

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
 Data File : VW031767.D
 Acq On : 09 Jul 2025 10:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 10 01:20:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	247441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	422710	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	377094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	179078	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	162448	45.746	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	91.500%
35) Dibromofluoromethane	7.898	113	138259	50.123	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	100.240%
50) Toluene-d8	10.325	98	521437	50.798	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	101.600%
62) 4-Bromofluorobenzene	12.617	95	191245	50.627	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	101.260%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.046	85	82009	48.665	ug/l 96
3) Chloromethane	2.253	50	94900	46.711	ug/l 99
4) Vinyl Chloride	2.405	62	131529	49.256	ug/l 100
5) Bromomethane	2.826	94	95511	45.792	ug/l 98
6) Chloroethane	2.972	64	84881	46.795	ug/l 95
7) Trichlorofluoromethane	3.307	101	117630	48.505	ug/l 93
8) Diethyl Ether	3.722	74	85568	46.434	ug/l 99
9) 1,1,2-Trichlorotrifluo...	4.100	101	131015	48.672	ug/l 99
10) Methyl Iodide	4.307	142	202546	48.810	ug/l 99
11) Tert butyl alcohol	5.222	59	53824	244.656	ug/l 97
12) 1,1-Dichloroethene	4.076	96	146786	49.785	ug/l 97
13) Acrolein	3.929	56	64741	163.732	ug/l 99
14) Allyl chloride	4.697	41	223904	49.495	ug/l 99
15) Acrylonitrile	5.399	53	225809	249.182	ug/l 100
16) Acetone	4.161	43	211986	241.521	ug/l 98
17) Carbon Disulfide	4.417	76	385158	48.818	ug/l 99
18) Methyl Acetate	4.704	43	131126	52.273	ug/l 99
19) Methyl tert-butyl Ether	5.460	73	255291	51.014	ug/l 98
20) Methylene Chloride	4.954	84	179218	51.376	ug/l 97
21) trans-1,2-Dichloroethene	5.460	96	153141	48.882	ug/l 97
22) Diisopropyl ether	6.337	45	446765	50.638	ug/l 99
23) Vinyl Acetate	6.283	43	1535842	254.857	ug/l 99
24) 1,1-Dichloroethane	6.240	63	283597	49.580	ug/l 99
25) 2-Butanone	7.191	43	298426	261.347	ug/l 98
26) 2,2-Dichloropropane	7.185	77	168949	50.624	ug/l 99
27) cis-1,2-Dichloroethene	7.185	96	182084	50.562	ug/l 99
28) Bromochloromethane	7.526	49	122453	48.512	ug/l 97
29) Tetrahydrofuran	7.551	42	201074	257.131	ug/l 99
30) Chloroform	7.691	83	304613	50.117	ug/l 100
31) Cyclohexane	7.965	56	238122	47.095	ug/l 93
32) 1,1,1-Trichloroethane	7.886	97	241191	51.493	ug/l 98
36) 1,1-Dichloropropene	8.093	75	211773	53.056	ug/l 98
37) Ethyl Acetate	7.270	43	130075	51.660	ug/l 99
38) Carbon Tetrachloride	8.081	117	217942	53.582	ug/l 98
39) Methylcyclohexane	9.343	83	266666	53.697	ug/l 97
40) Benzene	8.337	78	618425	52.368	ug/l 100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	77051	57.124	ug/l	98
42) 1,2-Dichloroethane	8.410	62	204035	51.134	ug/l	98
43) Isopropyl Acetate	8.435	43	233944	53.900	ug/l	99
44) Trichloroethene	9.099	130	154468	52.407	ug/l	99
45) 1,2-Dichloropropane	9.373	63	148469	52.019	ug/l	99
46) Dibromomethane	9.465	93	97245	52.775	ug/l	98
47) Bromodichloromethane	9.648	83	228018	52.770	ug/l	99
48) Methyl methacrylate	9.441	41	112627	52.773	ug/l	98
49) 1,4-Dioxane	9.465	88	24483	1134.460	ug/l #	64
51) 4-Methyl-2-Pentanone	10.209	43	682177	273.384	ug/l	99
52) Toluene	10.392	92	401889	53.153	ug/l	98
53) t-1,3-Dichloropropene	10.611	75	222773	54.949	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	245135	53.337	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	125856	52.142	ug/l	96
56) Ethyl methacrylate	10.648	69	182364	55.690	ug/l	97
57) 1,3-Dichloropropane	10.934	76	221086	52.170	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	498195	276.291	ug/l	100
59) 2-Hexanone	10.971	43	478479	282.970	ug/l	99
60) Dibromochloromethane	11.135	129	157206	54.465	ug/l	99
61) 1,2-Dibromoethane	11.233	107	126491	52.348	ug/l	99
64) Tetrachloroethene	10.861	164	124904	50.637	ug/l	96
65) Chlorobenzene	11.654	112	444577	53.435	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.733	131	139201	52.503	ug/l	99
67) Ethyl Benzene	11.733	91	775778	53.772	ug/l	98
68) m/p-Xylenes	11.836	106	596862	107.620	ug/l	99
69) o-Xylene	12.166	106	282911	55.094	ug/l	95
70) Styrene	12.178	104	479978	54.068	ug/l	99
71) Bromoform	12.349	173	89905	56.842	ug/l #	99
73) Isopropylbenzene	12.464	105	748062	54.917	ug/l	100
74) N-amyl acetate	12.269	43	205671	56.018	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.714	83	162369	53.691	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	211466	91.378	ug/l #	1
77) Bromobenzene	12.745	156	166043	54.654	ug/l	87
78) n-propylbenzene	12.800	91	865732	53.075	ug/l	99
79) 2-Chlorotoluene	12.891	91	522222	53.166	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	611949	54.273	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	56716	57.083	ug/l	99
82) 4-Chlorotoluene	12.989	91	551892	53.517	ug/l	99
83) tert-Butylbenzene	13.202	119	531985	55.080	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	621516	54.403	ug/l	99
85) sec-Butylbenzene	13.379	105	792244	54.649	ug/l	100
86) p-Isopropyltoluene	13.495	119	659648	55.212	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	322764	52.975	ug/l	100
88) 1,4-Dichlorobenzene	13.574	146	317905	50.977	ug/l	97
89) n-Butylbenzene	13.818	91	630269	54.295	ug/l	99
90) Hexachloroethane	14.086	117	113434	52.627	ug/l	91
91) 1,2-Dichlorobenzene	13.867	146	286451	51.439	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.482	75	31975	54.150	ug/l	98
93) 1,2,4-Trichlorobenzene	15.122	180	180373	52.520	ug/l	99
94) Hexachlorobutadiene	15.226	225	90807	54.757	ug/l	92
95) Naphthalene	15.360	128	478905	56.879	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	179854	56.994	ug/l	96

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ClientSampleId :
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QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

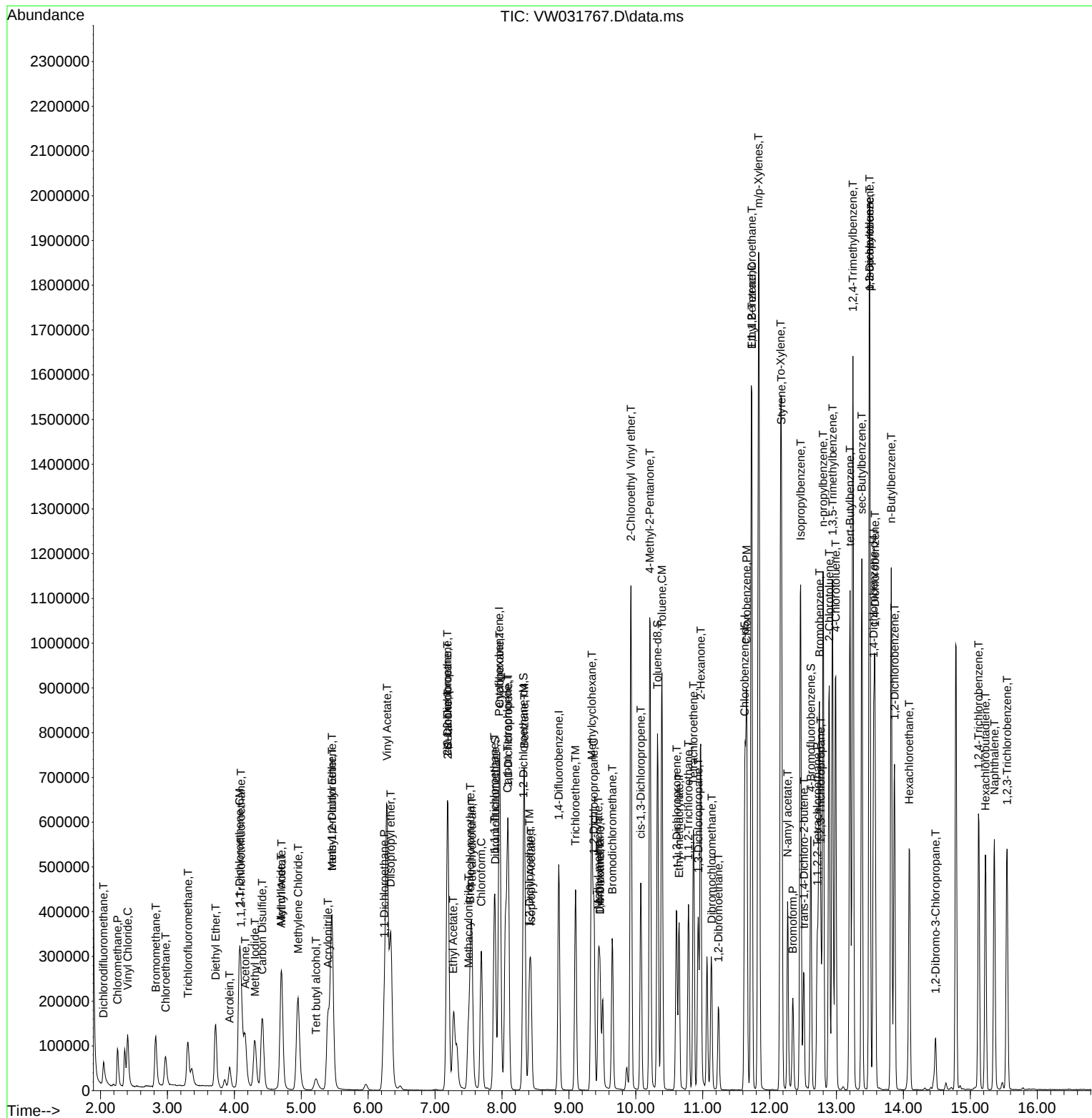
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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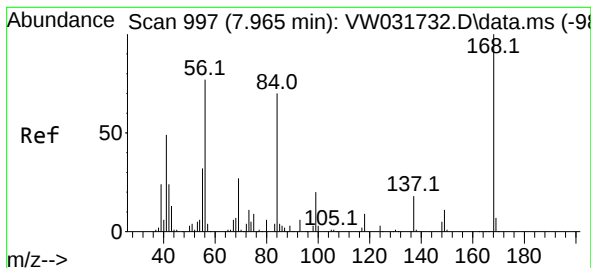
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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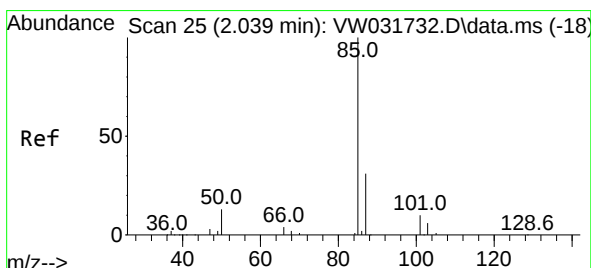
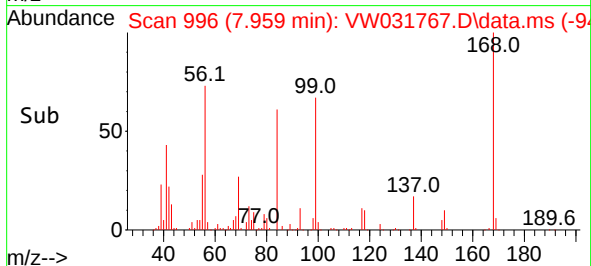
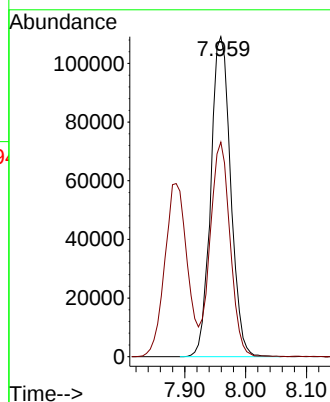
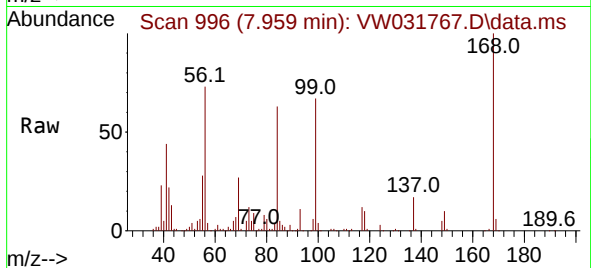




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

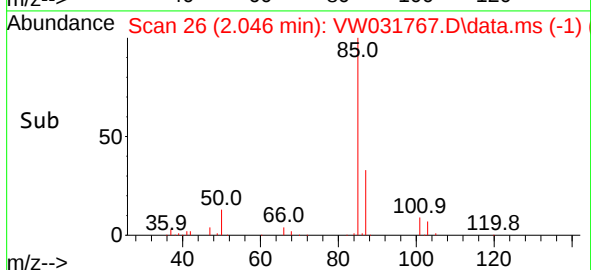
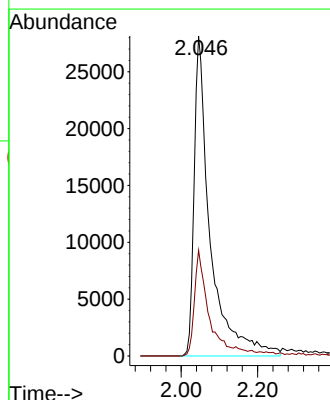
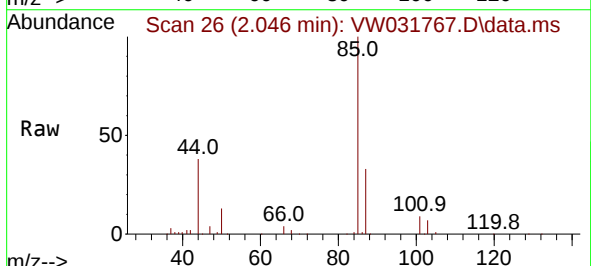
Instrument :
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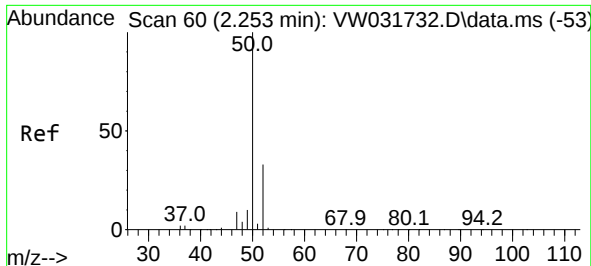
Tgt Ion:168 Resp: 247441
Ion Ratio Lower Upper
168 100
99 67.0 49.4 74.2



#2
Dichlorodifluoromethane
Concen: 48.665 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

Tgt Ion: 85 Resp: 82009
Ion Ratio Lower Upper
85 100
87 33.0 15.4 46.2

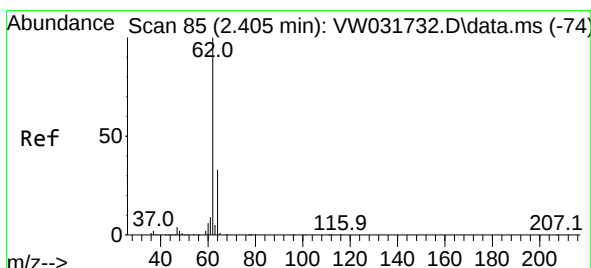
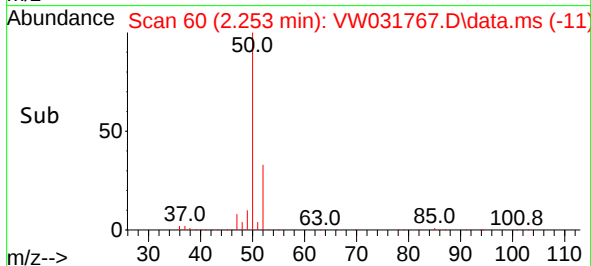
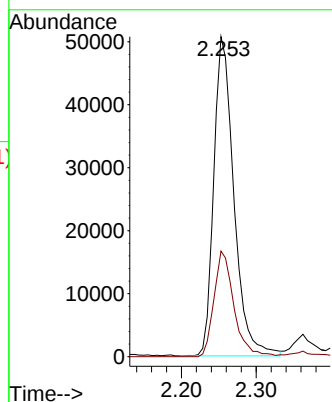
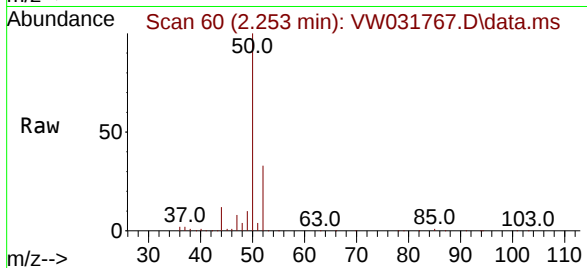




#3
Chloromethane
Concen: 46.711 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

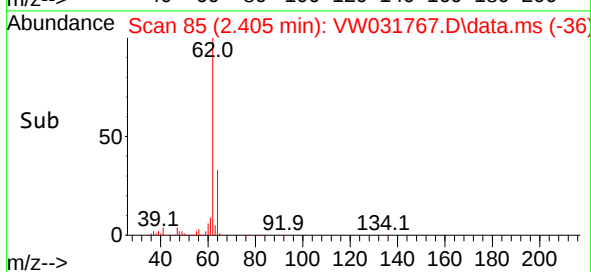
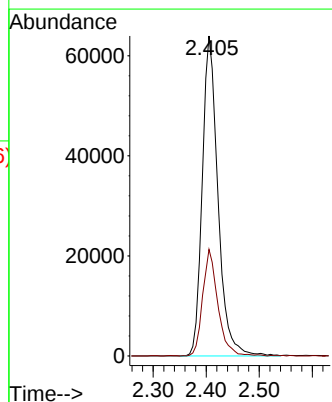
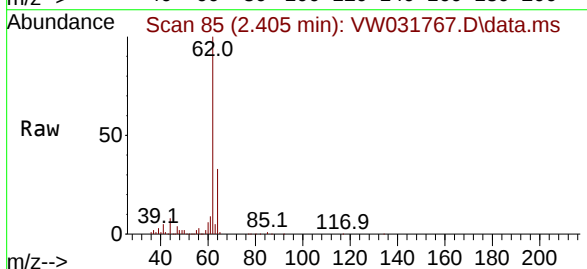
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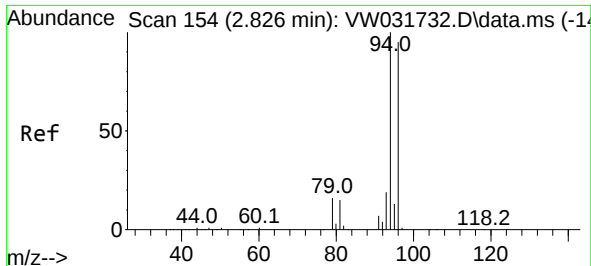
Tgt Ion: 50 Resp: 94900
Ion Ratio Lower Upper
50 100
52 33.1 26.2 39.2



#4
Vinyl Chloride
Concen: 49.256 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

