

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
 Data File : VX047081.D
 Acq On : 23 Jul 2025 11:41
 Operator : JC/MD
 Sample : VX0723MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/24/2025
 Supervised By : Mahesh Dadoda 07/24/2025

Quant Time: Jul 24 05:45:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	294327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	508004	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	465640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	233272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	174273	47.533	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.060%		
35) Dibromofluoromethane	5.391	113	146181	46.605	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.220%		
50) Toluene-d8	8.647	98	442989	43.611	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	87.220%#		
62) 4-Bromofluorobenzene	11.079	95	202162	46.183	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.360%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	70577	18.053	ug/l	98
3) Chloromethane	1.307	50	69781	18.045	ug/l	99
4) Vinyl Chloride	1.386	62	73160	17.599	ug/l	98
5) Bromomethane	1.624	94	51435	22.778	ug/l	95
6) Chloroethane	1.703	64	45141	16.534	ug/l	97
7) Trichlorofluoromethane	1.904	101	108573	17.516	ug/l	100
8) Diethyl Ether	2.148	74	41003	18.761	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.343	101	63283	16.945	ug/l	99
10) Methyl Iodide	2.465	142	60715	15.952	ug/l	98
11) Tert butyl alcohol	2.953	59	35430	75.485	ug/l	99
12) 1,1-Dichloroethene	2.337	96	63605	17.196	ug/l	96
13) Acrolein	2.245	56	96810	122.631	ug/l	100
14) Allyl chloride	2.678	41	116967	17.494	ug/l	98
15) Acrylonitrile	3.068	53	163263	93.368	ug/l	99
16) Acetone	2.386	43	125831	85.671	ug/l	97
17) Carbon Disulfide	2.526	76	182400	17.046	ug/l	99
18) Methyl Acetate	2.715	43	71928	18.428	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	206307	18.327	ug/l	98
20) Methylene Chloride	2.800	84	72805	18.018	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	66810	17.651	ug/l	96
22) Diisopropyl ether	3.769	45	244390	19.012	ug/l	89
23) Vinyl Acetate	3.727	43	966483	93.738	ug/l	100
24) 1,1-Dichloroethane	3.623	63	128133	17.925	ug/l	99
25) 2-Butanone	4.556	43	191483	89.535	ug/l	100
26) 2,2-Dichloropropane	4.483	77	92640	16.742	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	79787	17.801	ug/l	99
28) Bromochloromethane	4.910	49	65497	19.916	ug/l	98
29) Tetrahydrofuran	5.007	42	125017	90.600	ug/l	100
30) Chloroform	5.099	83	130988	18.002	ug/l	99
31) Cyclohexane	5.483	56	113652	16.582	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	110560	17.493	ug/l	99
36) 1,1-Dichloropropene	5.702	75	91475	17.109	ug/l	98
37) Ethyl Acetate	4.721	43	81767	16.597	ug/l	98
38) Carbon Tetrachloride	5.684	117	96476	16.906	ug/l	94
39) Methylcyclohexane	7.385	83	110482	16.550	ug/l	97
40) Benzene	6.043	78	276933	17.898	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	47944	18.612	ug/l	98
42) 1,2-Dichloroethane	6.092	62	101678	18.655	ug/l	99
43) Isopropyl Acetate	6.342	43	139020	18.100	ug/l	99
44) Trichloroethene	7.129	130	65800	16.584	ug/l	100
45) 1,2-Dichloropropane	7.433	63	68865	17.770	ug/l	94
46) Dibromomethane	7.586	93	50631	18.631	ug/l	99
47) Bromodichloromethane	7.824	83	103592	17.909	ug/l	99
48) Methyl methacrylate	7.696	41	72663	17.367	ug/l	98
49) 1,4-Dioxane	7.659	88	16910	355.340	ug/l #	93
51) 4-Methyl-2-Pentanone	8.574	43	422709	92.594	ug/l	99
52) Toluene	8.720	92	170435	17.914	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	97000	17.758	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	109509	18.317	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	66050	18.512	ug/l	97
56) Ethyl methacrylate	9.116	69	96956	18.355	ug/l	99
57) 1,3-Dichloropropane	9.305	76	113249	18.263	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	272772	92.800	ug/l	99
59) 2-Hexanone	9.427	43	286672	95.046	ug/l	99
60) Dibromochloromethane	9.518	129	77276	18.467	ug/l	100
61) 1,2-Dibromoethane	9.610	107	67620	18.125	ug/l	100
64) Tetrachloroethene	9.275	164	56800	16.921	ug/l	95
65) Chlorobenzene	10.079	112	187732	17.210	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	63753	17.359	ug/l	98
67) Ethyl Benzene	10.195	91	325594	17.071	ug/l	100
68) m/p-Xylenes	10.299	106	245018	34.328	ug/l	97
69) o-Xylene	10.640	106	118088	17.391	ug/l	100
70) Styrene	10.652	104	207809	17.848	ug/l	99
71) Bromoform	10.799	173	48432	17.360	ug/l #	100
73) Isopropylbenzene	10.957	105	313411	17.030	ug/l	99
74) N-amyl acetate	10.841	43	128159	17.259	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	93244	17.737	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	75313m	17.443	ug/l	
77) Bromobenzene	11.195	156	75574	17.121	ug/l	99
78) n-propylbenzene	11.305	91	375062	17.054	ug/l	100
79) 2-Chlorotoluene	11.360	91	223093	16.970	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	262140	17.241	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	26244	15.660	ug/l	91
82) 4-Chlorotoluene	11.451	91	270068	17.600	ug/l	99
83) tert-Butylbenzene	11.713	119	261569	17.140	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	268194	17.685	ug/l	99
85) sec-Butylbenzene	11.890	105	326372	17.117	ug/l	99
86) p-Isopropyltoluene	12.006	119	276404	17.481	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	142941	17.043	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	147267	17.331	ug/l	98
89) n-Butylbenzene	12.329	91	253282	17.081	ug/l	99
90) Hexachloroethane	12.536	117	47727	16.872	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	137719	17.180	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17228	17.073	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	91963	17.364	ug/l	99
94) Hexachlorobutadiene	13.725	225	33832	18.783	ug/l	95
95) Naphthalene	13.774	128	273619	17.623	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	88546	17.354	ug/l	99

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MSVOA_X
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VX0723MBS01

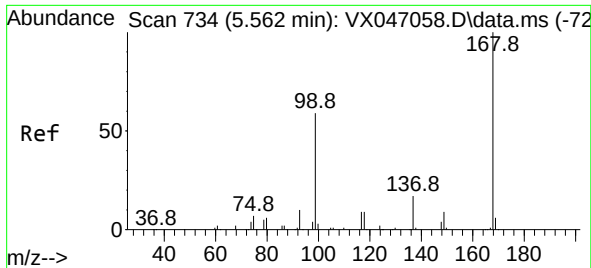
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

Quant Time: Jul 24 05:45:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

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



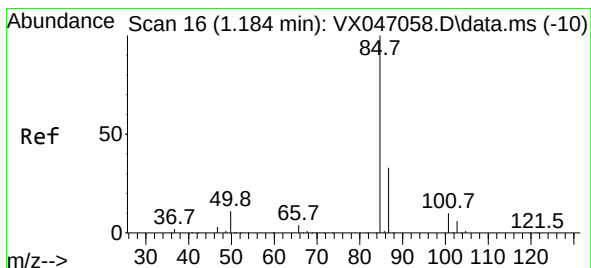
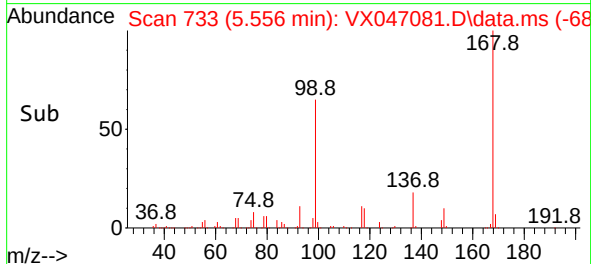
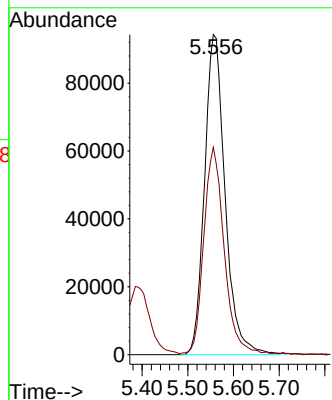
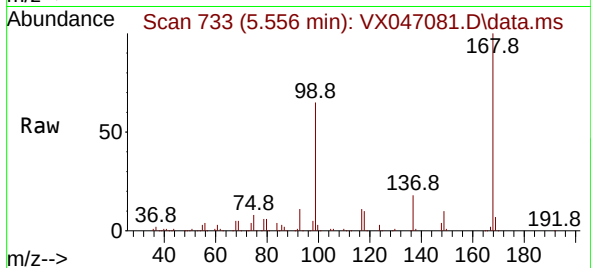
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047081.D
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Instrument :
MSVOA_X
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VX0723MBS01

Tgt Ion:168 Resp: 29432
Ion Ratio Lower Upper
168 100
99 64.5 48.0 72.0

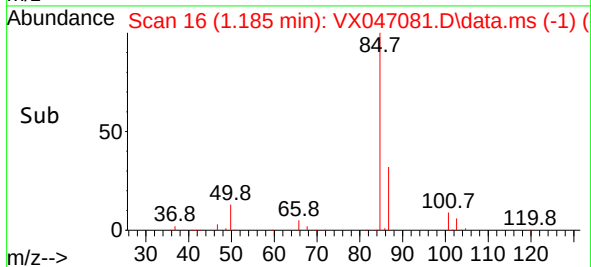
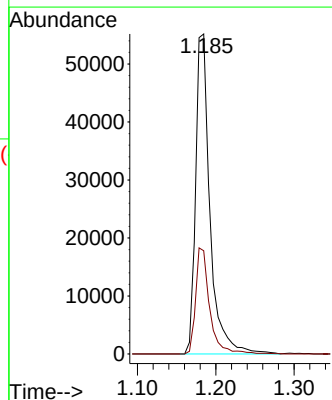
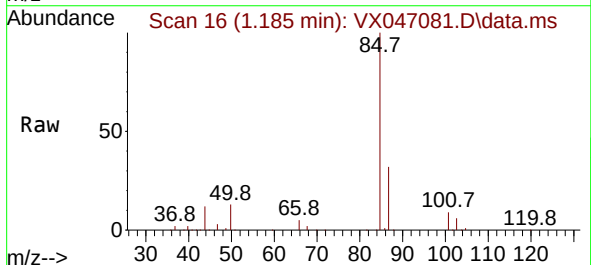
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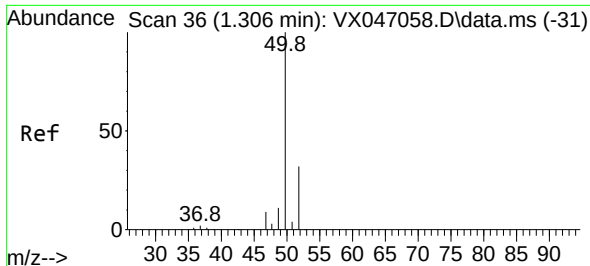
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#2
Dichlorodifluoromethane
Concen: 18.053 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

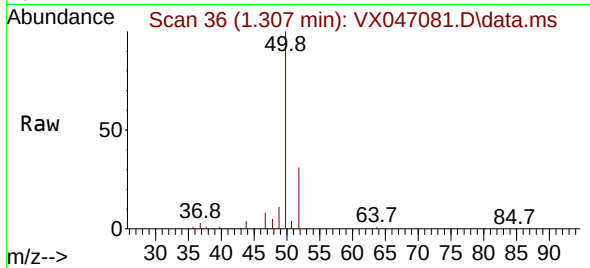
Tgt Ion: 85 Resp: 70577
Ion Ratio Lower Upper
85 100
87 32.3 16.6 49.8





#3
Chloromethane
Concen: 18.045 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

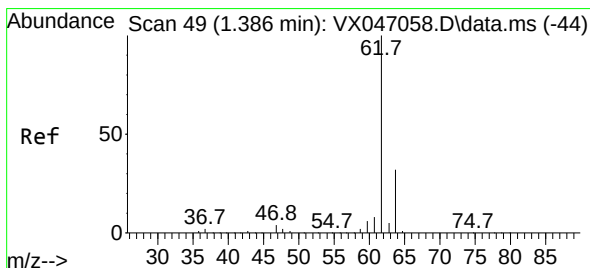
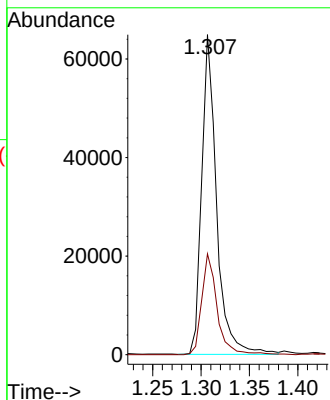
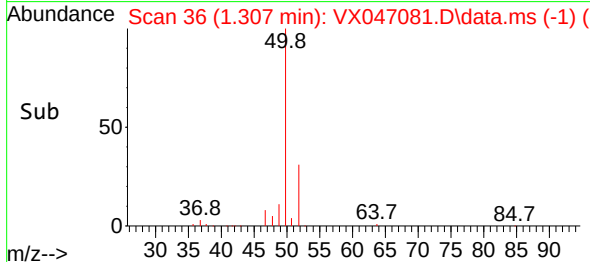
Instrument :
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ClientSampleId :
VX0723MBS01



Tgt Ion: 50 Resp: 6978
Ion Ratio Lower Upper
50 100
52 31.5 25.4 38.2

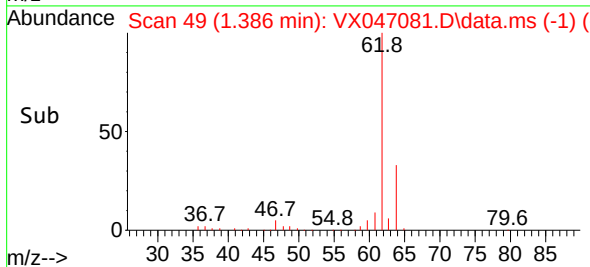
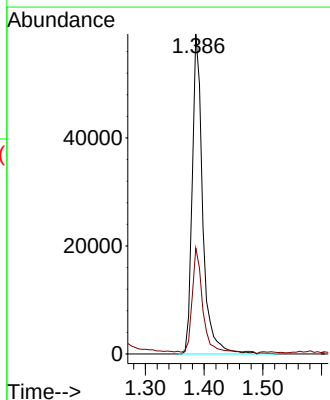
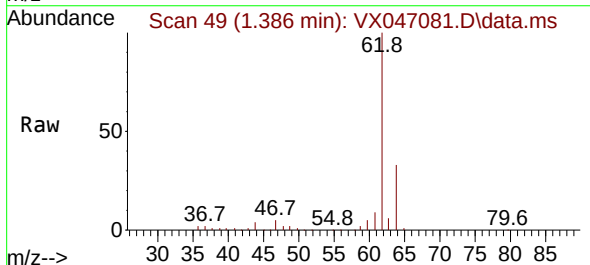
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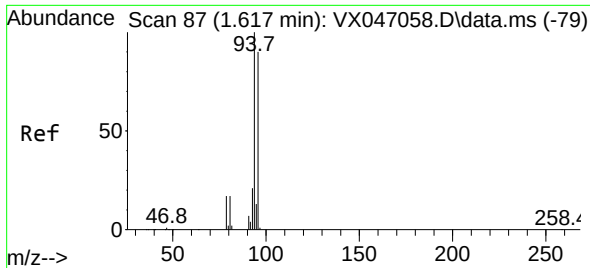
Reviewed By :John Carlone 07/24/2025
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#4
Vinyl Chloride
Concen: 17.599 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

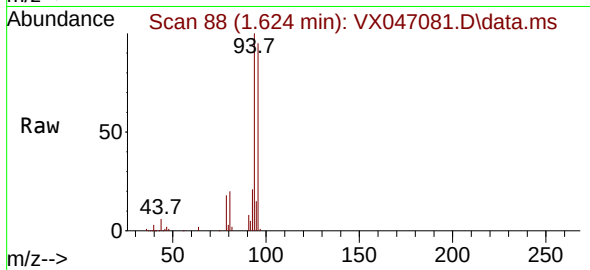
Tgt Ion: 62 Resp: 73160
Ion Ratio Lower Upper
62 100
64 32.7 25.2 37.8





#5
Bromomethane
Concen: 22.778 ug/l
RT: 1.624 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

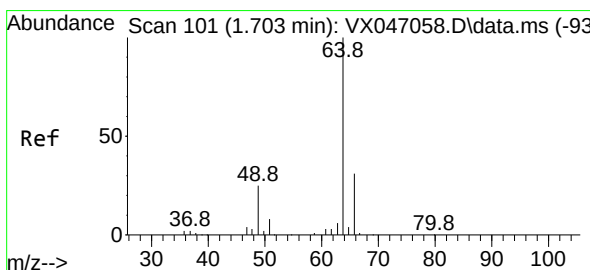
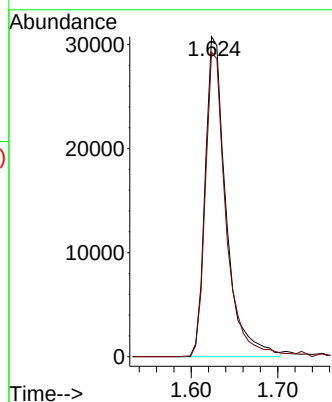
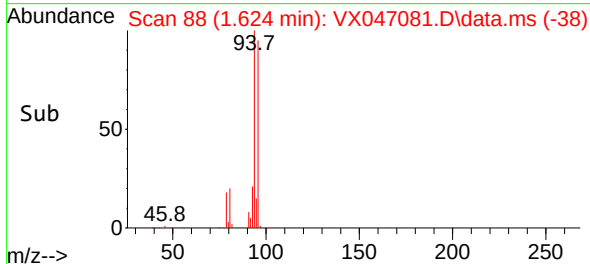
Instrument :
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Tgt Ion: 94 Resp: 5143
Ion Ratio Lower Upper
94 100
96 95.2 72.3 108.5

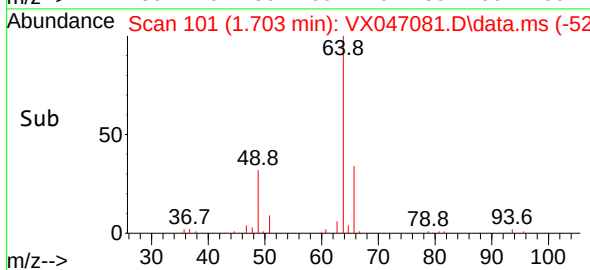
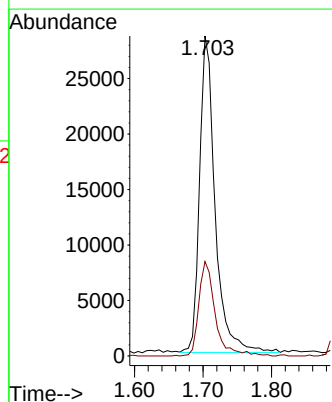
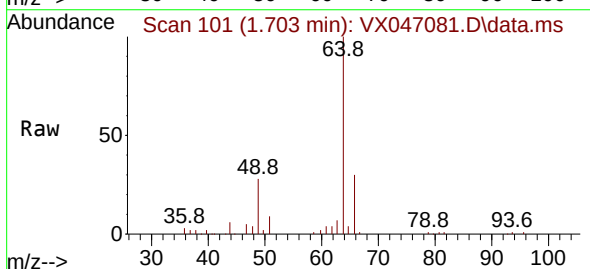
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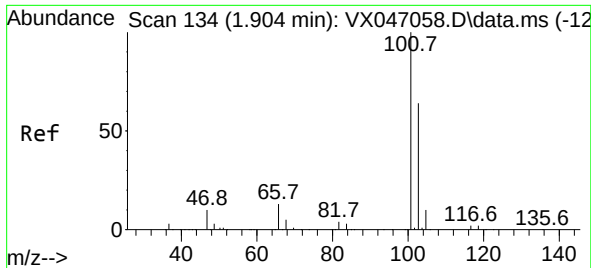
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#6
Chloroethane
Concen: 16.534 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX047081.D
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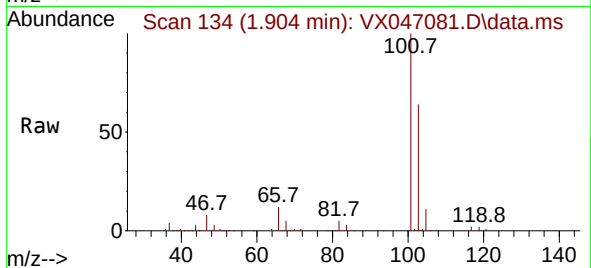
Tgt Ion: 64 Resp: 45141
Ion Ratio Lower Upper
64 100
66 29.8 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 17.516 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047081.D
 Acq: 23 Jul 2025 11:41

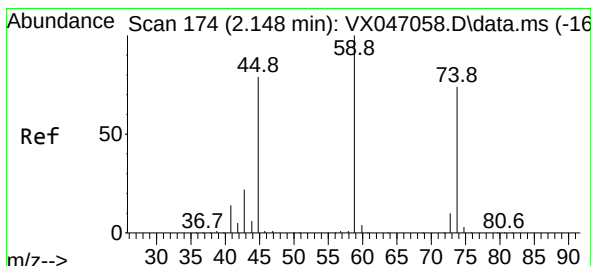
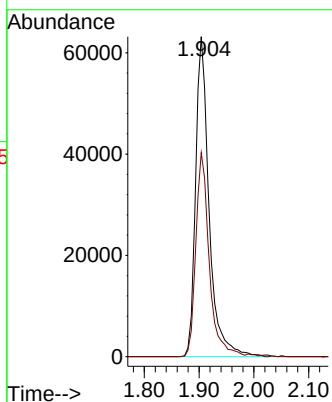
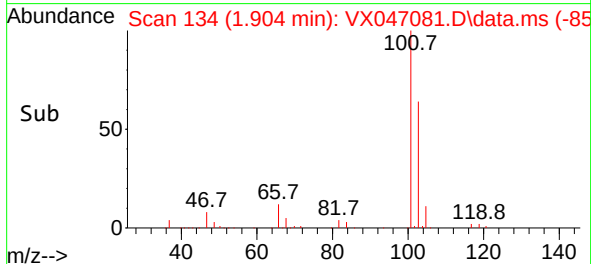
Instrument :
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 VX0723MBS01



Tgt Ion:101 Resp: 10857
 Ion Ratio Lower Upper
 101 100
 103 63.8 50.9 76.3

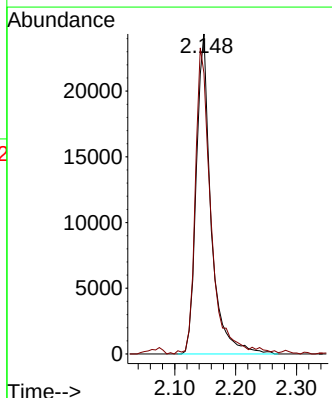
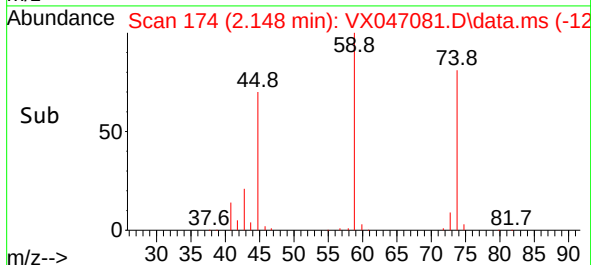
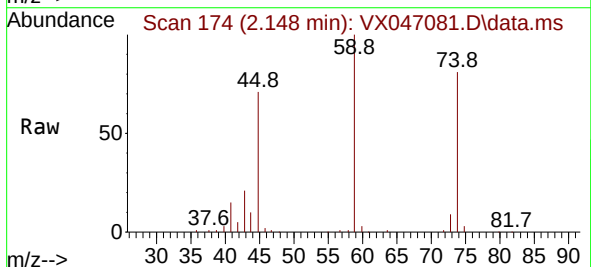
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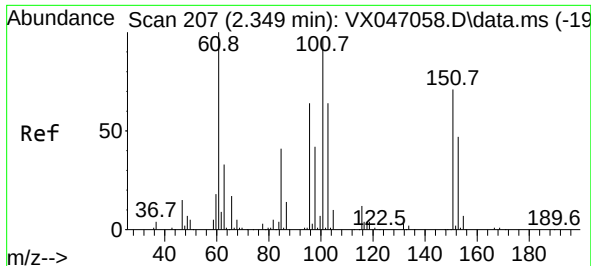
Reviewed By :John Carlone 07/24/2025
 Supervised By :Mahesh Dadoda 07/24/2025



#8
 Diethyl Ether
 Concen: 18.761 ug/l
 RT: 2.148 min Scan# 174
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 41003
 Ion Ratio Lower Upper
 74 100
 45 99.5 53.0 159.0





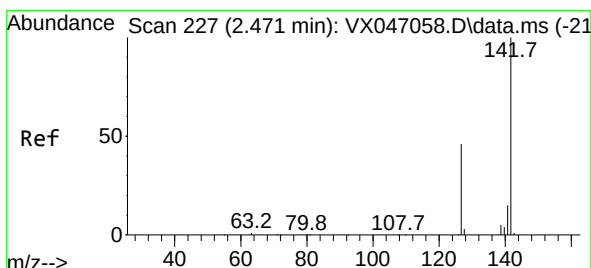
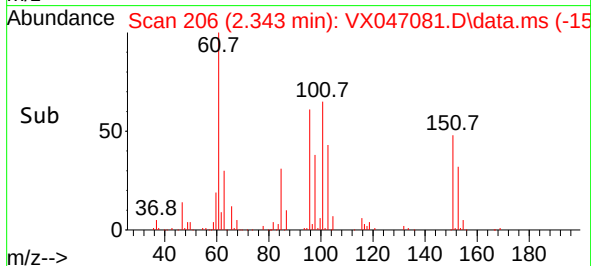
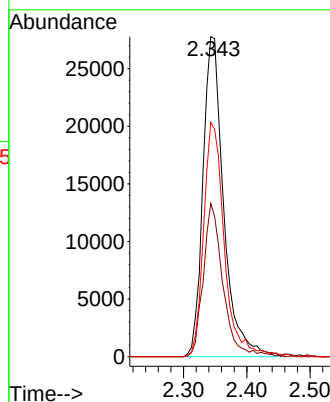
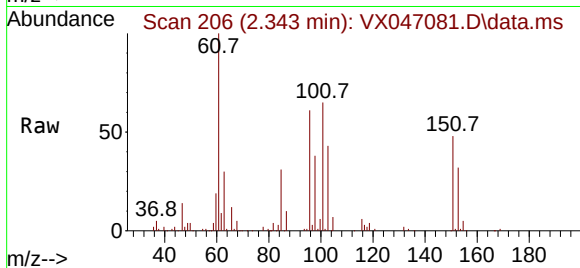
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.945 ug/l
RT: 2.343 min Scan# 207
Delta R.T. -0.006 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0723MBS01

Tgt Ion:101 Resp: 6328
Ion Ratio Lower Upper
101 100
85 45.3 35.4 53.0
151 73.3 59.2 88.8

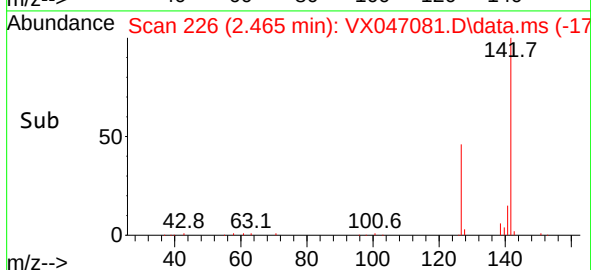
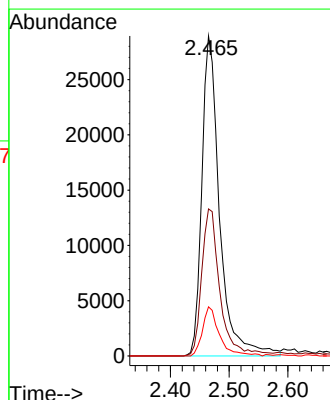
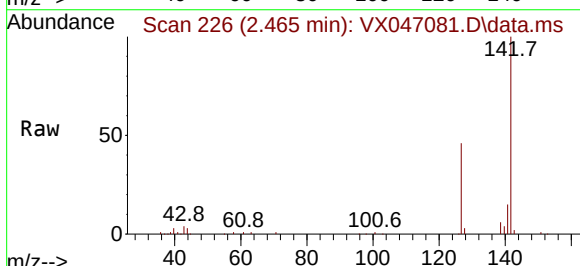
Manual Integrations
APPROVED

