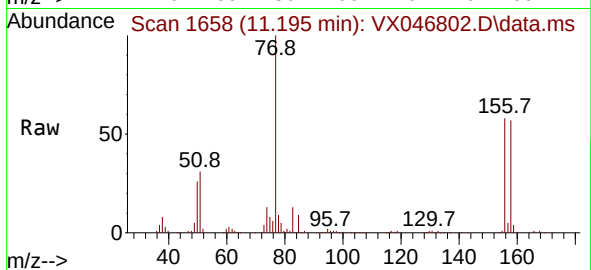
158 97.7 47.6 142.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2025

Supervised By :Mahesh Dadoda 06/23/2025



#78

n-propylbenzene

Concen: 47.639 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VX046802.D

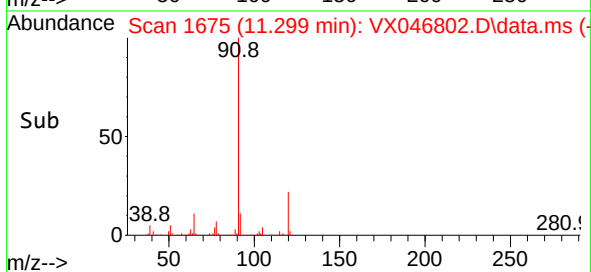
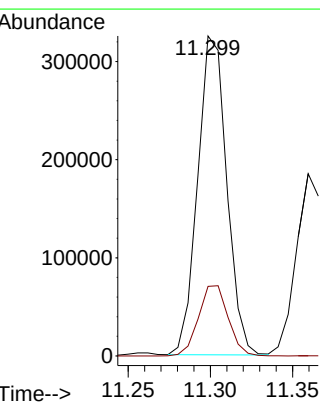
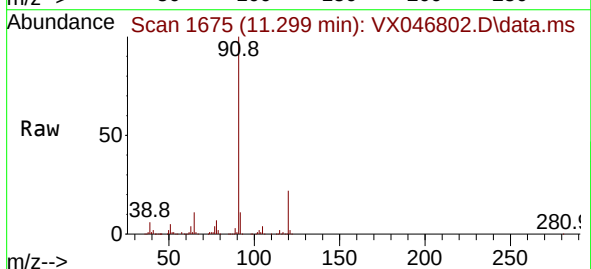
Acq: 20 Jun 2025 22:08

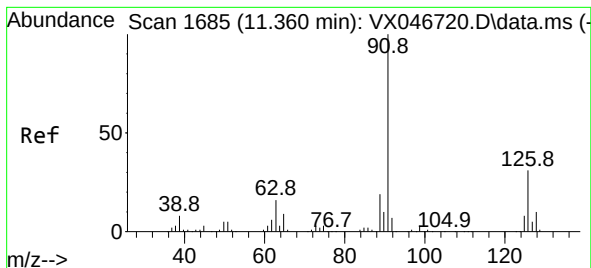
Tgt Ion: 91 Resp: 400226

Ion Ratio Lower Upper

91 100

120 22.6 11.4 34.1





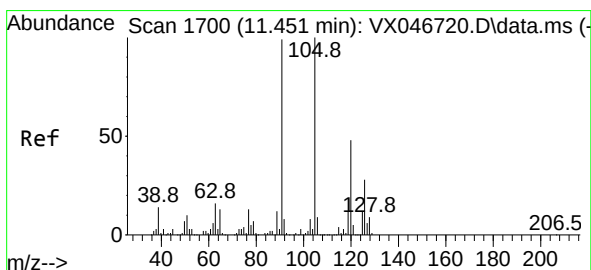
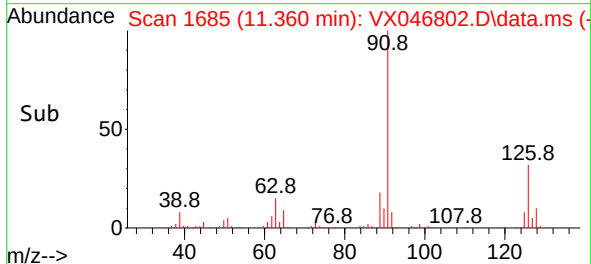
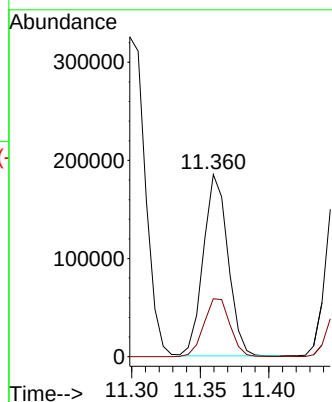
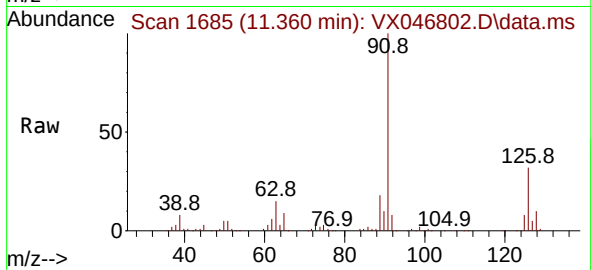
#79
2-Chlorotoluene
Concen: 46.165 ug/l
RT: 11.360 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 231562
Ion Ratio Lower Upper
91 100
126 33.9 16.6 49.7