Tgt Ion: 62 Resp: 131529
Ion Ratio Lower Upper
62 100
64 33.3 26.8 40.2

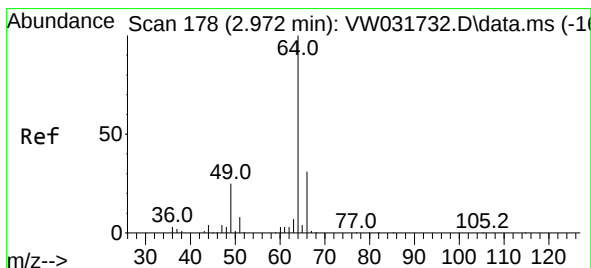
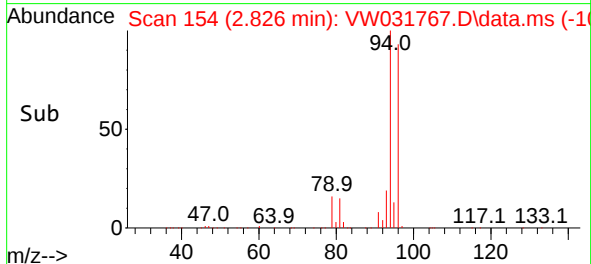
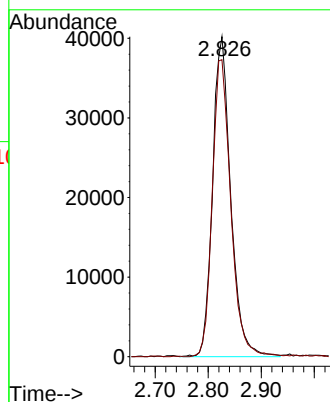
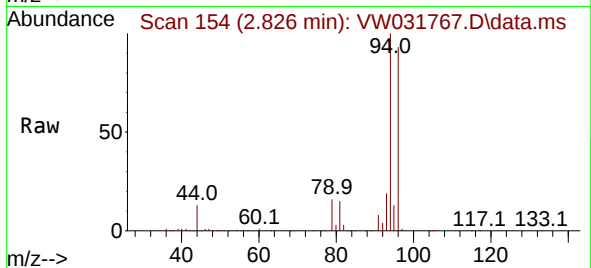




#5
Bromomethane
Concen: 45.792 ug/l
RT: 2.826 min Scan# 154
Delta R.T. 0.000 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

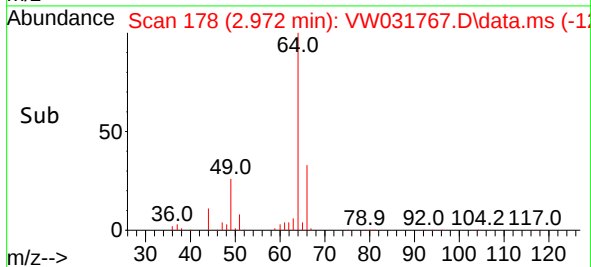
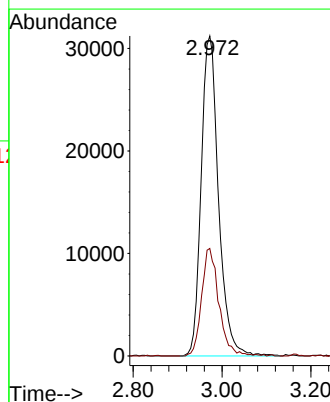
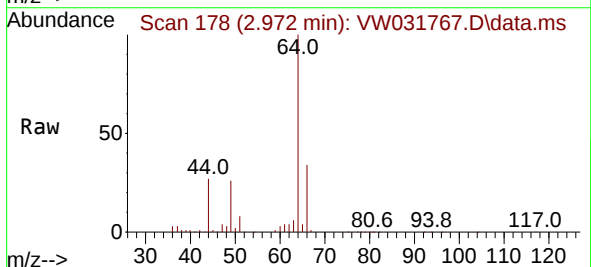
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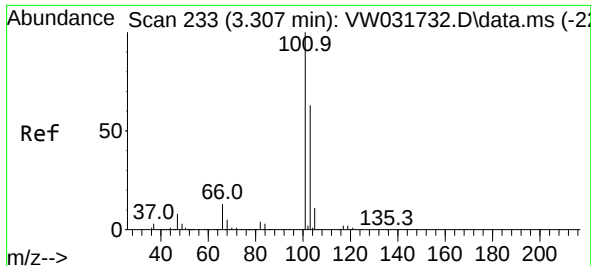
Tgt Ion: 94 Resp: 95511
Ion Ratio Lower Upper
94 100
96 92.7 75.6 113.4



#6
Chloroethane
Concen: 46.795 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.000 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

Tgt Ion: 64 Resp: 84881
Ion Ratio Lower Upper
64 100
66 33.6 24.5 36.7

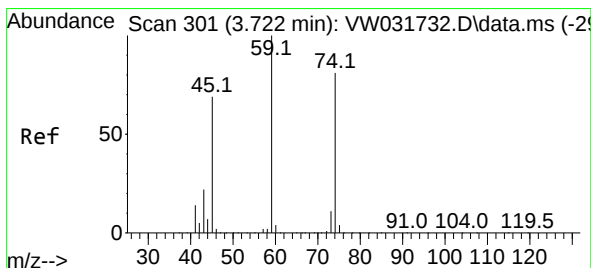
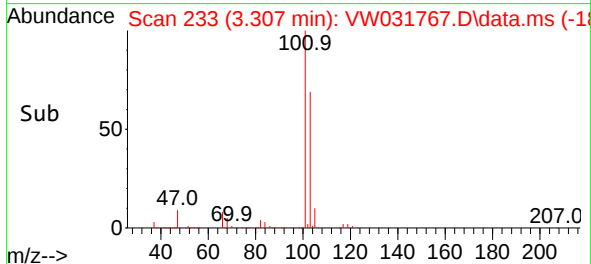
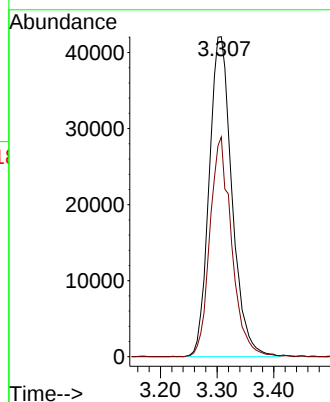
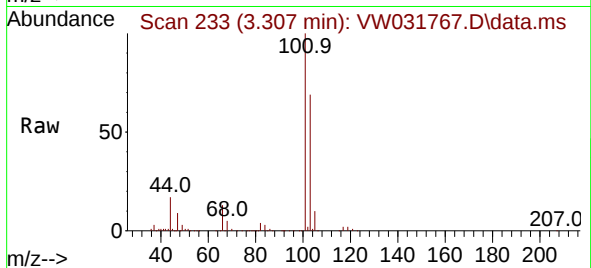




#7
 Trichlorofluoromethane
 Concen: 48.505 ug/l
 RT: 3.307 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW031767.D
 Acq: 09 Jul 2025 10:00

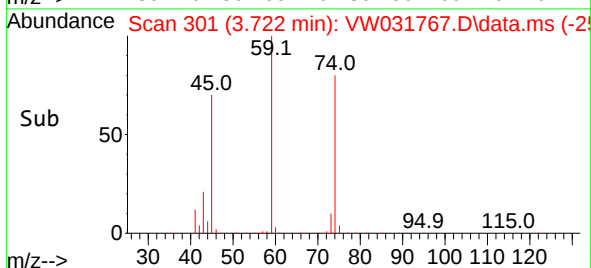
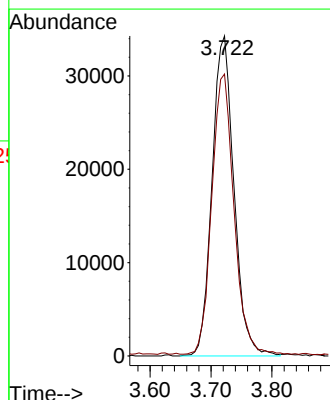
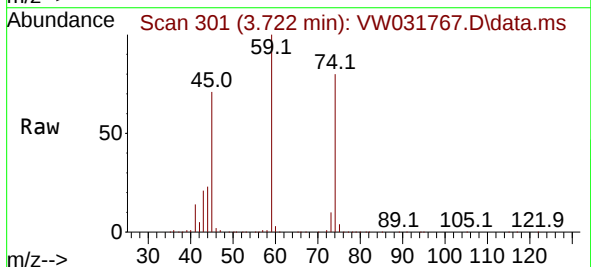
Instrument :
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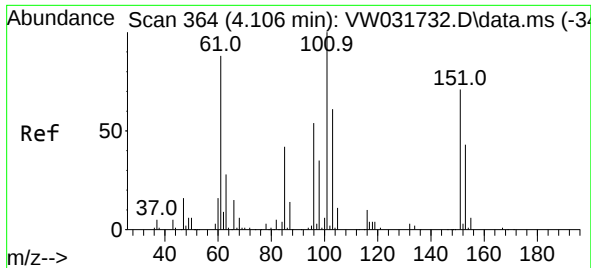
Tgt Ion:101 Resp: 117630
 Ion Ratio Lower Upper
 101 100
 103 68.5 50.2 75.4



#8
 Diethyl Ether
 Concen: 46.434 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.000 min
 Lab File: VW031767.D
 Acq: 09 Jul 2025 10:00

Tgt Ion: 74 Resp: 85568
 Ion Ratio Lower Upper
 74 100
 45 88.6 43.9 131.7

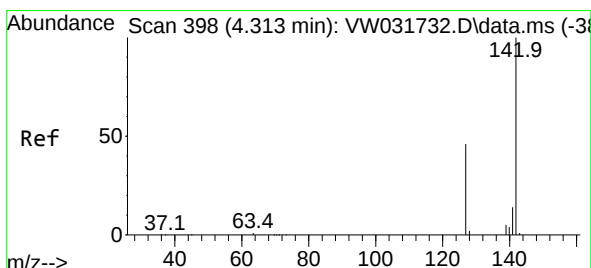
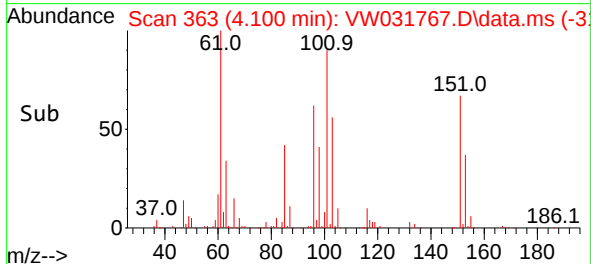
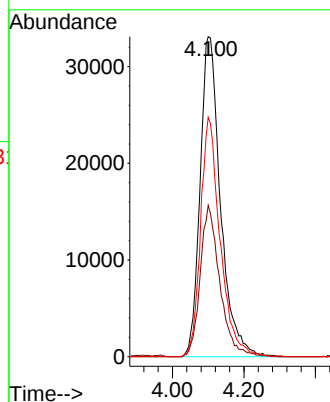
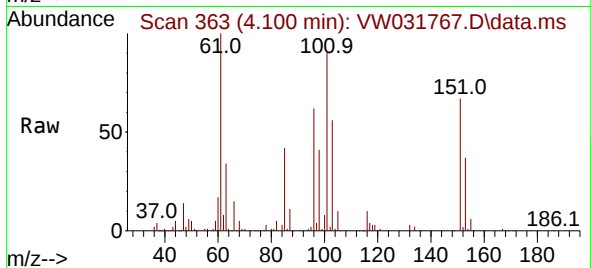




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.672 ug/l
 RT: 4.100 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: VW031767.D
 Acq: 09 Jul 2025 10:00

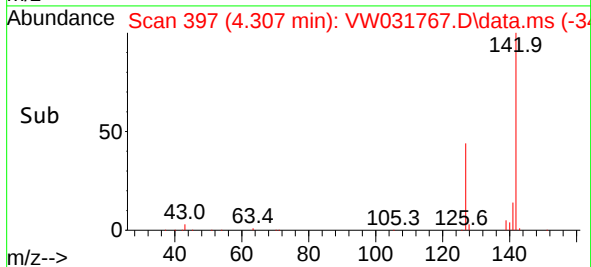
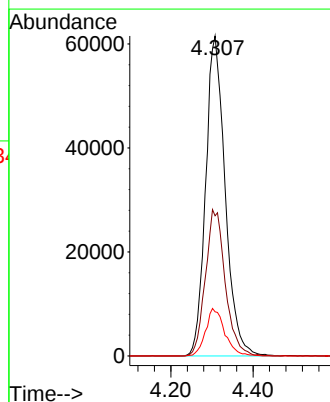
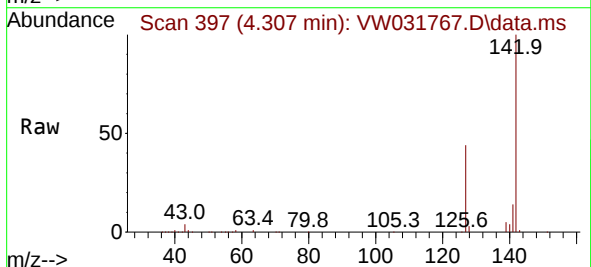
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

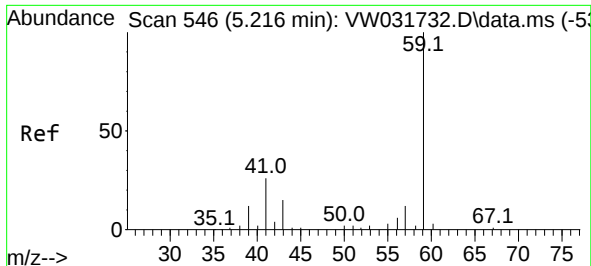
Tgt Ion:101 Resp: 131015
 Ion Ratio Lower Upper
 101 100
 85 45.3 35.6 53.4
 151 71.7 56.8 85.2



#10
 Methyl Iodide
 Concen: 48.810 ug/l
 RT: 4.307 min Scan# 397
 Delta R.T. -0.006 min
 Lab File: VW031767.D
 Acq: 09 Jul 2025 10:00

Tgt Ion:142 Resp: 202546
 Ion Ratio Lower Upper
 142 100
 127 46.7 37.9 56.9
 141 14.6 11.7 17.5

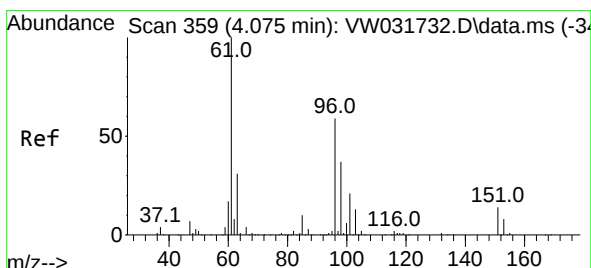
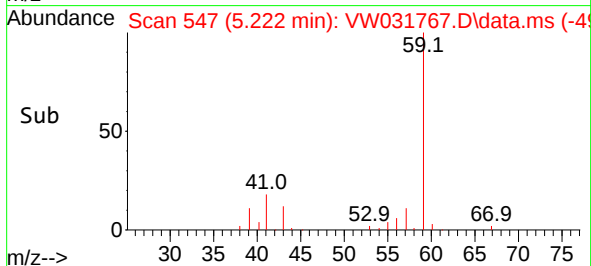
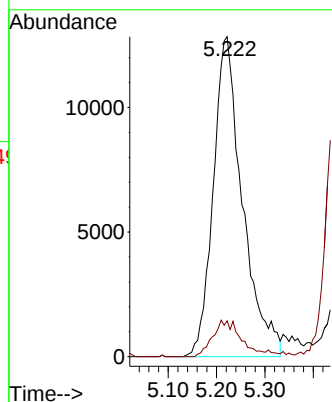
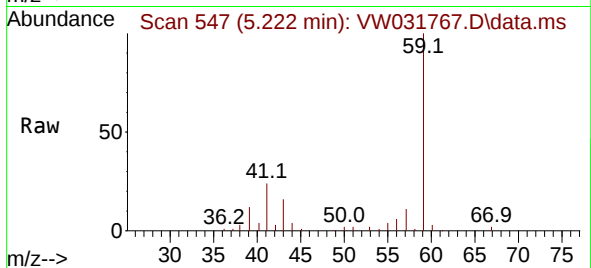




#11
Tert butyl alcohol
Concen: 244.656 ug/l
RT: 5.222 min Scan# 546
Delta R.T. 0.006 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

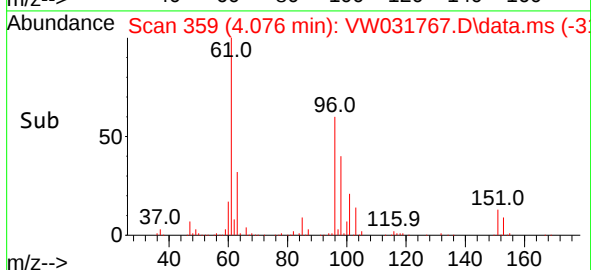
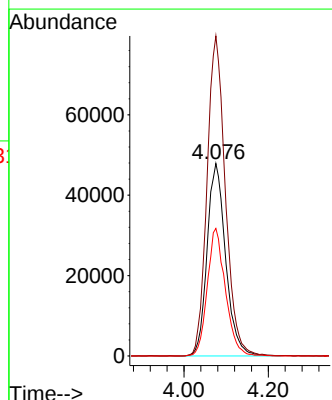
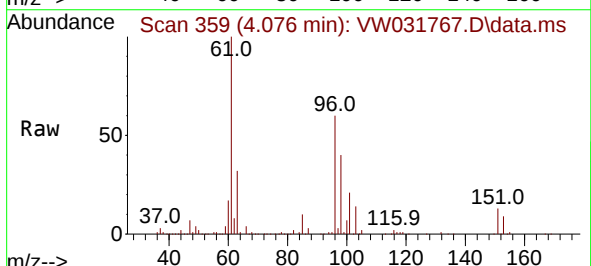
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

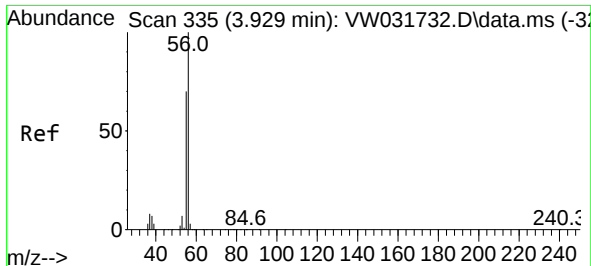
Tgt Ion: 59 Resp: 53824
Ion Ratio Lower Upper
59 100
57 10.9 9.5 14.3



#12
1,1-Dichloroethene
Concen: 49.785 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

Tgt Ion: 96 Resp: 146786
Ion Ratio Lower Upper
96 100
61 166.2 135.8 203.8
98 66.2 50.4 75.6

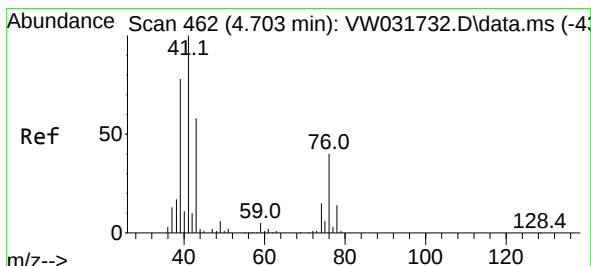
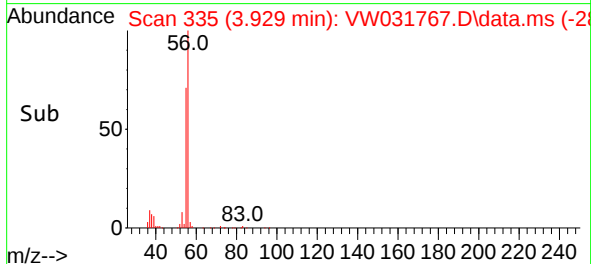
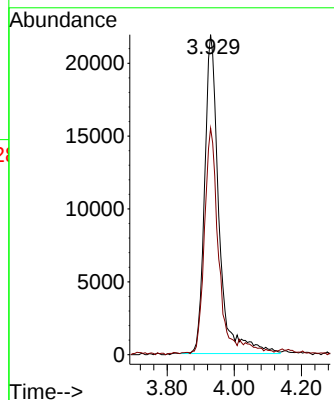
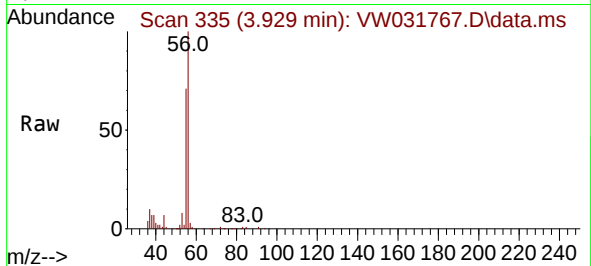




#13
Acrolein
Concen: 163.732 ug/l
RT: 3.929 min Scan# 313
Delta R.T. 0.000 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