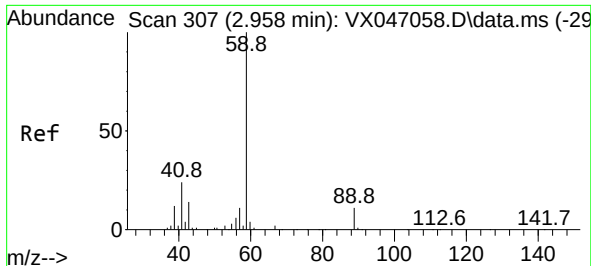
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#10
Methyl Iodide
Concen: 15.952 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

Tgt Ion:142 Resp: 60715
Ion Ratio Lower Upper
142 100
127 47.3 36.6 54.8
141 14.6 10.9 16.3





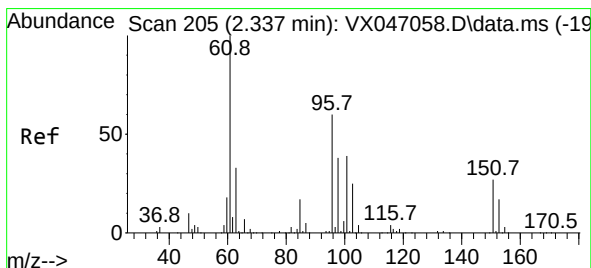
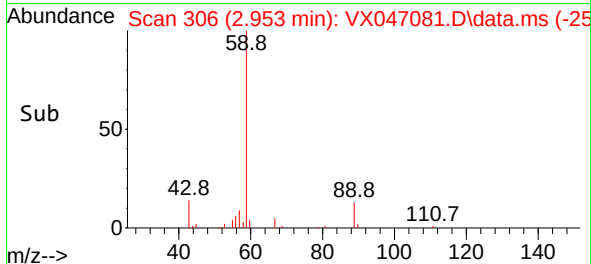
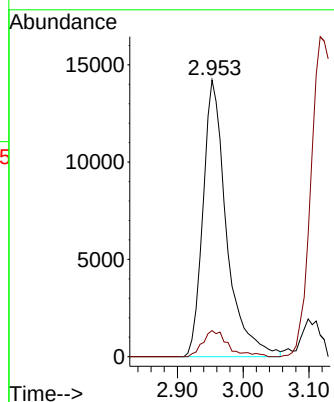
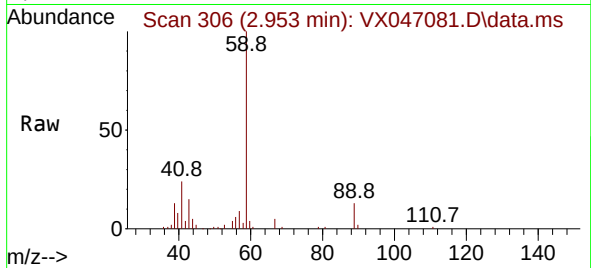
#11
Tert butyl alcohol
Concen: 75.485 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.005 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0723MBS01

Tgt Ion: 59 Resp: 35430
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7

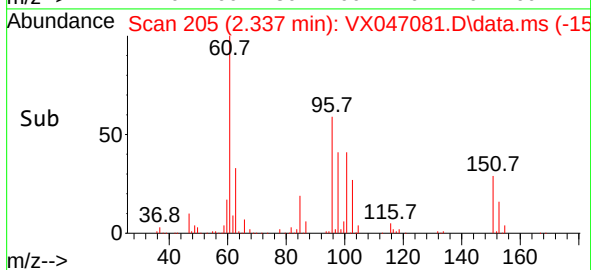
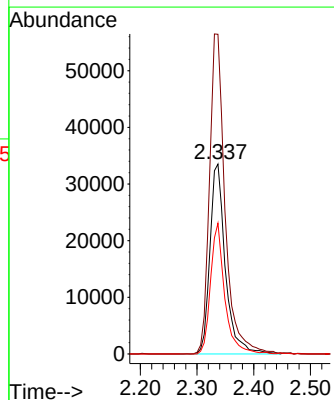
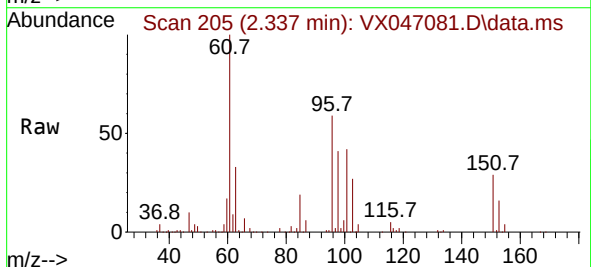
Manual Integrations
APPROVED

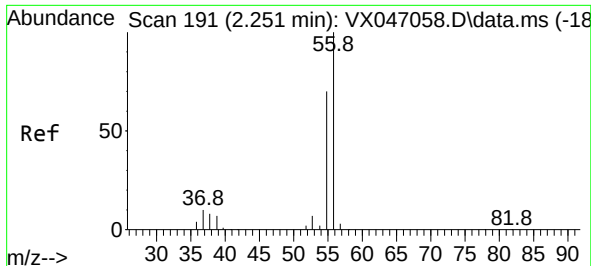
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#12
1,1-Dichloroethene
Concen: 17.196 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

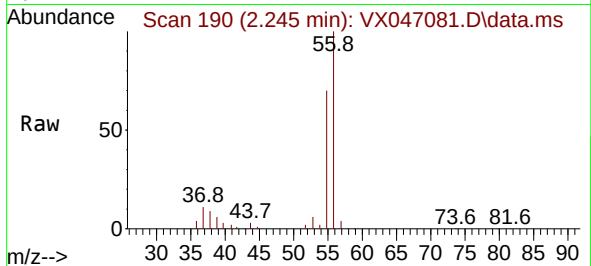
Tgt Ion: 96 Resp: 63605
Ion Ratio Lower Upper
96 100
61 168.4 132.6 198.8
98 68.8 50.2 75.4





#13
Acrolein
Concen: 122.631 ug/l
RT: 2.245 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

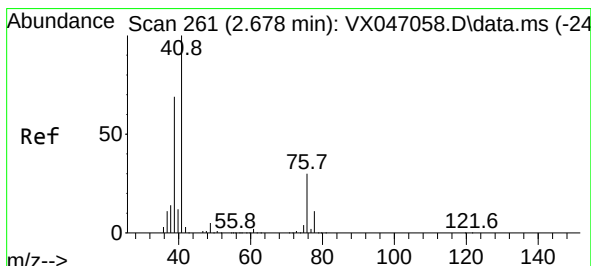
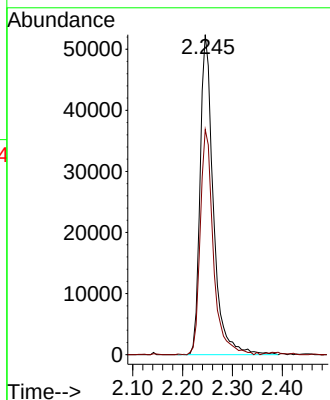
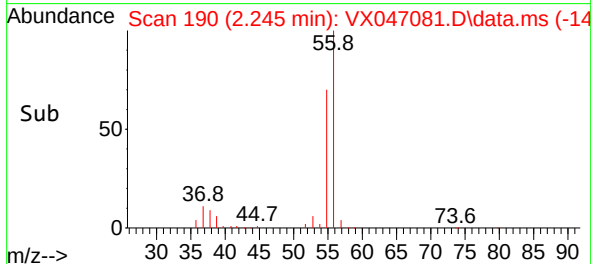
Instrument :
MSVOA_X
ClientSampleId :
VX0723MBS01



Tgt Ion: 56 Resp: 96810
Ion Ratio Lower Upper
56 100
55 69.5 55.7 83.5

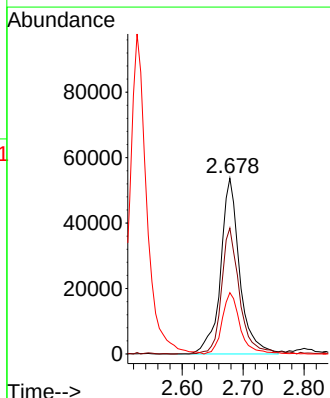
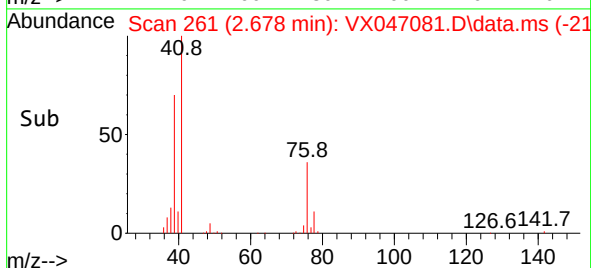
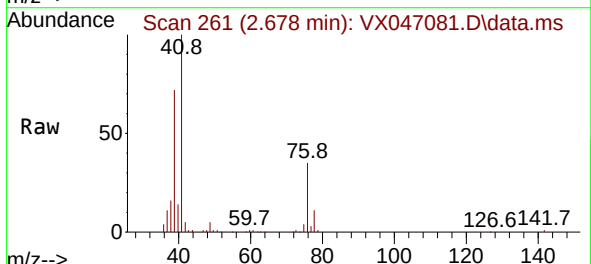
Manual Integrations
APPROVED

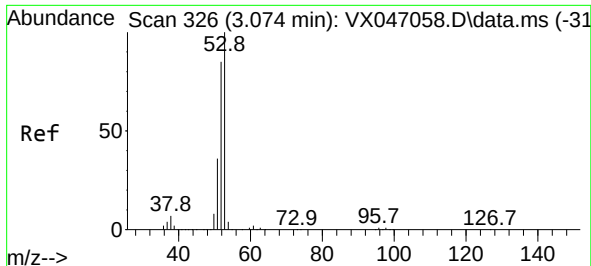
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#14
Allyl chloride
Concen: 17.494 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

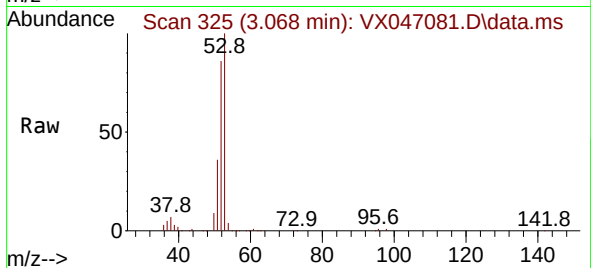
Tgt Ion: 41 Resp: 116967
Ion Ratio Lower Upper
41 100
39 68.1 52.6 78.8
76 32.8 25.7 38.5





#15
Acrylonitrile
Concen: 93.368 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

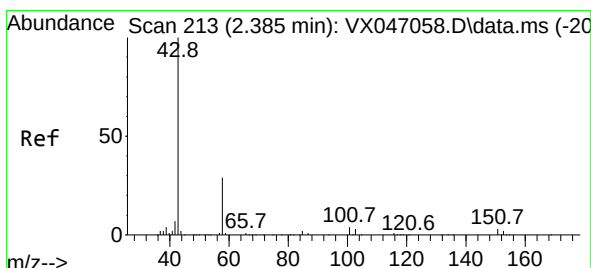
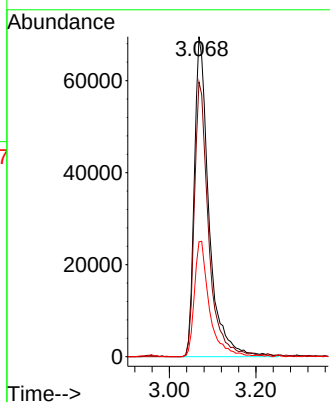
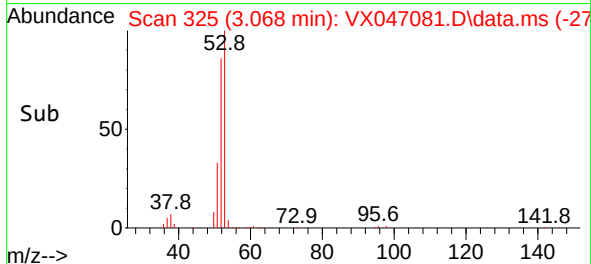
Instrument :
MSVOA_X
ClientSampleId :
VX0723MBS01



Tgt Ion: 53 Resp: 16326
Ion Ratio Lower Upper
53 100
52 83.2 65.7 98.5
51 36.9 28.8 43.2

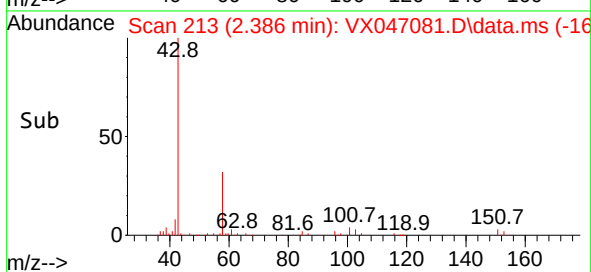
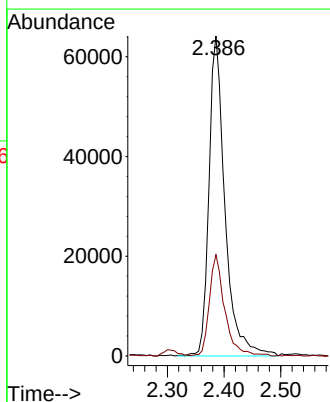
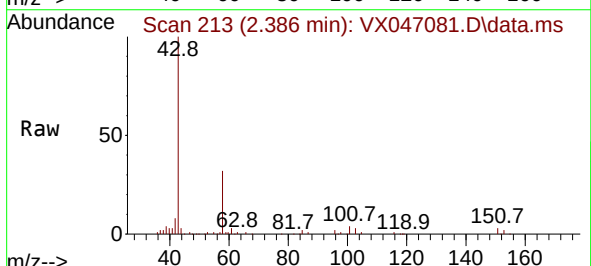
Manual Integrations
APPROVED

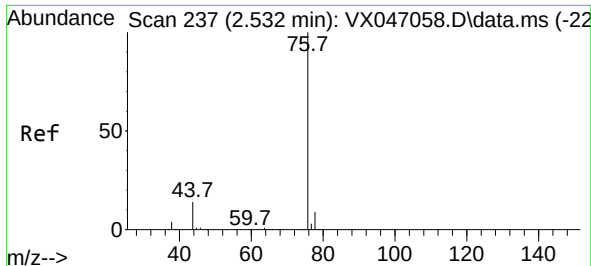
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#16
Acetone
Concen: 85.671 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

Tgt Ion: 43 Resp: 125831
Ion Ratio Lower Upper
43 100
58 31.4 24.0 36.0





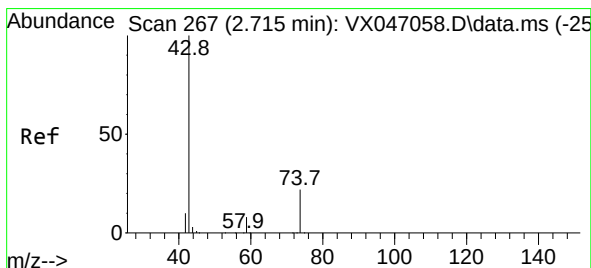
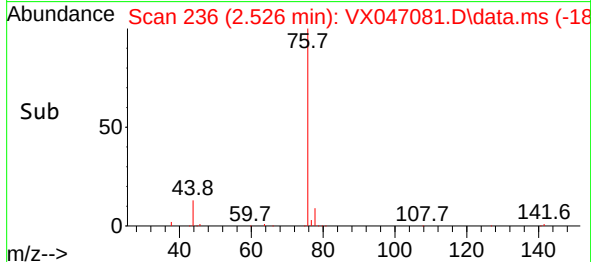
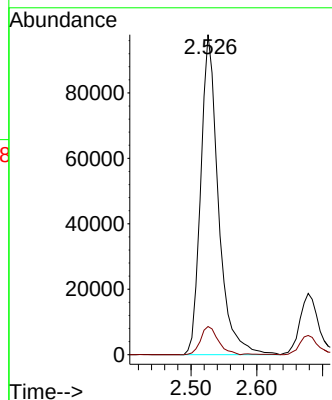
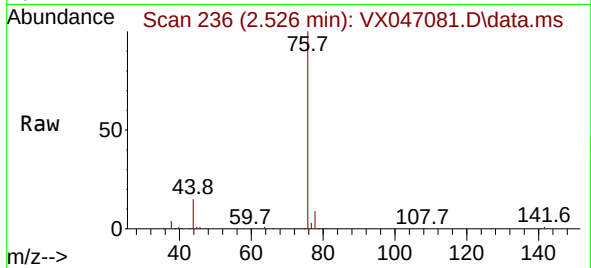
#17
Carbon Disulfide
Concen: 17.046 ug/l
RT: 2.526 min Scan# 236
Delta R.T. -0.006 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0723MBS01

Tgt Ion: 76 Resp: 182400
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4

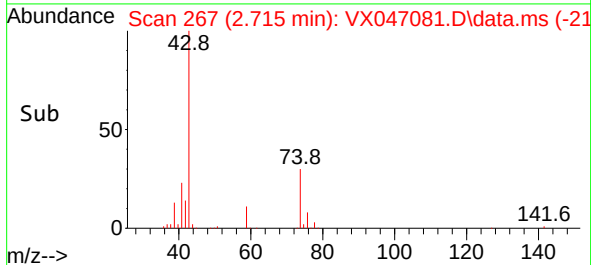
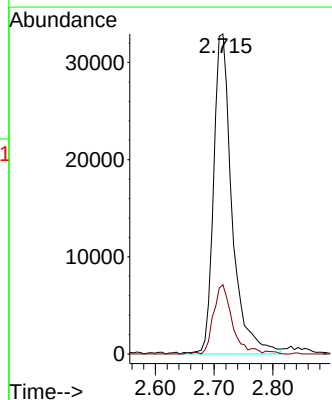
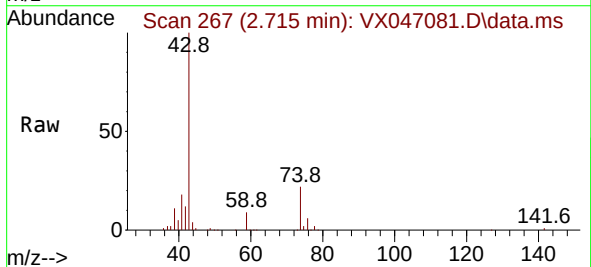
Manual Integrations
APPROVED

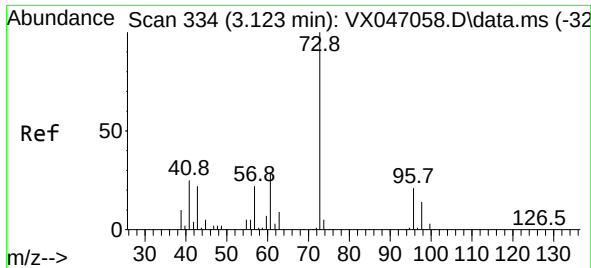
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#18
Methyl Acetate
Concen: 18.428 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

Tgt Ion: 43 Resp: 71928
Ion Ratio Lower Upper
43 100
74 22.0 17.7 26.5





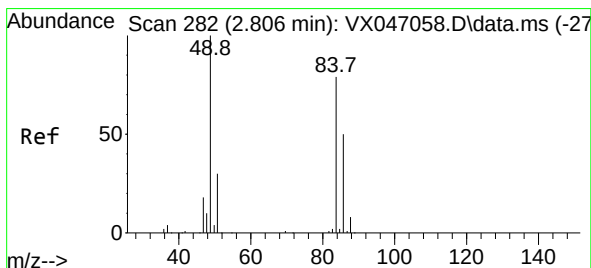
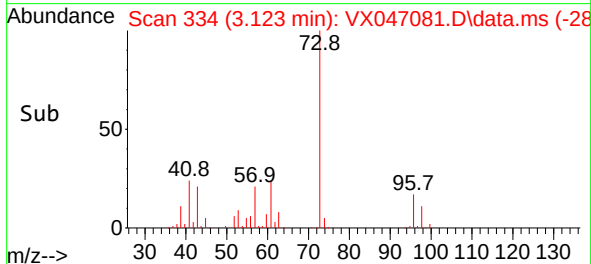
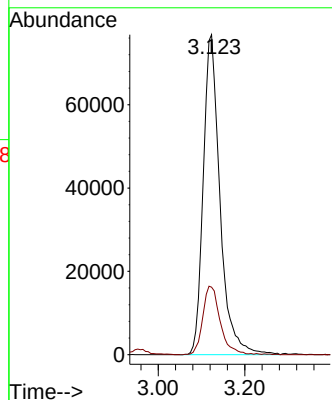
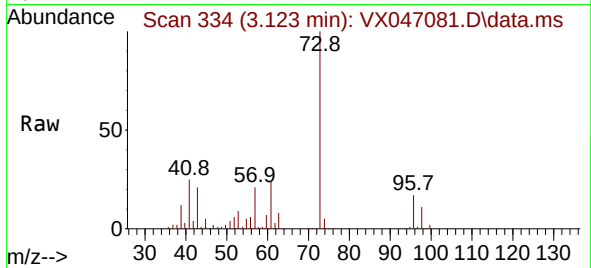
#19
Methyl tert-butyl Ether
Concen: 18.327 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0723MBS01

Tgt Ion: 73 Resp: 20630
Ion Ratio Lower Upper
73 100
57 21.1 17.7 26.5

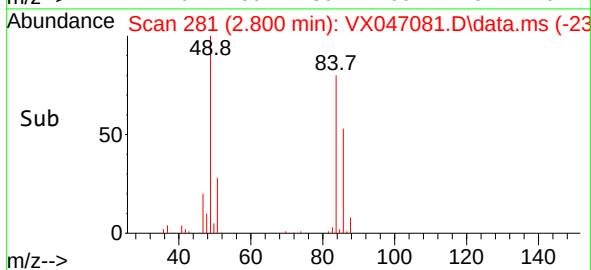
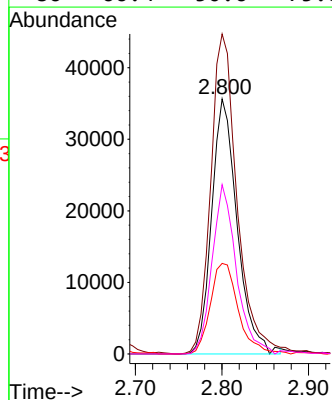
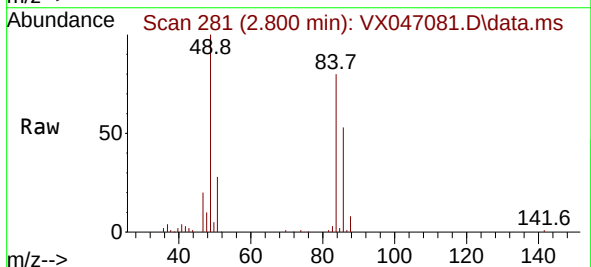
Manual Integrations
APPROVED

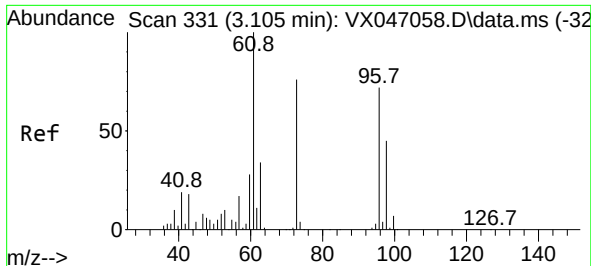
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#20
Methylene Chloride
Concen: 18.018 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

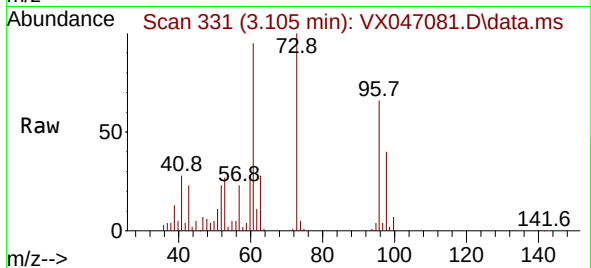
Tgt Ion: 84 Resp: 72805
Ion Ratio Lower Upper
84 100
49 125.5 101.6 152.4
51 35.5 30.3 45.5
86 66.4 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 17.651 ug/l
RT: 3.105 min Scan# 331
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

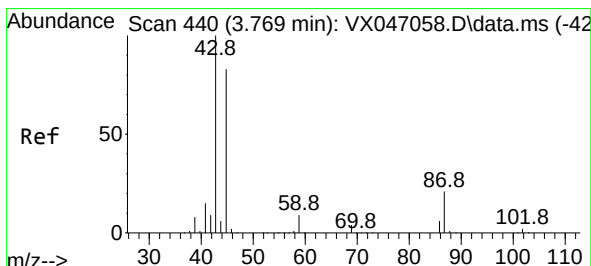
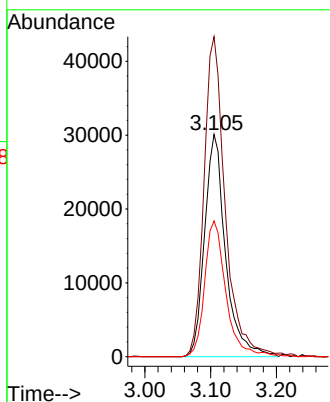
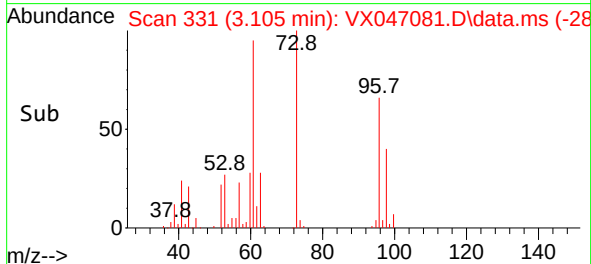
Instrument :
MSVOA_X
ClientSampleId :
VX0723MBS01



Tgt Ion: 96 Resp: 66810
Ion Ratio Lower Upper
96 100
61 144.0 111.1 166.7
98 63.5 49.6 74.4

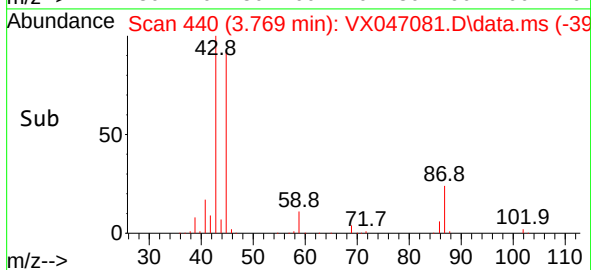
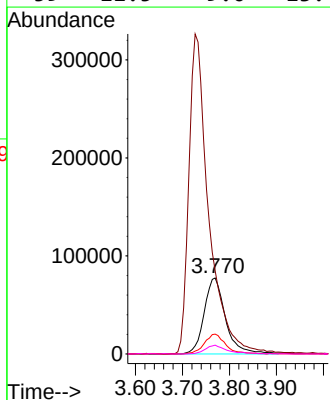
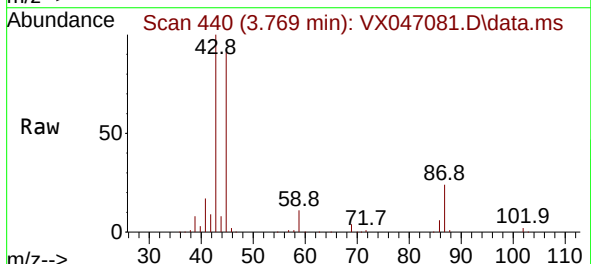
Manual Integrations
APPROVED