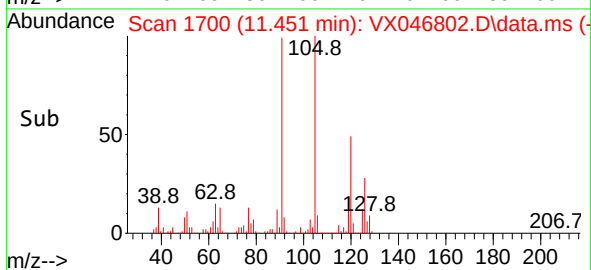
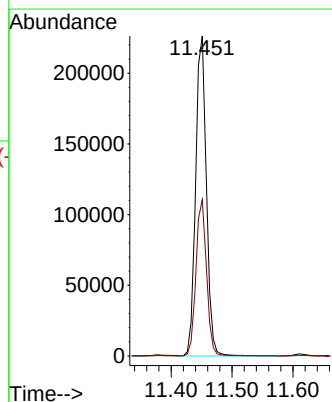
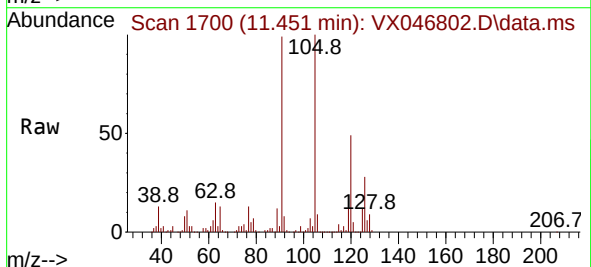
Manual Integrations
APPROVED

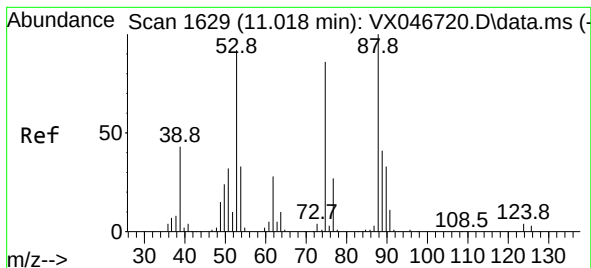
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#80
1,3,5-Trimethylbenzene
Concen: 47.565 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

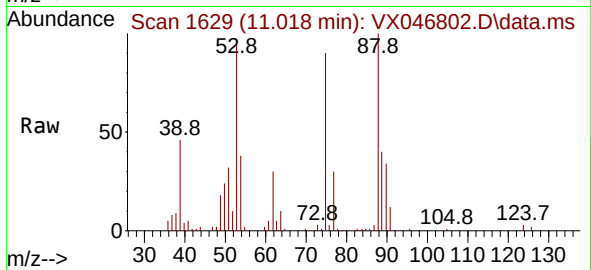
Tgt Ion:105 Resp: 276467
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 38.527 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

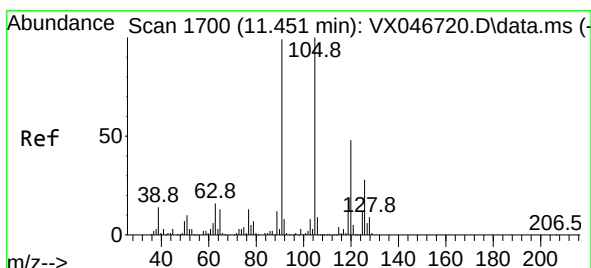
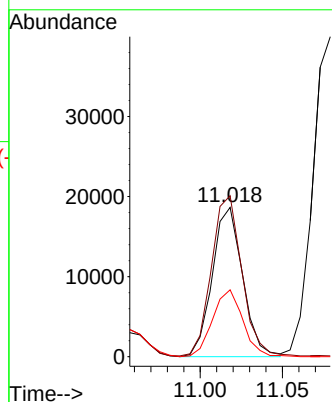
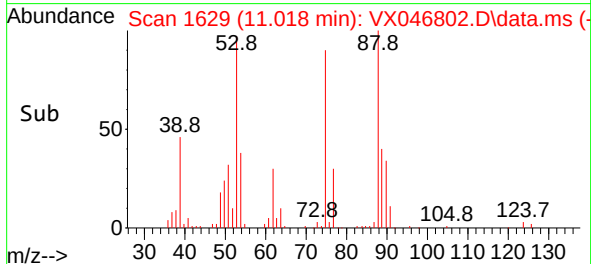
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



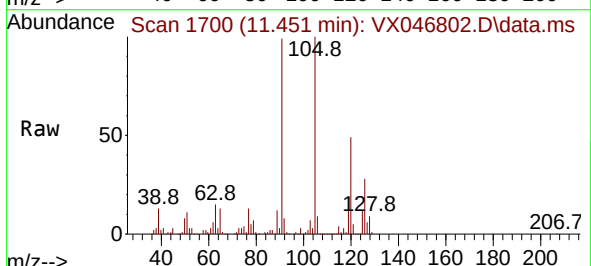
Tgt Ion: 75 Resp: 23979
Ion Ratio Lower Upper
75 100
53 107.0 86.8 130.2
89 44.6 36.9 55.3