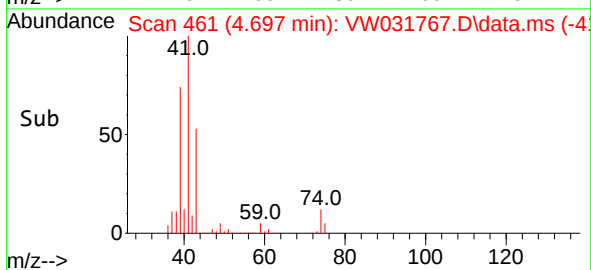
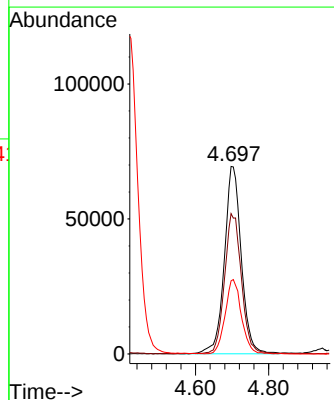
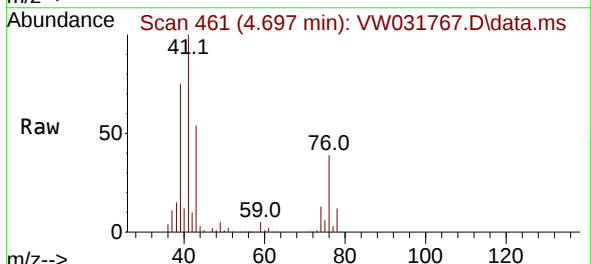
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 64741
Ion Ratio Lower Upper
56 100
55 66.6 54.0 81.0



#14
Allyl chloride
Concen: 49.495 ug/l
RT: 4.697 min Scan# 461
Delta R.T. -0.006 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

Tgt Ion: 41 Resp: 223904
Ion Ratio Lower Upper
41 100
39 74.4 60.7 91.1
76 37.8 30.3 45.5

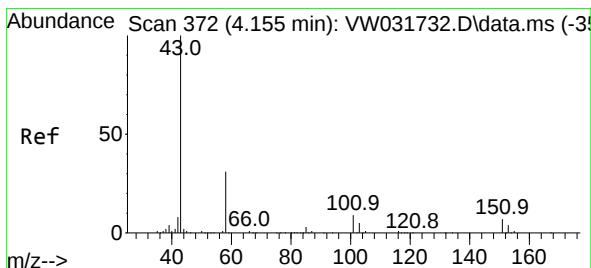
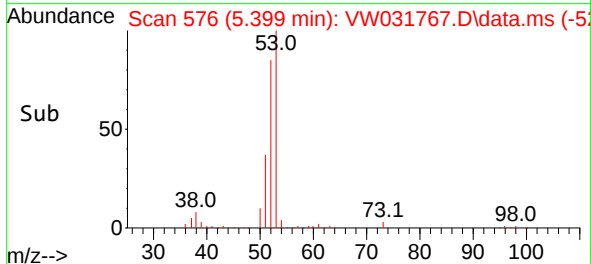
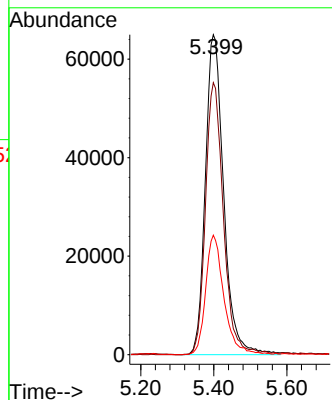
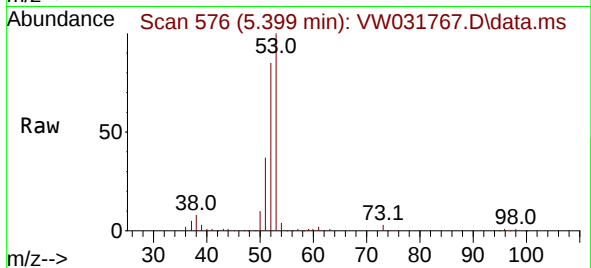




#15
Acrylonitrile
Concen: 249.182 ug/l
RT: 5.399 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

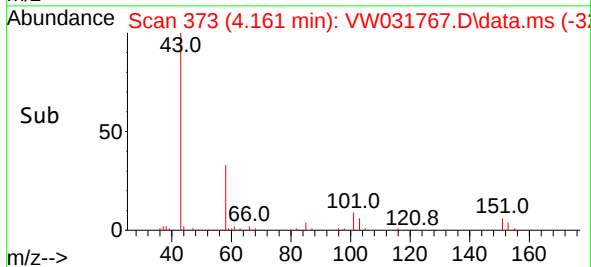
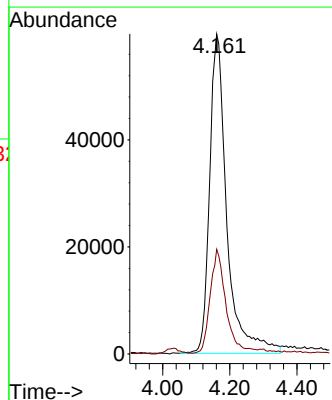
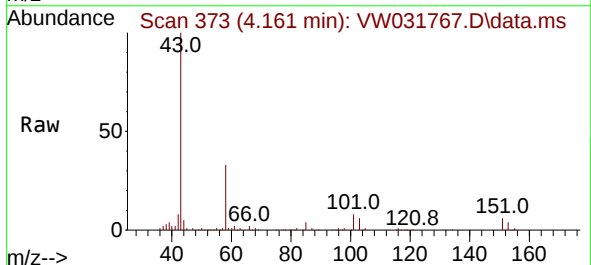
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

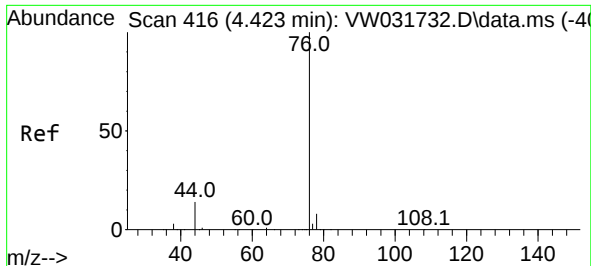
Tgt Ion: 53 Resp: 225809
Ion Ratio Lower Upper
53 100
52 82.9 66.4 99.6
51 37.4 29.9 44.9



#16
Acetone
Concen: 241.521 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.006 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

Tgt Ion: 43 Resp: 211986
Ion Ratio Lower Upper
43 100
58 32.1 24.8 37.2

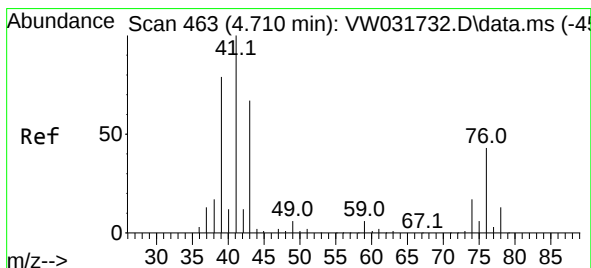
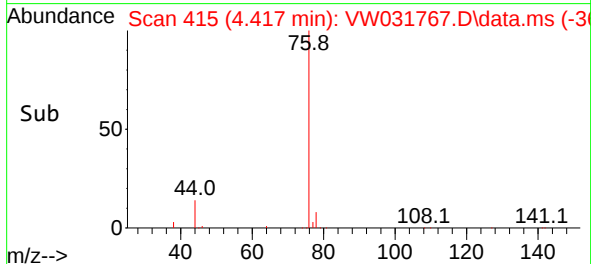
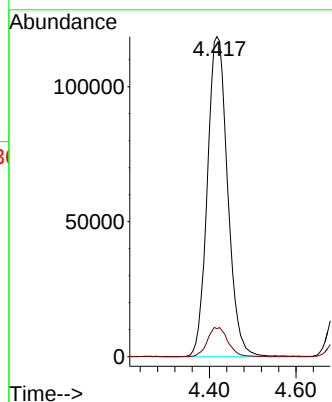
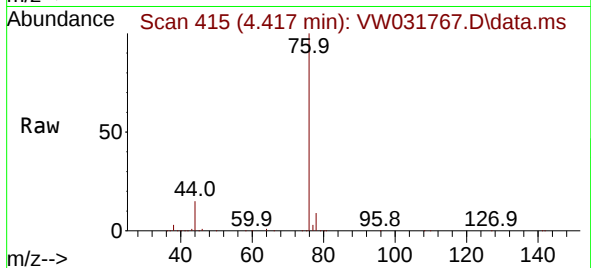




#17
Carbon Disulfide
Concen: 48.818 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

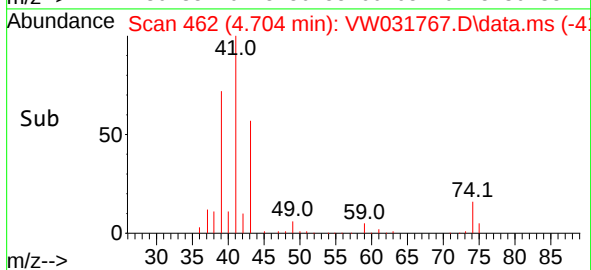
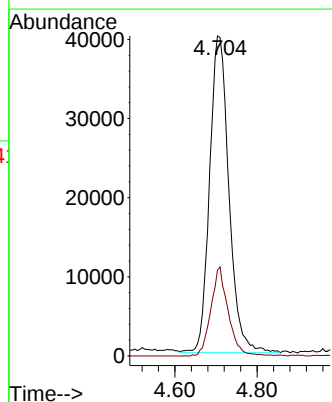
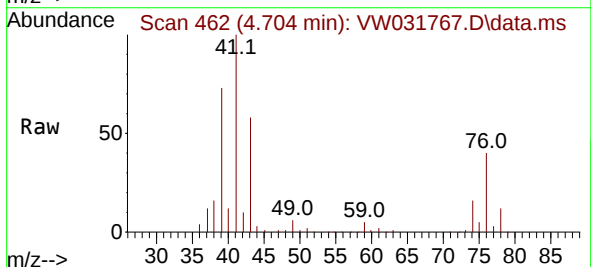
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

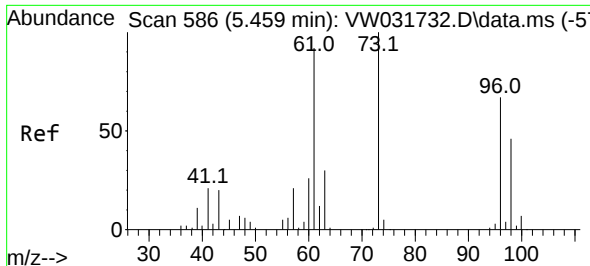
Tgt Ion: 76 Resp: 385158
Ion Ratio Lower Upper
76 100
78 8.7 6.6 10.0



#18
Methyl Acetate
Concen: 52.273 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

Tgt Ion: 43 Resp: 131126
Ion Ratio Lower Upper
43 100
74 25.1 20.6 30.8

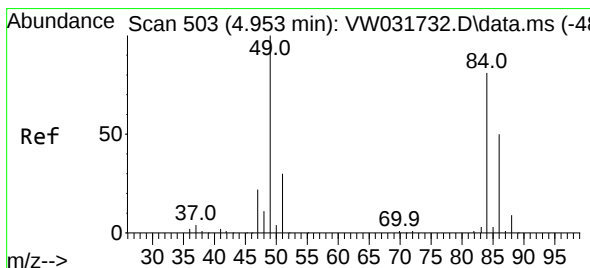
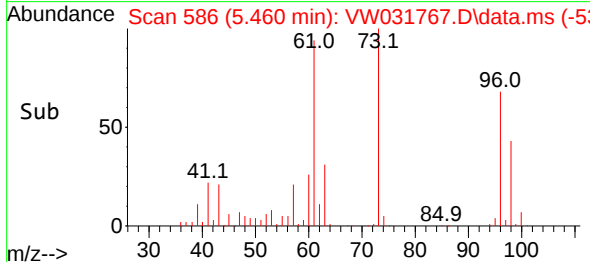
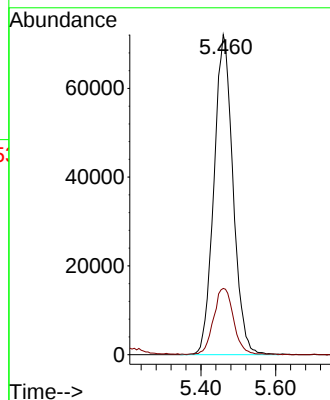
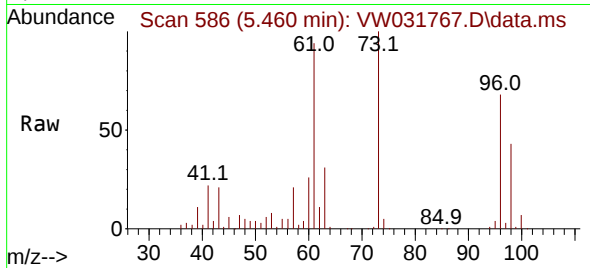




#19
Methyl tert-butyl Ether
Concen: 51.014 ug/l
RT: 5.460 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

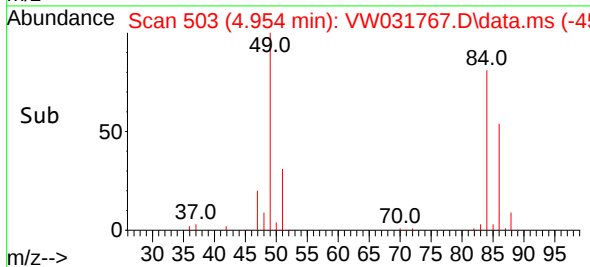
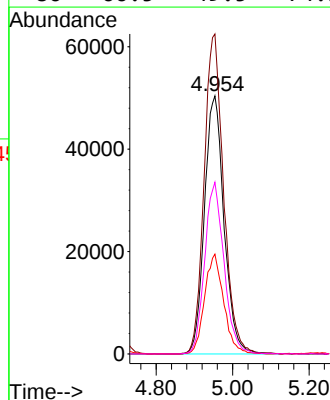
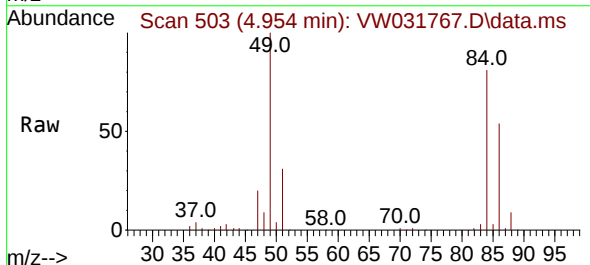
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

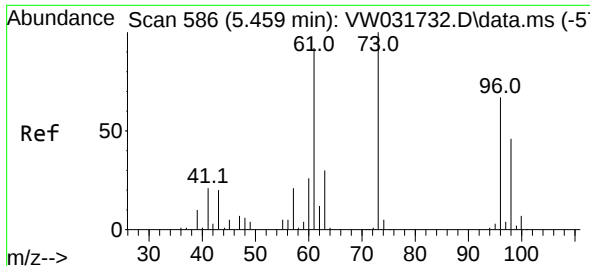
Tgt Ion: 73 Resp: 255291
Ion Ratio Lower Upper
73 100
57 20.6 17.2 25.8



#20
Methylene Chloride
Concen: 51.376 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.000 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

Tgt Ion: 84 Resp: 179218
Ion Ratio Lower Upper
84 100
49 124.0 98.2 147.4
51 38.7 29.8 44.8
86 66.5 49.5 74.3

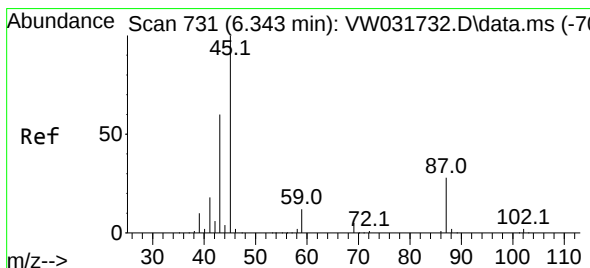
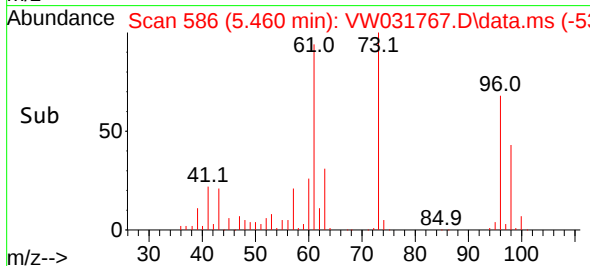
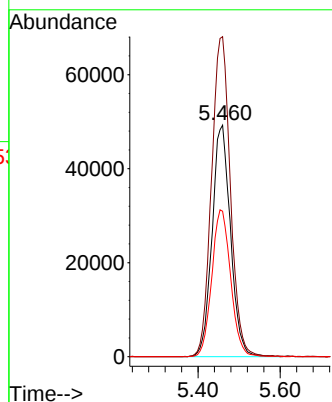
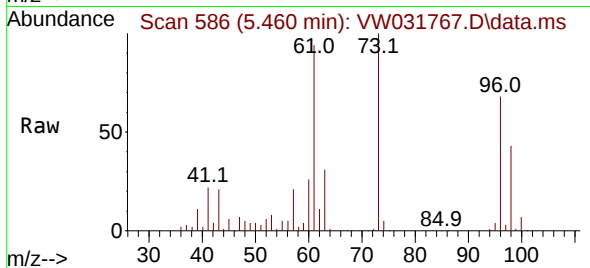




#21
trans-1,2-Dichloroethene
Concen: 48.882 ug/l
RT: 5.460 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

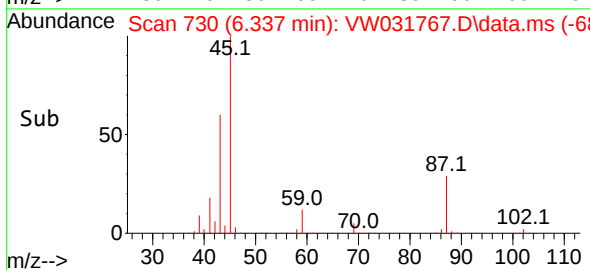
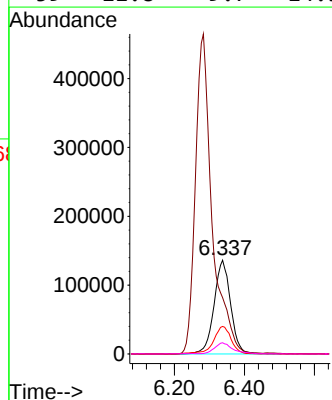
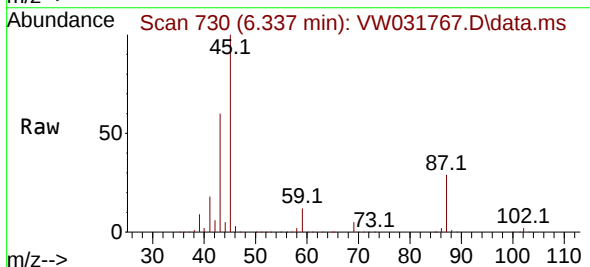
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 153141
Ion Ratio Lower Upper
96 100
61 138.2 109.8 164.6
98 62.8 54.9 82.3



#22
Diisopropyl ether
Concen: 50.638 ug/l
RT: 6.337 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

Tgt Ion: 45 Resp: 446765
Ion Ratio Lower Upper
45 100
43 59.8 48.3 72.5
87 29.4 22.6 34.0
59 11.8 9.7 14.5

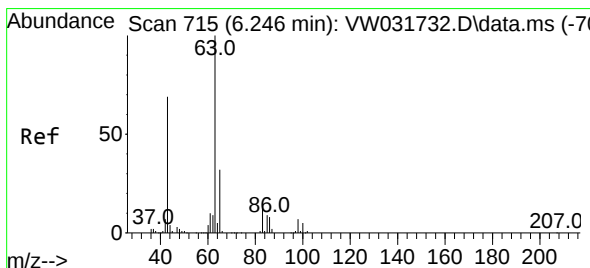
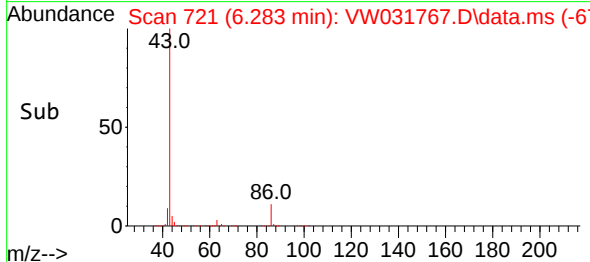
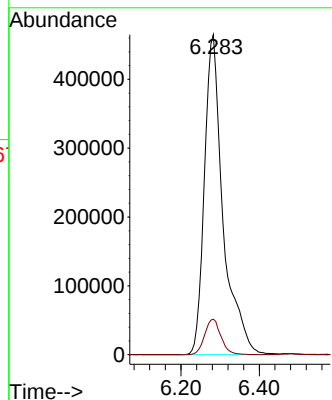
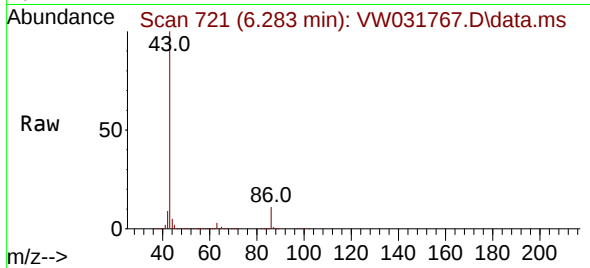