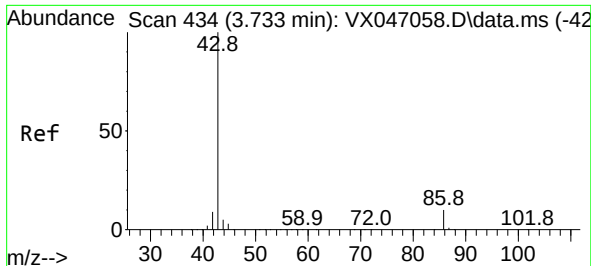
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#22
Diisopropyl ether
Concen: 19.012 ug/l
RT: 3.769 min Scan# 440
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

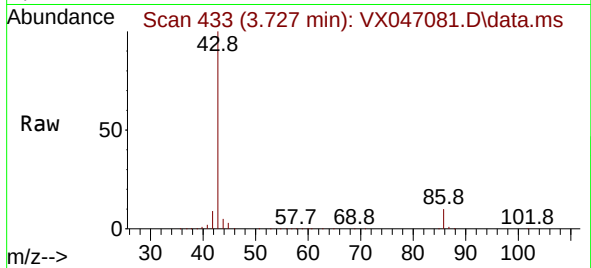
Tgt Ion: 45 Resp: 244390
Ion Ratio Lower Upper
45 100
43 105.9 96.8 145.2
87 26.0 20.5 30.7
59 11.5 9.0 13.4





#23
 Vinyl Acetate
 Concen: 93.738 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX047081.D
 Acq: 23 Jul 2025 11:41

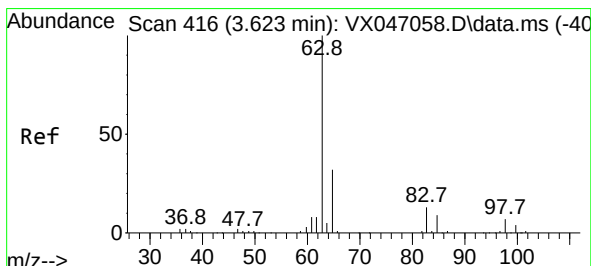
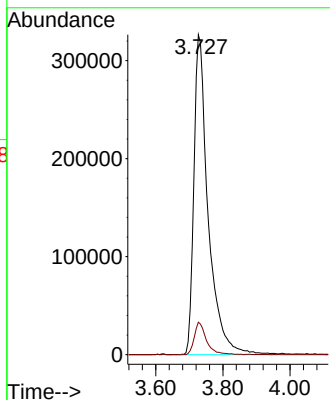
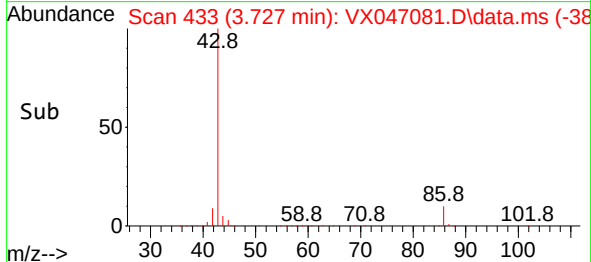
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723MBS01



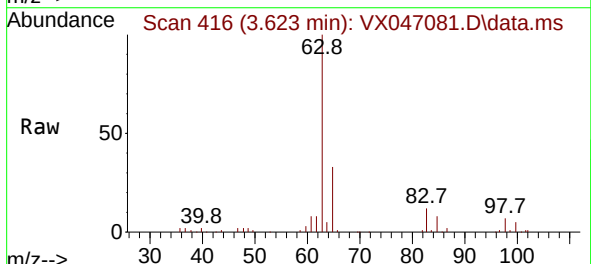
Tgt Ion: 43 Resp: 96648
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.1 12.1

Manual Integrations
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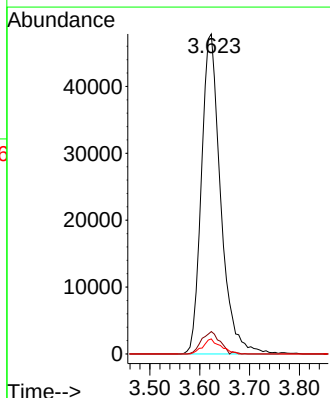
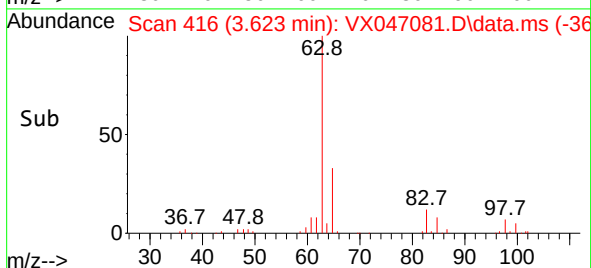
Reviewed By :John Carlone 07/24/2025
 Supervised By :Mahesh Dadoda 07/24/2025

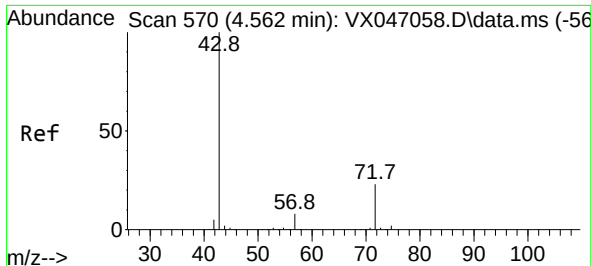


#24
 1,1-Dichloroethane
 Concen: 17.925 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: VX047081.D
 Acq: 23 Jul 2025 11:41



Tgt Ion: 63 Resp: 128133
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.6 10.8
 100 4.7 2.3 6.8





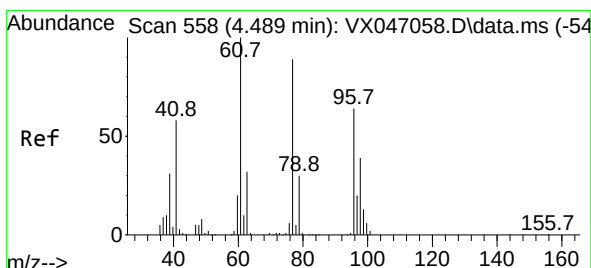
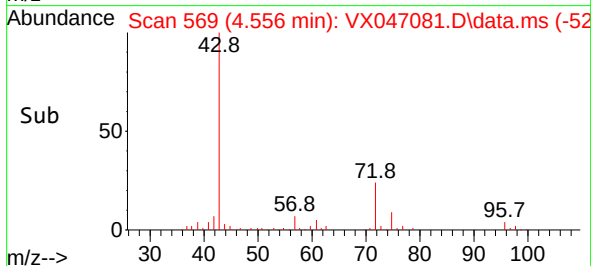
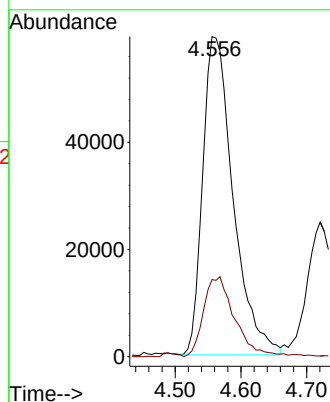
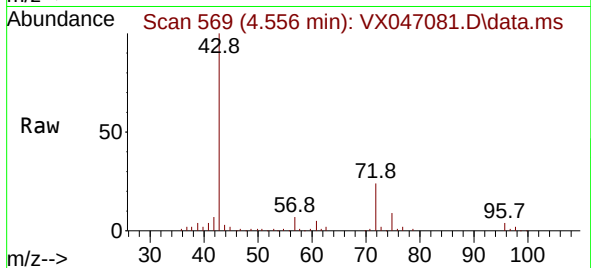
#25
2-Butanone
Concen: 89.535 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0723MBS01

Tgt Ion: 43 Resp: 19148
Ion Ratio Lower Upper
43 100
72 23.4 18.8 28.2

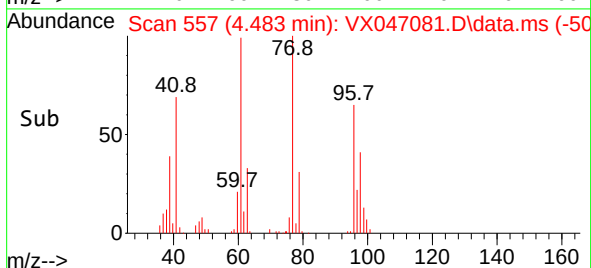
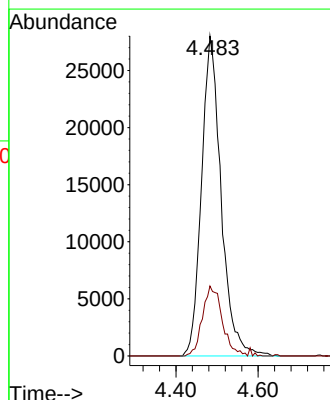
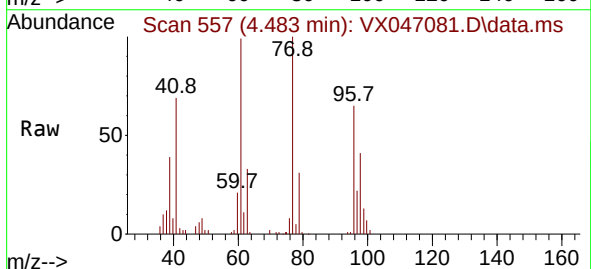
Manual Integrations
APPROVED

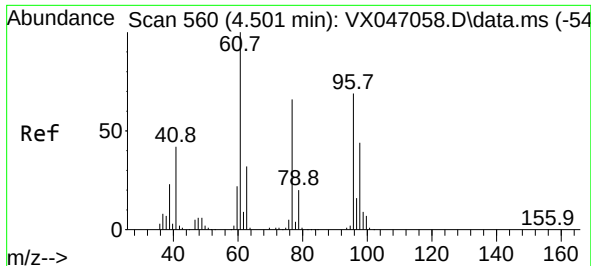
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#26
2,2-Dichloropropane
Concen: 16.742 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

Tgt Ion: 77 Resp: 92640
Ion Ratio Lower Upper
77 100
97 22.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 17.801 ug/l

RT: 4.495 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX047081.D

Acq: 23 Jul 2025 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0723MBS01

Tgt Ion: 96 Resp: 7978

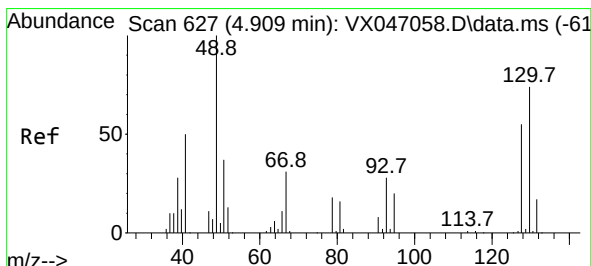
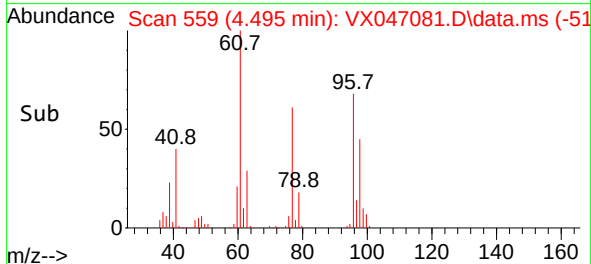
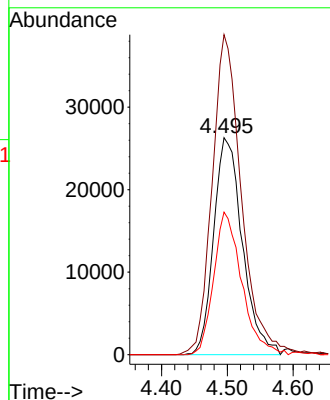
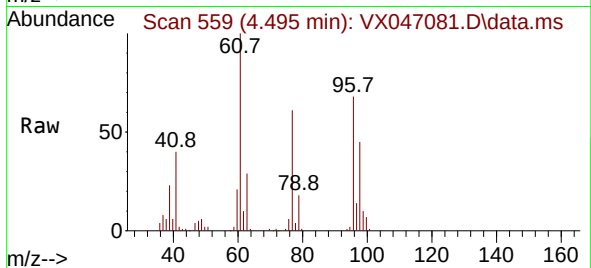
Ion	Ratio	Lower	Upper
96	100		
61	151.1	0.0	298.6
98	64.2	0.0	128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2025

Supervised By :Mahesh Dadoda 07/24/2025



#28

Bromochloromethane

Concen: 19.916 ug/l

RT: 4.910 min Scan# 627

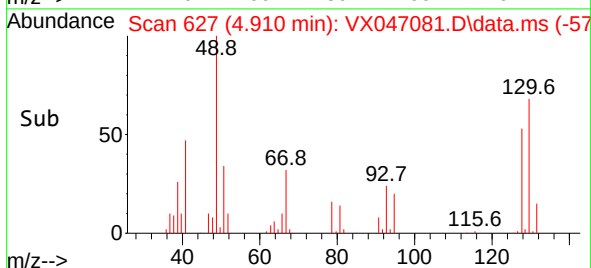
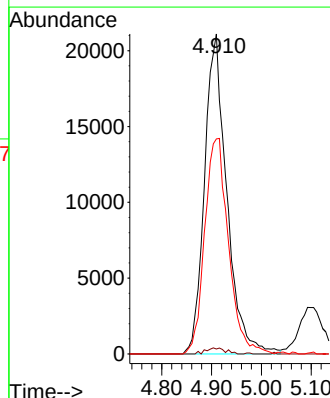
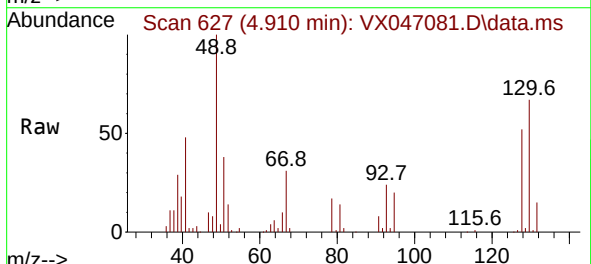
Delta R.T. 0.000 min

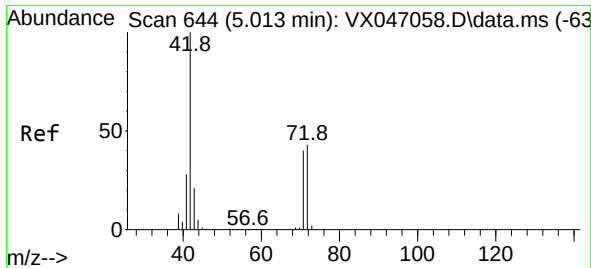
Lab File: VX047081.D

Acq: 23 Jul 2025 11:41

Tgt Ion: 49 Resp: 65497

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.8
130	72.0	59.0	88.4





#29

Tetrahydrofuran

Concen: 90.600 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX047081.D

Acq: 23 Jul 2025 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0723MBS01

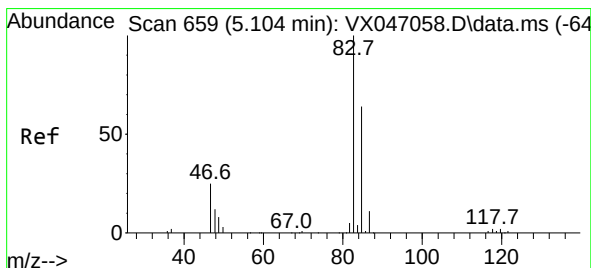
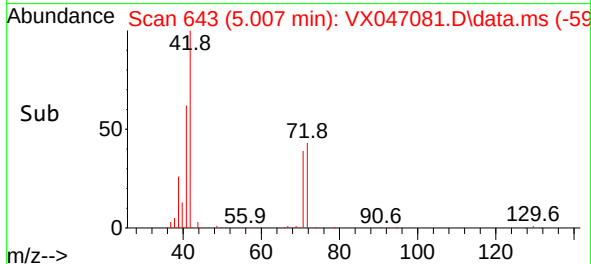
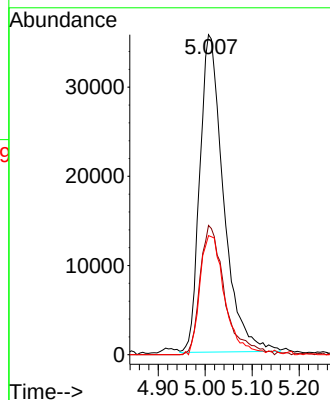
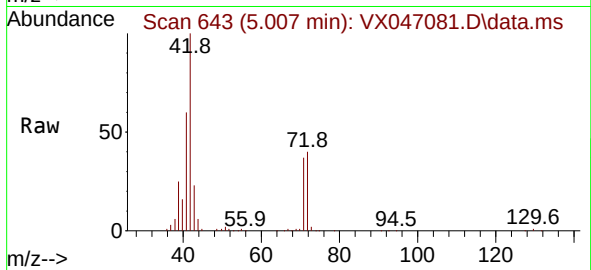
Tgt Ion: 42 Resp: 12501
 Ion Ratio Lower Upper
 42 100
 72 42.1 33.7 50.5
 71 39.0 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2025

Supervised By :Mahesh Dadoda 07/24/2025



#30

Chloroform

Concen: 18.002 ug/l

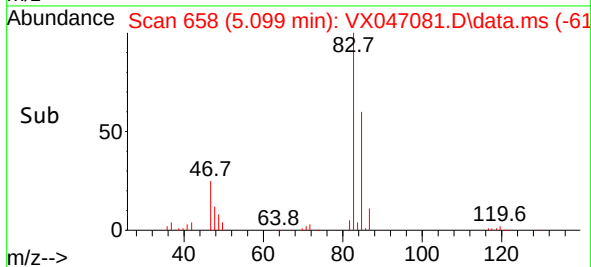
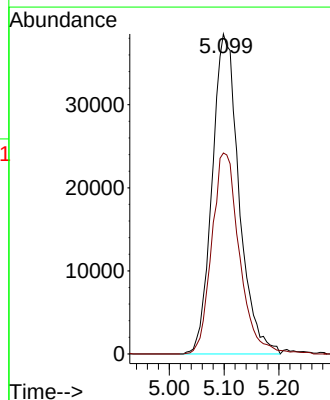
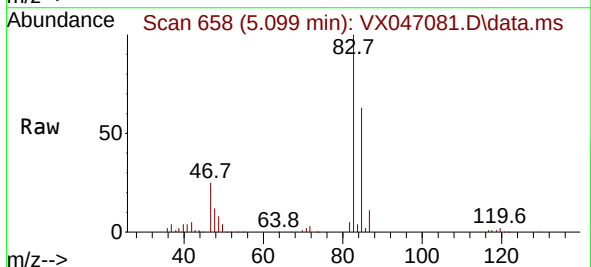
RT: 5.099 min Scan# 658

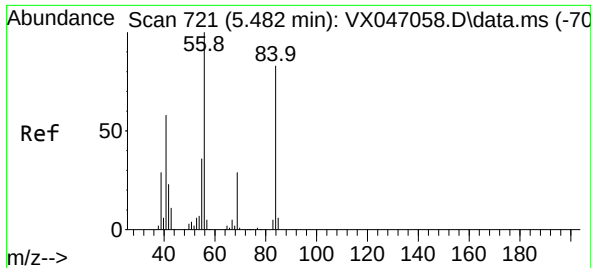
Delta R.T. -0.006 min

Lab File: VX047081.D

Acq: 23 Jul 2025 11:41

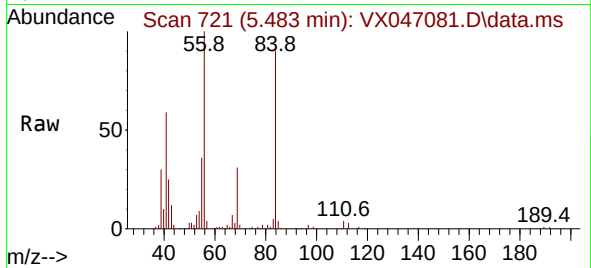
Tgt Ion: 83 Resp: 130988
 Ion Ratio Lower Upper
 83 100
 85 62.8 50.9 76.3





#31
Cyclohexane
Concen: 16.582 ug/l
RT: 5.483 min Scan# 701
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

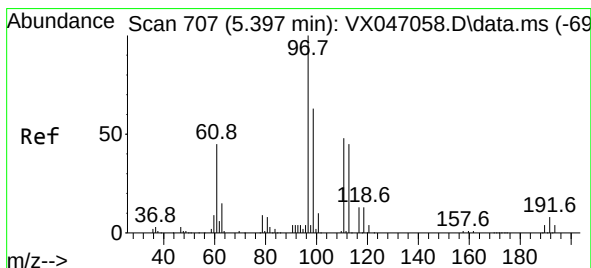
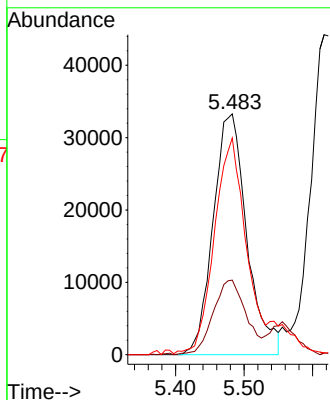
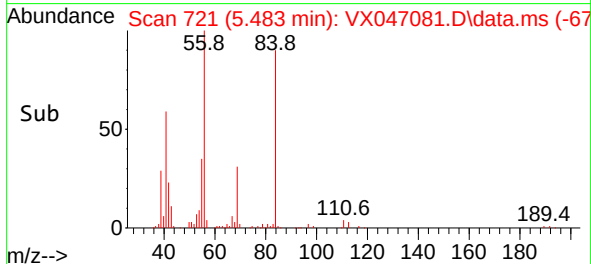
Instrument :
MSVOA_X
ClientSampleId :
VX0723MBS01



Tgt Ion: 56 Resp: 113652
Ion Ratio Lower Upper
56 100
69 30.7 23.3 34.9
84 88.4 66.5 99.7

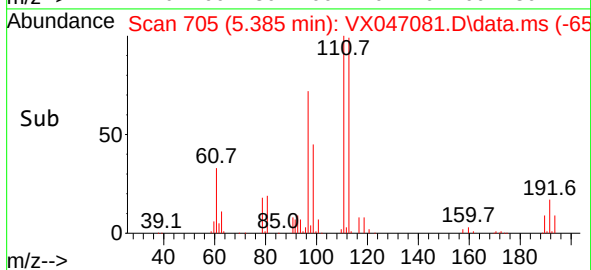
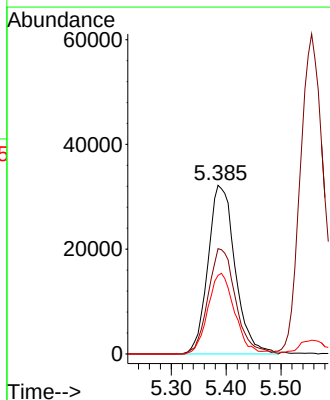
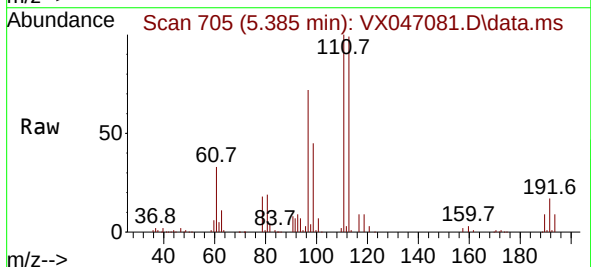
Manual Integrations
APPROVED

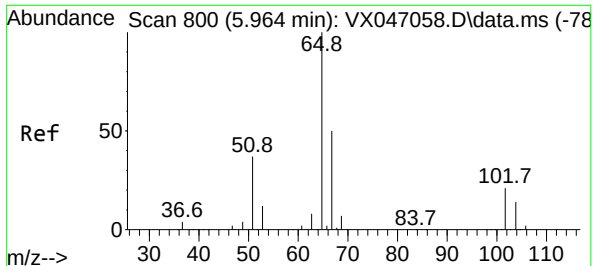
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#32
1,1,1-Trichloroethane
Concen: 17.493 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

Tgt Ion: 97 Resp: 110560
Ion Ratio Lower Upper
97 100
99 63.1 51.2 76.8
61 46.7 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 47.533 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX047081.D

Acq: 23 Jul 2025 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0723MBS01

Tgt Ion: 65 Resp: 17427

Ion Ratio Lower Upper

65 100

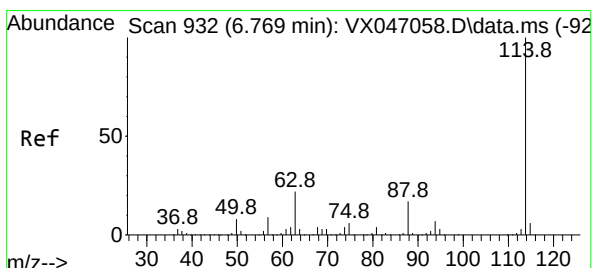
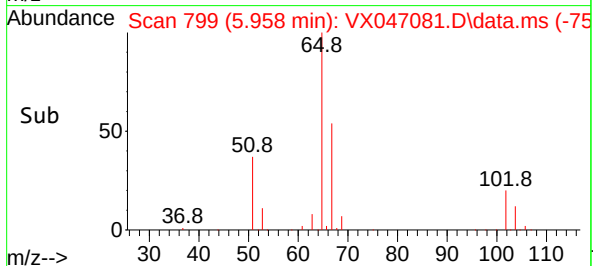
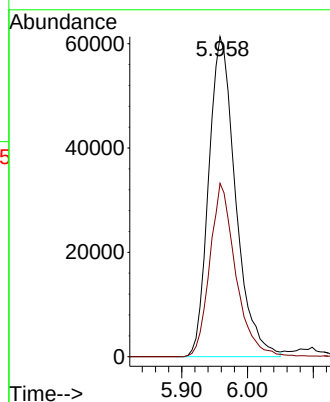
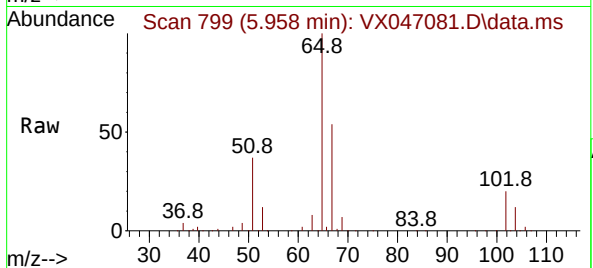
67 52.3 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2025

Supervised By :Mahesh Dadoda 07/24/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX047081.D

Acq: 23 Jul 2025 11:41

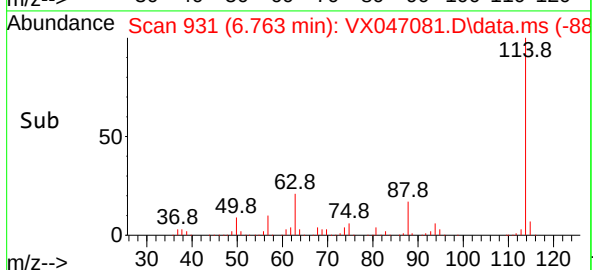
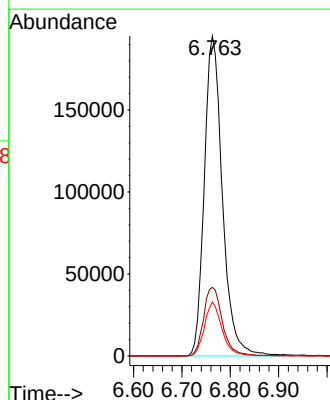
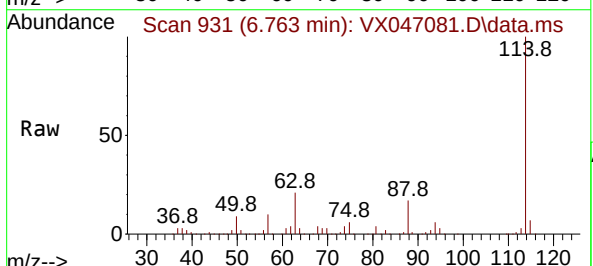
Tgt Ion:114 Resp: 508004

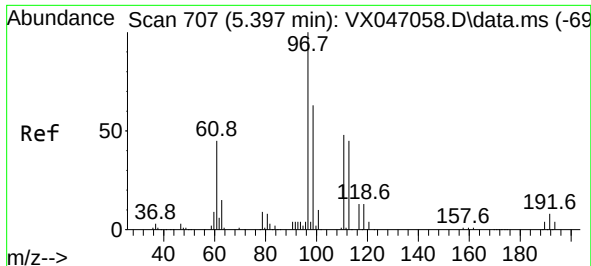
Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.2