Manual Integrations
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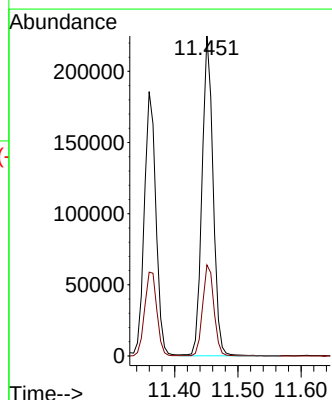
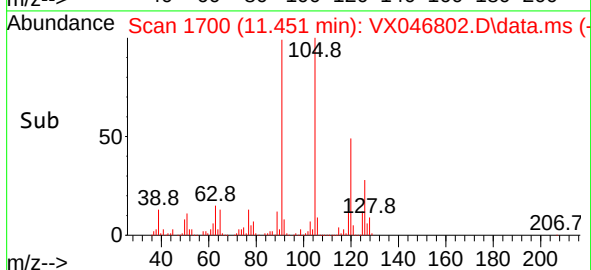
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

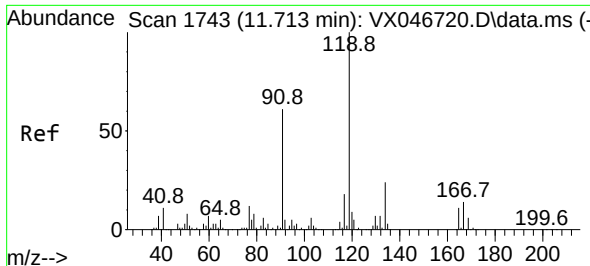


#82
4-Chlorotoluene
Concen: 46.716 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08



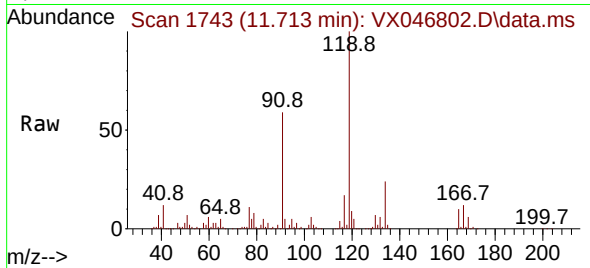
Tgt Ion: 91 Resp: 273472
Ion Ratio Lower Upper
91 100
126 28.9 14.4 43.2





#83
tert-Butylbenzene
Concen: 47.033 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

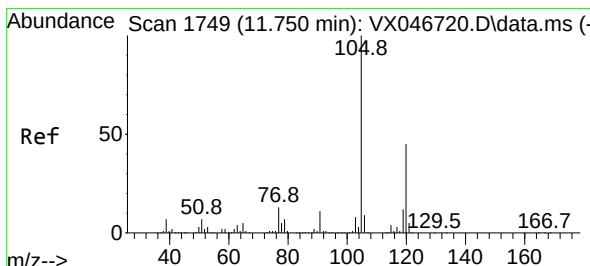
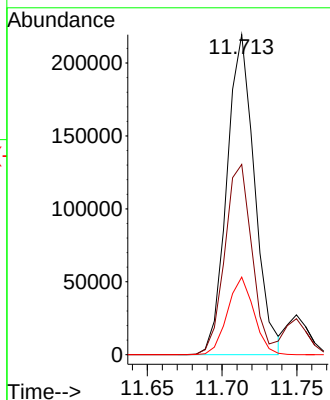
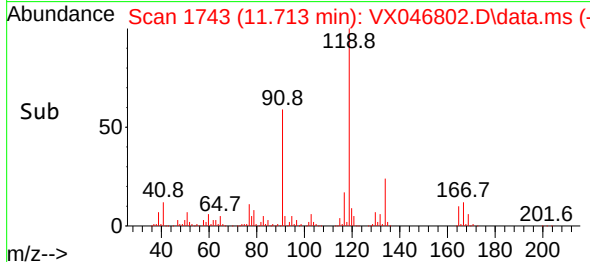
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



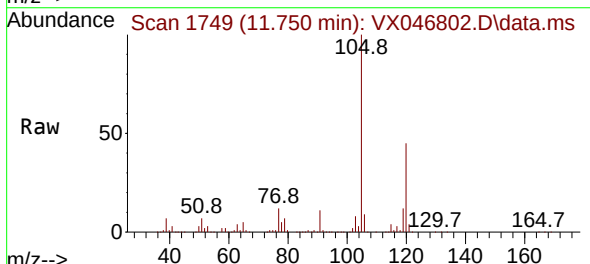
Tgt Ion:119 Resp: 282580
Ion Ratio Lower Upper
119 100
91 58.0 29.5 88.6
134 23.0 11.7 35.0

Manual Integrations
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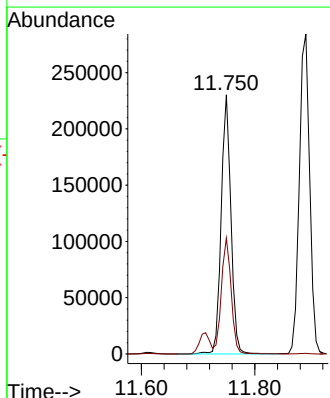
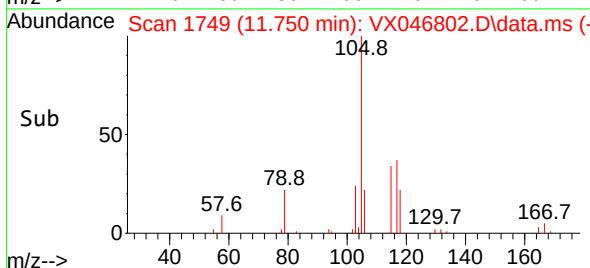
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