#23
 Vinyl Acetate
 Concen: 254.857 ug/l
 RT: 6.283 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VW031767.D
 Acq: 09 Jul 2025 10:00

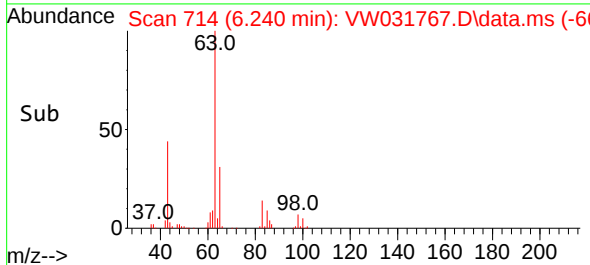
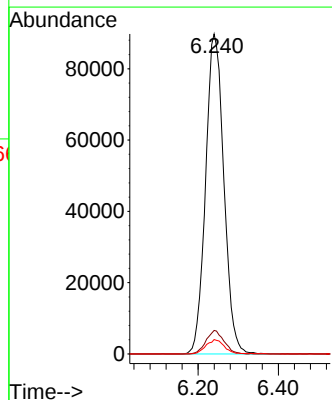
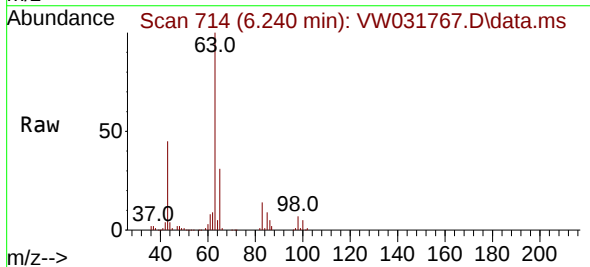
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

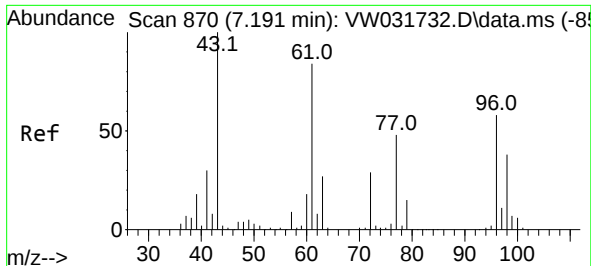
Tgt Ion: 43 Resp: 1535842
 Ion Ratio Lower Upper
 43 100
 86 11.1 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 49.580 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW031767.D
 Acq: 09 Jul 2025 10:00

Tgt Ion: 63 Resp: 283597
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.6
 100 4.5 2.5 7.5

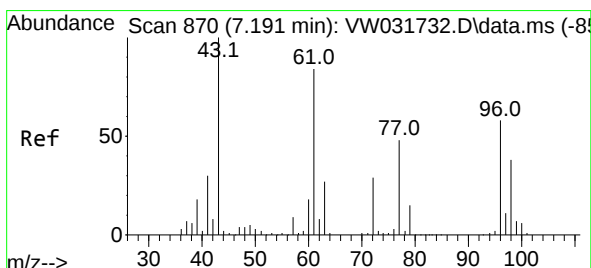
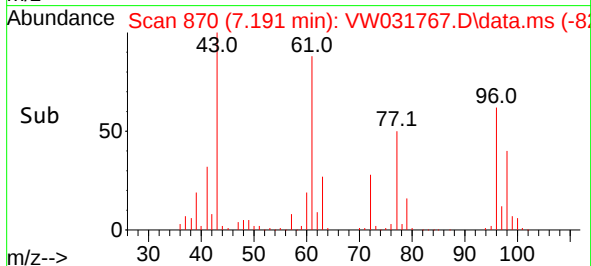
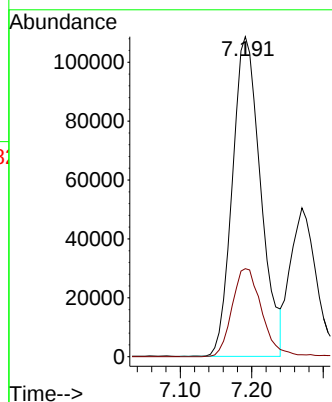
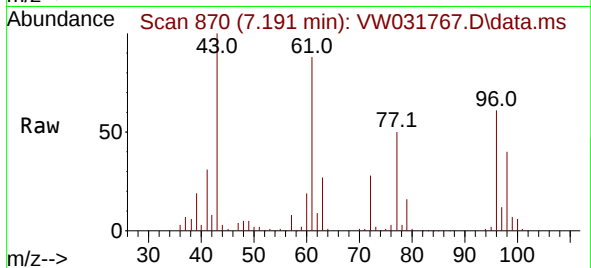




#25
2-Butanone
Concen: 261.347 ug/l
RT: 7.191 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

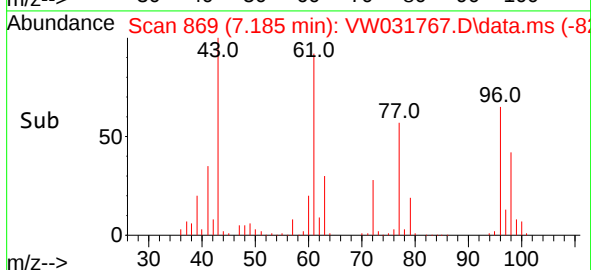
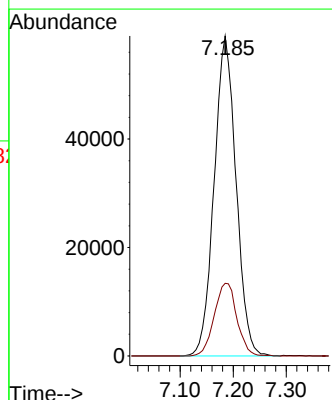
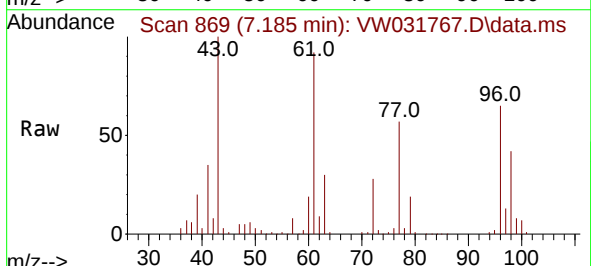
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 298426
Ion Ratio Lower Upper
43 100
72 27.5 23.0 34.6



#26
2,2-Dichloropropane
Concen: 50.624 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

Tgt Ion: 77 Resp: 168949
Ion Ratio Lower Upper
77 100
97 23.4 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 50.562 ug/l

RT: 7.185 min Scan# 8

Delta R.T. -0.006 min

Lab File: VW031767.D

Acq: 09 Jul 2025 10:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

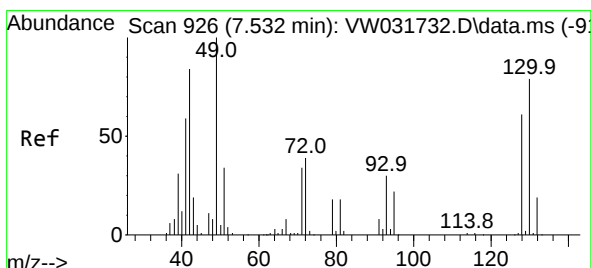
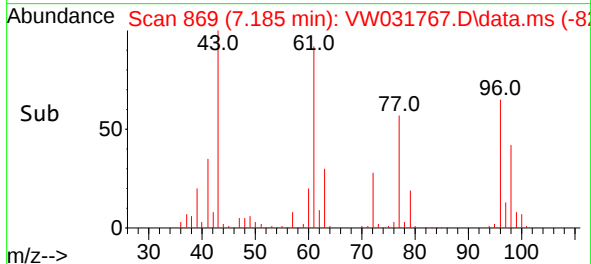
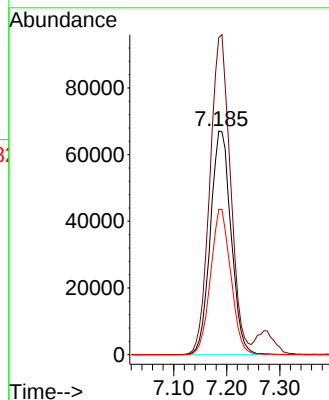
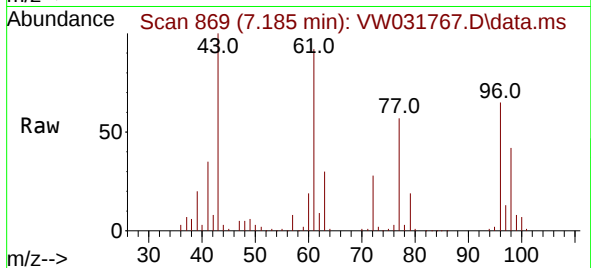
Tgt Ion: 96 Resp: 182084

Ion Ratio Lower Upper

96 100

61 142.2 0.0 286.8

98 63.7 0.0 130.4



#28

Bromochloromethane

Concen: 48.512 ug/l

RT: 7.526 min Scan# 925

Delta R.T. -0.006 min

Lab File: VW031767.D

Acq: 09 Jul 2025 10:00

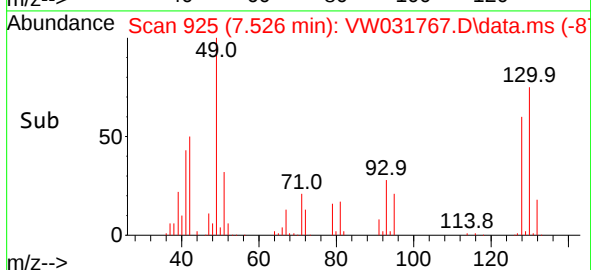
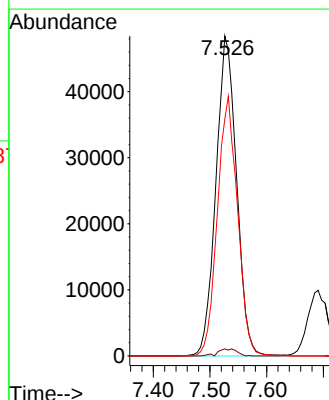
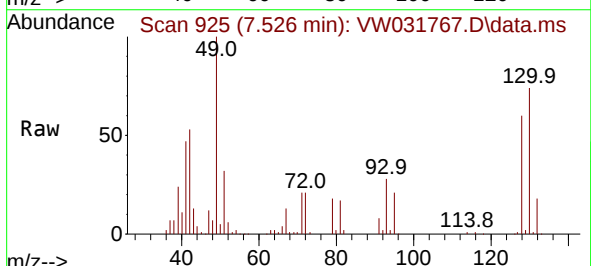
Tgt Ion: 49 Resp: 122453

Ion Ratio Lower Upper

49 100

129 2.0 0.0 2.4

130 79.3 61.3 91.9





#29

Tetrahydrofuran

Concen: 257.131 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW031767.D

Acq: 09 Jul 2025 10:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

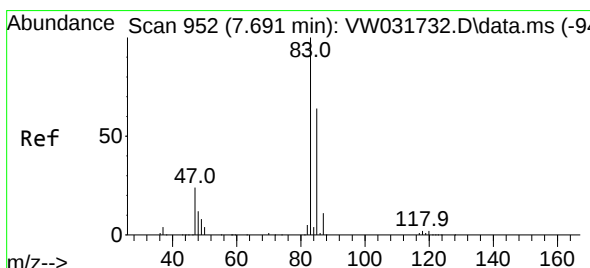
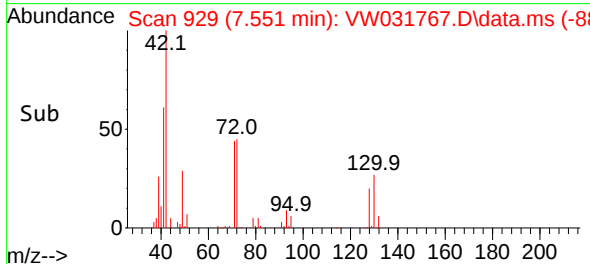
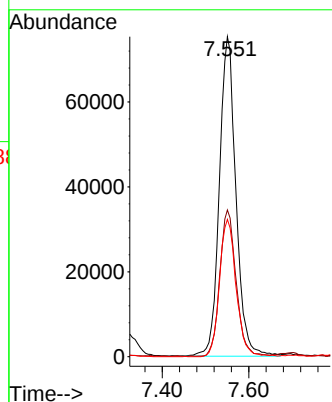
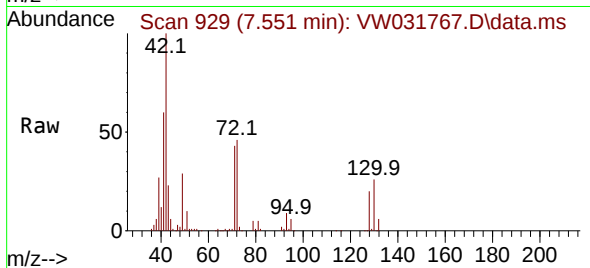
Tgt Ion: 42 Resp: 201074

Ion Ratio Lower Upper

42 100

72 44.8 36.8 55.2

71 43.1 34.6 52.0



#30

Chloroform

Concen: 50.117 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW031767.D

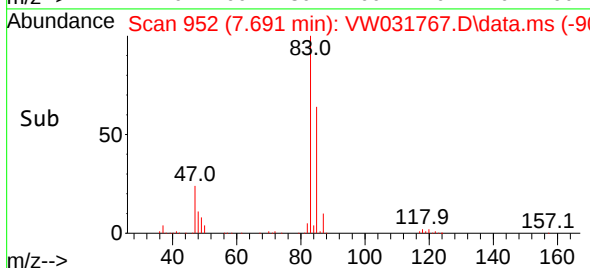
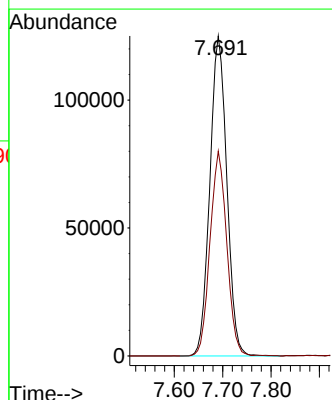
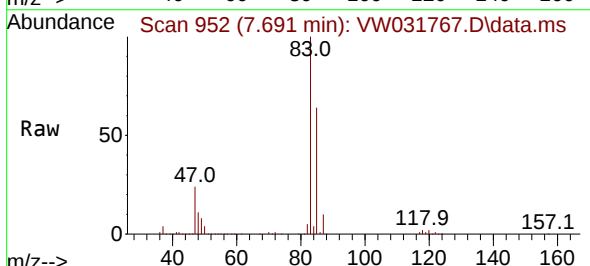
Acq: 09 Jul 2025 10:00

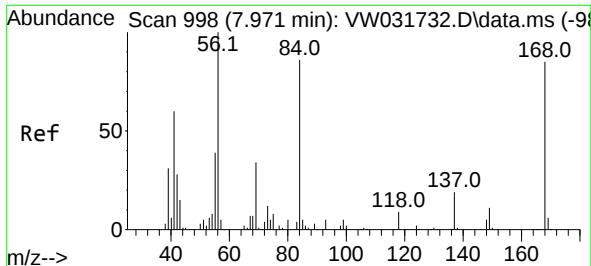
Tgt Ion: 83 Resp: 304613

Ion Ratio Lower Upper

83 100

85 64.0 51.4 77.0

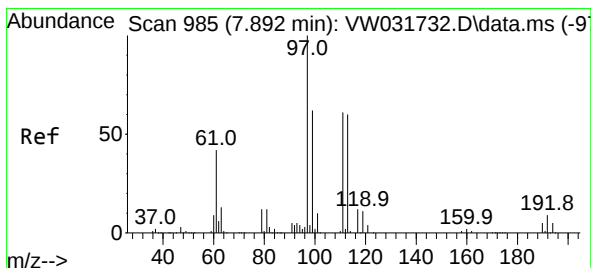
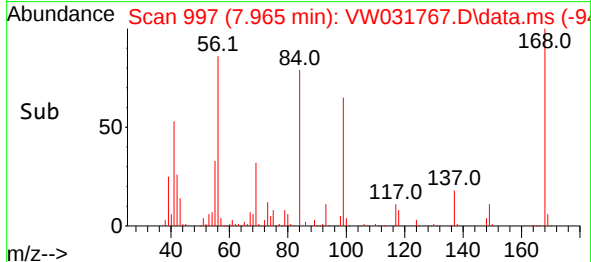
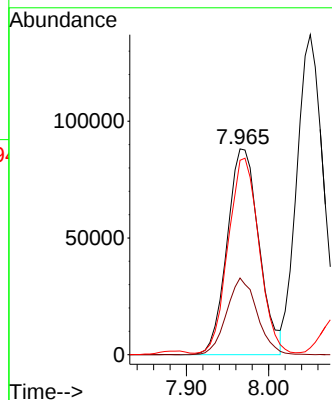
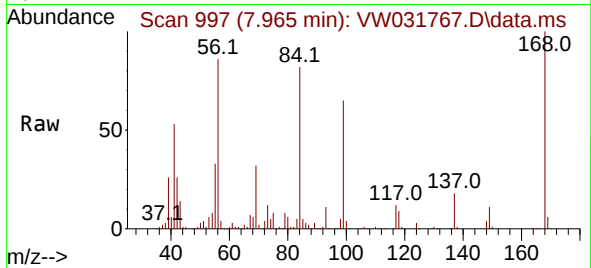




#31
Cyclohexane
Concen: 47.095 ug/l
RT: 7.965 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

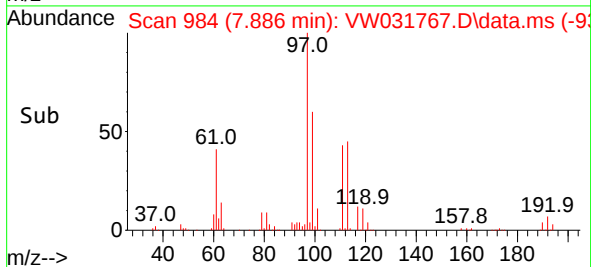
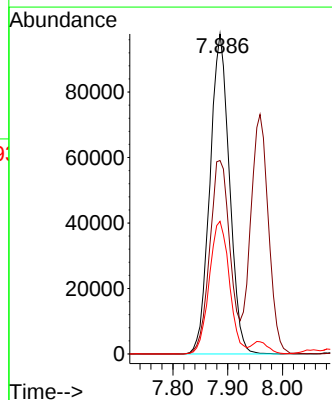
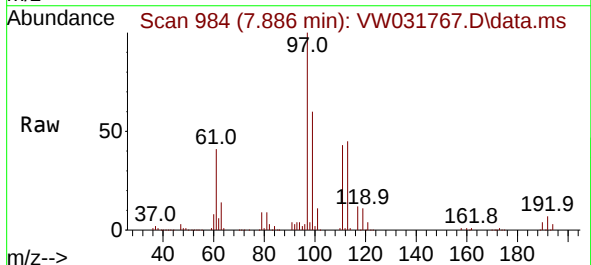
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

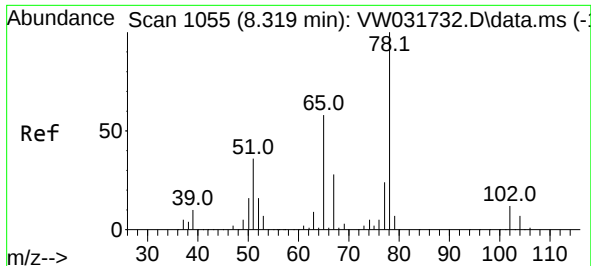
Tgt Ion: 56 Resp: 238122
Ion Ratio Lower Upper
56 100
69 37.2 27.2 40.8
84 92.7 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 51.493 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

Tgt Ion: 97 Resp: 241191
Ion Ratio Lower Upper
97 100
99 63.0 51.0 76.6
61 43.0 36.0 54.0