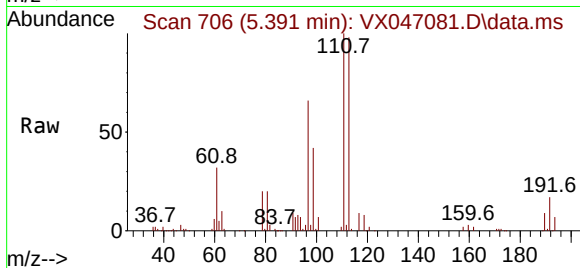
88 16.9 0.0 33.8





#35
Dibromofluoromethane
Concen: 46.605 ug/l
RT: 5.391 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

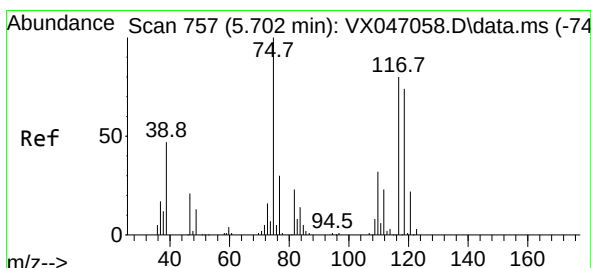
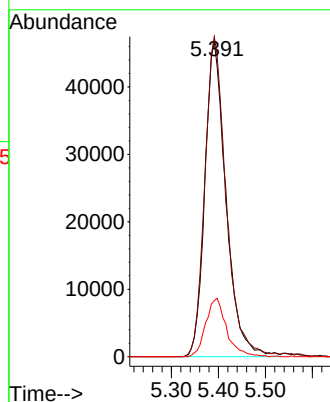
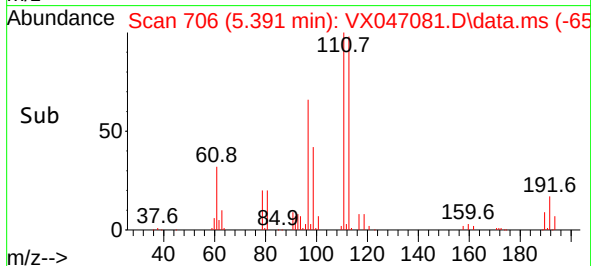
Instrument :
MSVOA_X
ClientSampleId :
VX0723MBS01



Tgt Ion: 113 Resp: 14618
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 18.2 14.9 22.3

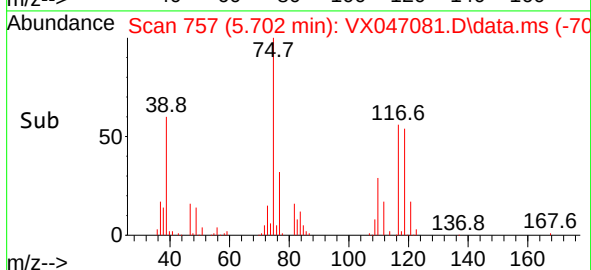
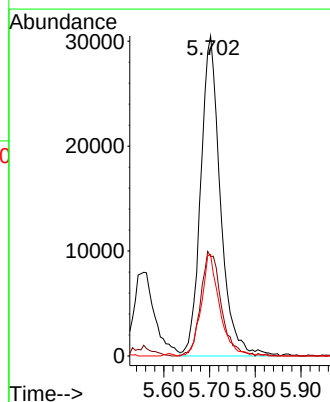
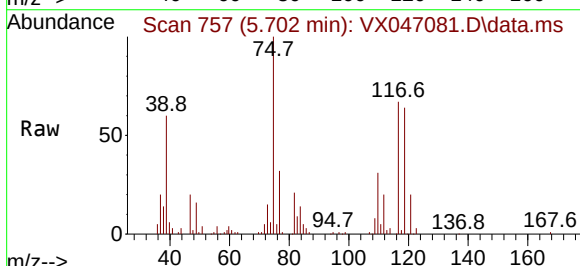
Manual Integrations
APPROVED

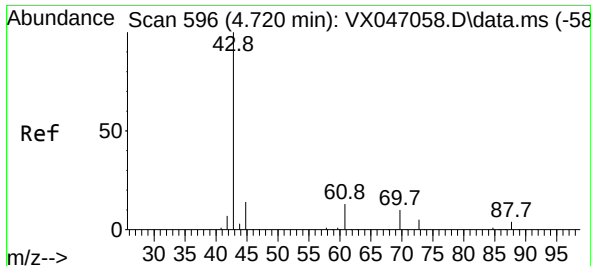
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#36
1,1-Dichloropropene
Concen: 17.109 ug/l
RT: 5.702 min Scan# 757
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

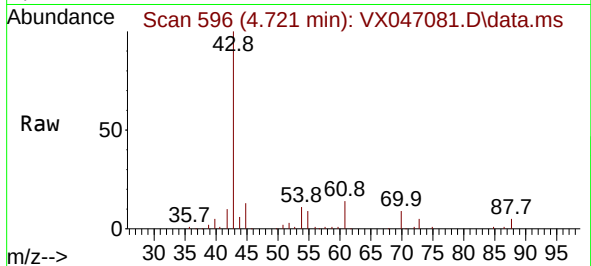
Tgt Ion: 75 Resp: 91475
Ion Ratio Lower Upper
75 100
110 33.8 17.2 51.5
77 29.9 25.1 37.7





#37
Ethyl Acetate
Concen: 16.597 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

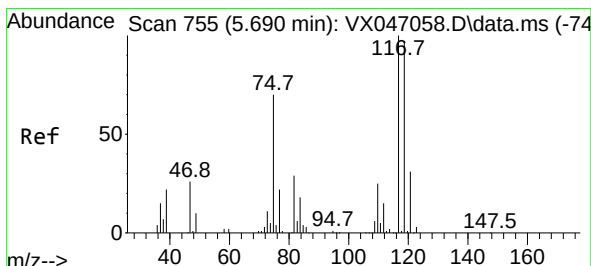
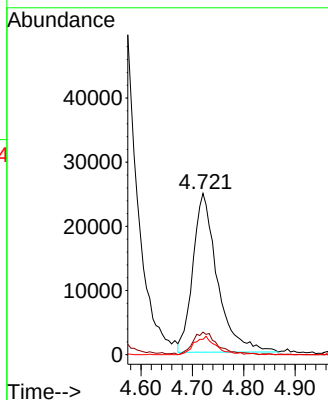
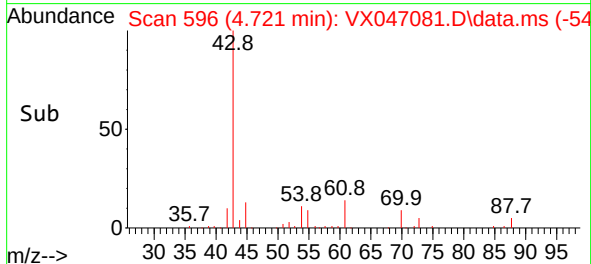
Instrument :
MSVOA_X
ClientSampleId :
VX0723MBS01



Tgt Ion: 43 Resp: 8176
Ion Ratio Lower Upper
43 100
61 14.3 10.2 15.2
70 10.3 8.1 12.1

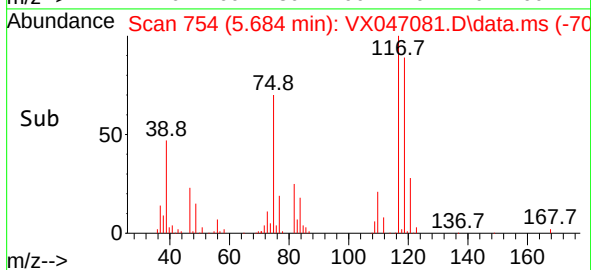
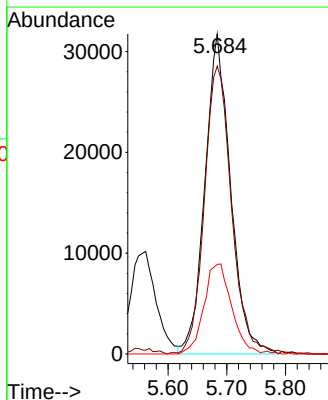
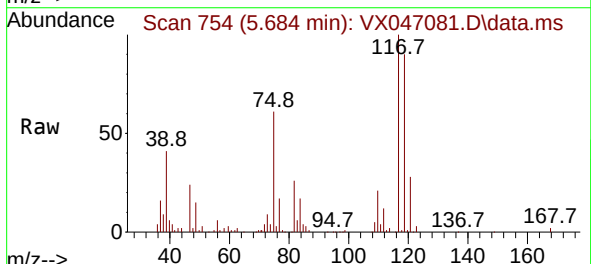
Manual Integrations
APPROVED

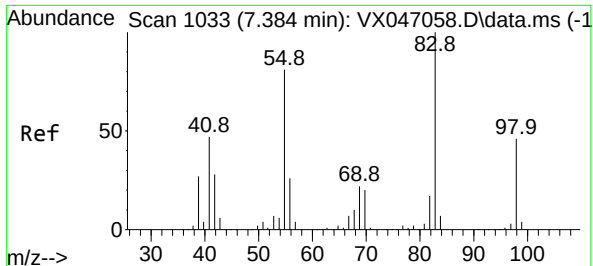
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#38
Carbon Tetrachloride
Concen: 16.906 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

Tgt Ion:117 Resp: 96476
Ion Ratio Lower Upper
117 100
119 89.6 76.6 115.0
121 28.0 24.4 36.6





#39

Methylcyclohexane

Concen: 16.550 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX047081.D

Acq: 23 Jul 2025 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0723MBS01

Tgt Ion: 83 Resp: 11048

Ion Ratio Lower Upper

83 100

55 79.0 64.5 96.7

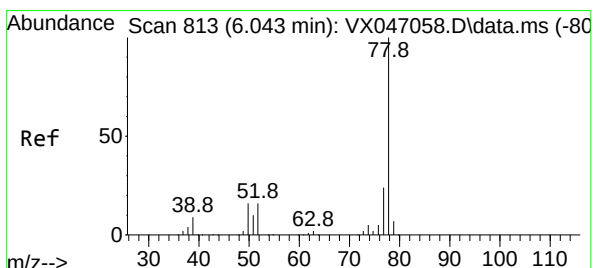
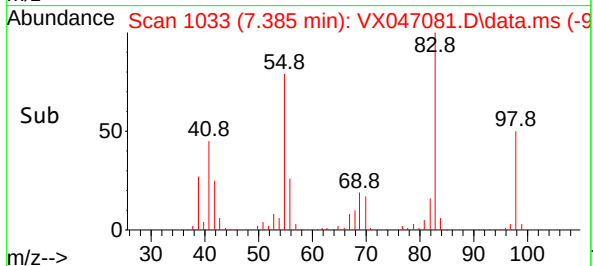
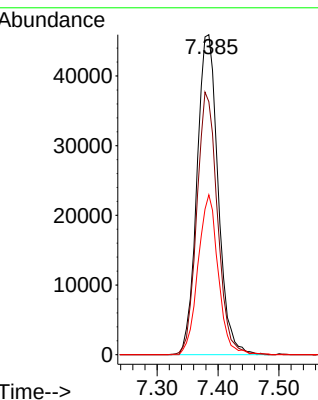
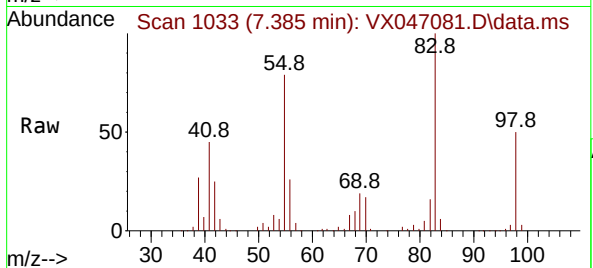
98 50.0 36.9 55.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2025

Supervised By :Mahesh Dadoda 07/24/2025



#40

Benzene

Concen: 17.898 ug/l

RT: 6.043 min Scan# 813

Delta R.T. 0.000 min

Lab File: VX047081.D

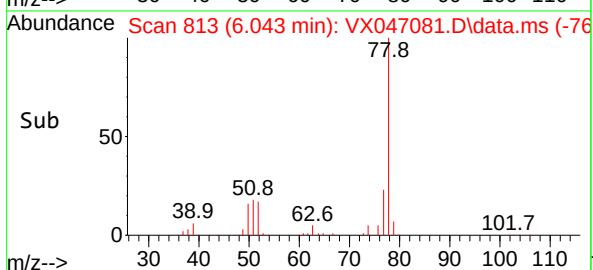
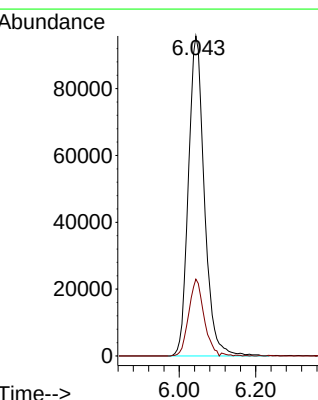
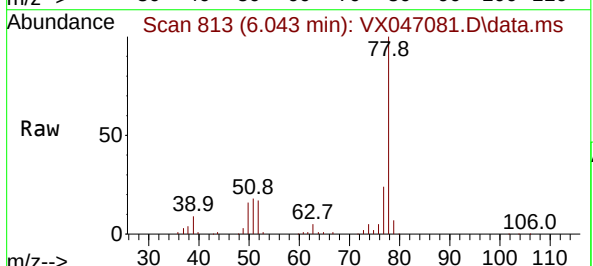
Acq: 23 Jul 2025 11:41

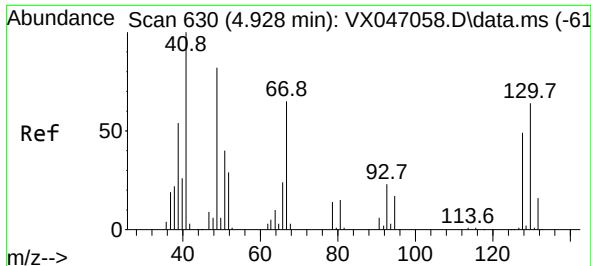
Tgt Ion: 78 Resp: 276933

Ion Ratio Lower Upper

78 100

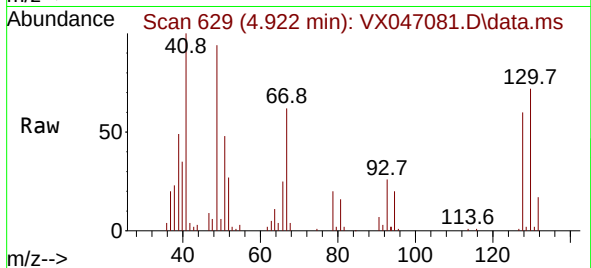
77 24.0 19.0 28.4





#41
Methacrylonitrile
Concen: 18.612 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

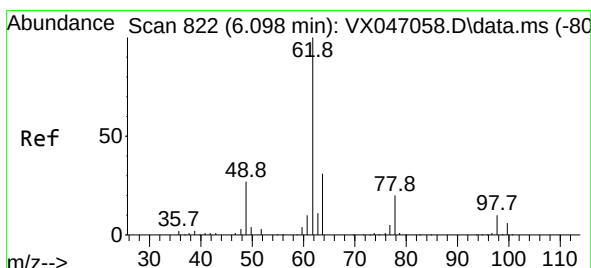
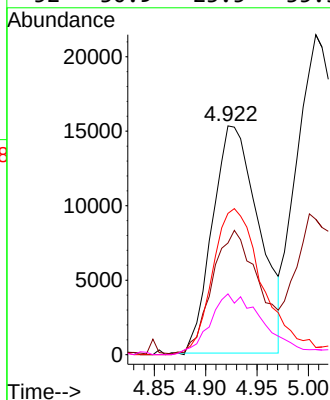
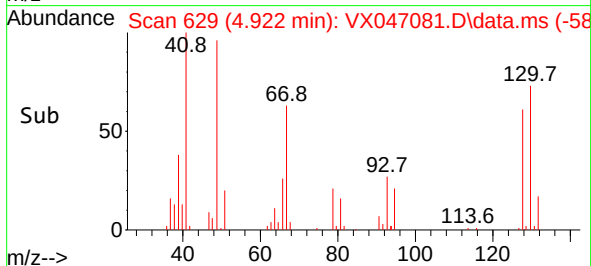
Instrument :
MSVOA_X
ClientSampleId :
VX0723MBS01



Tgt Ion: 41 Resp: 47944
Ion Ratio Lower Upper
41 100
39 54.7 44.2 66.2
67 72.1 56.4 84.6
52 30.9 23.5 35.3

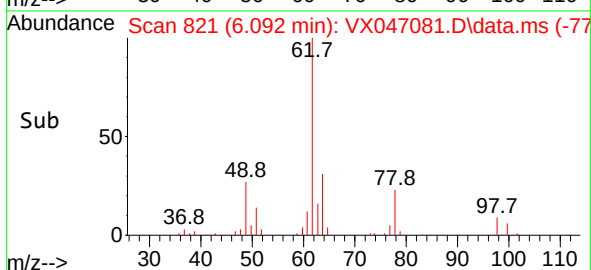
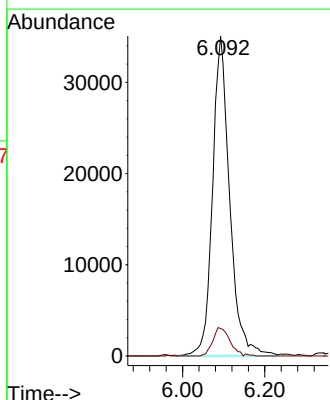
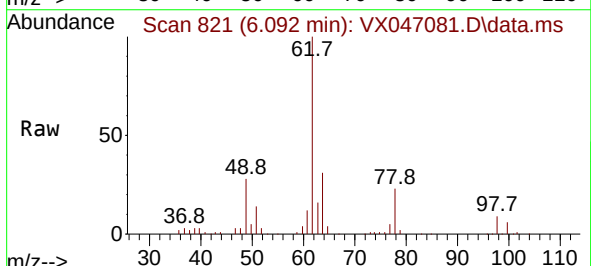
Manual Integrations
APPROVED

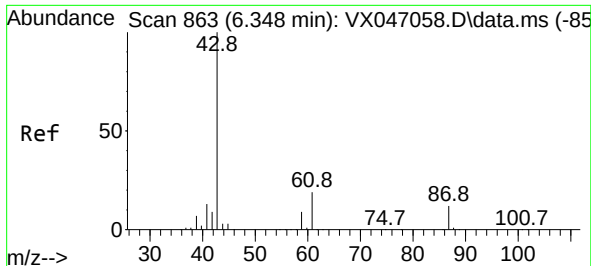
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#42
1,2-Dichloroethane
Concen: 18.655 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

Tgt Ion: 62 Resp: 101678
Ion Ratio Lower Upper
62 100
98 8.9 0.0 18.8





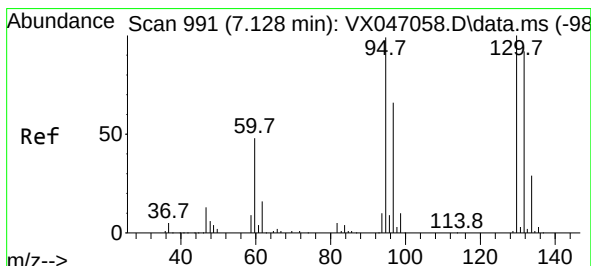
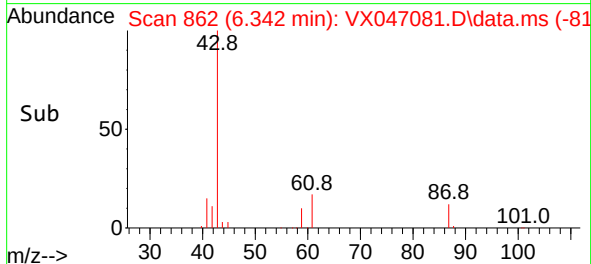
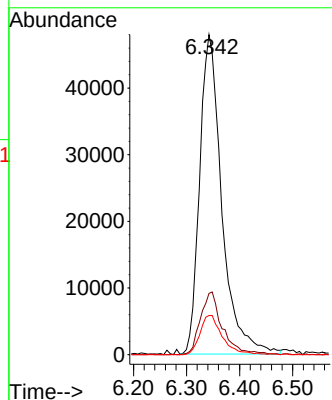
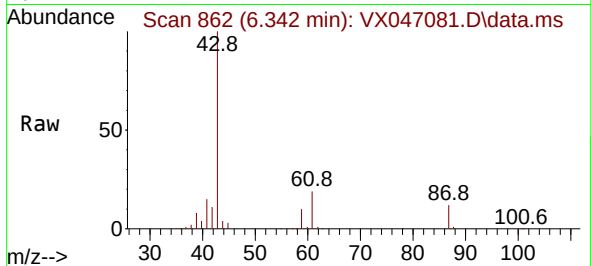
#43
Isopropyl Acetate
Concen: 18.100 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0723MBS01

Tgt Ion: 43 Resp: 139020
Ion Ratio Lower Upper
43 100
61 19.5 15.1 22.7
87 12.3 9.7 14.5

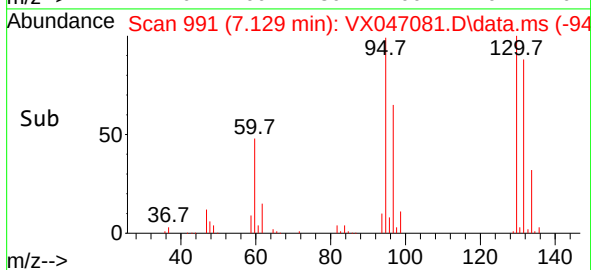
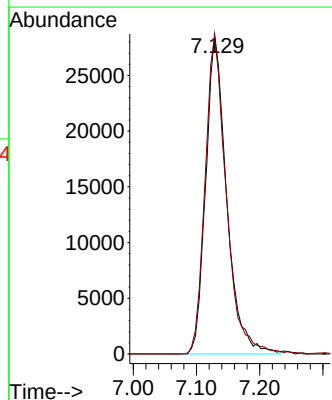
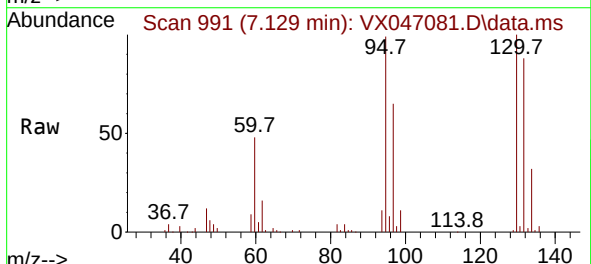
Manual Integrations
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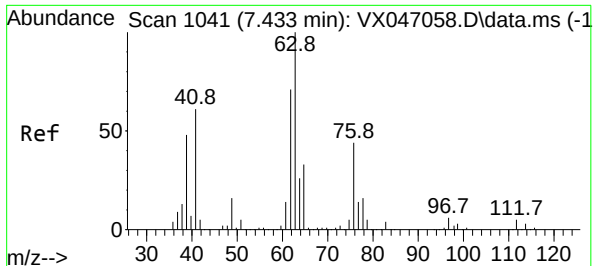
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#44
Trichloroethene
Concen: 16.584 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

Tgt Ion:130 Resp: 65800
Ion Ratio Lower Upper
130 100
95 99.3 0.0 198.6





#45

1,2-Dichloropropane

Concen: 17.770 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX047081.D

Acq: 23 Jul 2025 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0723MBS01

Tgt Ion: 63 Resp: 6886

Ion Ratio Lower Upper

63 100

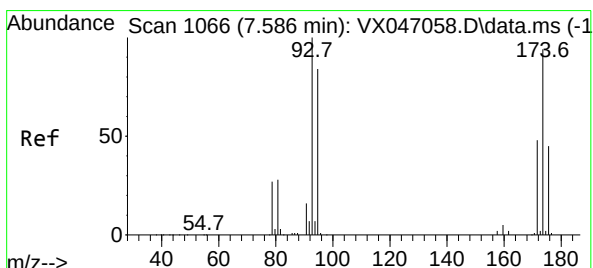
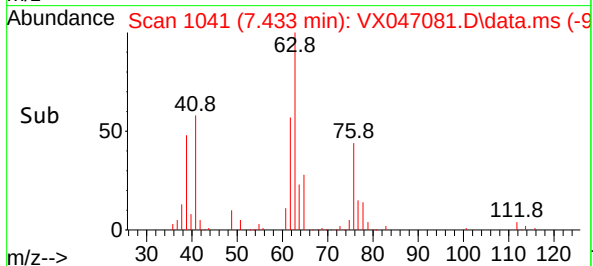
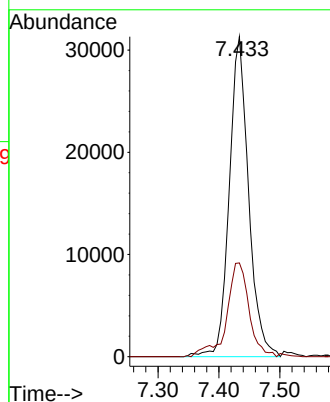
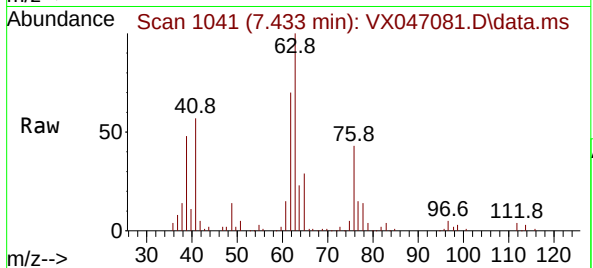
65 29.3 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2025

Supervised By :Mahesh Dadoda 07/24/2025



#46

Dibromomethane

Concen: 18.631 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX047081.D

Acq: 23 Jul 2025 11:41

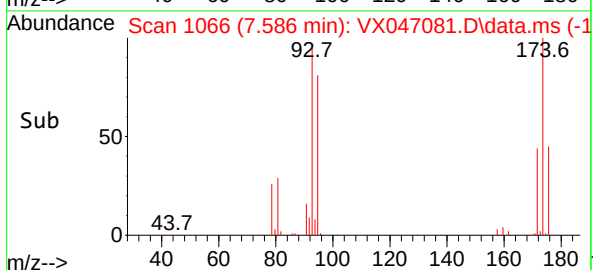
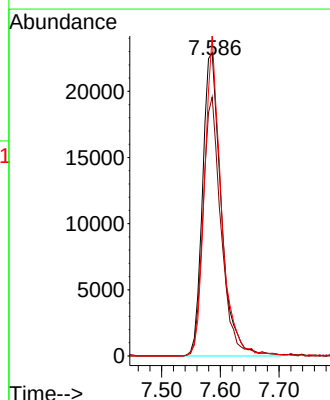
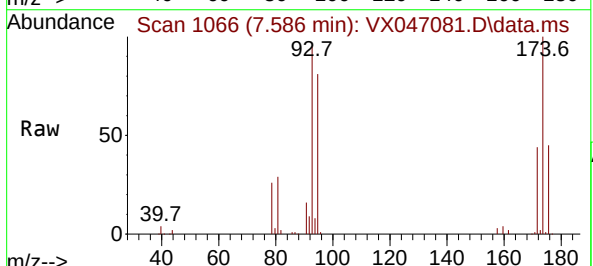
Tgt Ion: 93 Resp: 50631

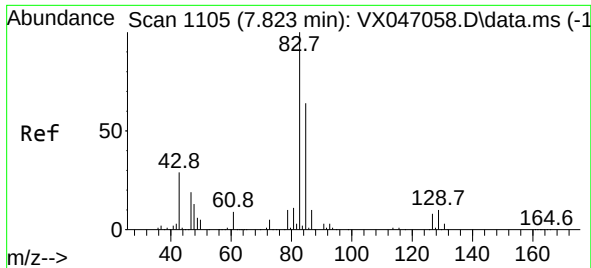
Ion Ratio Lower Upper

93 100

95 82.3 65.9 98.9

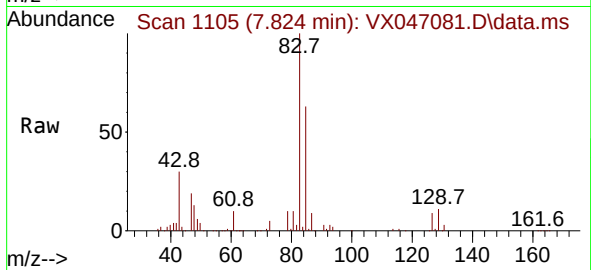
174 94.3 74.6 112.0





#47
Bromodichloromethane
Concen: 17.909 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