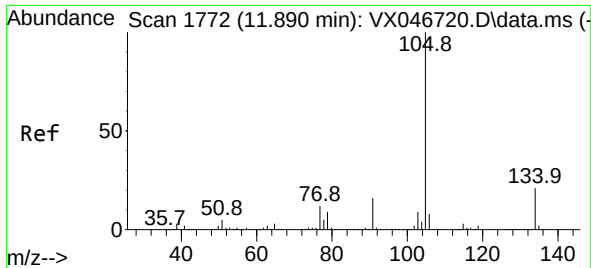


#84
1,2,4-Trimethylbenzene
Concen: 47.073 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08



Tgt Ion:105 Resp: 274895
Ion Ratio Lower Upper
105 100
120 45.0 22.1 66.3





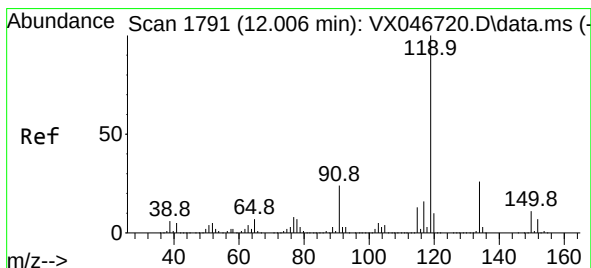
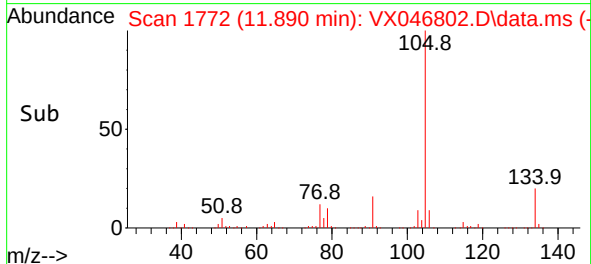
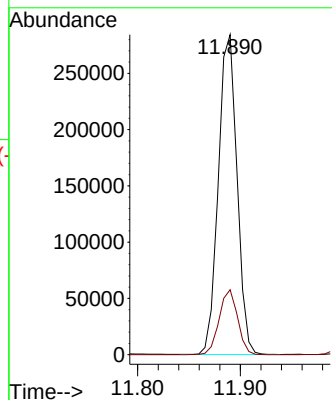
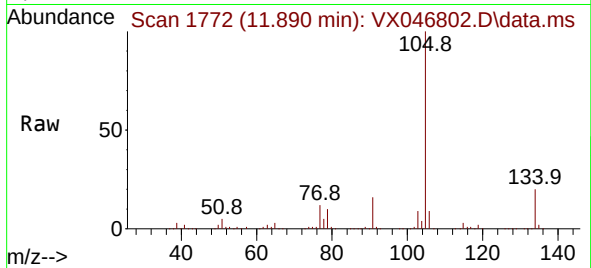
#85
 sec-Butylbenzene
 Concen: 47.150 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX046802.D
 Acq: 20 Jun 2025 22:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 358024
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.4

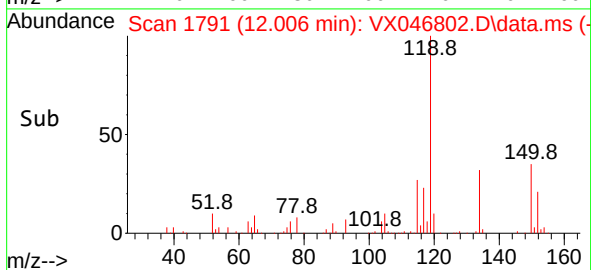
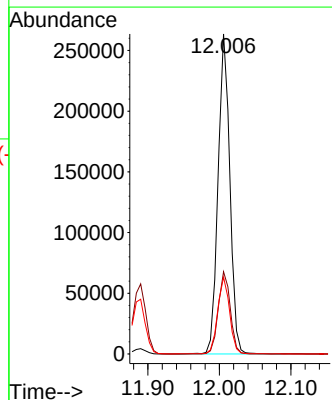
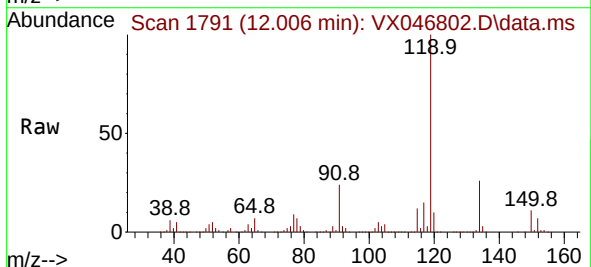
Manual Integrations
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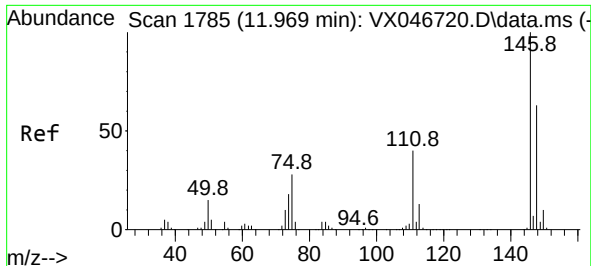
Reviewed By :John Carlone 06/23/2025
 Supervised By :Mahesh Dadoda 06/23/2025



#86
 p-Isopropyltoluene
 Concen: 46.911 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046802.D
 Acq: 20 Jun 2025 22:08