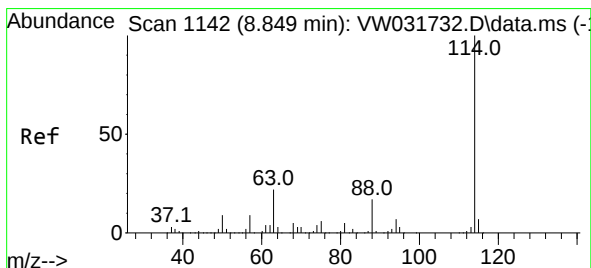
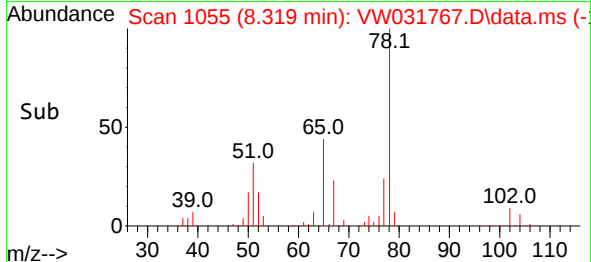
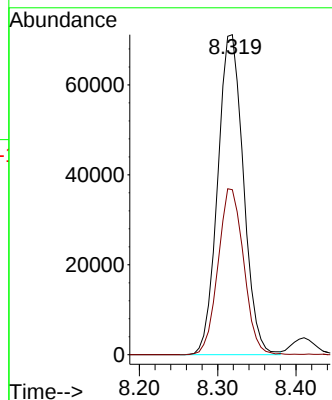
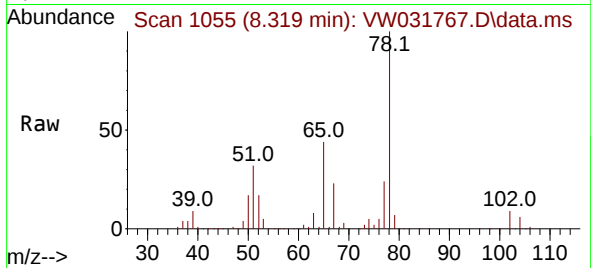




#33
 1,2-Dichloroethane-d4
 Concen: 45.746 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031767.D
 Acq: 09 Jul 2025 10:00

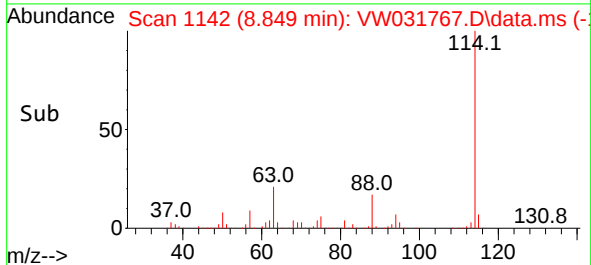
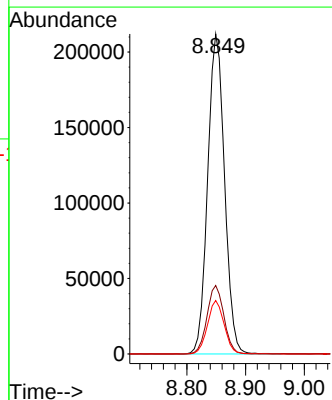
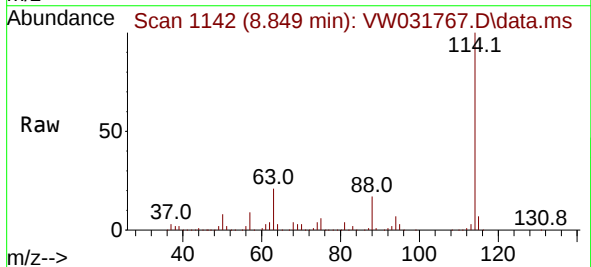
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

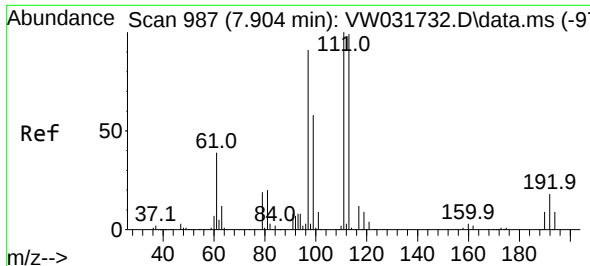
Tgt Ion: 65 Resp: 162448
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW031767.D
 Acq: 09 Jul 2025 10:00

Tgt Ion: 114 Resp: 422710
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.6
 88 16.7 0.0 34.2

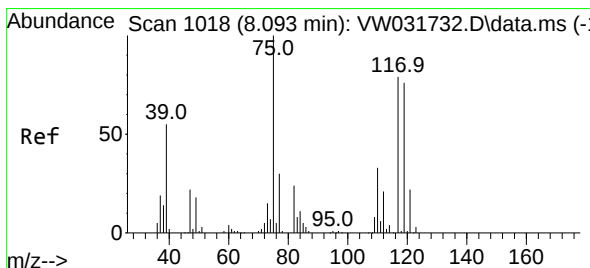
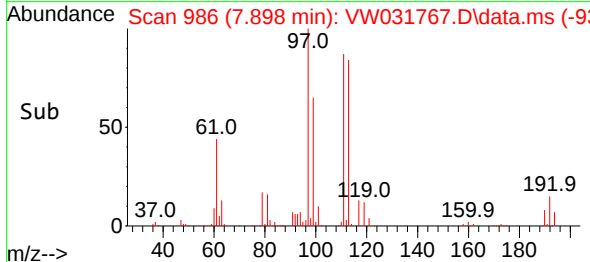
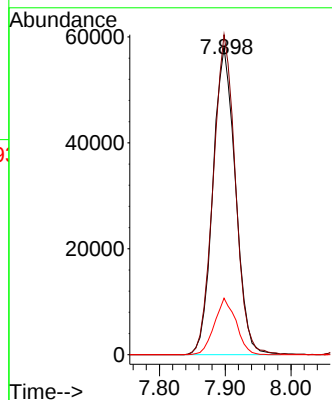
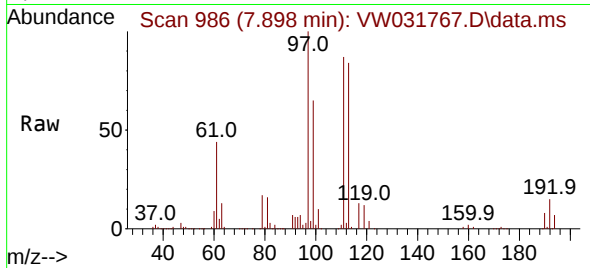




#35
 Dibromofluoromethane
 Concen: 50.123 ug/l
 RT: 7.898 min Scan# 986
 Delta R.T. -0.006 min
 Lab File: VW031767.D
 Acq: 09 Jul 2025 10:00

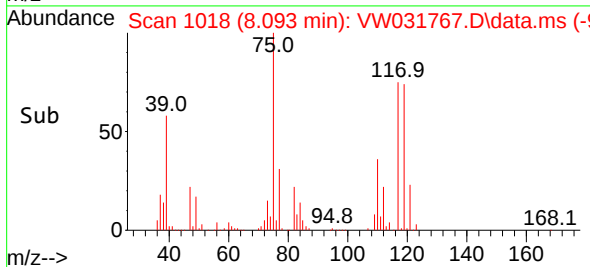
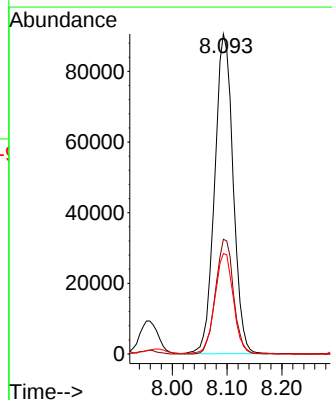
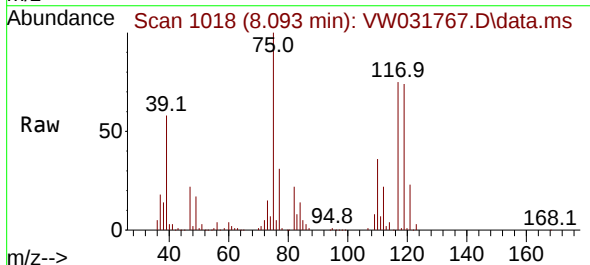
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

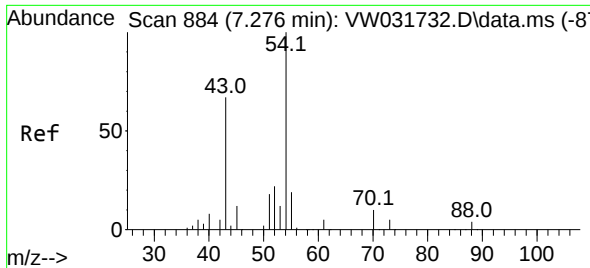
Tgt Ion:113 Resp: 138259
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.1 123.1
 192 17.6 13.8 20.6



#36
 1,1-Dichloropropene
 Concen: 53.056 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. 0.000 min
 Lab File: VW031767.D
 Acq: 09 Jul 2025 10:00

Tgt Ion: 75 Resp: 211773
 Ion Ratio Lower Upper
 75 100
 110 35.0 16.8 50.4
 77 31.7 25.0 37.6

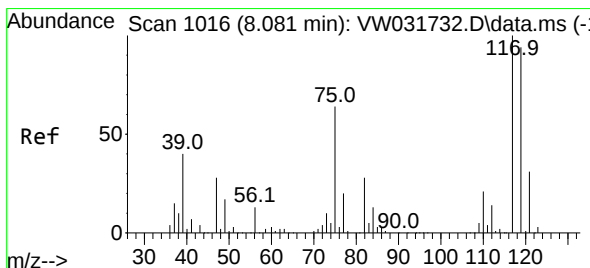
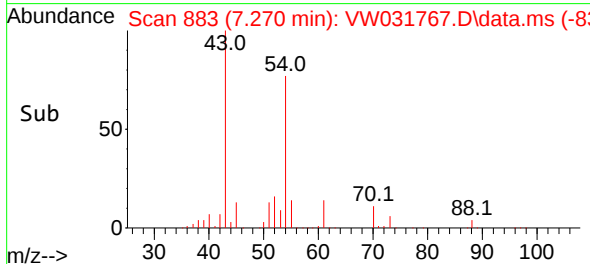
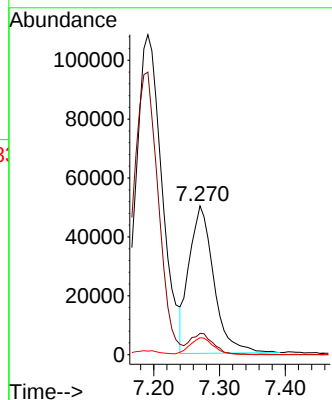
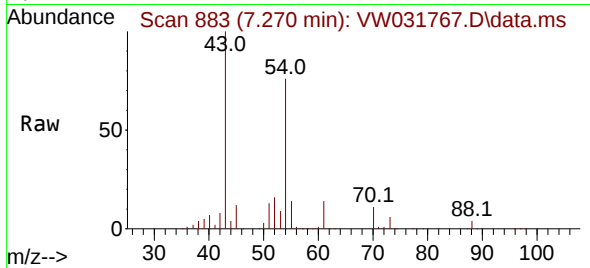




#37
Ethyl Acetate
Concen: 51.660 ug/l
RT: 7.270 min Scan# 884
Delta R.T. -0.006 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

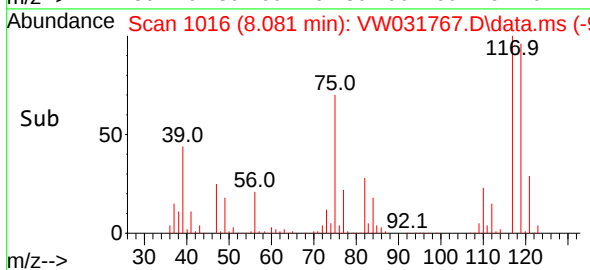
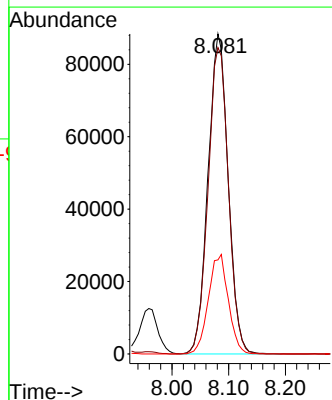
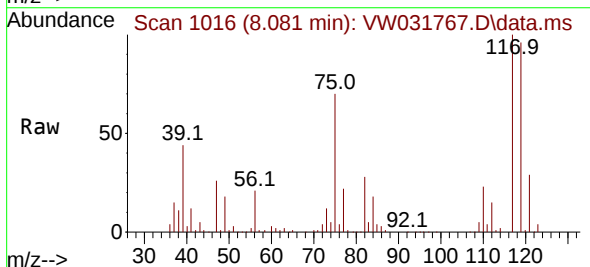
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

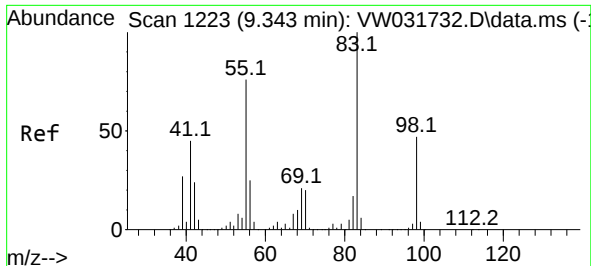
Tgt Ion: 43 Resp: 130075
Ion Ratio Lower Upper
43 100
61 13.0 10.9 16.3
70 11.1 9.2 13.8



#38
Carbon Tetrachloride
Concen: 53.582 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

Tgt Ion: 117 Resp: 217942
Ion Ratio Lower Upper
117 100
119 95.8 75.0 112.6
121 29.4 24.6 37.0





#39

Methylcyclohexane

Concen: 53.697 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031767.D

Acq: 09 Jul 2025 10:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

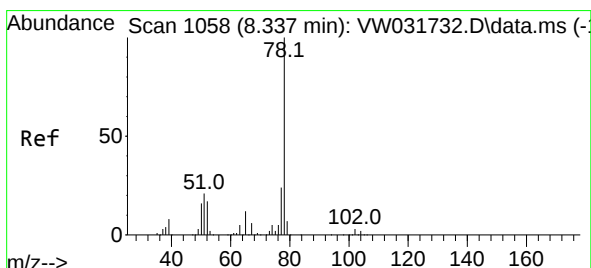
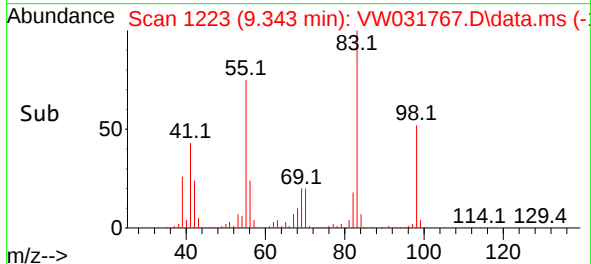
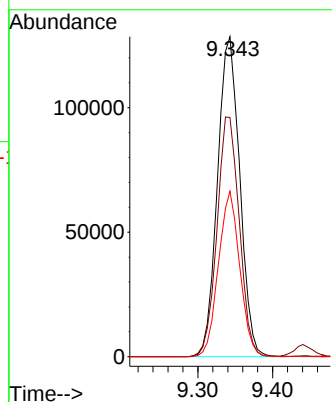
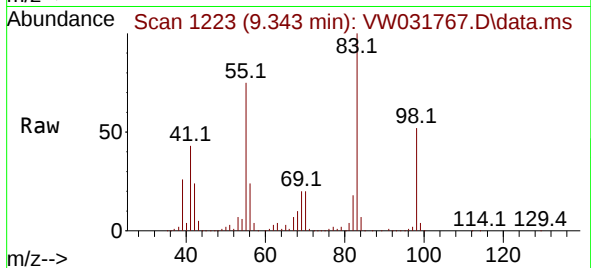
Tgt Ion: 83 Resp: 266666

Ion Ratio Lower Upper

83 100

55 74.7 61.0 91.4

98 51.7 37.9 56.9



#40

Benzene

Concen: 52.368 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW031767.D

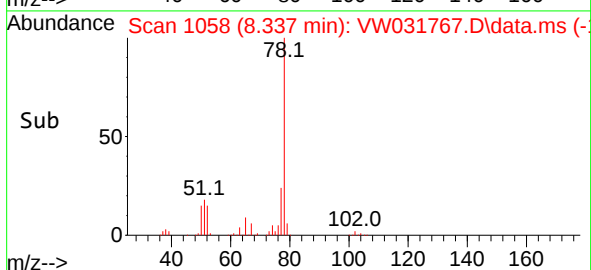
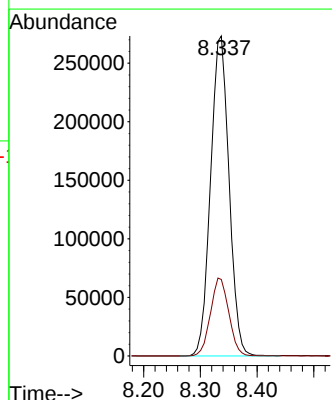
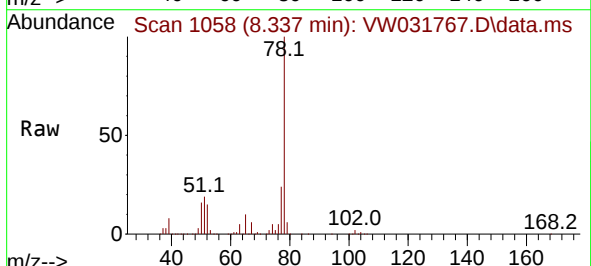
Acq: 09 Jul 2025 10:00

Tgt Ion: 78 Resp: 618425

Ion Ratio Lower Upper

78 100

77 23.9 19.2 28.8

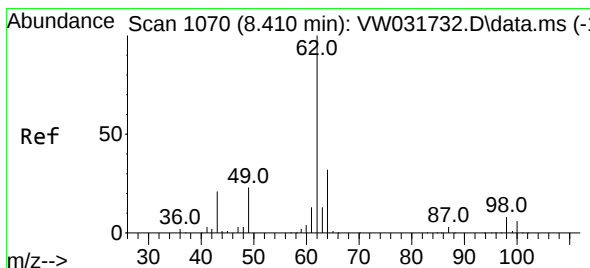
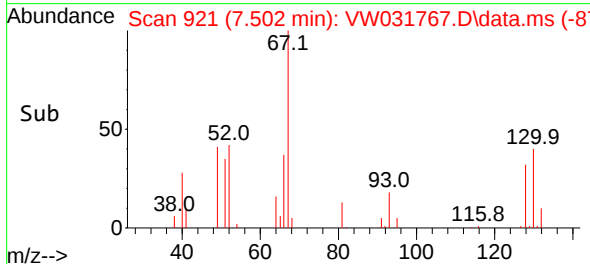
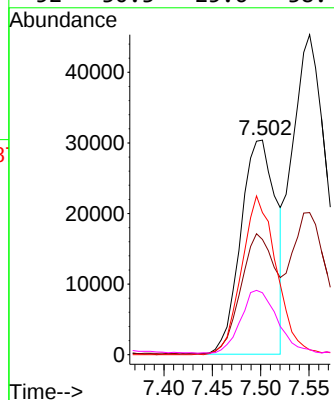
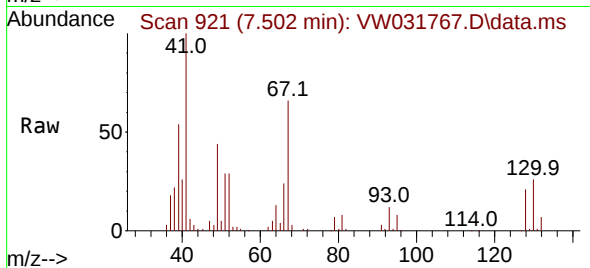




#41
Methacrylonitrile
Concen: 57.124 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