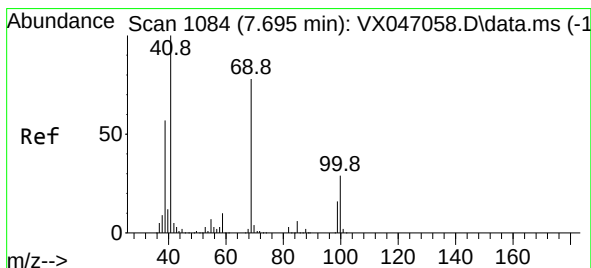
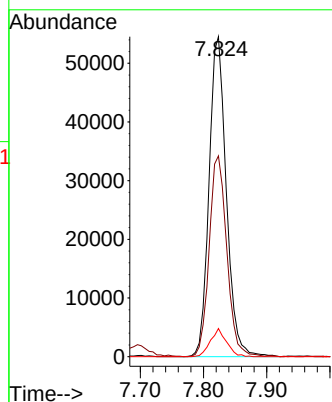
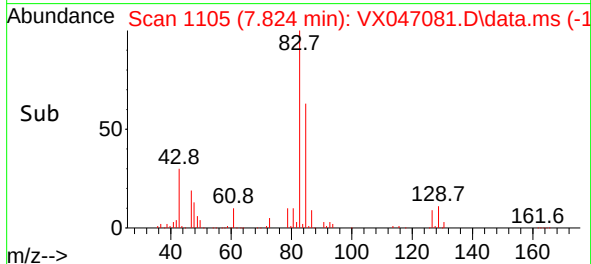
Instrument :
MSVOA_X
ClientSampleId :
VX0723MBS01



Tgt Ion: 83 Resp: 103592
Ion Ratio Lower Upper
83 100
85 62.8 49.9 74.9
127 8.8 6.6 10.0

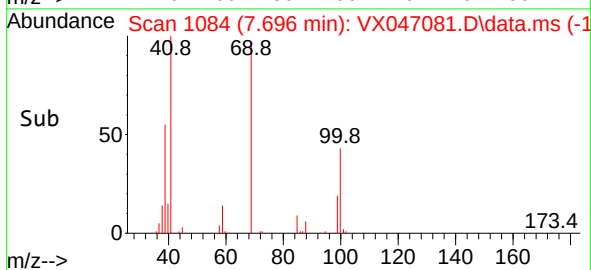
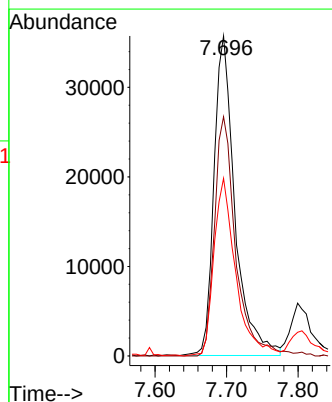
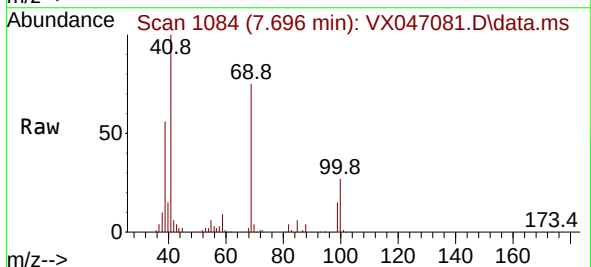
Manual Integrations
APPROVED

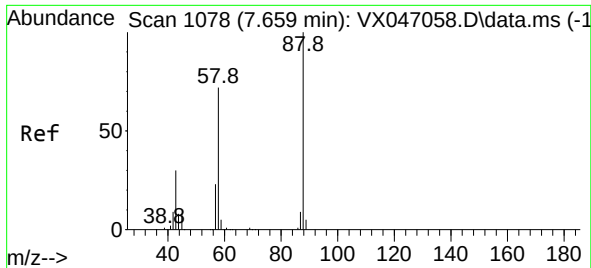
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#48
Methyl methacrylate
Concen: 17.367 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

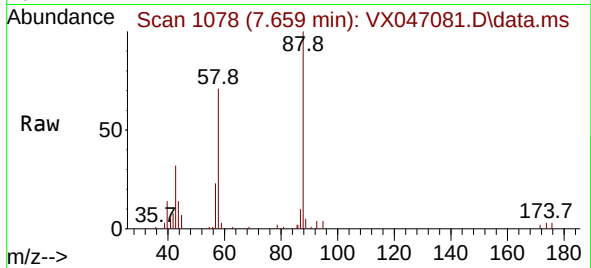
Tgt Ion: 41 Resp: 72663
Ion Ratio Lower Upper
41 100
69 76.3 62.3 93.5
39 57.9 44.8 67.2





#49
1,4-Dioxane
Concen: 355.340 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

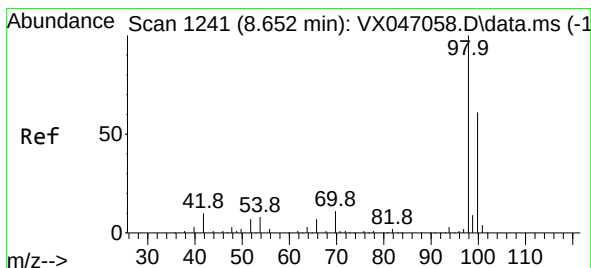
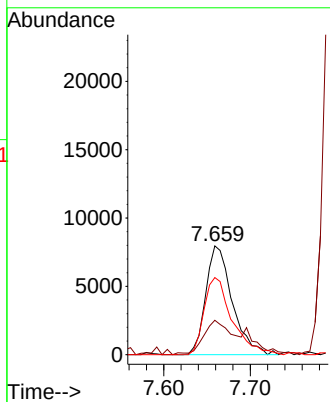
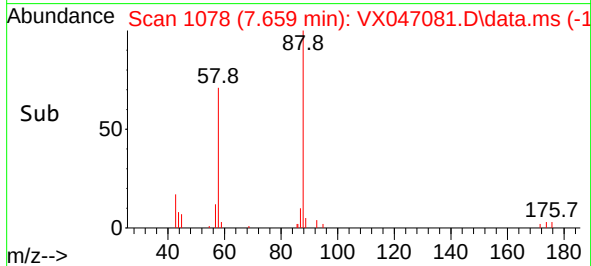
Instrument :
MSVOA_X
ClientSampleId :
VX0723MBS01



Tgt Ion: 88 Resp: 16910
Ion Ratio Lower Upper
88 100
43 31.0 33.6 50.4
58 74.6 58.8 88.2

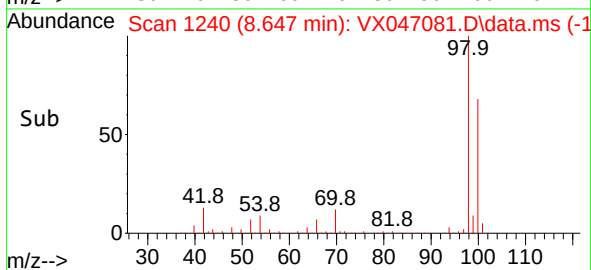
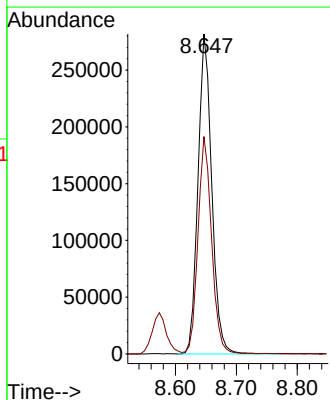
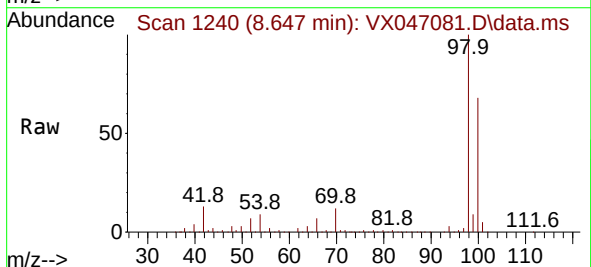
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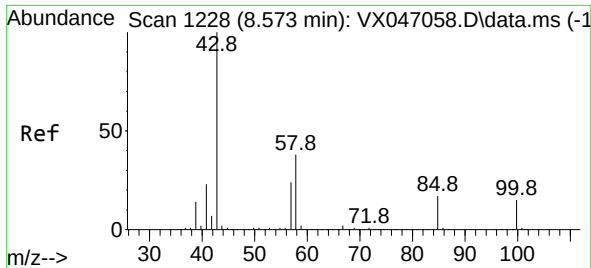
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#50
Toluene-d8
Concen: 43.611 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

Tgt Ion: 98 Resp: 442989
Ion Ratio Lower Upper
98 100
100 67.0 53.3 79.9





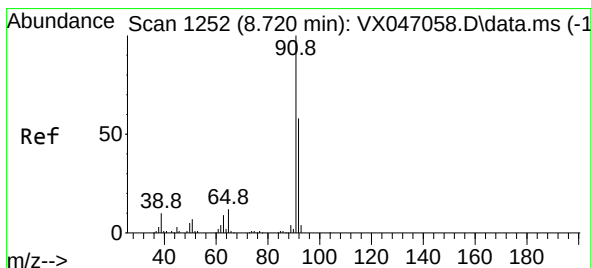
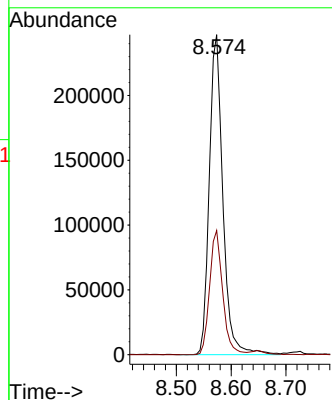
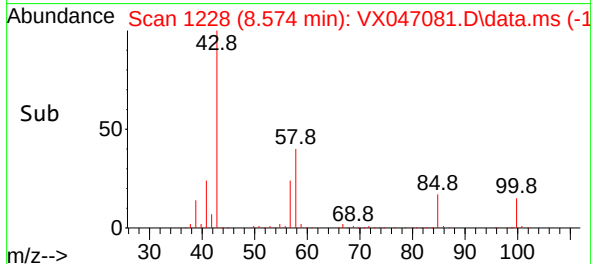
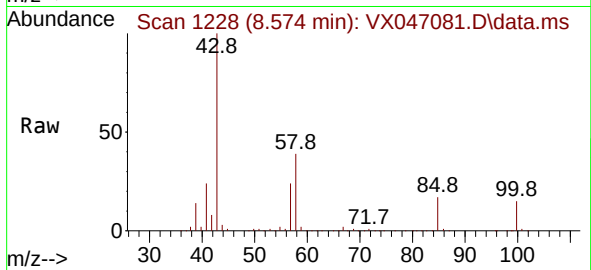
#51
4-Methyl-2-Pentanone
Concen: 92.594 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0723MBS01

Tgt Ion: 43 Resp: 422709
Ion Ratio Lower Upper
43 100
58 37.4 30.6 45.8

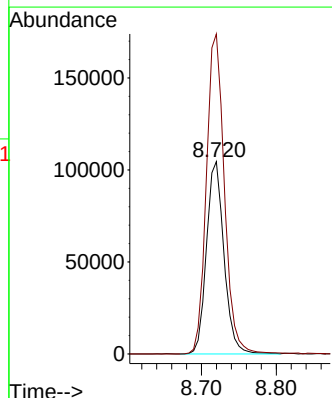
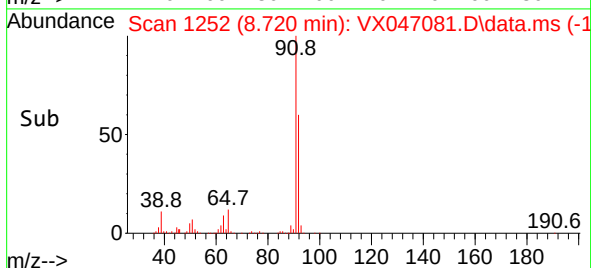
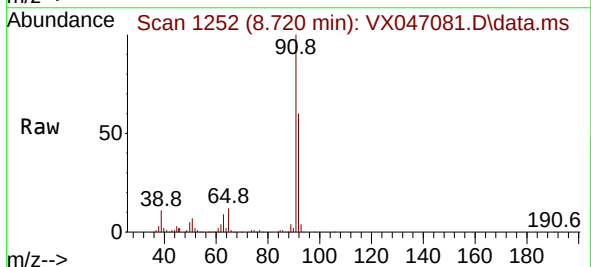
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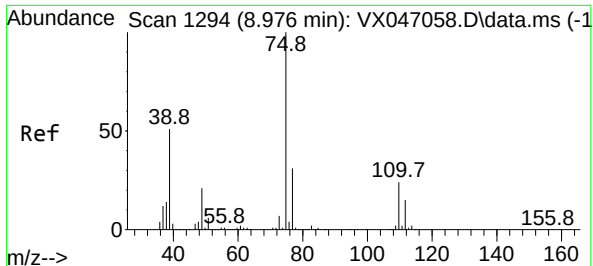
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#52
Toluene
Concen: 17.914 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

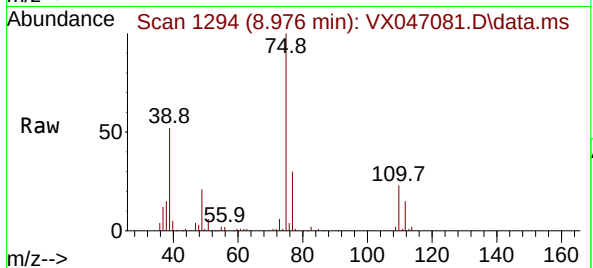
Tgt Ion: 92 Resp: 170435
Ion Ratio Lower Upper
92 100
91 171.2 137.9 206.9





#53
t-1,3-Dichloropropene
Concen: 17.758 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

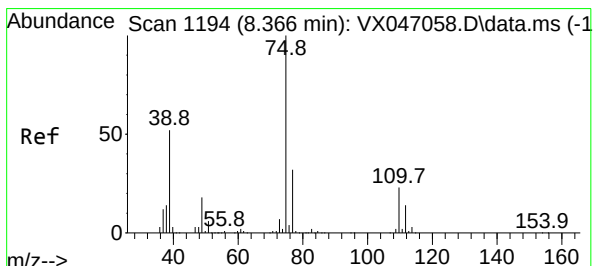
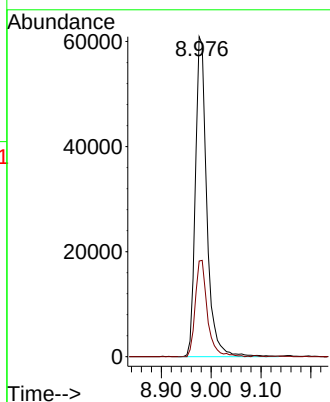
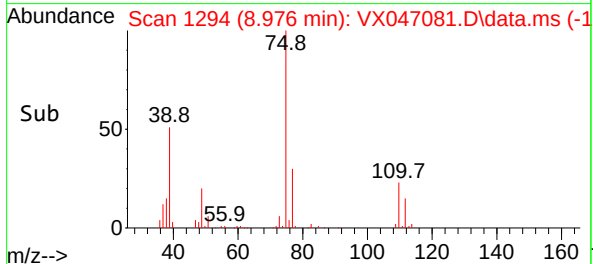
Instrument :
MSVOA_X
ClientSampleId :
VX0723MBS01



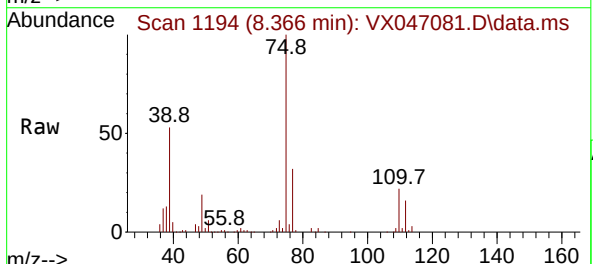
Tgt Ion: 75 Resp: 97000
Ion Ratio Lower Upper
75 100
77 29.9 24.5 36.7

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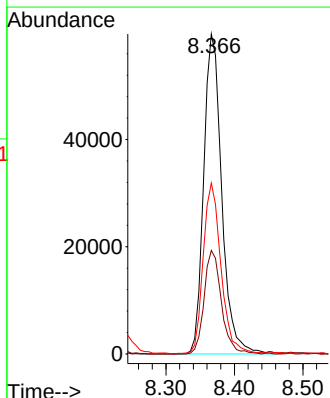
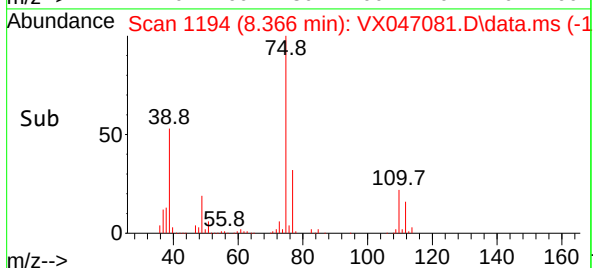
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

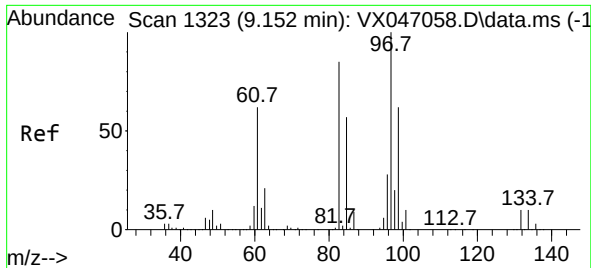


#54
cis-1,3-Dichloropropene
Concen: 18.317 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41



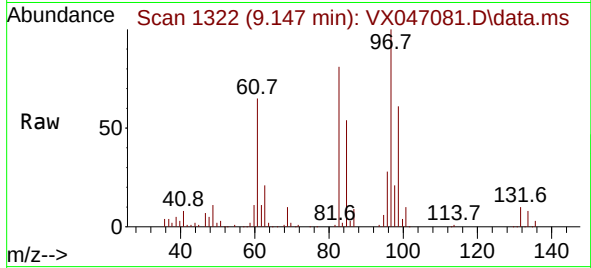
Tgt Ion: 75 Resp: 109509
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.0
39 53.2 41.8 62.6





#55
1,1,2-Trichloroethane
Concen: 18.512 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.006 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

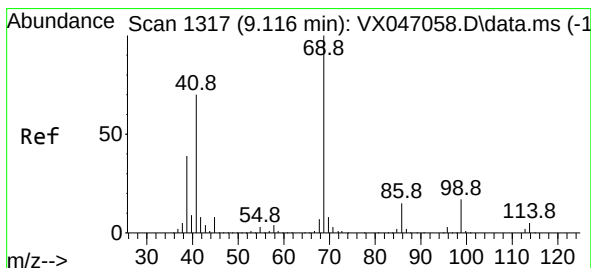
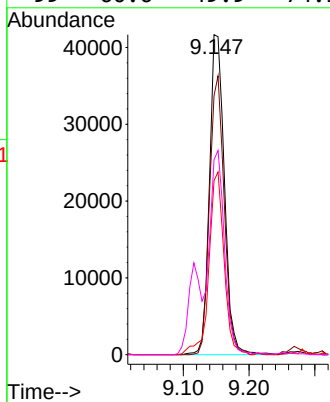
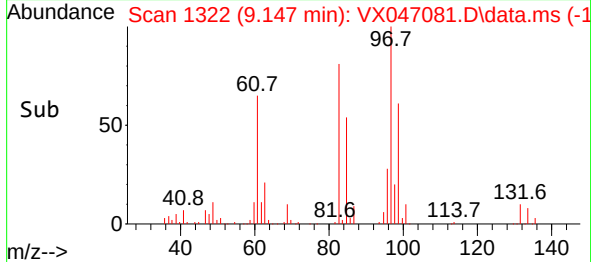
Instrument :
MSVOA_X
ClientSampleId :
VX0723MBS01



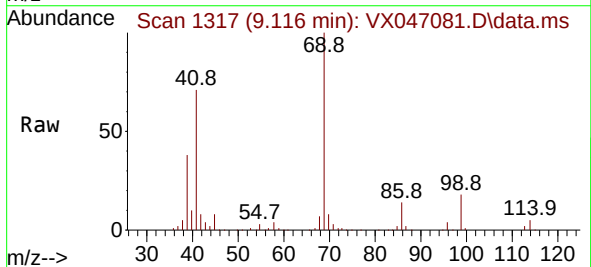
Tgt Ion: 97 Resp: 66050
Ion Ratio Lower Upper
97 100
83 82.6 68.0 102.0
85 54.2 45.2 67.8
99 60.6 49.9 74.9

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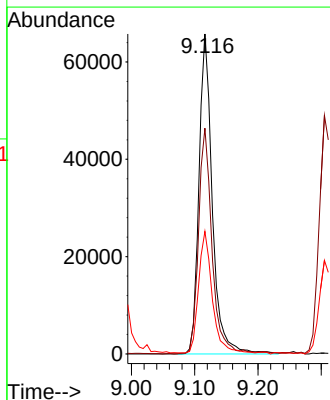
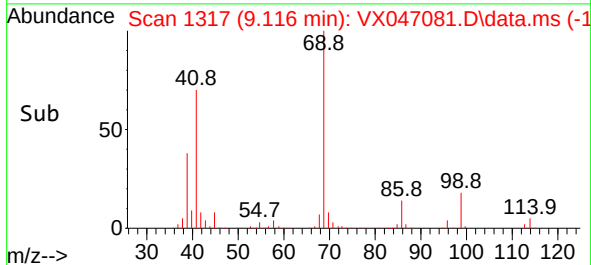
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

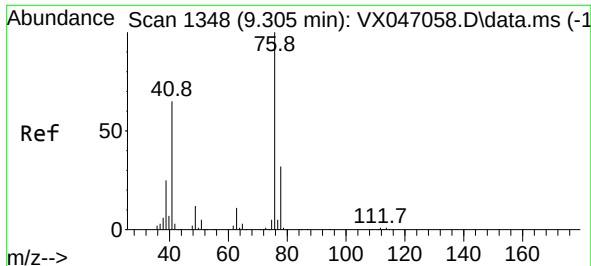


#56
Ethyl methacrylate
Concen: 18.355 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41



Tgt Ion: 69 Resp: 96956
Ion Ratio Lower Upper
69 100
41 71.5 56.1 84.1
39 38.5 31.1 46.7





#57

1,3-Dichloropropane

Concen: 18.263 ug/l

RT: 9.305 min Scan# 113249

Delta R.T. 0.000 min

Lab File: VX047081.D

Acq: 23 Jul 2025 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0723MBS01

Tgt Ion: 76 Resp: 113249

Ion Ratio Lower Upper

76 100

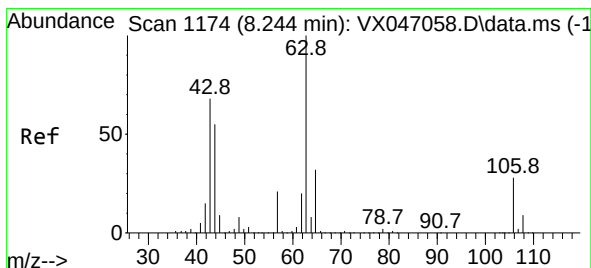
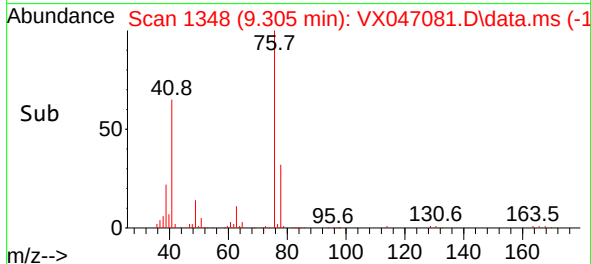
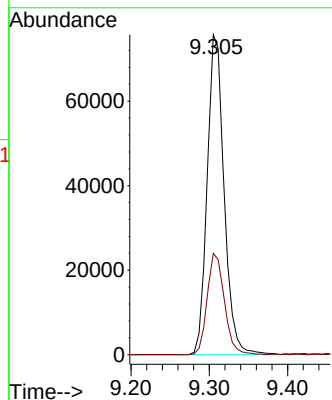
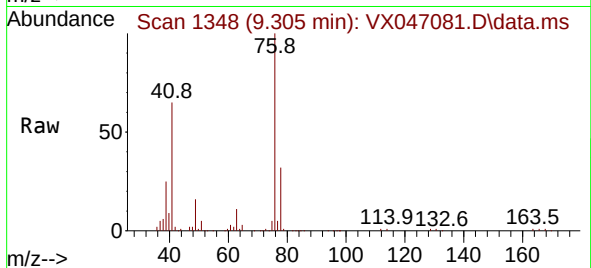
78 32.2 25.5 38.3

Manual Integrations

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Reviewed By :John Carlone 07/24/2025

Supervised By :Mahesh Dadoda 07/24/2025



#58

2-Chloroethyl Vinyl ether

Concen: 92.800 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX047081.D

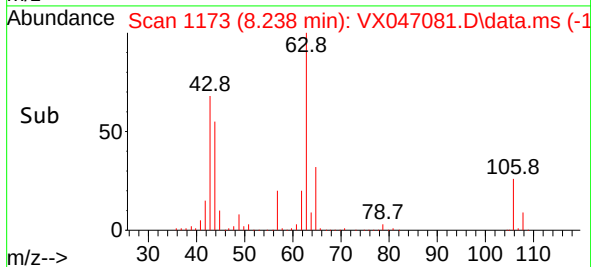
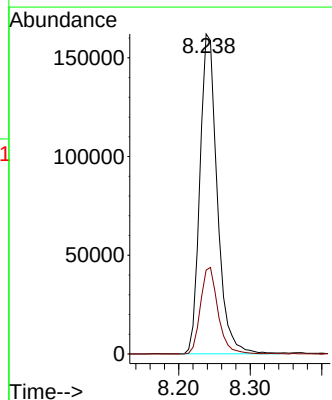
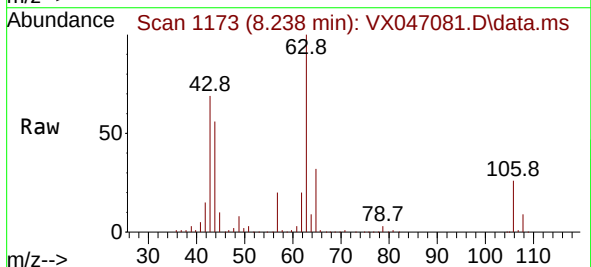
Acq: 23 Jul 2025 11:41