Tgt Ion:119 Resp: 300549
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.7
 91 24.2 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 45.052 ug/l

RT: 11.963 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VX046802.D

Acq: 20 Jun 2025 22:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 14951

Ion Ratio Lower Upper

146 100

111 42.0 20.6 61.8

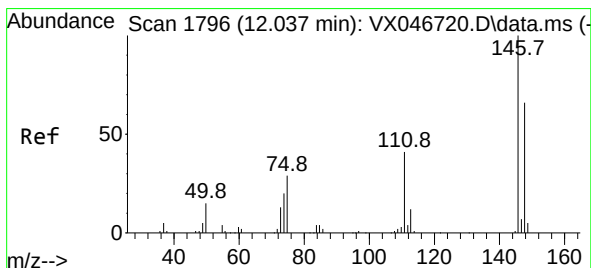
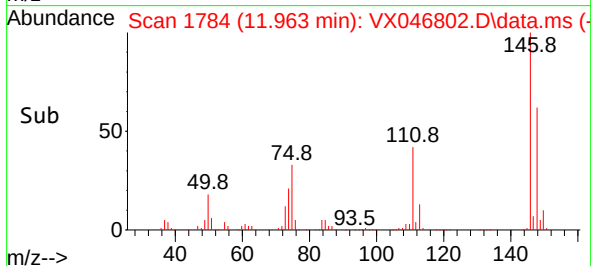
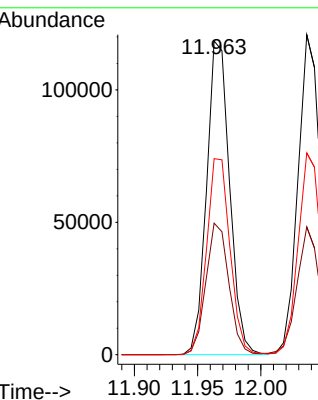
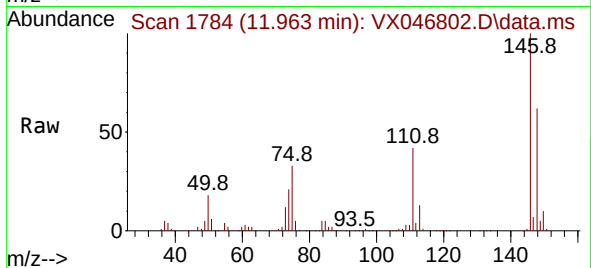
148 63.6 31.6 94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2025

Supervised By :Mahesh Dadoda 06/23/2025



#88

1,4-Dichlorobenzene

Concen: 44.440 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX046802.D

Acq: 20 Jun 2025 22:08

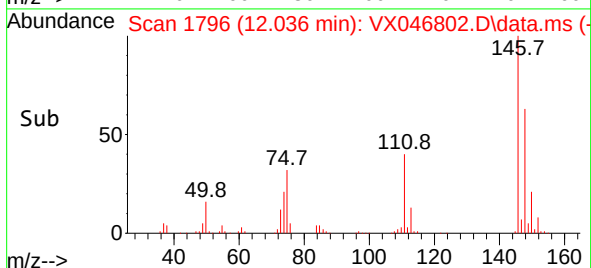
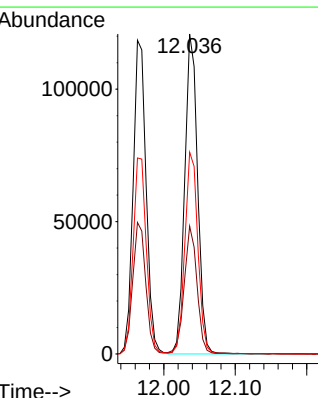
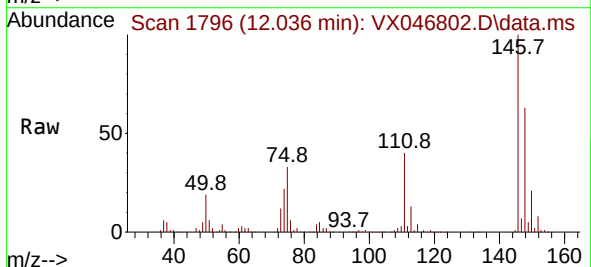
Tgt Ion:146 Resp: 151487

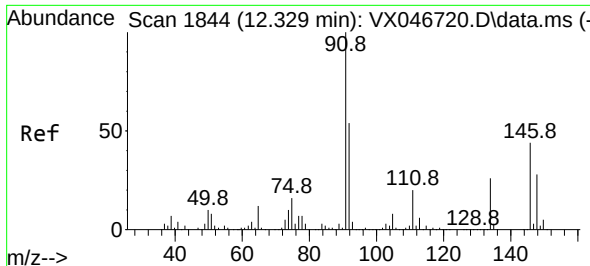
Ion Ratio Lower Upper

146 100

111 39.6 20.3 61.0

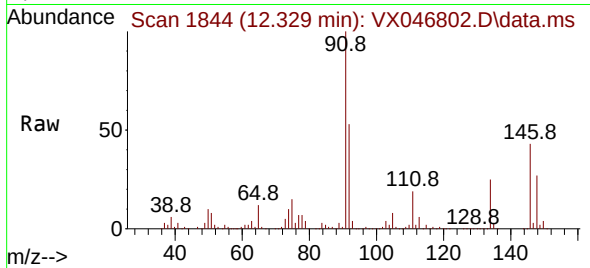
148 63.5 32.1 96.5





#89
n-Butylbenzene
Concen: 46.558 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