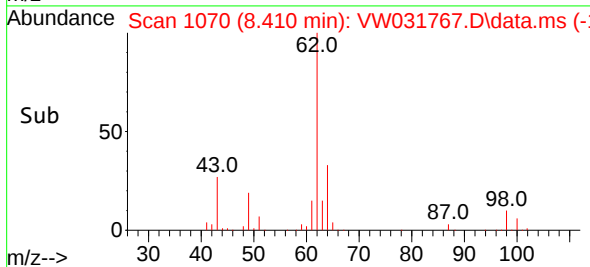
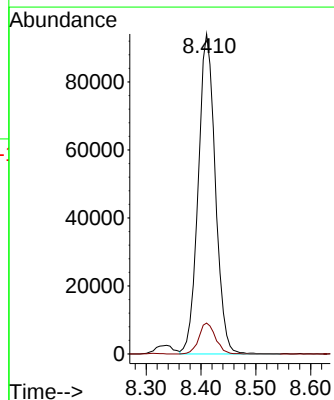
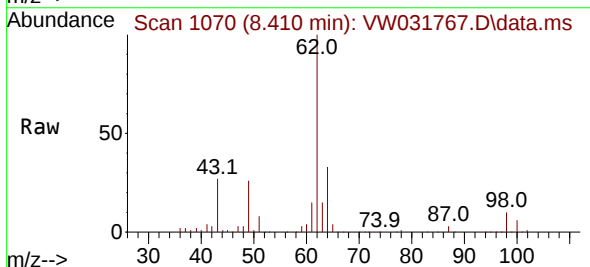
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

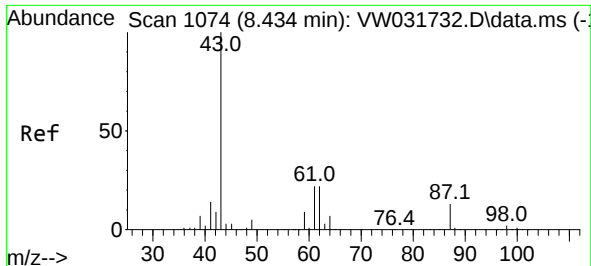
Tgt Ion: 41	Resp: 77051
Ion Ratio	Lower Upper
41 100	
39 54.7	43.2 64.8
67 74.0	58.1 87.1
52 30.3	25.6 38.4



#42
1,2-Dichloroethane
Concen: 51.134 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

Tgt Ion: 62	Resp: 204035
Ion Ratio	Lower Upper
62 100	
98 9.4	0.0 17.2

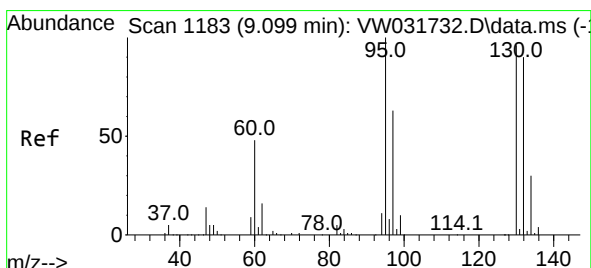
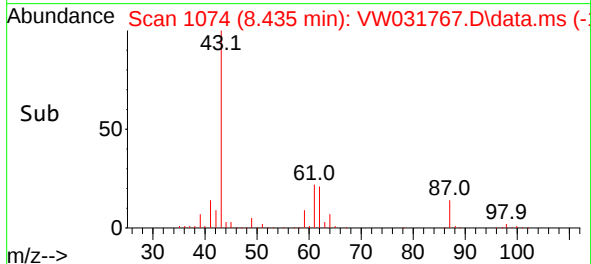
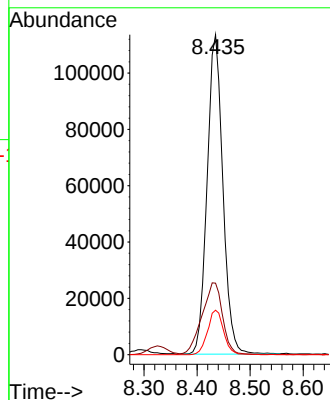
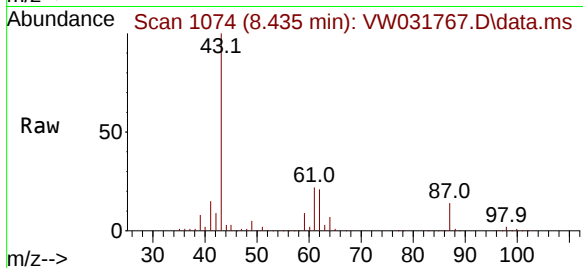




#43
Isopropyl Acetate
Concen: 53.900 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

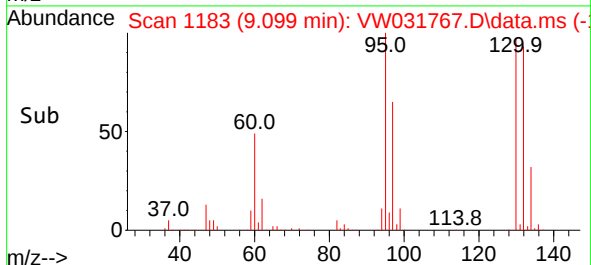
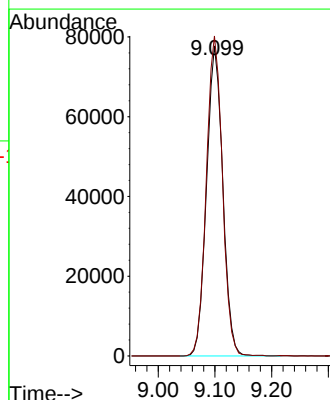
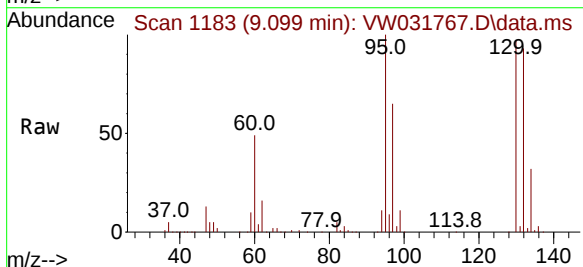
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

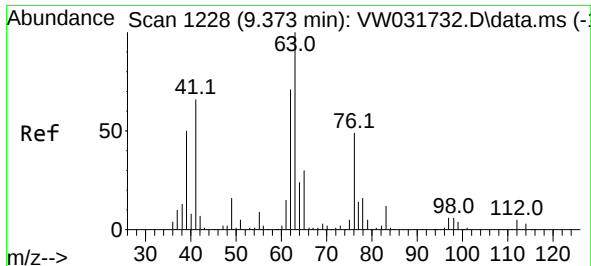
Tgt Ion: 43 Resp: 233944
Ion Ratio Lower Upper
43 100
61 29.0 23.1 34.7
87 14.2 10.8 16.2



#44
Trichloroethene
Concen: 52.407 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

Tgt Ion:130 Resp: 154468
Ion Ratio Lower Upper
130 100
95 103.2 0.0 208.6

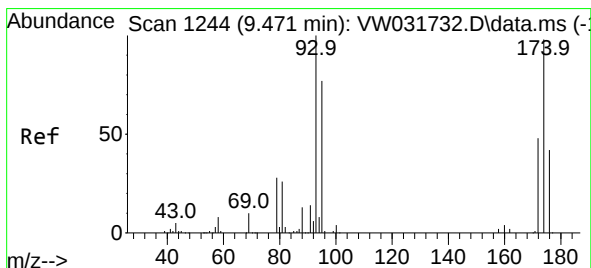
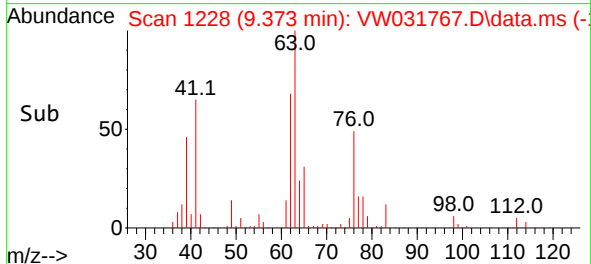
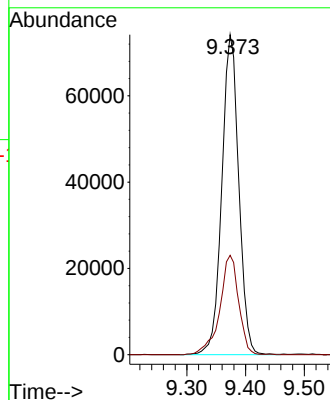
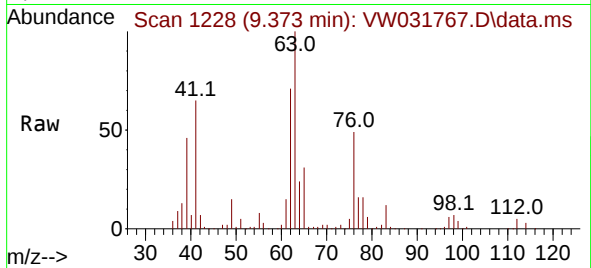




#45
1,2-Dichloropropane
Concen: 52.019 ug/l
RT: 9.373 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

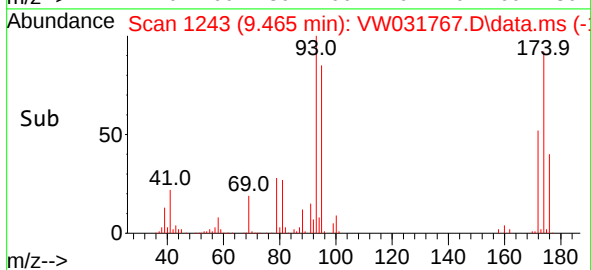
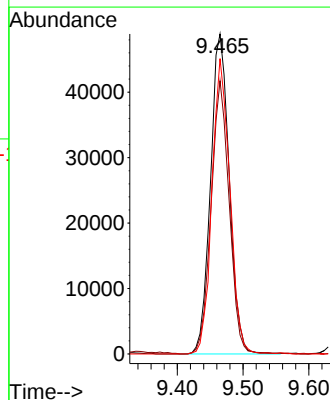
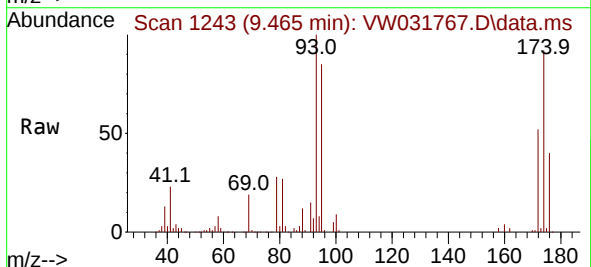
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

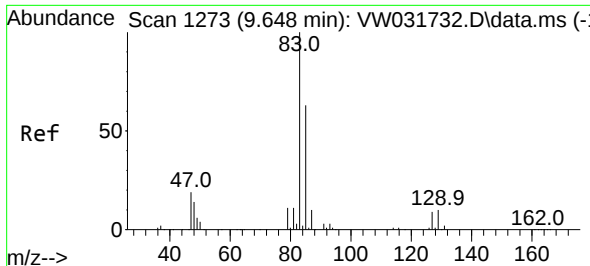
Tgt Ion: 63 Resp: 148469
Ion Ratio Lower Upper
63 100
65 31.1 24.2 36.4



#46
Dibromomethane
Concen: 52.775 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.006 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

Tgt Ion: 93 Resp: 97245
Ion Ratio Lower Upper
93 100
95 82.2 67.0 100.4
174 88.2 71.7 107.5

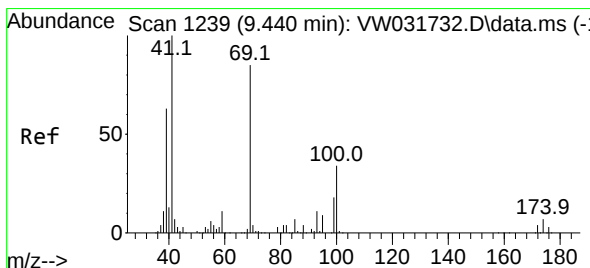
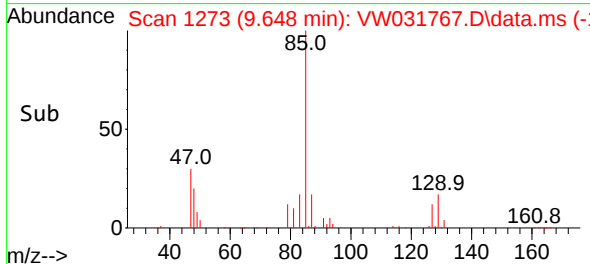
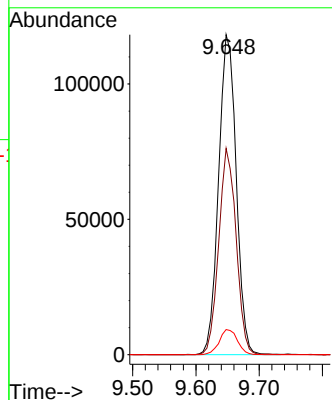
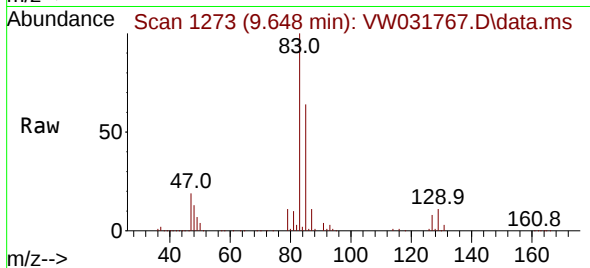




#47
Bromodichloromethane
Concen: 52.770 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

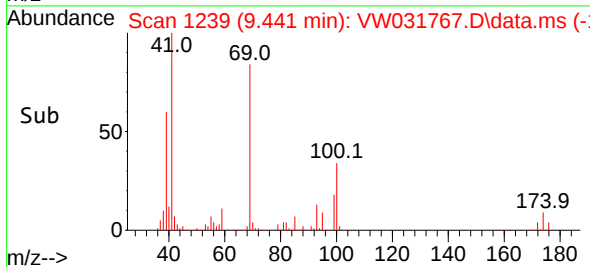
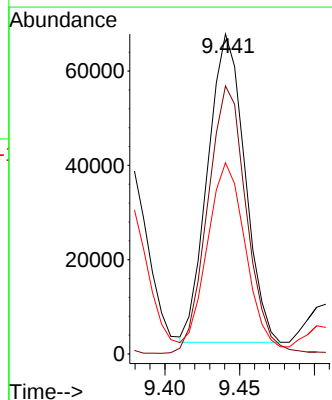
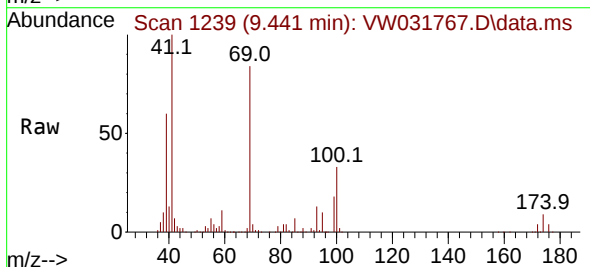
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

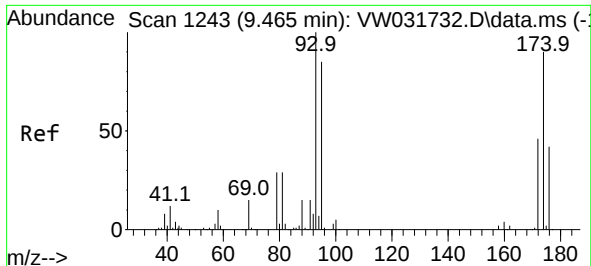
Tgt Ion: 83 Resp: 228018
Ion Ratio Lower Upper
83 100
85 64.5 50.8 76.2
127 7.9 6.8 10.2



#48
Methyl methacrylate
Concen: 52.773 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

Tgt Ion: 41 Resp: 112627
Ion Ratio Lower Upper
41 100
69 91.2 71.6 107.4
39 59.8 49.5 74.3





#49

1,4-Dioxane

Concen: 1134.460 ug/l

RT: 9.465 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031767.D

Acq: 09 Jul 2025 10:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

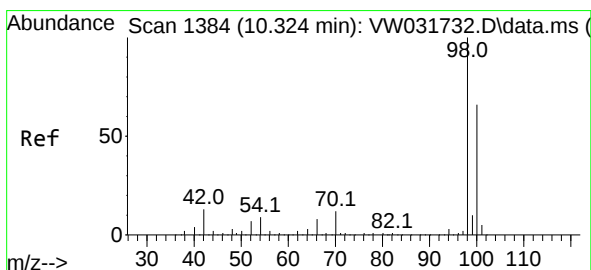
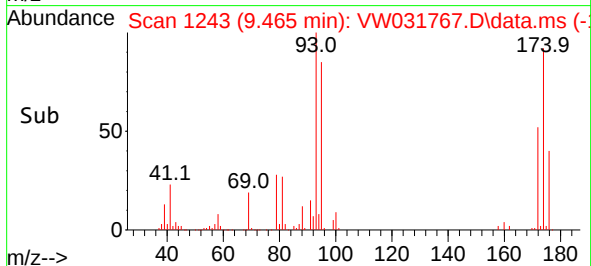
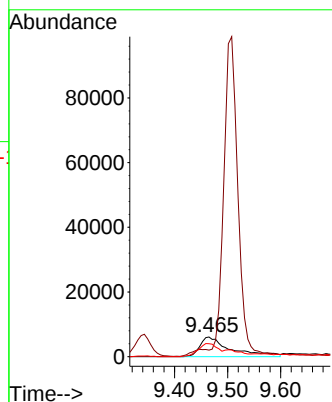
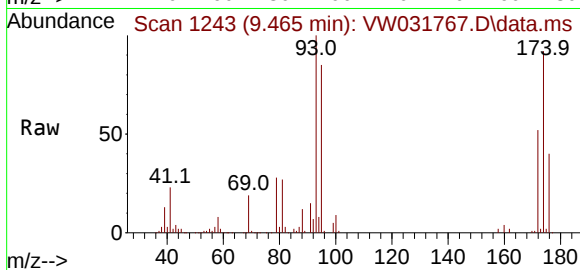
Tgt Ion: 88 Resp: 24483

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 42.3 58.3 87.5#



#50

Toluene-d8

Concen: 50.798 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031767.D

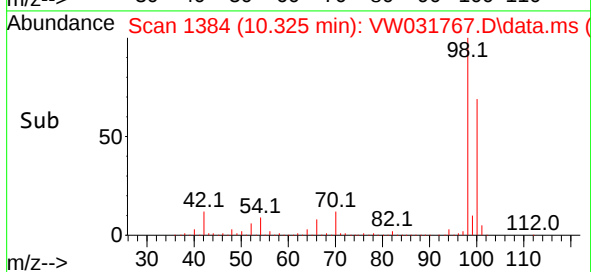
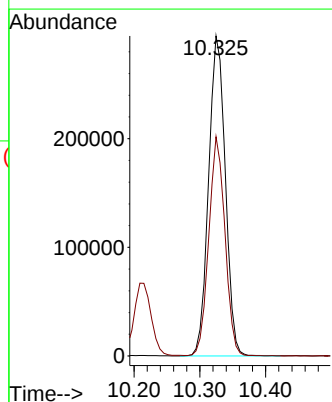
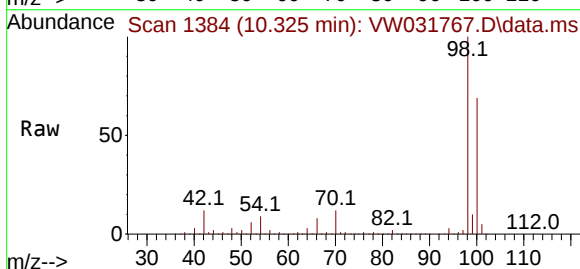
Acq: 09 Jul 2025 10:00