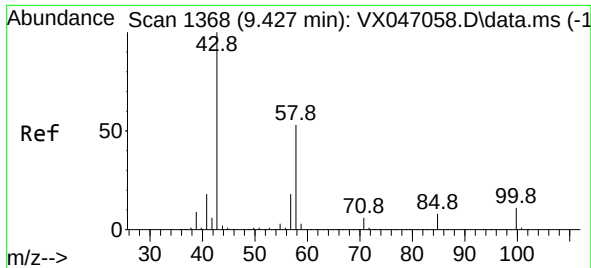
Tgt Ion: 63 Resp: 272772

Ion Ratio Lower Upper

63 100

106 27.3 22.2 33.4





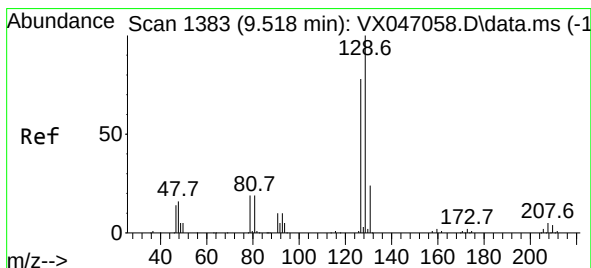
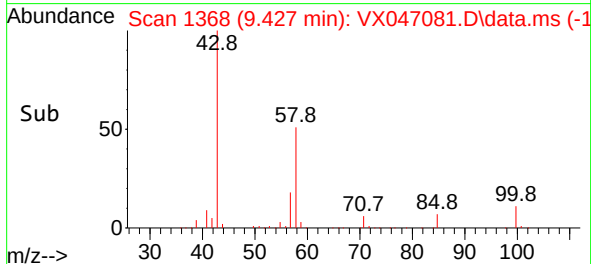
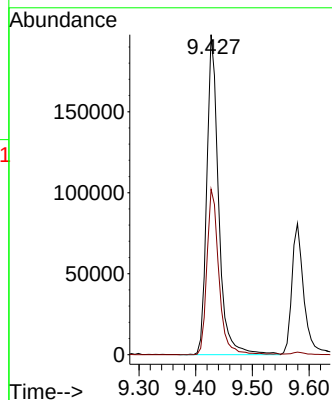
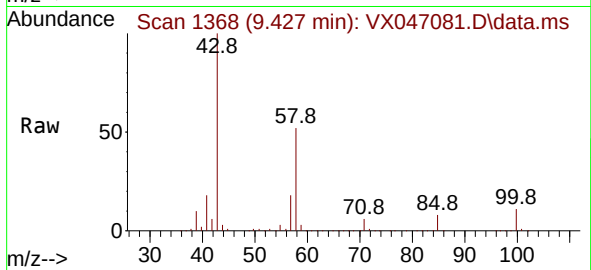
#59
2-Hexanone
Concen: 95.046 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0723MBS01

Tgt Ion: 43 Resp: 286672
Ion Ratio Lower Upper
43 100
58 52.3 26.5 79.5

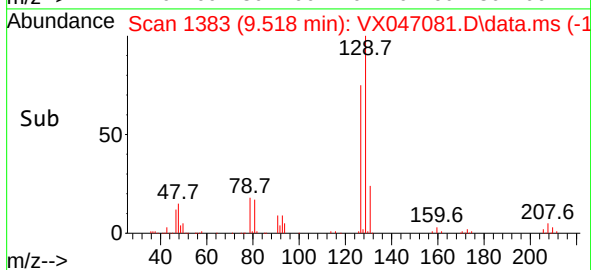
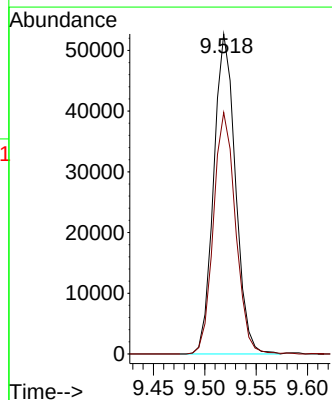
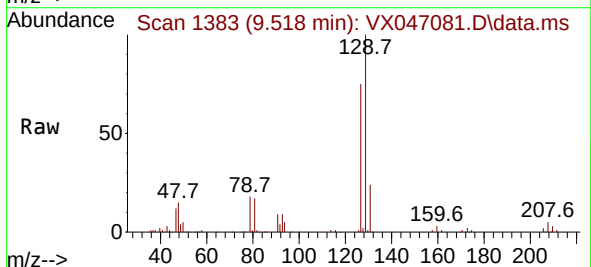
Manual Integrations
APPROVED

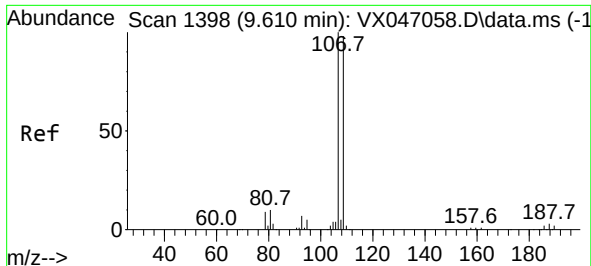
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#60
Dibromochloromethane
Concen: 18.467 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

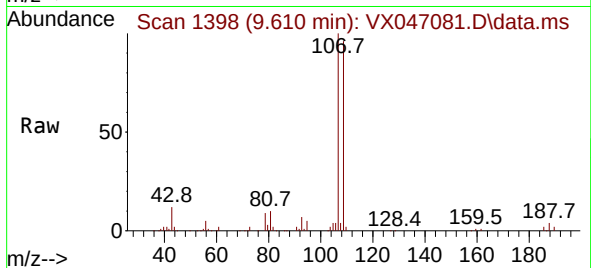
Tgt Ion:129 Resp: 77276
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.8





#61
1,2-Dibromoethane
Concen: 18.125 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

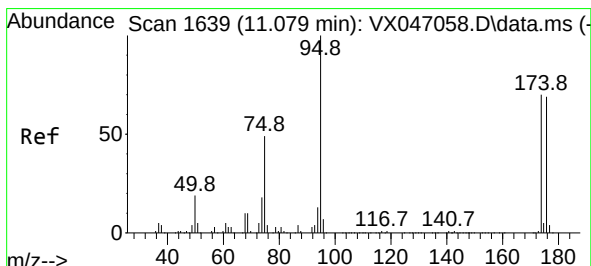
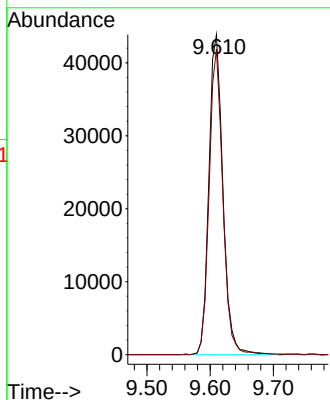
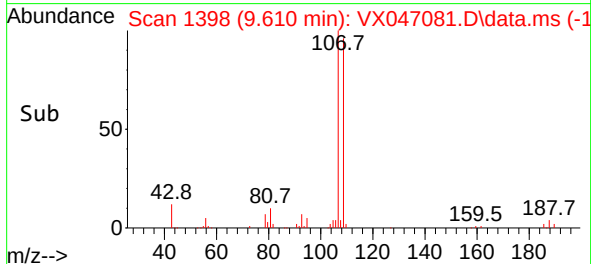
Instrument :
MSVOA_X
ClientSampleId :
VX0723MBS01



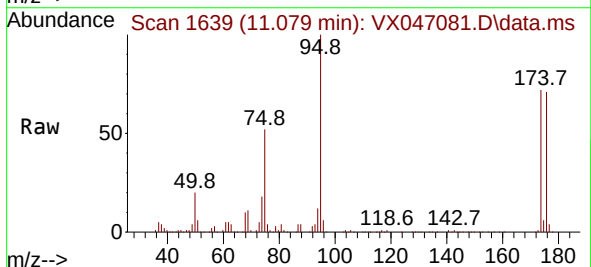
Tgt Ion:107 Resp: 67620
Ion Ratio Lower Upper
107 100
109 93.5 74.6 112.0

Manual Integrations
APPROVED

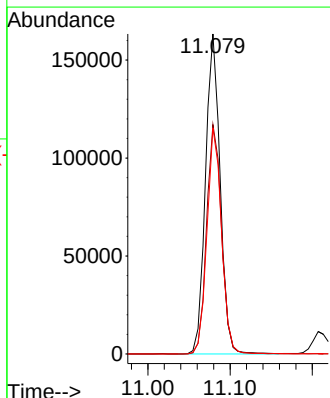
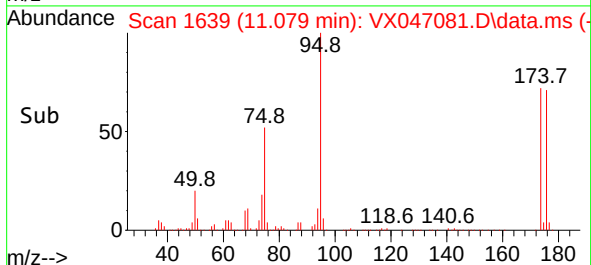
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

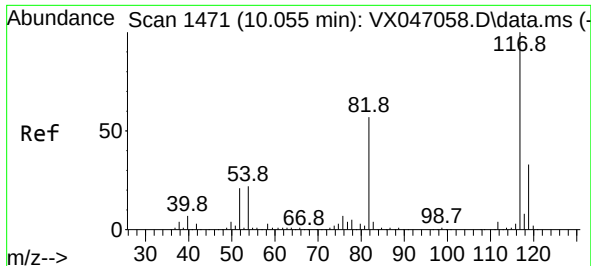


#62
4-Bromofluorobenzene
Concen: 46.183 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41



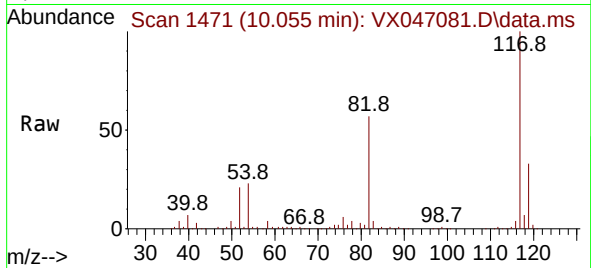
Tgt Ion: 95 Resp: 202162
Ion Ratio Lower Upper
95 100
174 73.2 0.0 144.6
176 70.4 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

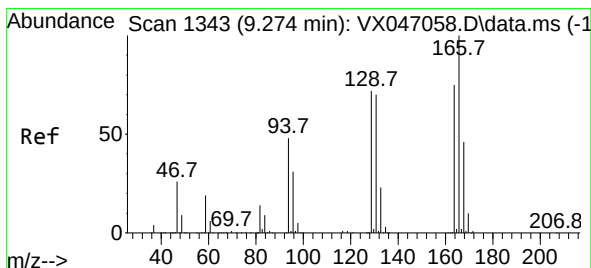
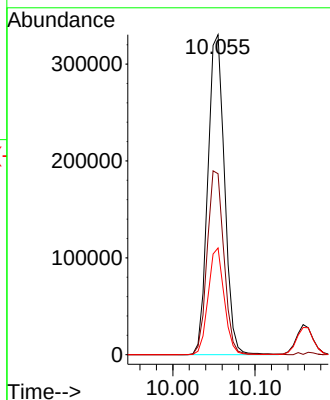
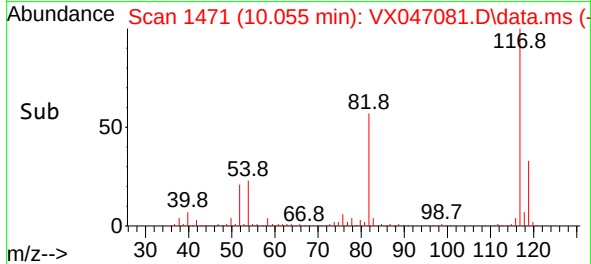
Instrument :
MSVOA_X
ClientSampleId :
VX0723MBS01



Tgt Ion:117 Resp: 465640
Ion Ratio Lower Upper
117 100
82 56.5 45.4 68.2
119 33.3 26.1 39.1

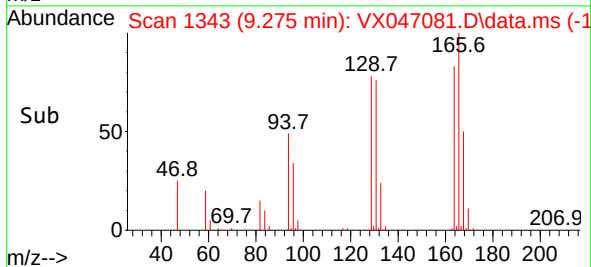
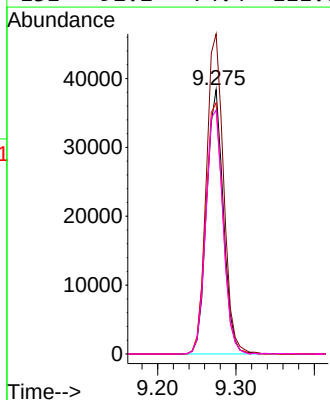
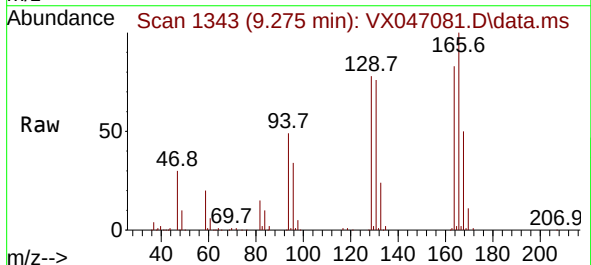
Manual Integrations
APPROVED

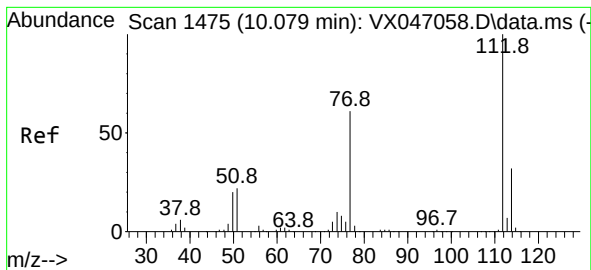
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#64
Tetrachloroethene
Concen: 16.921 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

Tgt Ion:164 Resp: 56800
Ion Ratio Lower Upper
164 100
166 121.1 106.2 159.4
129 94.9 76.6 114.8
131 92.2 74.4 111.6





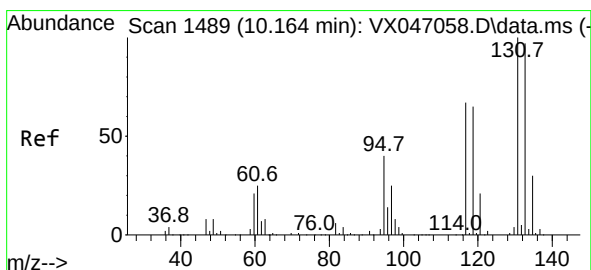
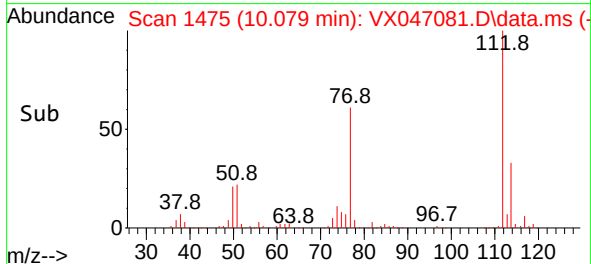
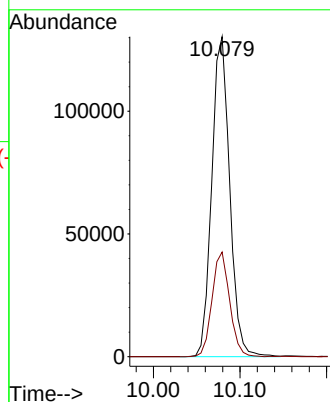
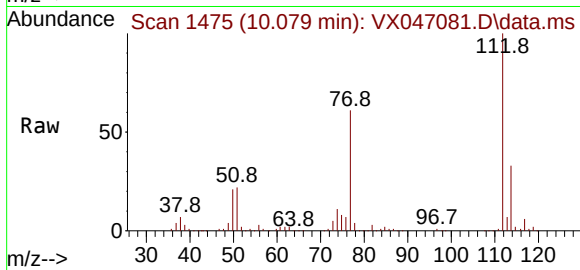
#65
Chlorobenzene
Concen: 17.210 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0723MBS01

Tgt Ion:112 Resp: 187732
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.6

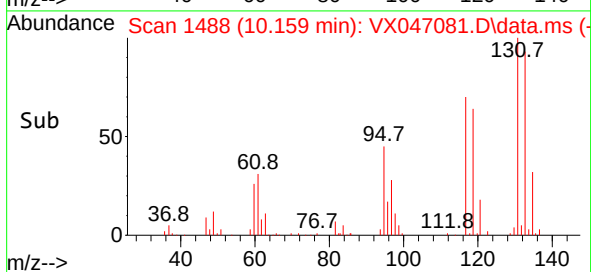
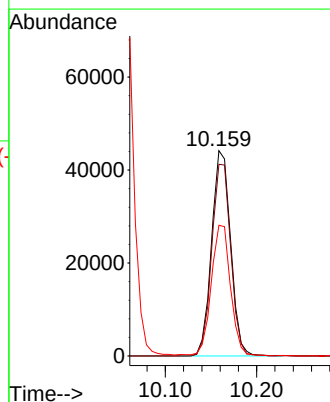
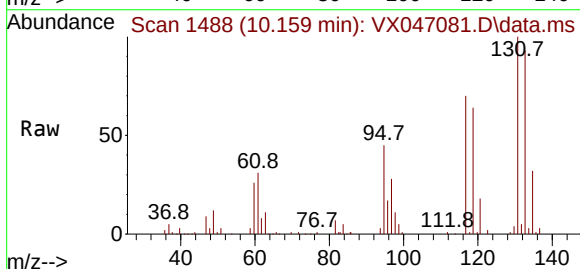
Manual Integrations
APPROVED

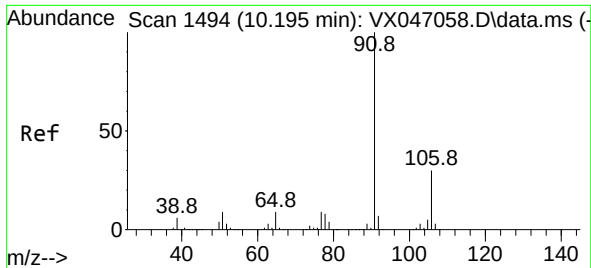
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 17.359 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

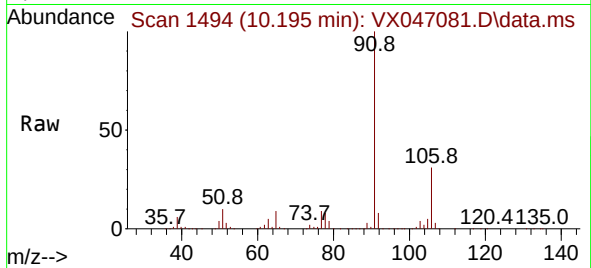
Tgt Ion:131 Resp: 63753
Ion Ratio Lower Upper
131 100
133 93.3 48.4 145.3
119 64.6 32.4 97.0





#67
Ethyl Benzene
Concen: 17.071 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

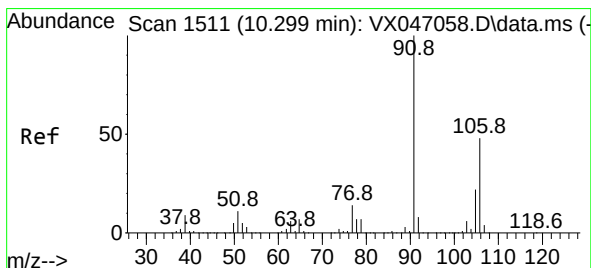
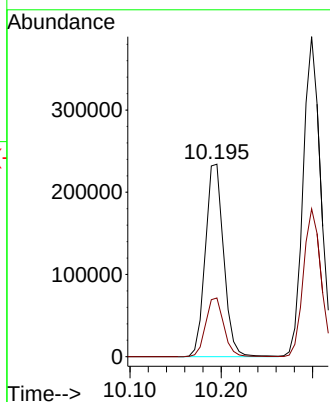
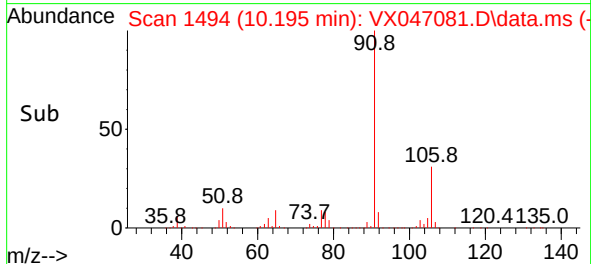
Instrument :
MSVOA_X
ClientSampleId :
VX0723MBS01



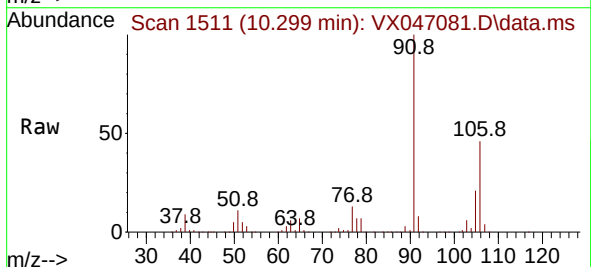
Tgt Ion: 91 Resp: 325594
Ion Ratio Lower Upper
91 100
106 30.5 24.2 36.4

Manual Integrations
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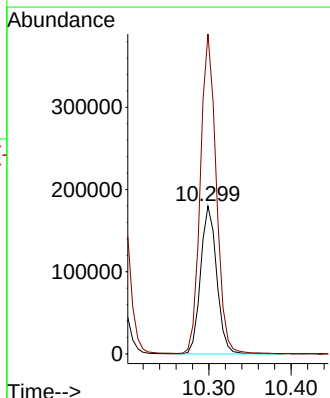
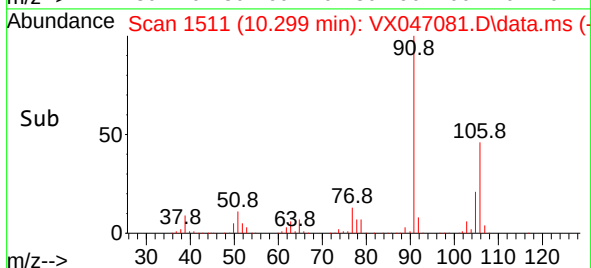
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

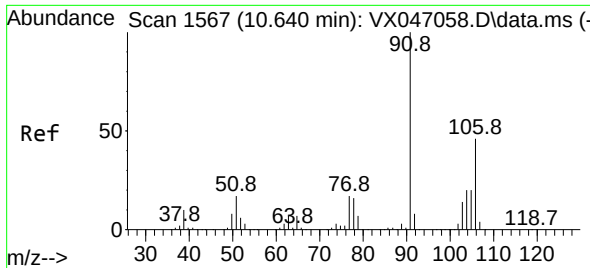


#68
m/p-Xylenes
Concen: 34.328 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41



Tgt Ion:106 Resp: 245018
Ion Ratio Lower Upper
106 100
91 213.9 167.4 251.0





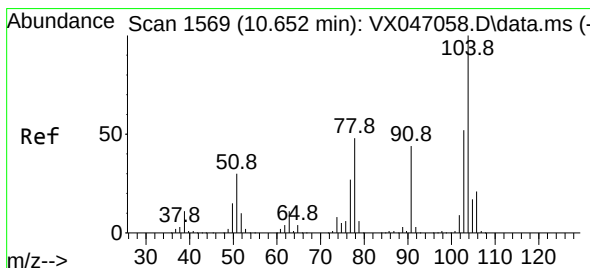
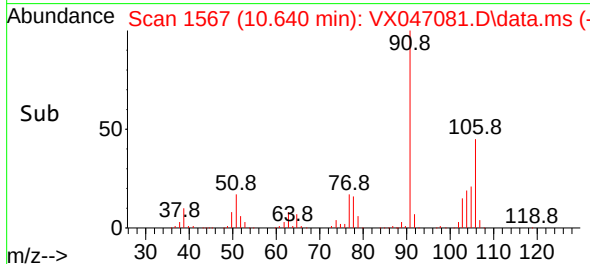
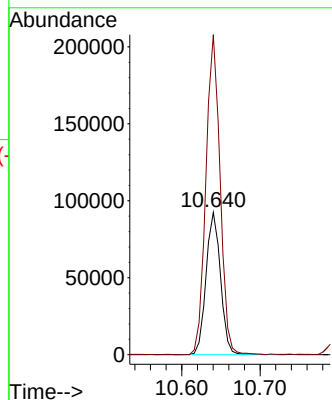
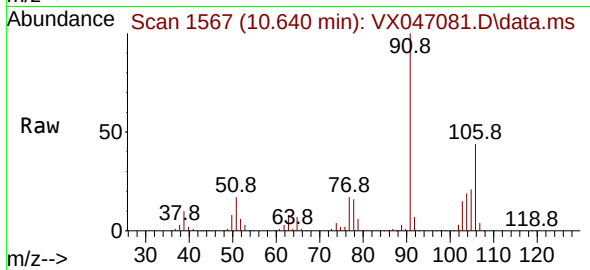
#69
o-Xylene
Concen: 17.391 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0723MBS01

Tgt Ion:106 Resp: 11808
Ion Ratio Lower Upper
106 100
91 221.5 110.3 331.0

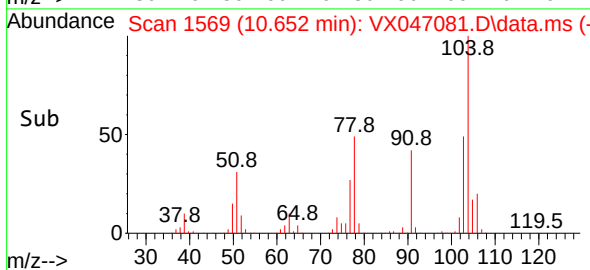
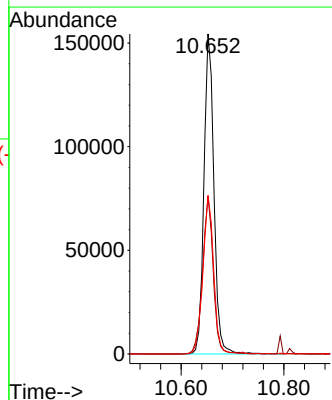
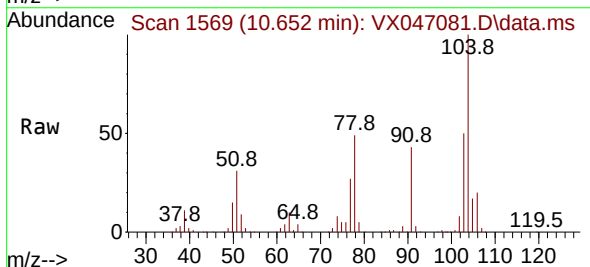
Manual Integrations
APPROVED

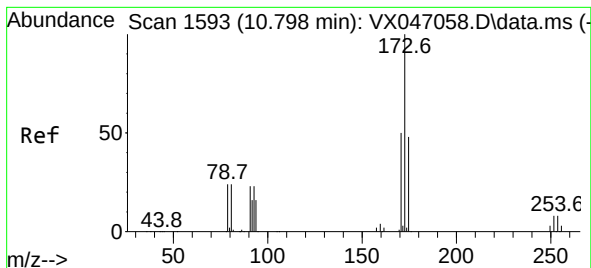
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#70
Styrene
Concen: 17.848 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

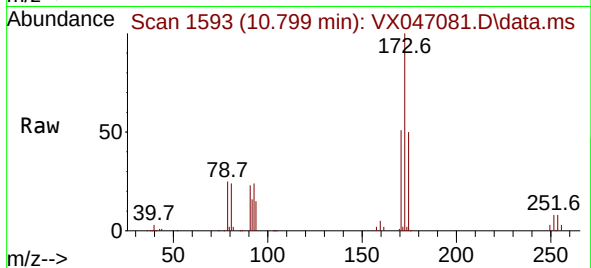
Tgt Ion:104 Resp: 207809
Ion Ratio Lower Upper
104 100
78 52.8 42.0 63.0
103 53.4 43.8 65.6





#71
Bromoform
Concen: 17.360 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

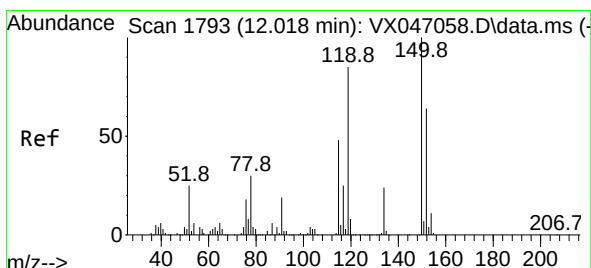
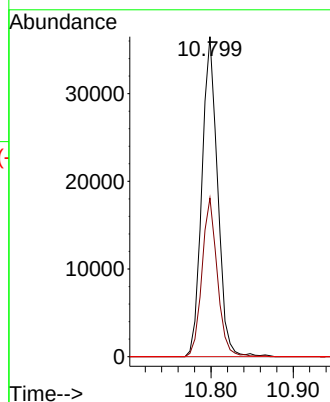
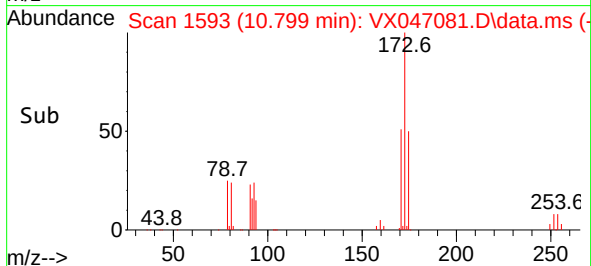
Instrument :
MSVOA_X
ClientSampleId :
VX0723MBS01