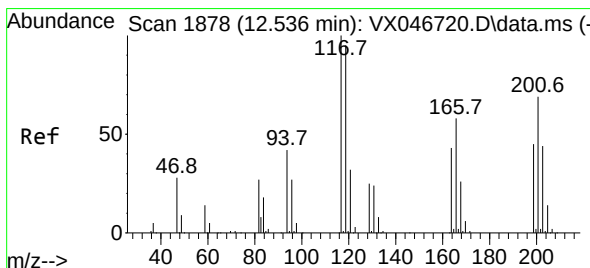
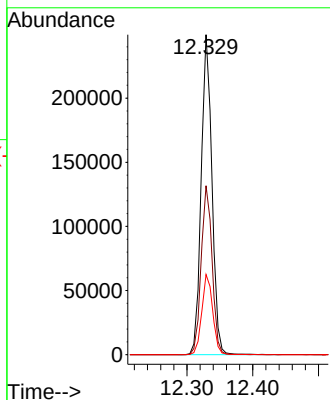
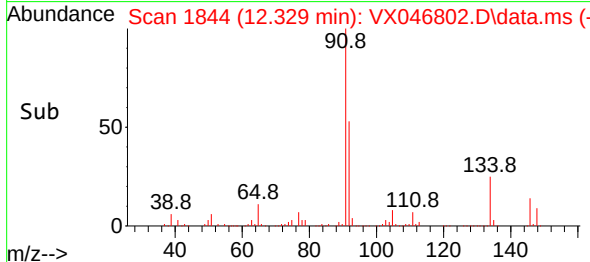
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 283210
Ion Ratio Lower Upper
91 100
92 53.7 27.1 81.3
134 25.5 12.9 38.6

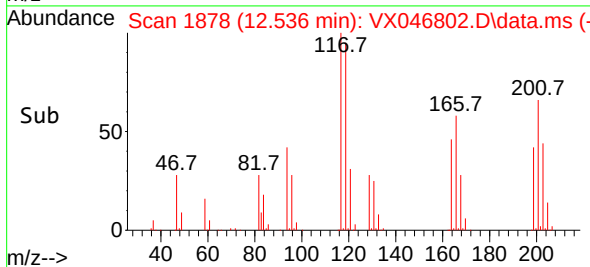
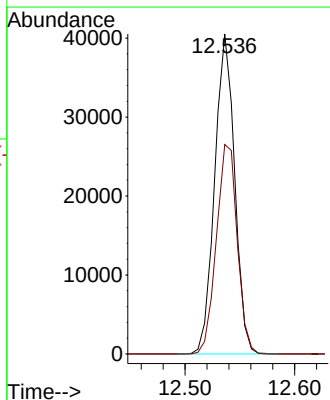
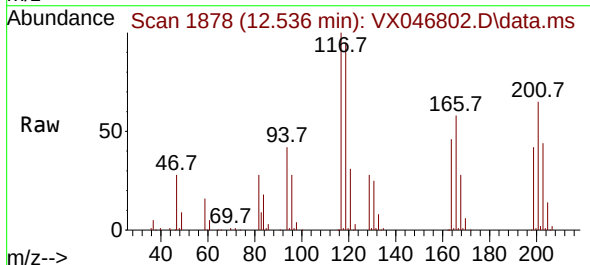
Manual Integrations
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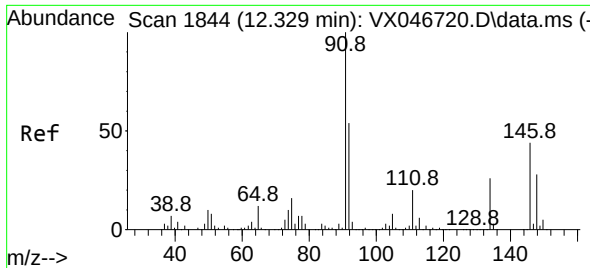
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#90
Hexachloroethane
Concen: 45.661 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

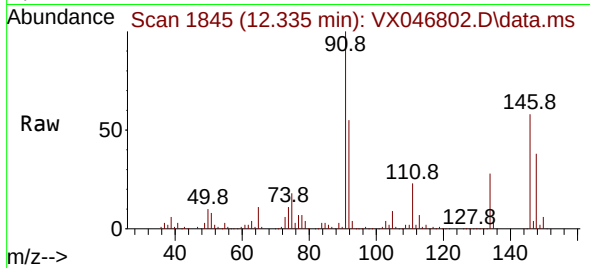
Tgt Ion:117 Resp: 51227
Ion Ratio Lower Upper
117 100
201 68.6 34.4 103.3





#91
1,2-Dichlorobenzene
Concen: 46.257 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