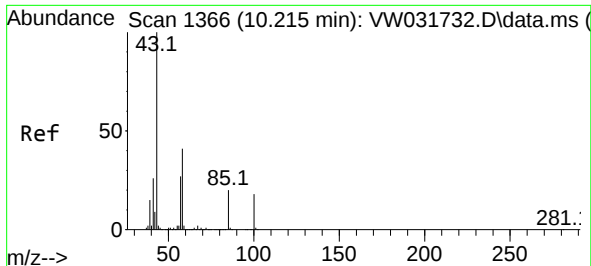
Tgt Ion: 98 Resp: 521437

Ion Ratio Lower Upper

98 100

100 66.2 53.0 79.4

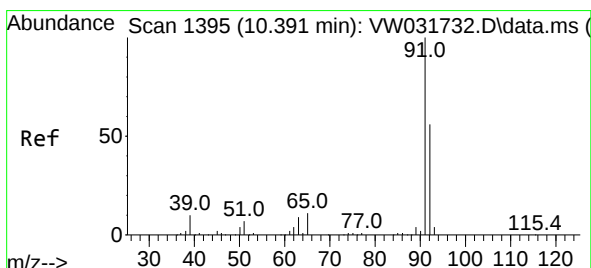
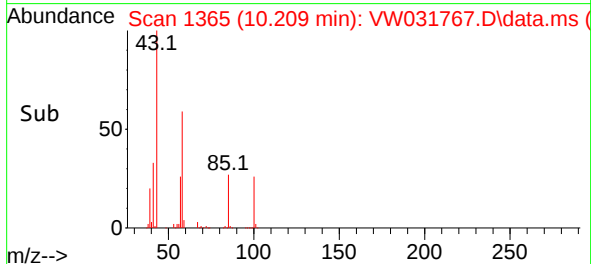
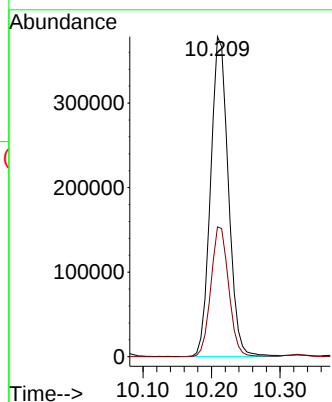
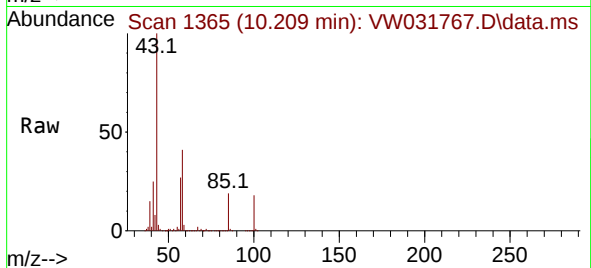




#51
4-Methyl-2-Pentanone
Concen: 273.384 ug/l
RT: 10.209 min Scan# 1365
Delta R.T. -0.006 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

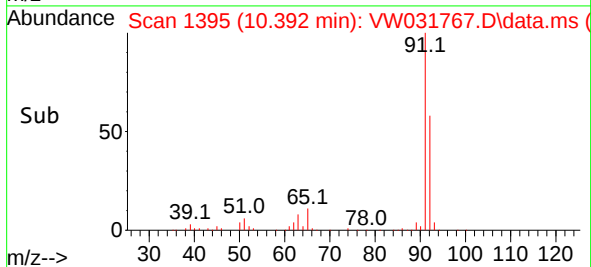
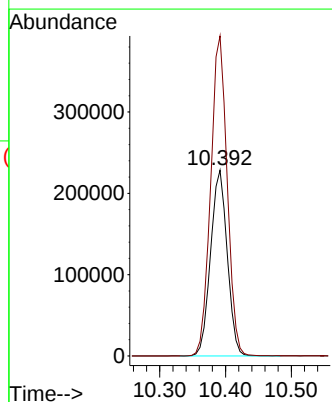
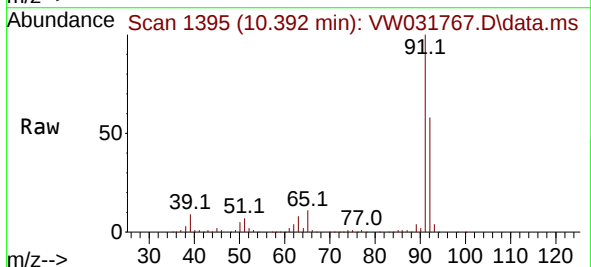
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 682177
Ion Ratio Lower Upper
43 100
58 40.7 32.2 48.2



#52
Toluene
Concen: 53.153 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

Tgt Ion: 92 Resp: 401889
Ion Ratio Lower Upper
92 100
91 171.2 139.5 209.3

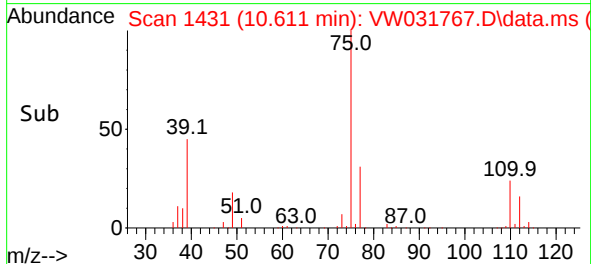
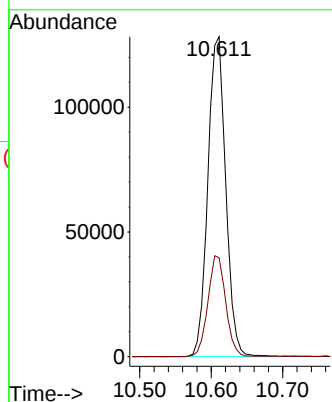
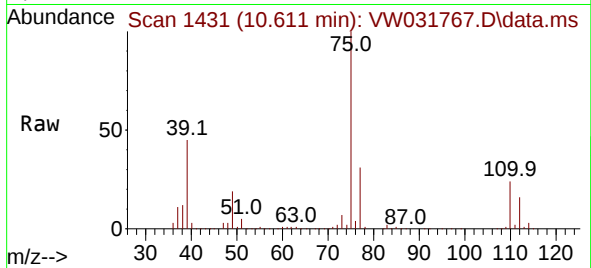




#53
t-1,3-Dichloropropene
Concen: 54.949 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

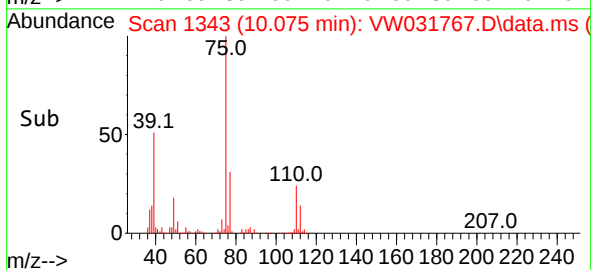
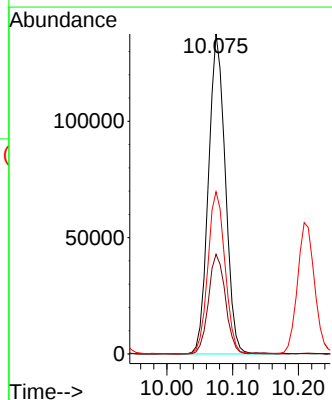
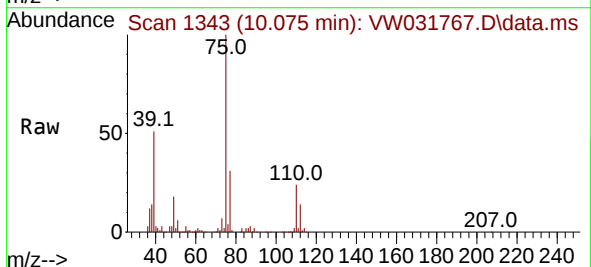
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

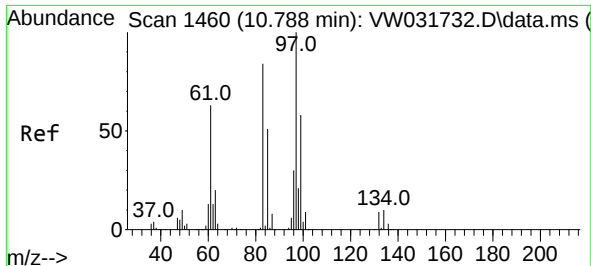
Tgt Ion: 75 Resp: 222773
Ion Ratio Lower Upper
75 100
77 30.9 24.3 36.5



#54
cis-1,3-Dichloropropene
Concen: 53.337 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

Tgt Ion: 75 Resp: 245135
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2
39 50.6 41.8 62.6





#55

1,1,2-Trichloroethane

Concen: 52.142 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW031767.D

Acq: 09 Jul 2025 10:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 125856

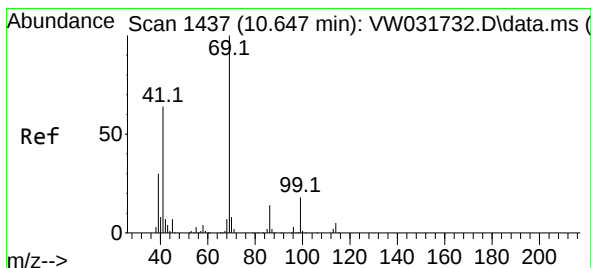
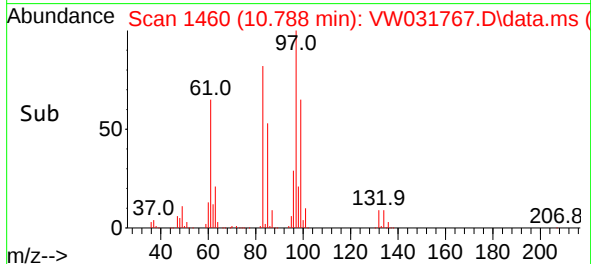
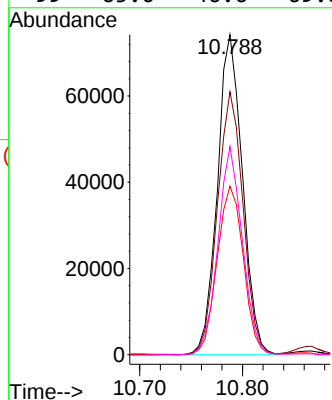
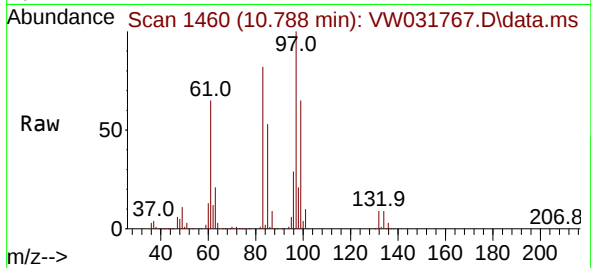
Ion Ratio Lower Upper

97 100

83 82.2 66.9 100.3

85 52.7 41.1 61.7

99 65.0 46.6 69.8



#56

Ethyl methacrylate

Concen: 55.690 ug/l

RT: 10.648 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VW031767.D

Acq: 09 Jul 2025 10:00

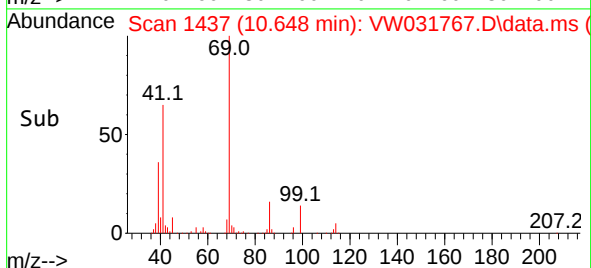
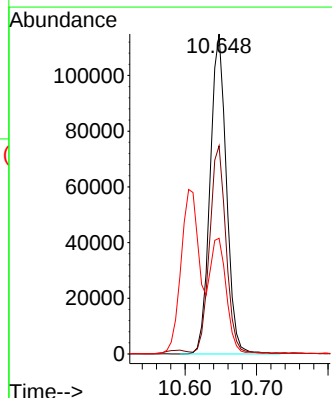
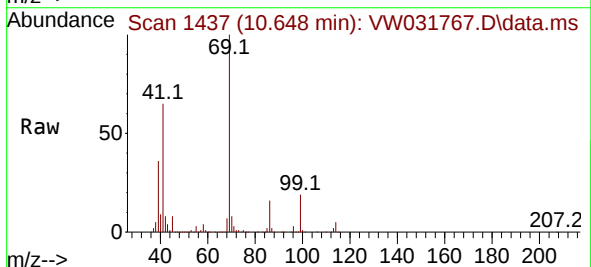
Tgt Ion: 69 Resp: 182364

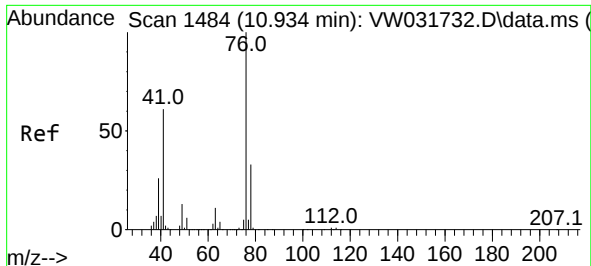
Ion Ratio Lower Upper

69 100

41 65.0 53.3 79.9

39 35.2 30.2 45.2





#57

1,3-Dichloropropane

Concen: 52.170 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031767.D

Acq: 09 Jul 2025 10:00

Instrument :

MSVOA_W

ClientSampleId :

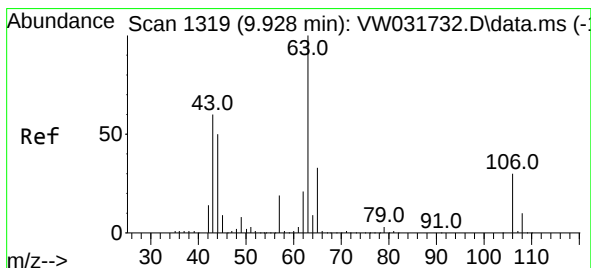
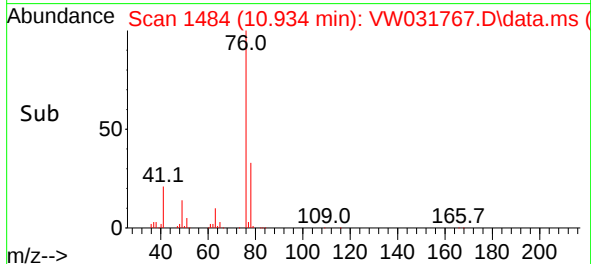
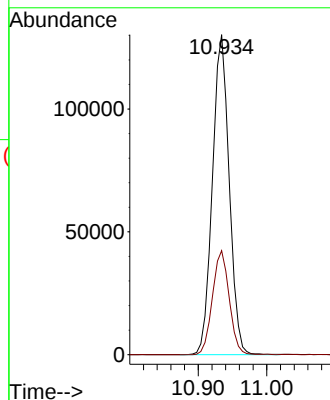
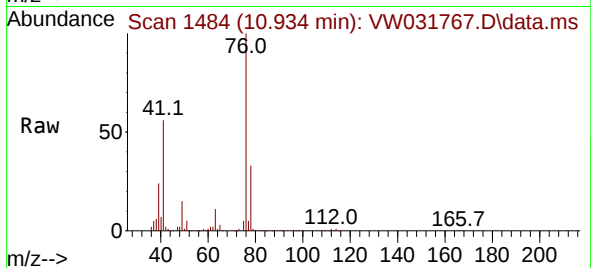
VSTDCCC050

Tgt Ion: 76 Resp: 221086

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 276.291 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031767.D

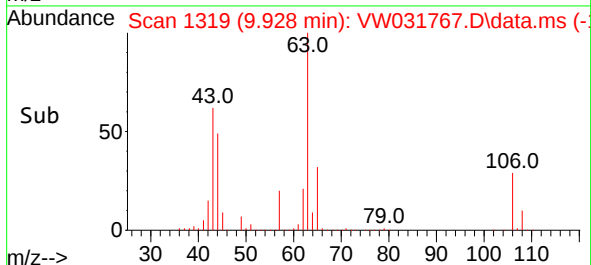
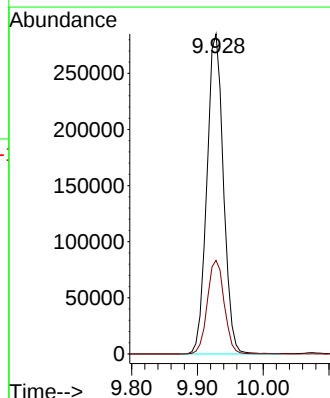
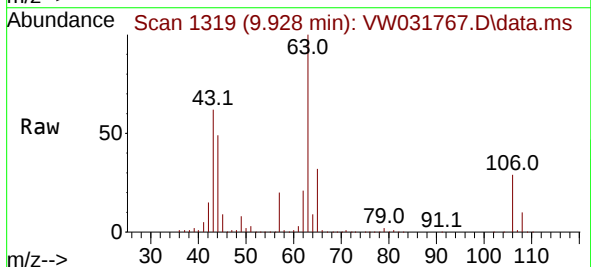
Acq: 09 Jul 2025 10:00

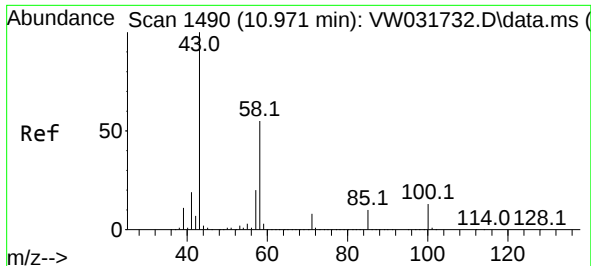
Tgt Ion: 63 Resp: 498195

Ion Ratio Lower Upper

63 100

106 29.9 24.1 36.1

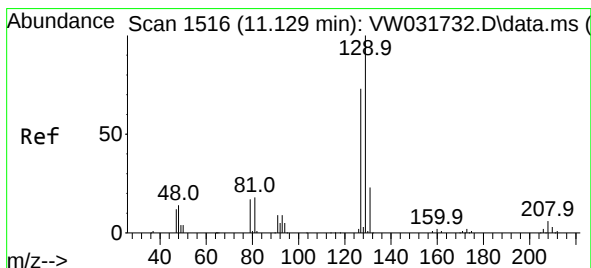
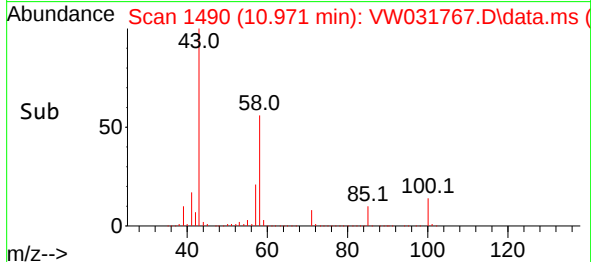
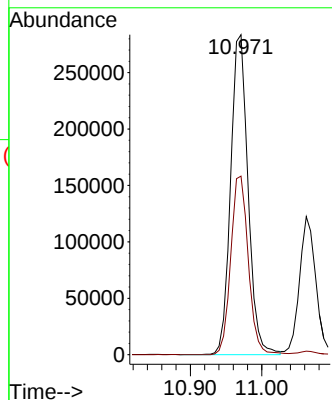
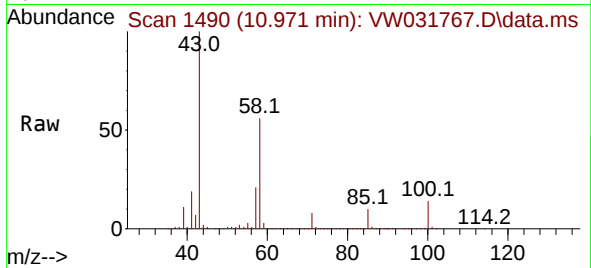




#59
2-Hexanone
Concen: 282.970 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

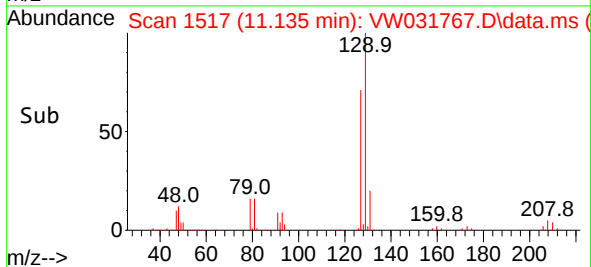
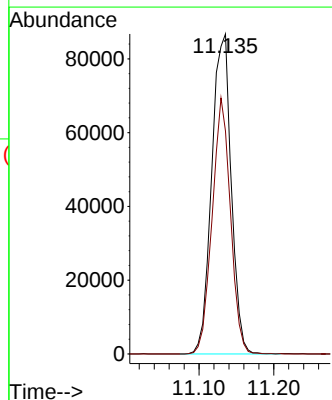
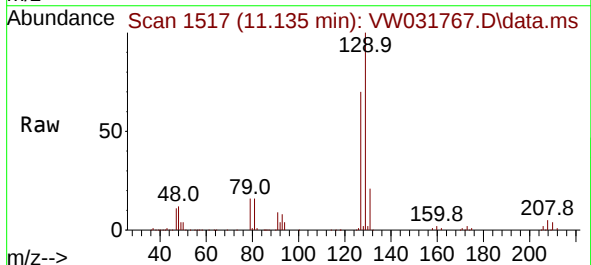
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