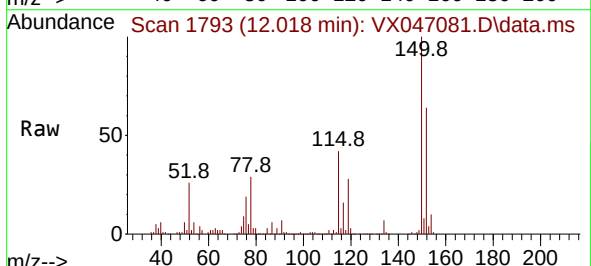
Tgt Ion:173 Resp: 48432
Ion Ratio Lower Upper
173 100
175 48.5 24.2 72.6
254 0.0 0.1 0.1

Manual Integrations
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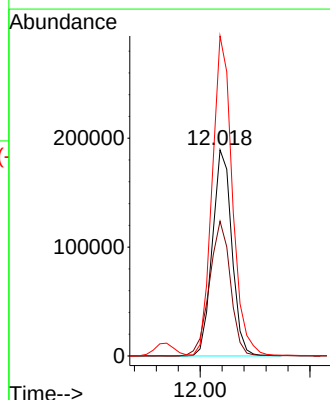
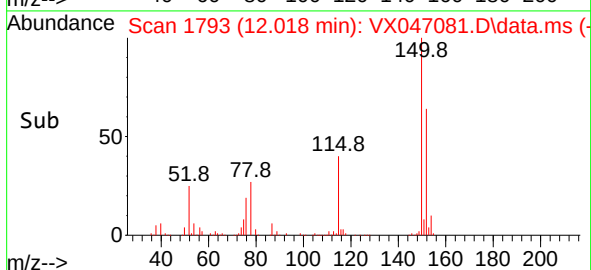
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

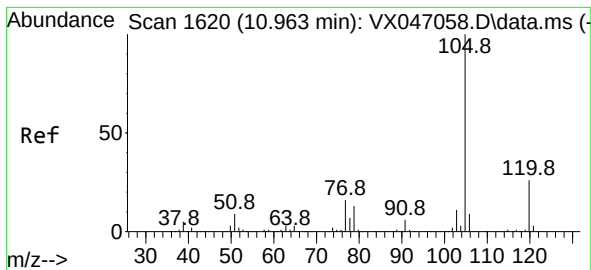


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41



Tgt Ion:152 Resp: 233272
Ion Ratio Lower Upper
152 100
115 70.5 45.6 136.7
150 160.7 0.0 354.6





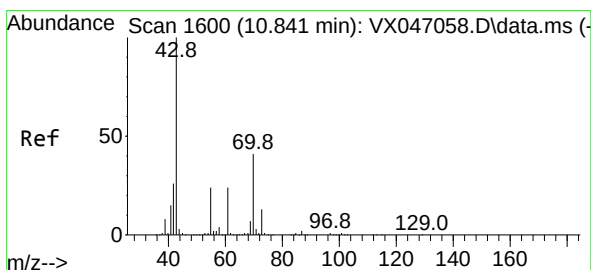
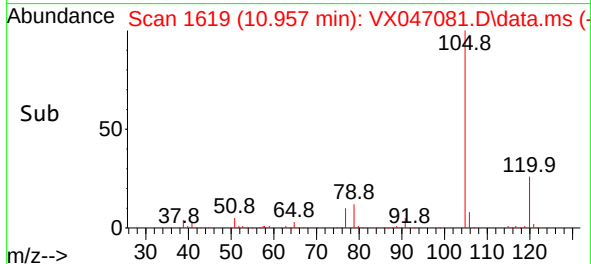
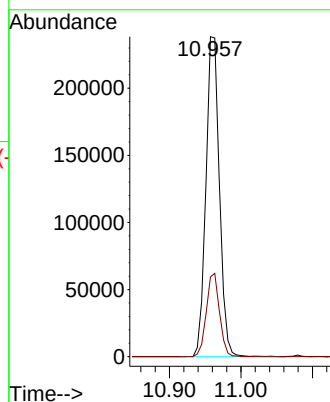
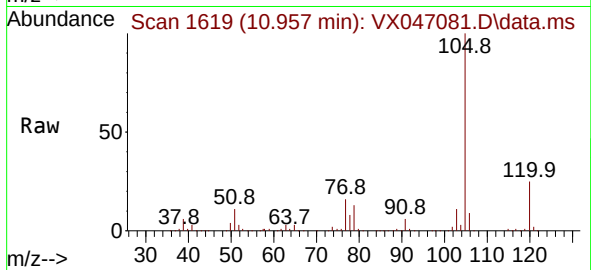
#73
Isopropylbenzene
Concen: 17.030 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0723MBS01

Tgt Ion:105 Resp: 31341
Ion Ratio Lower Upper
105 100
120 25.4 12.9 38.7

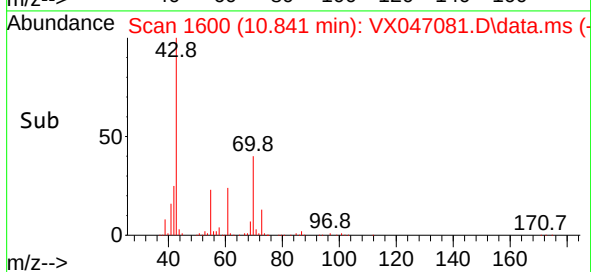
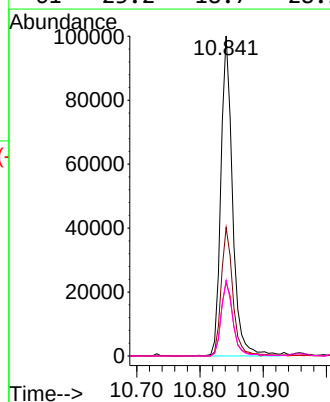
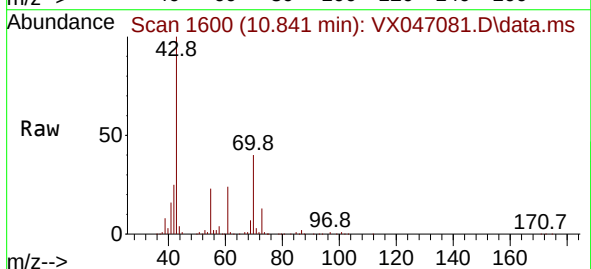
Manual Integrations
APPROVED

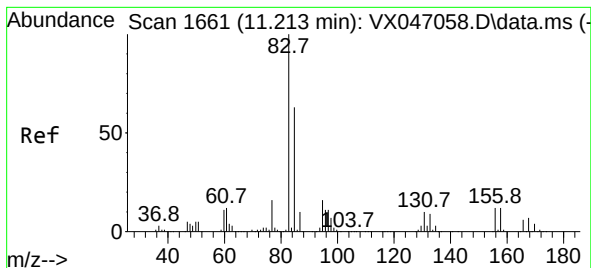
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#74
N-ethyl acetate
Concen: 17.259 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

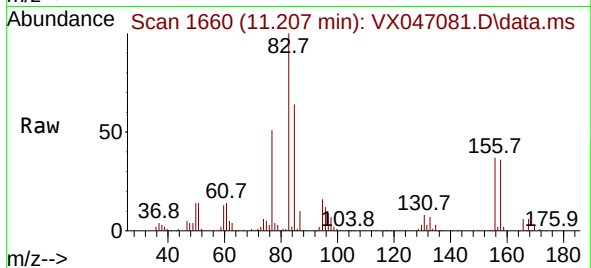
Tgt Ion: 43 Resp: 128159
Ion Ratio Lower Upper
43 100
70 39.9 32.3 48.5
55 23.5 18.9 28.3
61 23.2 18.7 28.1





#75
1,1,2,2-Tetrachloroethane
Concen: 17.737 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

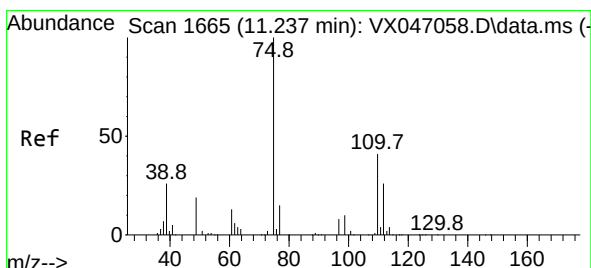
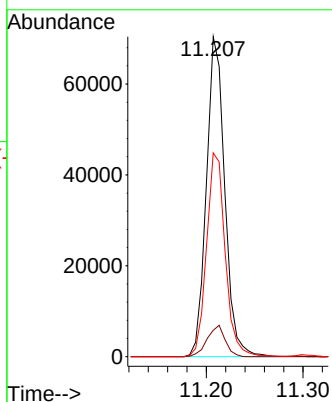
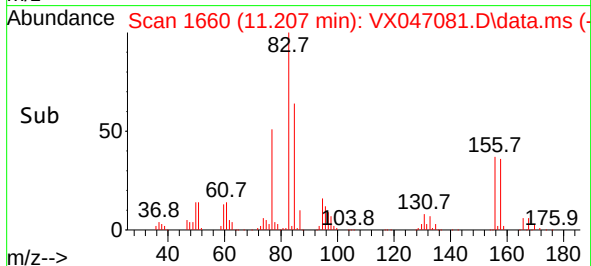
Instrument :
MSVOA_X
ClientSampleId :
VX0723MBS01



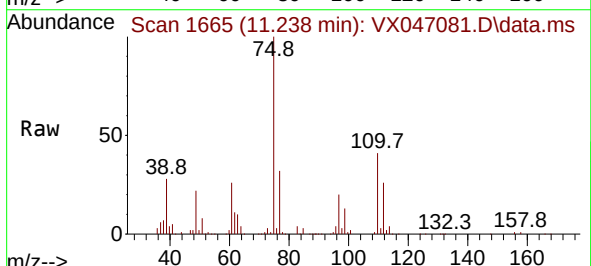
Tgt Ion: 83 Resp: 93244
Ion Ratio Lower Upper
83 100
131 9.6 5.0 14.9
85 64.6 32.0 96.2

Manual Integrations
APPROVED

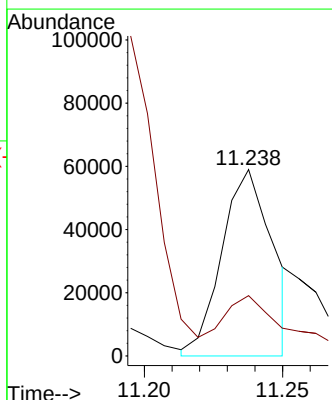
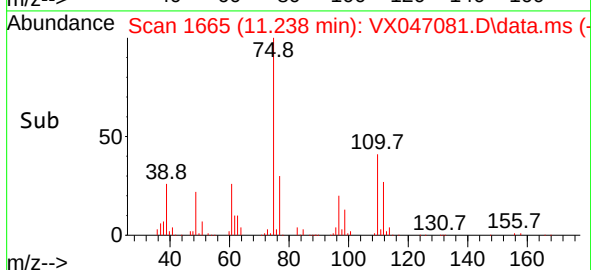
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

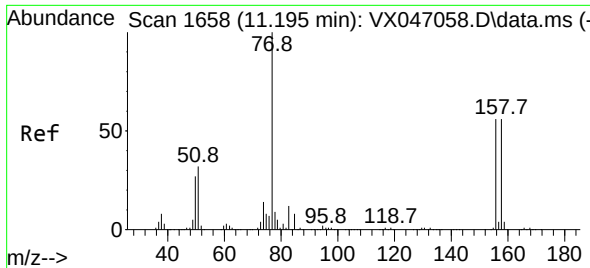


#76
1,2,3-Trichloropropane
Concen: 17.443 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41



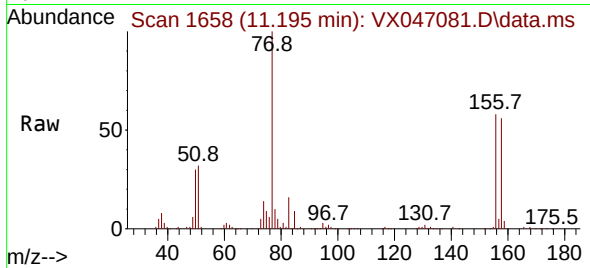
Tgt Ion: 75 Resp: 75313
Ion Ratio Lower Upper
75 100
77 42.2 21.6 65.0





#77
Bromobenzene
Concen: 17.121 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

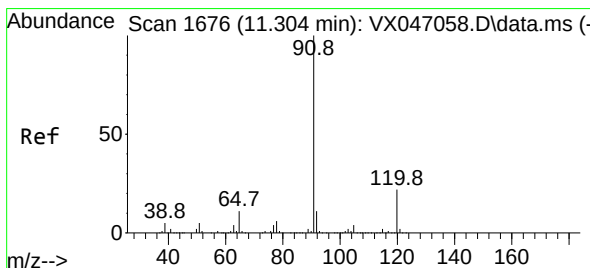
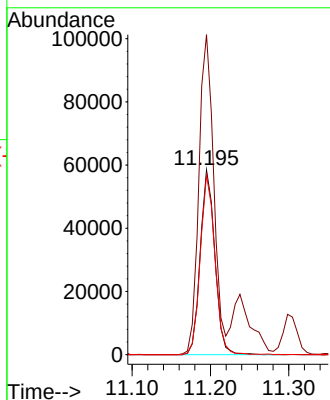
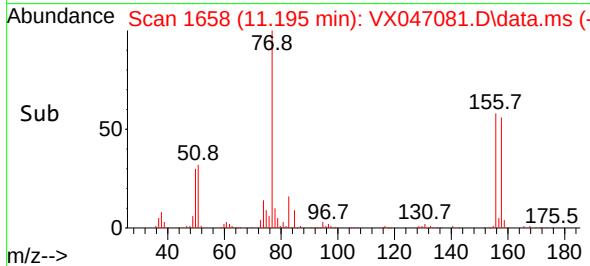
Instrument :
MSVOA_X
ClientSampleId :
VX0723MBS01



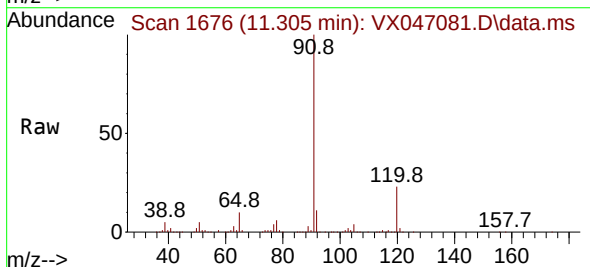
Tgt Ion:156 Resp: 75574
Ion Ratio Lower Upper
156 100
77 176.7 87.3 261.9
158 97.9 48.9 146.6

Manual Integrations
APPROVED

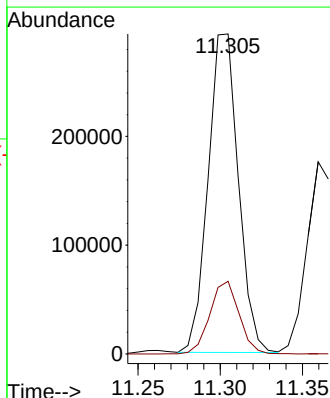
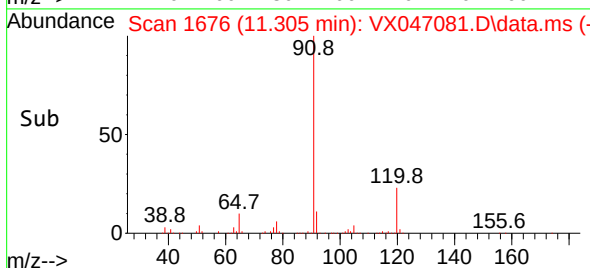
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

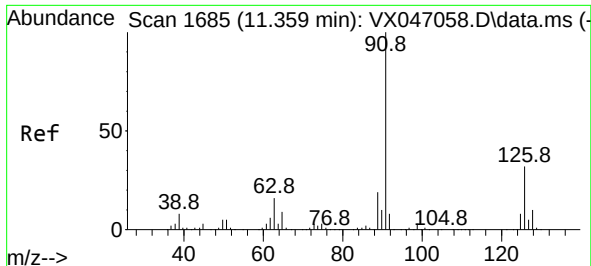


#78
n-propylbenzene
Concen: 17.054 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41



Tgt Ion: 91 Resp: 375062
Ion Ratio Lower Upper
91 100
120 22.1 11.0 33.0





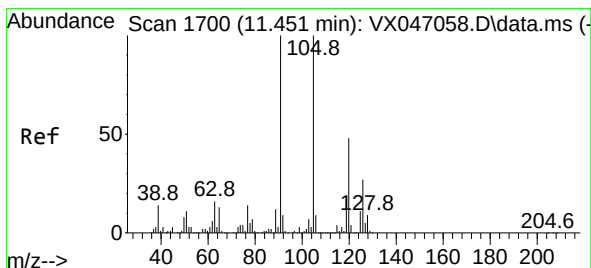
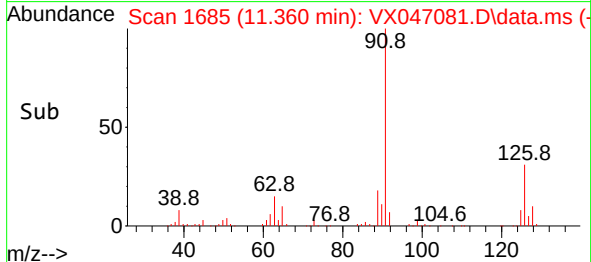
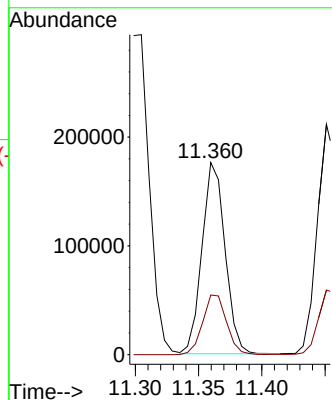
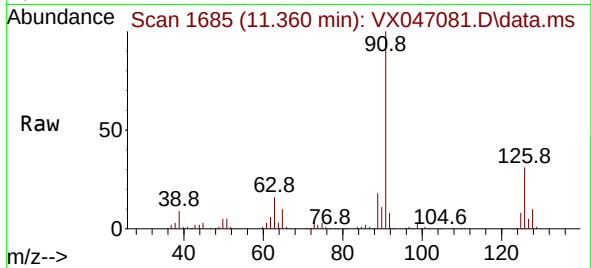
#79
2-Chlorotoluene
Concen: 16.970 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0723MBS01

Tgt Ion: 91 Resp: 223091
Ion Ratio Lower Upper
91 100
126 32.4 16.4 49.4

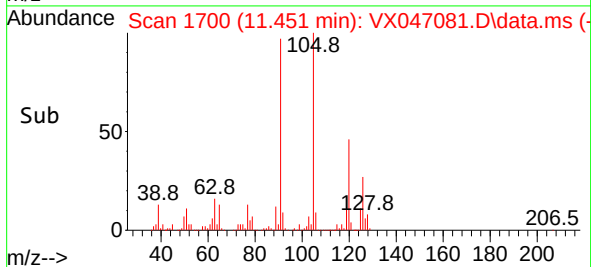
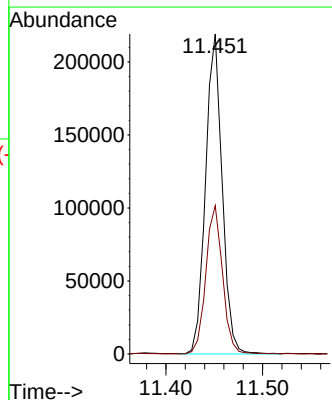
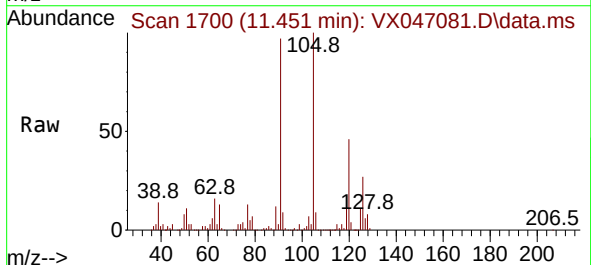
Manual Integrations
APPROVED

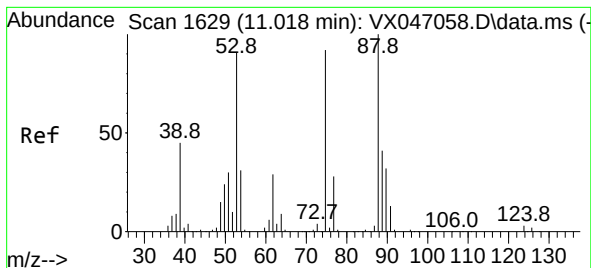
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#80
1,3,5-Trimethylbenzene
Concen: 17.241 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

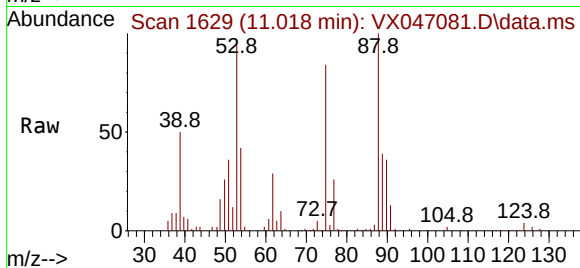
Tgt Ion:105 Resp: 262140
Ion Ratio Lower Upper
105 100
120 46.8 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 15.660 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

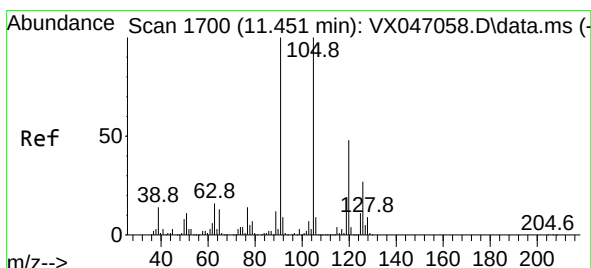
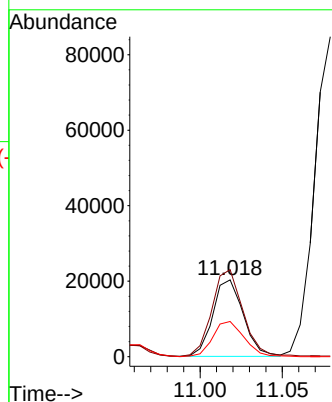
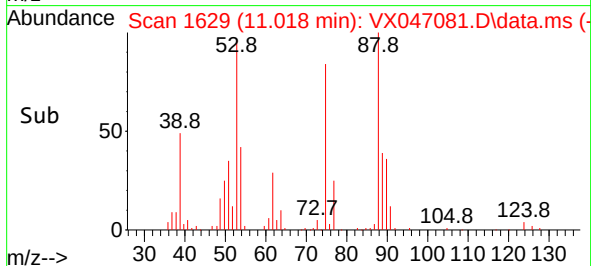
Instrument :
MSVOA_X
ClientSampleId :
VX0723MBS01



Tgt Ion: 75 Resp: 26244
Ion Ratio Lower Upper
75 100
53 117.3 84.2 126.4
89 47.3 36.0 54.0

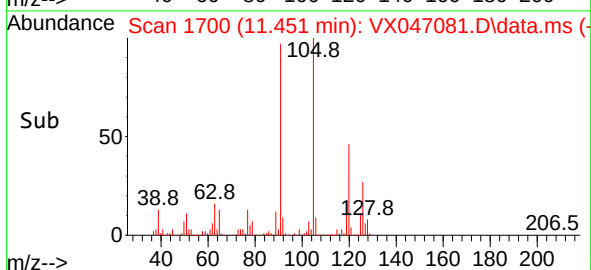
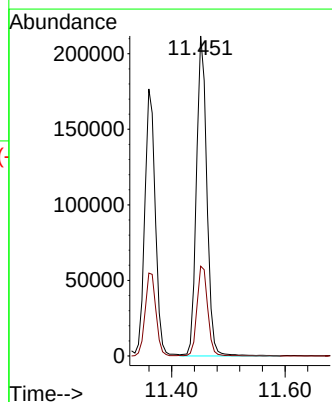
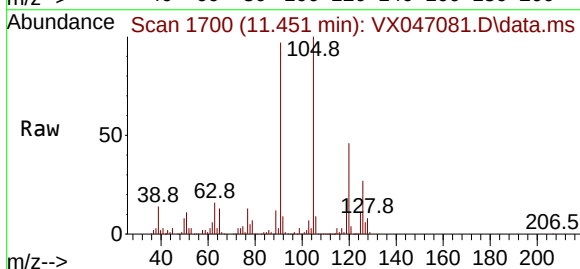
Manual Integrations
APPROVED

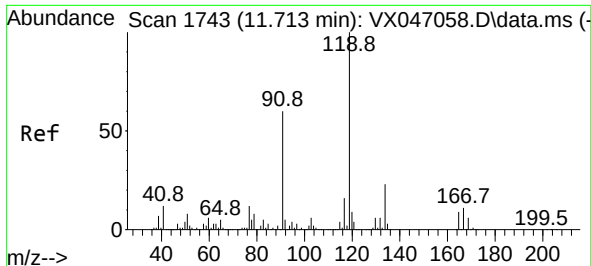
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#82
4-Chlorotoluene
Concen: 17.600 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

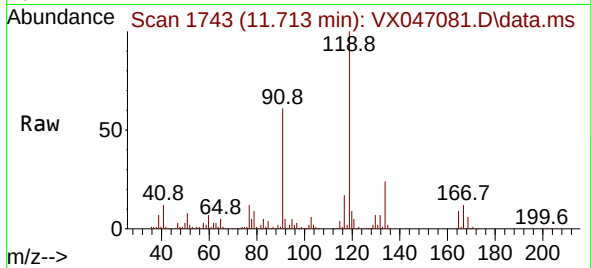
Tgt Ion: 91 Resp: 270068
Ion Ratio Lower Upper
91 100
126 28.9 14.1 42.3





#83
tert-Butylbenzene
Concen: 17.140 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

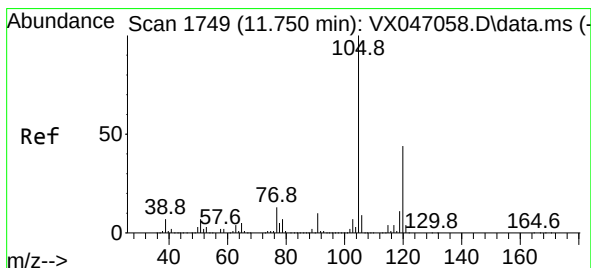
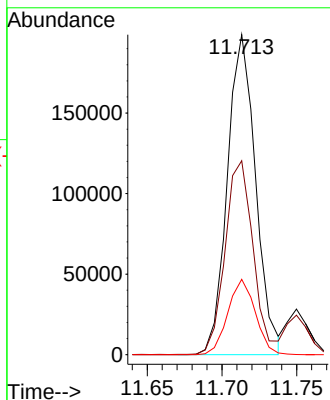
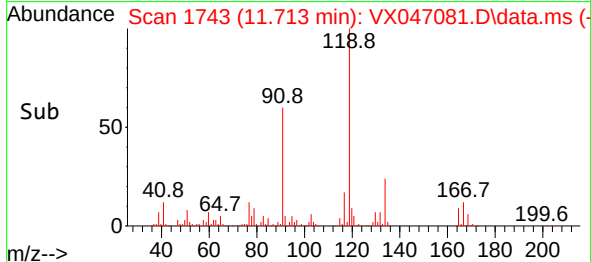
Instrument :
MSVOA_X
ClientSampleId :
VX0723MBS01