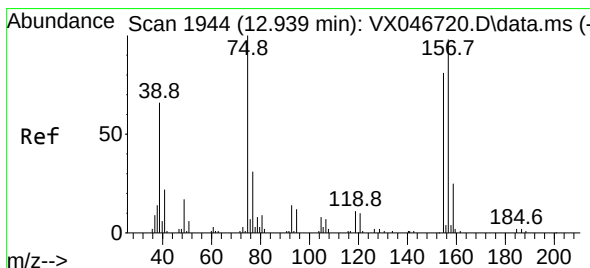
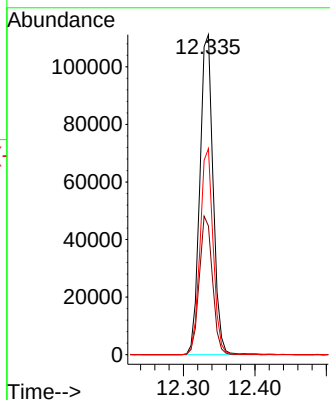
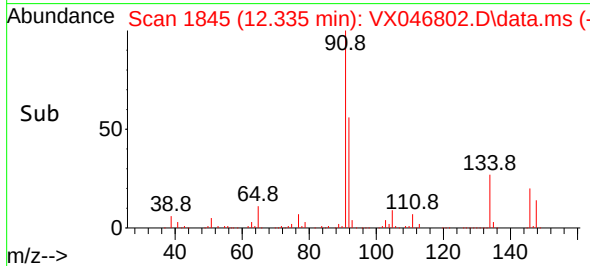
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 143460
Ion Ratio Lower Upper
146 100
111 43.0 21.7 65.1
148 63.4 32.0 96.2

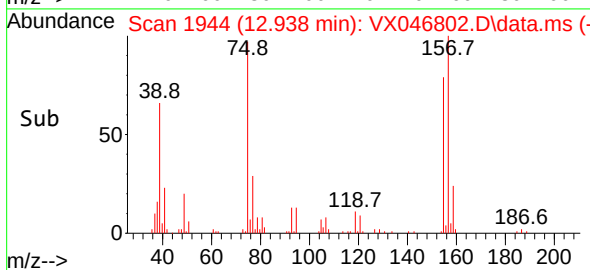
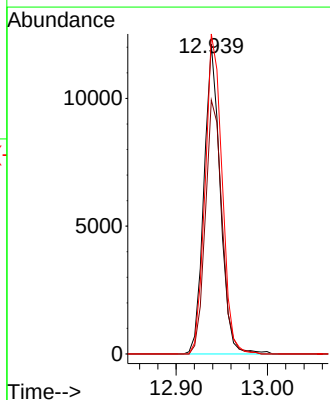
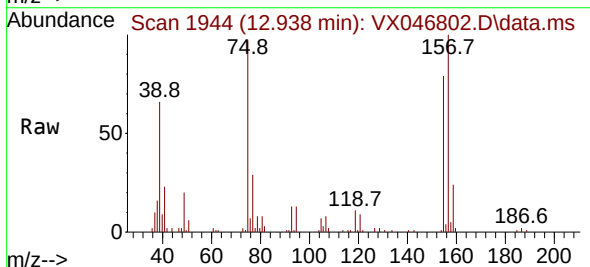
Manual Integrations
APPROVED

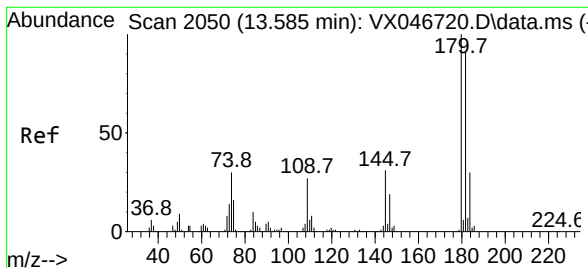
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 38.499 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

Tgt Ion: 75 Resp: 15011
Ion Ratio Lower Upper
75 100
155 84.3 41.9 125.7
157 107.0 51.4 154.3





#93

1,2,4-Trichlorobenzene

Concen: 44.938 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX046802.D

Acq: 20 Jun 2025 22:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

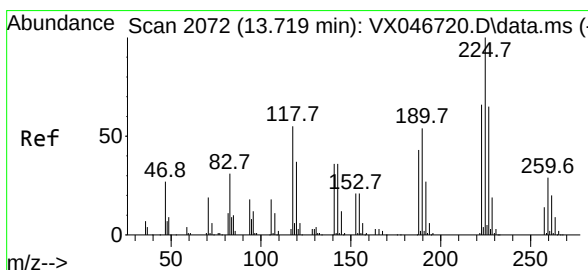
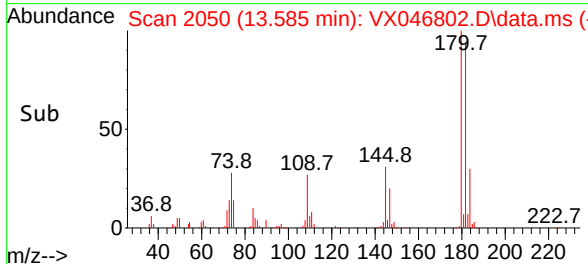
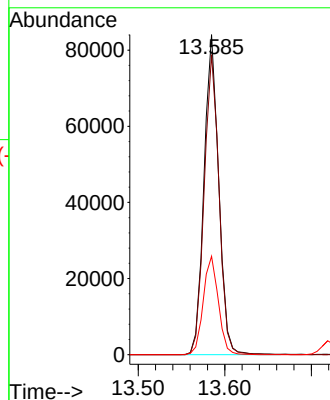
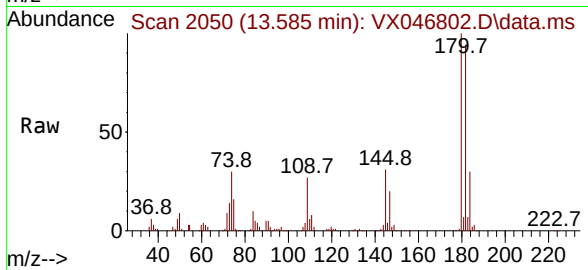
Tgt Ion:180	Resp:	9908
Ion Ratio	Lower	Upper
180	100	
182	94.7	46.7 140.1
145	31.5	15.8 47.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2025