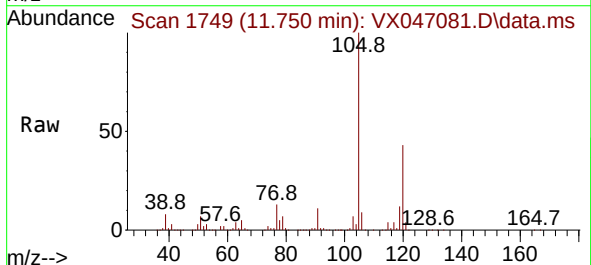
Tgt Ion:119 Resp: 261569
Ion Ratio Lower Upper
119 100
91 60.3 29.6 88.8
134 22.9 11.4 34.1

Manual Integrations
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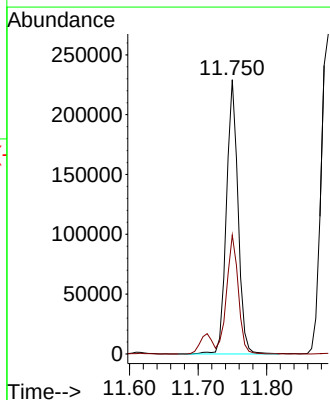
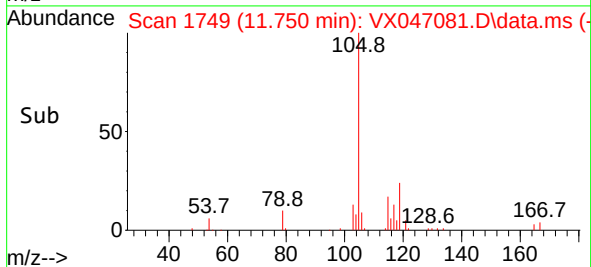
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

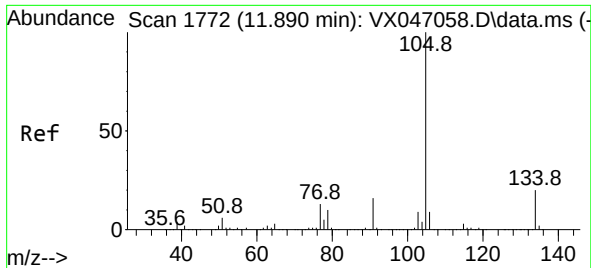


#84
1,2,4-Trimethylbenzene
Concen: 17.685 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41



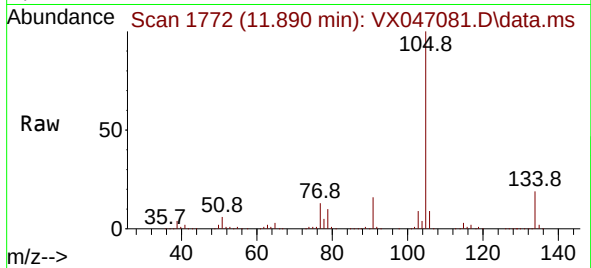
Tgt Ion:105 Resp: 268194
Ion Ratio Lower Upper
105 100
120 43.5 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 17.117 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047081.D
 Acq: 23 Jul 2025 11:41

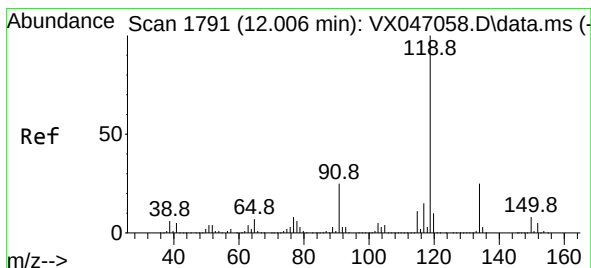
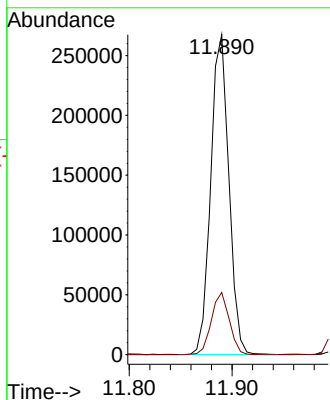
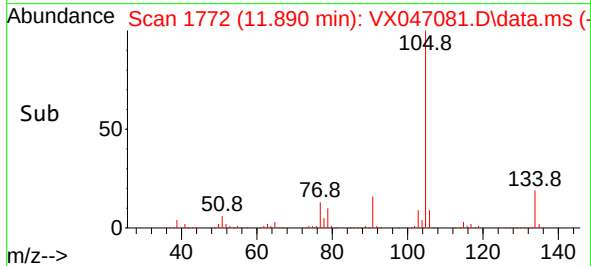
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723MBS01



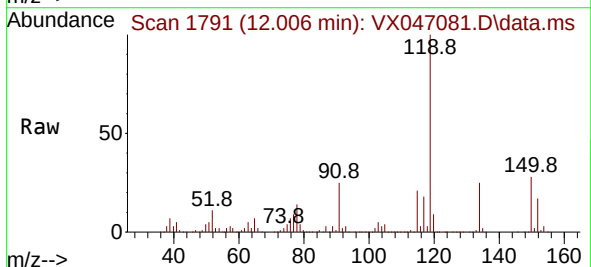
Tgt Ion:105 Resp: 326372
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.9 29.7

Manual Integrations
 APPROVED

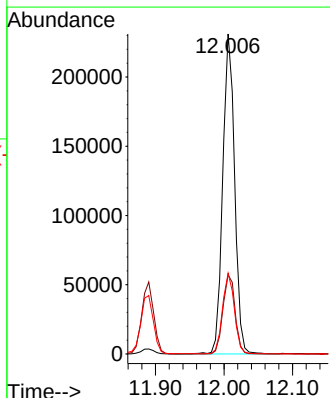
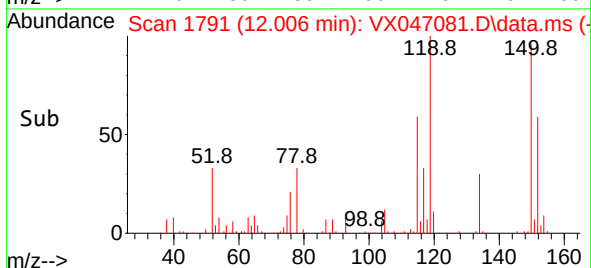
Reviewed By :John Carlone 07/24/2025
 Supervised By :Mahesh Dadoda 07/24/2025

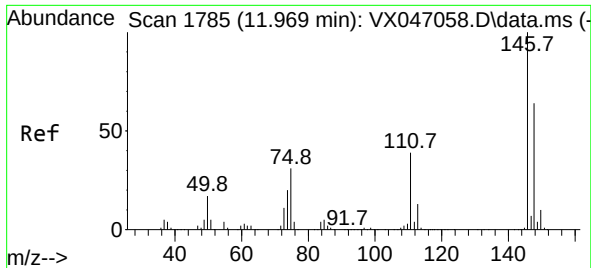


#86
 p-Isopropyltoluene
 Concen: 17.481 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047081.D
 Acq: 23 Jul 2025 11:41



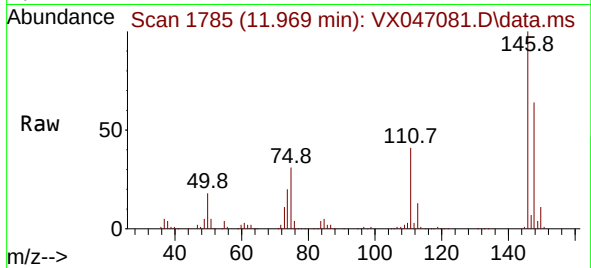
Tgt Ion:119 Resp: 276404
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.4
 91 25.2 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 17.043 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

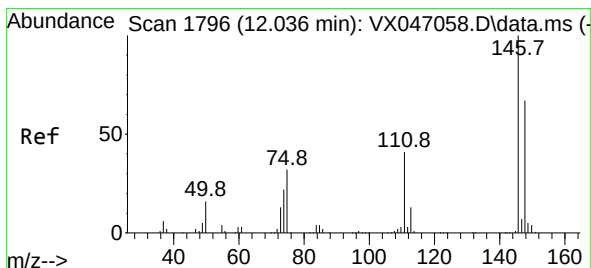
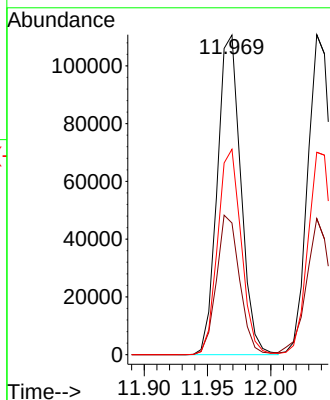
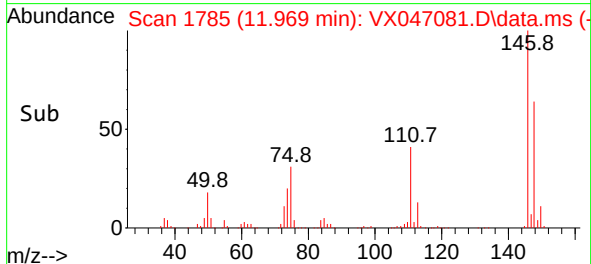
Instrument :
MSVOA_X
ClientSampleId :
VX0723MBS01



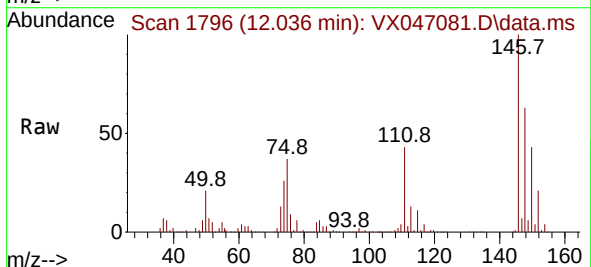
Tgt Ion:146 Resp: 14294
Ion Ratio Lower Upper
146 100
111 43.0 21.0 63.0
148 64.4 32.0 96.0

Manual Integrations
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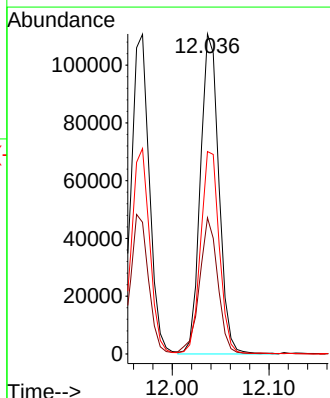
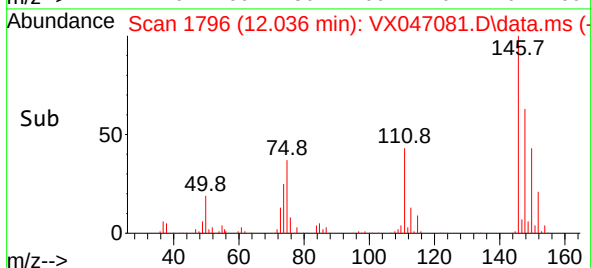
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

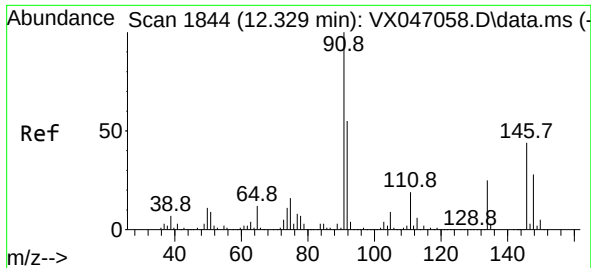


#88
1,4-Dichlorobenzene
Concen: 17.331 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41



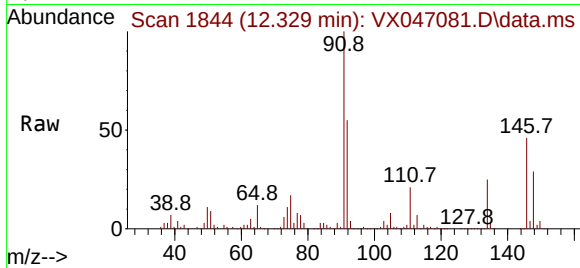
Tgt Ion:146 Resp: 147267
Ion Ratio Lower Upper
146 100
111 42.1 20.6 61.9
148 64.0 33.0 98.9





#89
n-Butylbenzene
Concen: 17.081 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

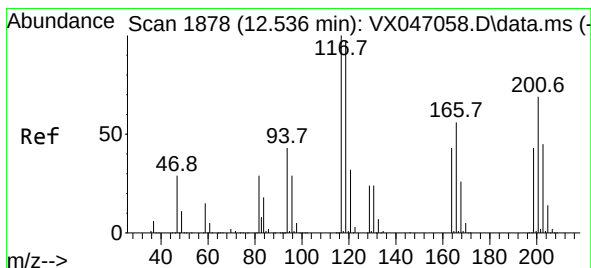
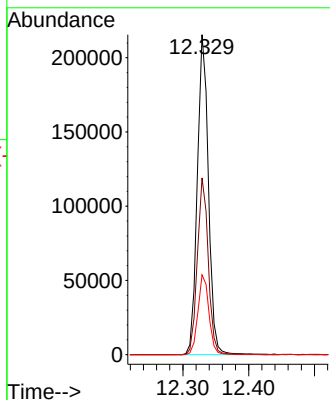
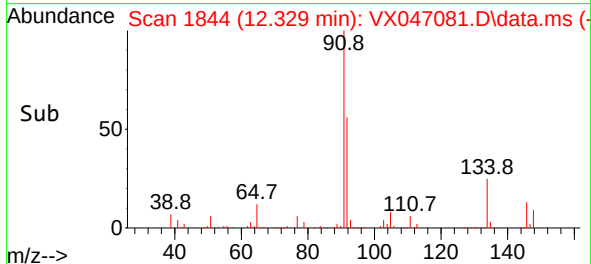
Instrument :
MSVOA_X
ClientSampleId :
VX0723MBS01



Tgt Ion: 91 Resp: 25328
Ion Ratio Lower Upper
91 100
92 54.2 27.5 82.5
134 24.8 12.8 38.3

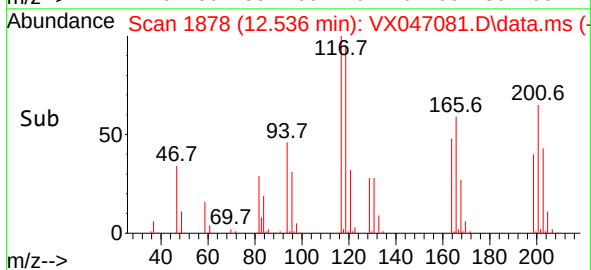
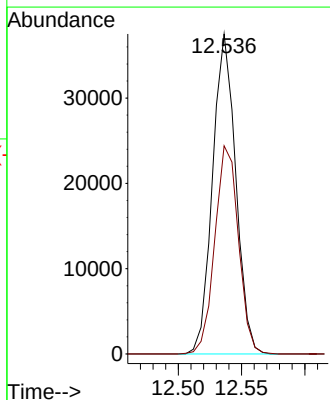
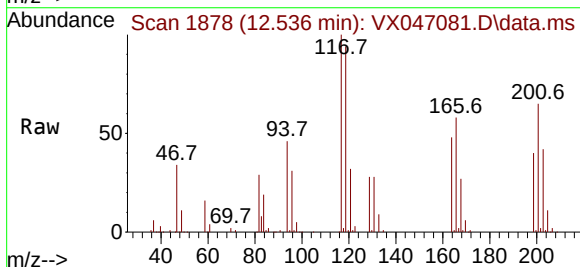
Manual Integrations
APPROVED

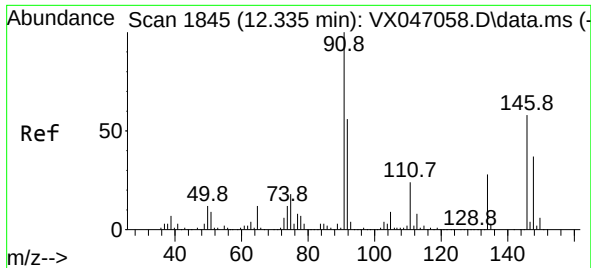
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#90
Hexachloroethane
Concen: 16.872 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

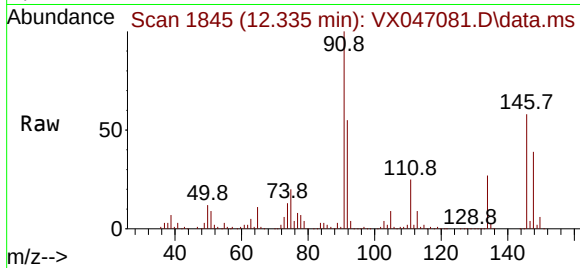
Tgt Ion:117 Resp: 47727
Ion Ratio Lower Upper
117 100
201 66.4 34.8 104.5





#91
1,2-Dichlorobenzene
Concen: 17.180 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

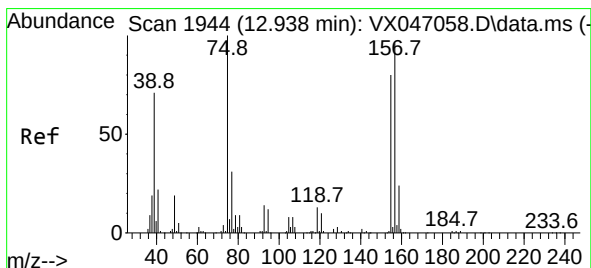
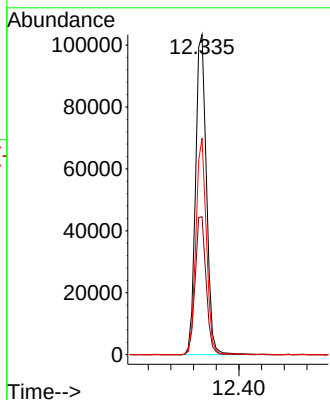
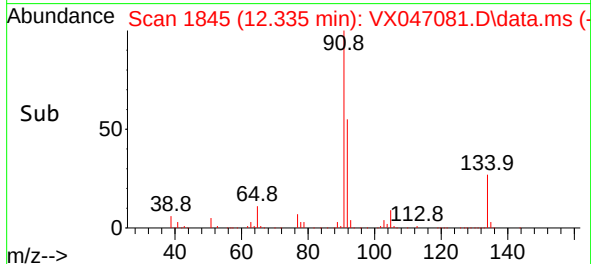
Instrument :
MSVOA_X
ClientSampleId :
VX0723MBS01



Tgt Ion:146 Resp: 137719
Ion Ratio Lower Upper
146 100
111 43.4 21.6 64.6
148 65.0 31.9 95.7

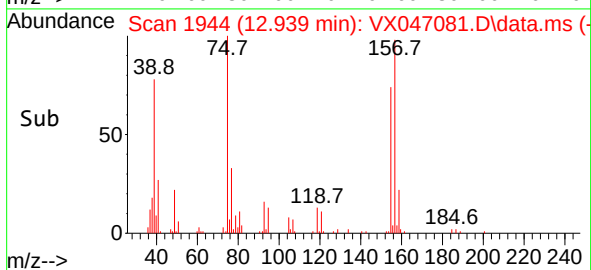
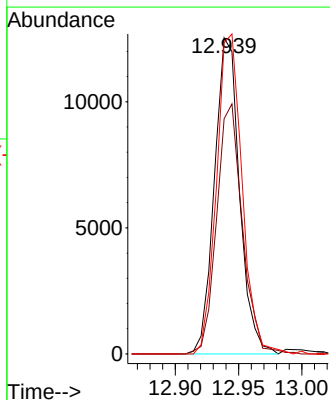
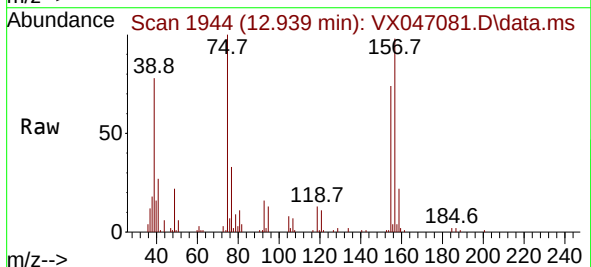
Manual Integrations
APPROVED

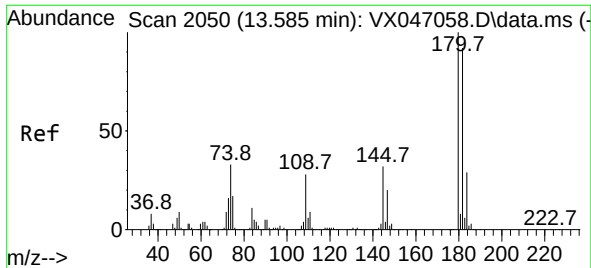
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.073 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

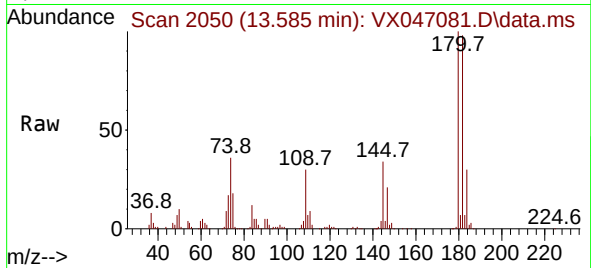
Tgt Ion: 75 Resp: 17228
Ion Ratio Lower Upper
75 100
155 81.1 41.3 124.1
157 103.4 52.8 158.3





#93
1,2,4-Trichlorobenzene
Concen: 17.364 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

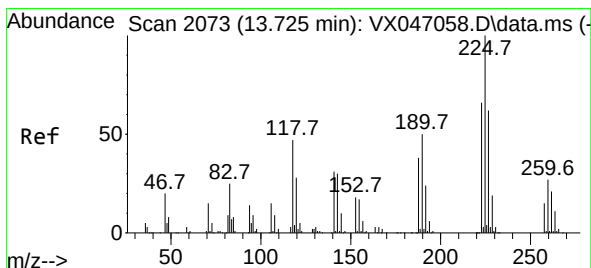
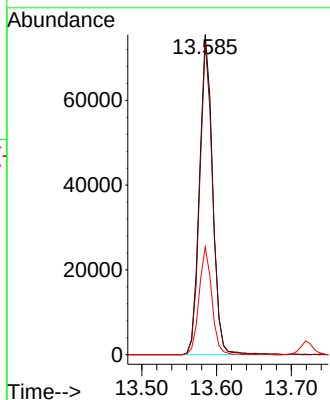
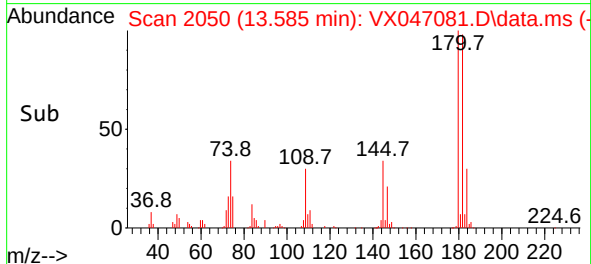
Instrument :
MSVOA_X
ClientSampleId :
VX0723MBS01



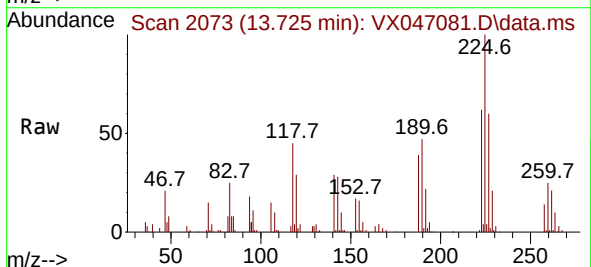
Tgt Ion:180 Resp: 9196
Ion Ratio Lower Upper
180 100
182 96.2 47.3 141.8
145 32.6 16.4 49.1

Manual Integrations
APPROVED

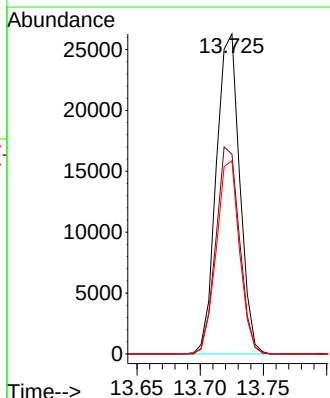
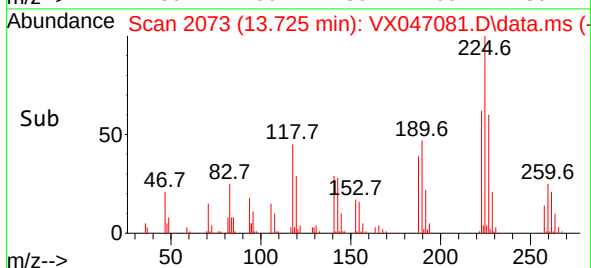
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

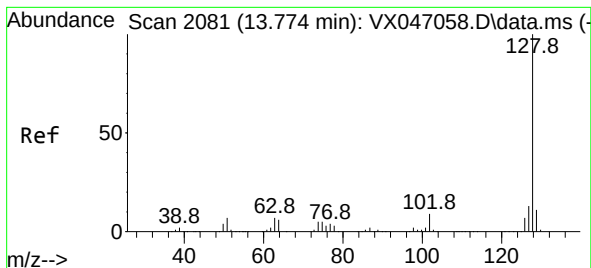


#94
Hexachlorobutadiene
Concen: 18.783 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41



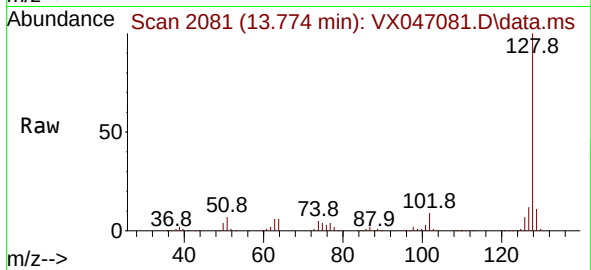
Tgt Ion:225 Resp: 33832
Ion Ratio Lower Upper
225 100
223 65.1 31.6 95.0
227 60.0 32.9 98.6





#95
Naphthalene
Concen: 17.623 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41

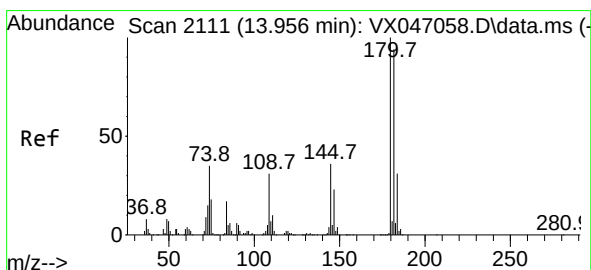
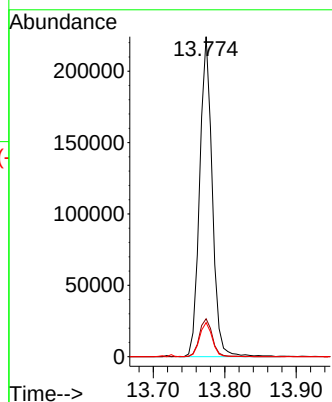
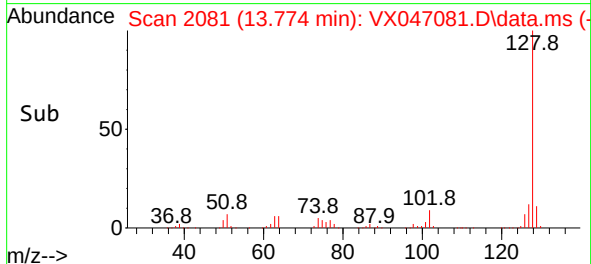
Instrument :
MSVOA_X
ClientSampleId :
VX0723MBS01



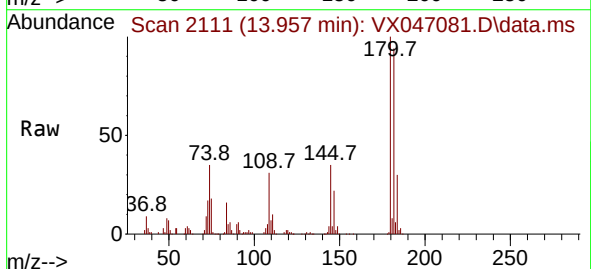
Tgt Ion:128 Resp: 273619
Ion Ratio Lower Upper
128 100
127 12.3 10.1 15.1
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#96
1,2,3-Trichlorobenzene
Concen: 17.354 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047081.D
Acq: 23 Jul 2025 11:41



Tgt Ion:180 Resp: 88546
Ion Ratio Lower Upper
180 100
182 94.4 46.9 140.6
145 34.6 17.3 52.0