Supervised By :Mahesh Dadoda 06/23/2025



#94

Hexachlorobutadiene

Concen: 45.133 ug/l

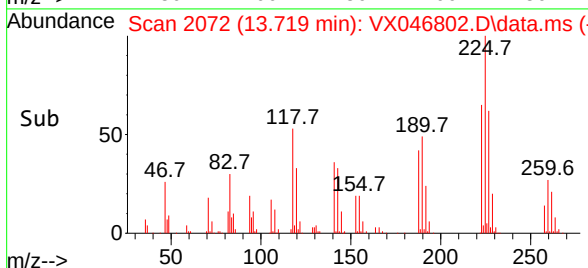
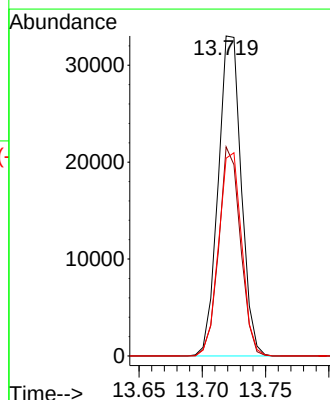
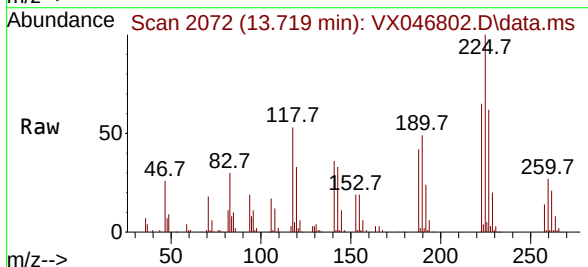
RT: 13.719 min Scan# 2072

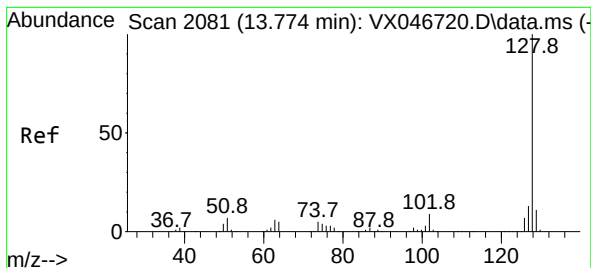
Delta R.T. -0.000 min

Lab File: VX046802.D

Acq: 20 Jun 2025 22:08

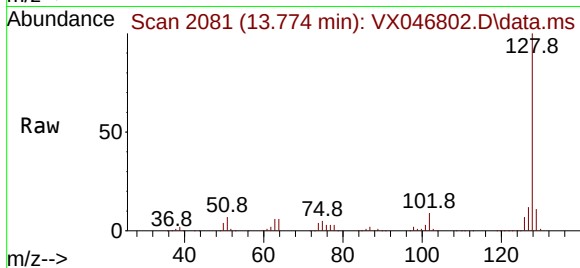
Tgt Ion:225	Resp:	41861
Ion Ratio	Lower	Upper
225	100	
223	61.4	32.5 97.5
227	63.4	32.2 96.6





#95
Naphthalene
Concen: 43.264 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

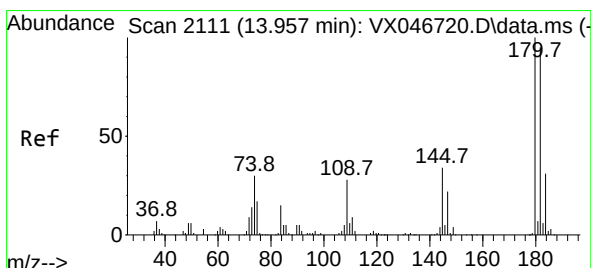
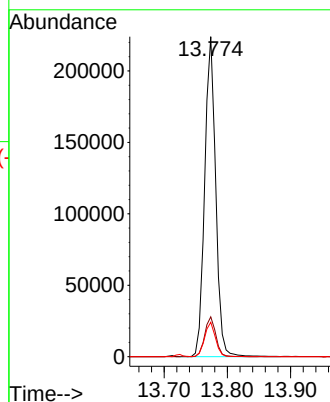
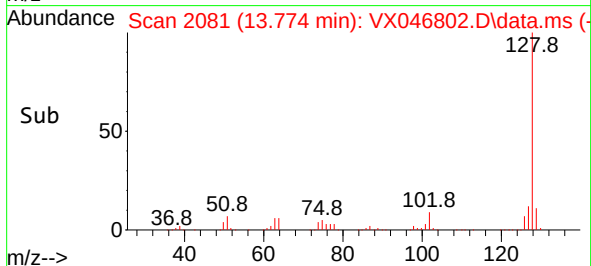
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 271772
Ion Ratio Lower Upper
128 100
127 12.5 10.1 15.1
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#96
1,2,3-Trichlorobenzene
Concen: 45.533 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046802.D
Acq: 20 Jun 2025 22:08

Tgt Ion:180 Resp: 96046
Ion Ratio Lower Upper
180 100
182 94.0 47.8 143.4
145 33.7 17.3 51.9