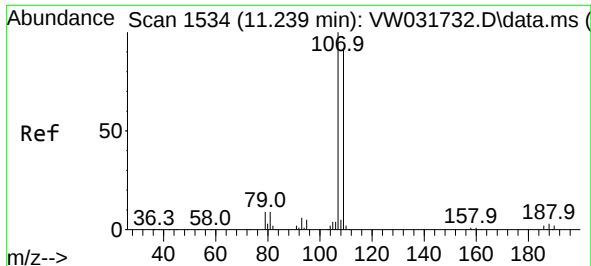
Tgt Ion: 43 Resp: 478479
Ion Ratio Lower Upper
43 100
58 56.5 27.9 83.6



#60
Dibromochloromethane
Concen: 54.465 ug/l
RT: 11.135 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

Tgt Ion:129 Resp: 157206
Ion Ratio Lower Upper
129 100
127 74.9 38.0 114.1

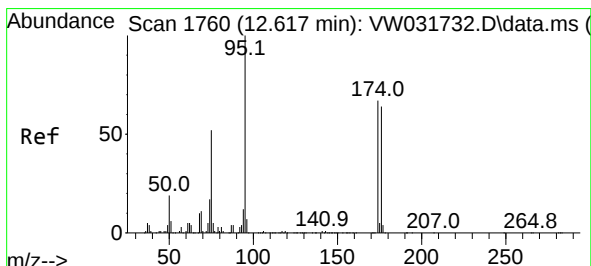
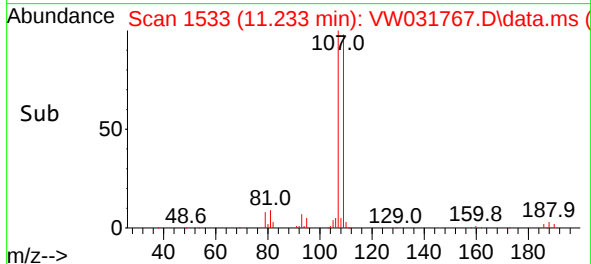
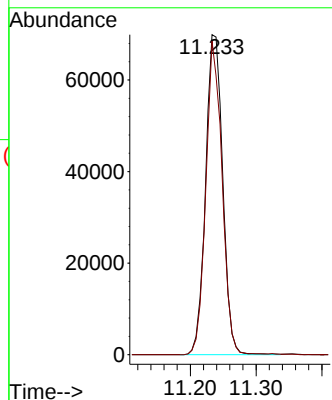
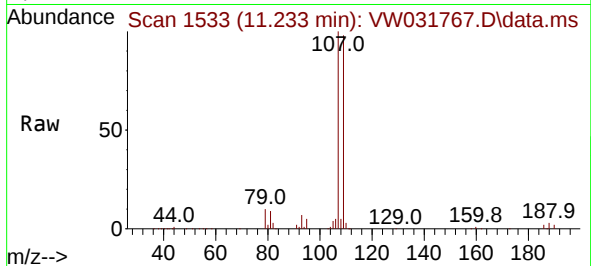




#61
1,2-Dibromoethane
Concen: 52.348 ug/l
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

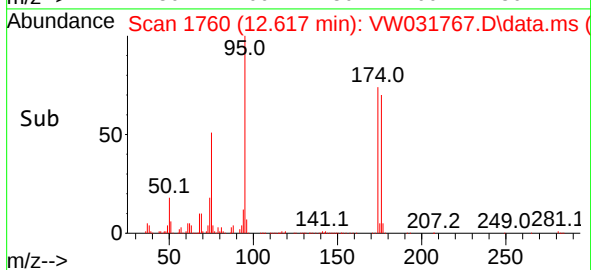
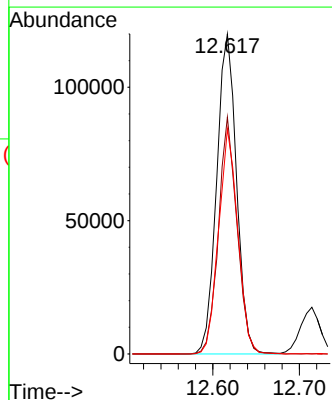
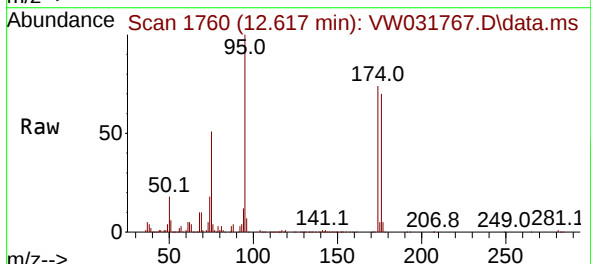
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

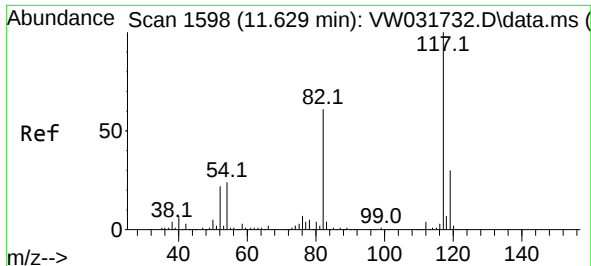
Tgt Ion:107 Resp: 126491
Ion Ratio Lower Upper
107 100
109 92.9 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 50.627 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

Tgt Ion: 95 Resp: 191245
Ion Ratio Lower Upper
95 100
174 69.3 0.0 133.8
176 68.0 0.0 126.0

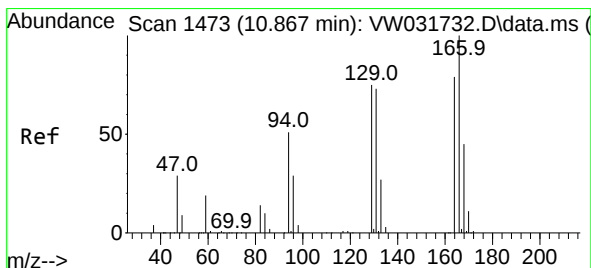
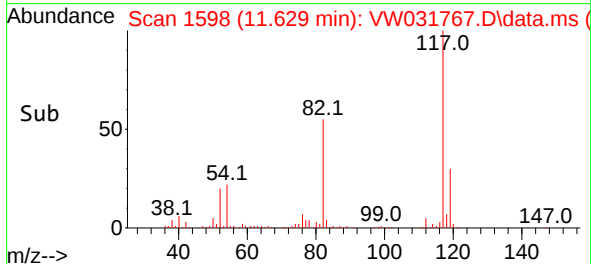
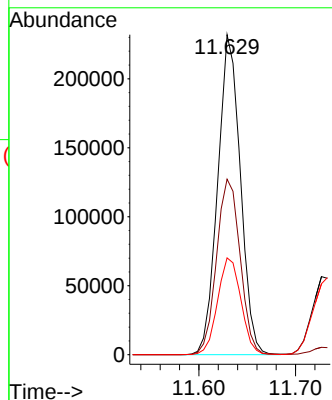
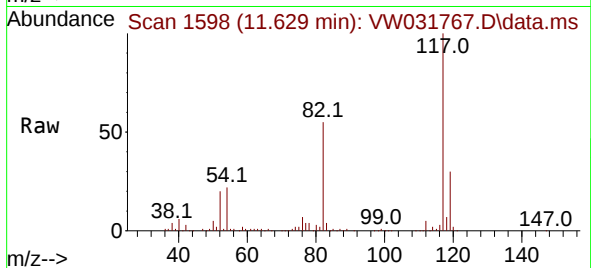




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

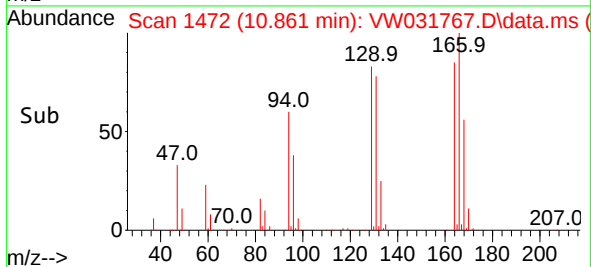
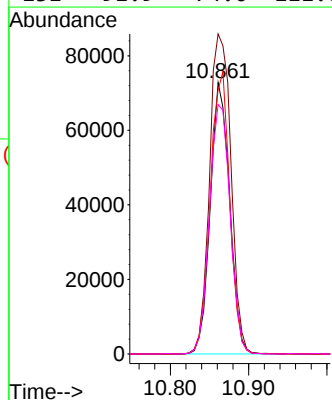
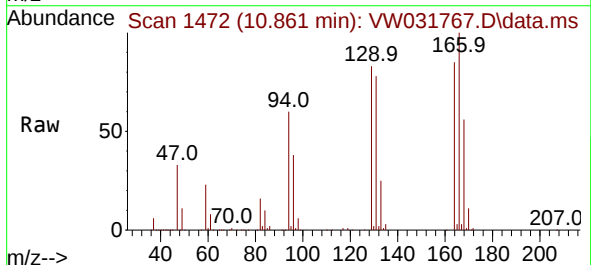
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

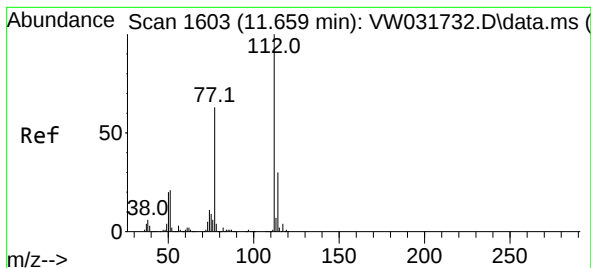
Tgt Ion:117 Resp: 377094
Ion Ratio Lower Upper
117 100
82 54.9 48.6 72.8
119 30.2 23.9 35.9



#64
Tetrachloroethene
Concen: 50.637 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

Tgt Ion:164 Resp: 124904
Ion Ratio Lower Upper
164 100
166 117.9 100.7 151.1
129 97.3 75.4 113.0
131 91.9 74.0 111.0





#65

Chlorobenzene

Concen: 53.435 ug/l

RT: 11.654 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031767.D

Acq: 09 Jul 2025 10:00

Instrument :

MSVOA_W

ClientSampleId :

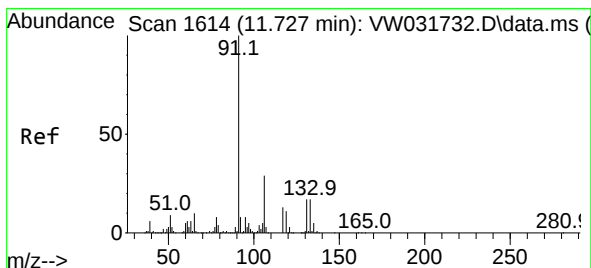
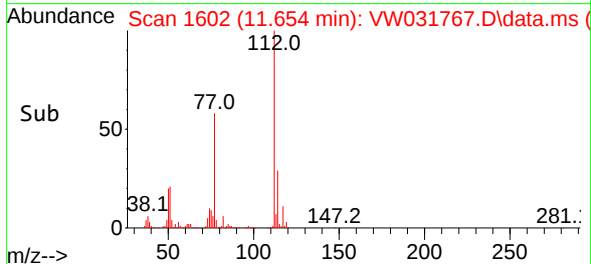
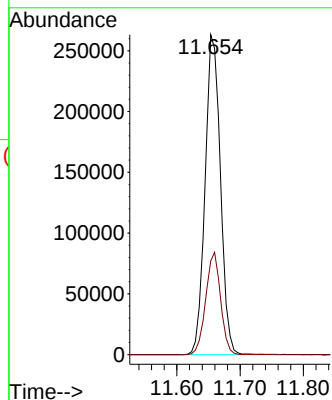
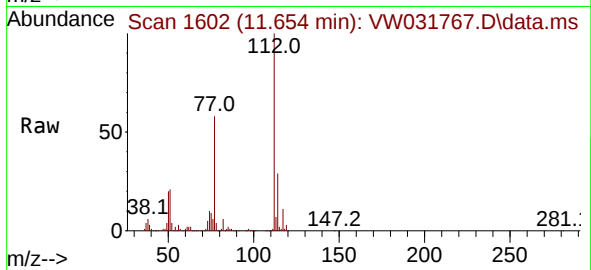
VSTDCCC050

Tgt Ion:112 Resp: 444577

Ion Ratio Lower Upper

112 100

114 29.3 23.8 35.8



#66

1,1,1,2-Tetrachloroethane

Concen: 52.503 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.006 min

Lab File: VW031767.D

Acq: 09 Jul 2025 10:00

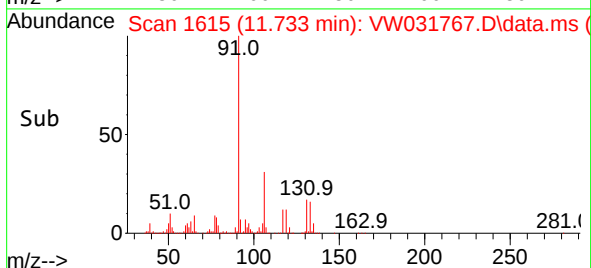
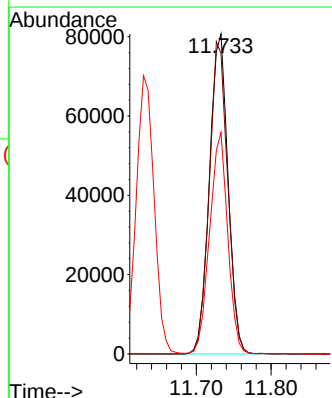
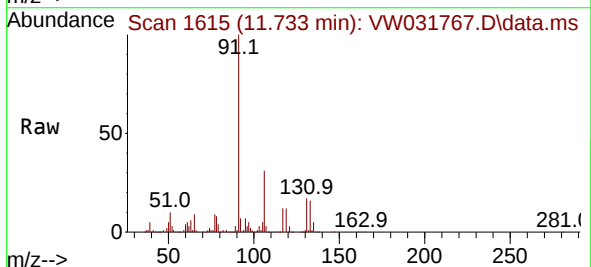
Tgt Ion:131 Resp: 139201

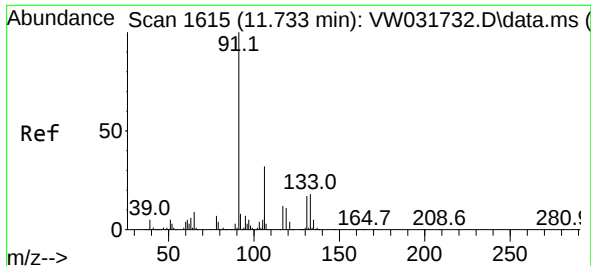
Ion Ratio Lower Upper

131 100

133 97.1 48.5 145.6

119 67.6 32.5 97.5

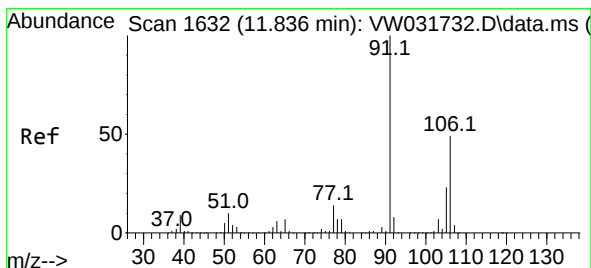
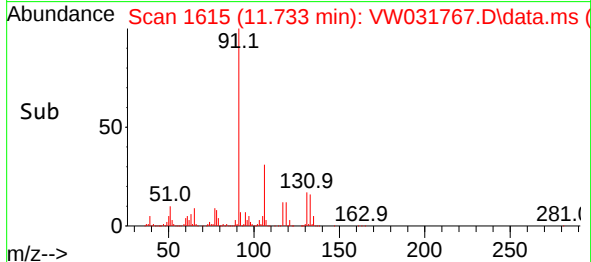
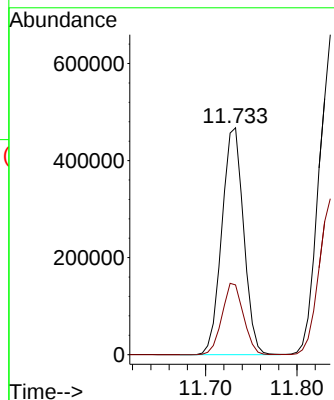
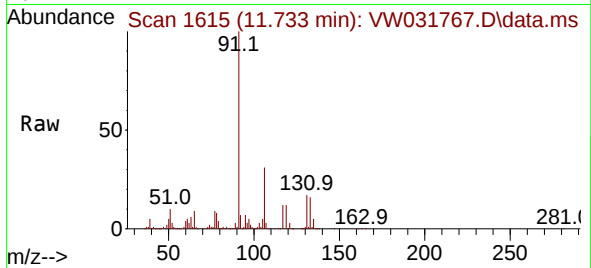




#67
Ethyl Benzene
Concen: 53.772 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

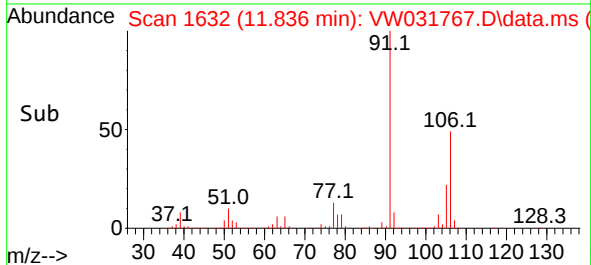
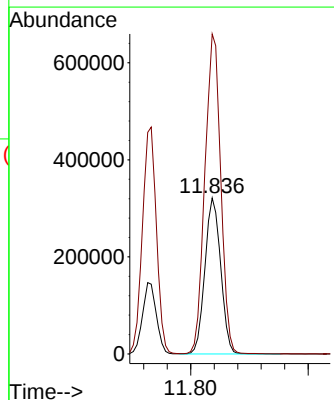
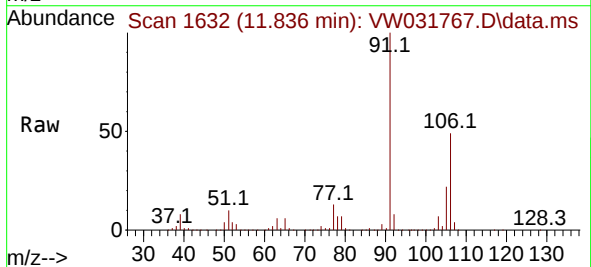
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 775778
Ion Ratio Lower Upper
91 100
106 30.7 25.4 38.2



#68
m/p-Xylenes
Concen: 107.620 ug/l
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

Tgt Ion:106 Resp: 596862
Ion Ratio Lower Upper
106 100
91 206.9 166.4 249.6

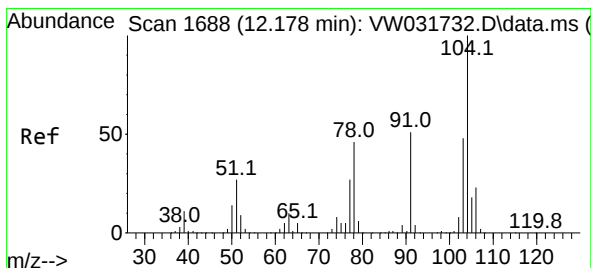
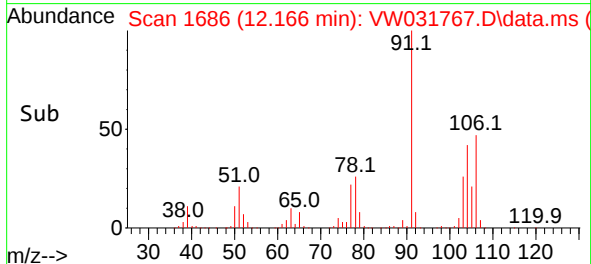
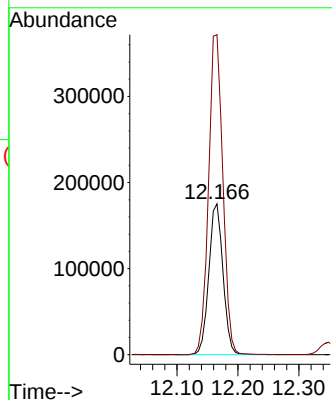
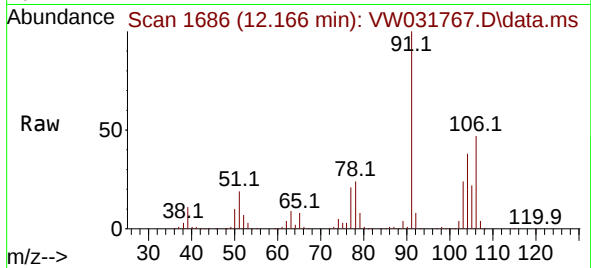




#69
o-Xylene
Concen: 55.094 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

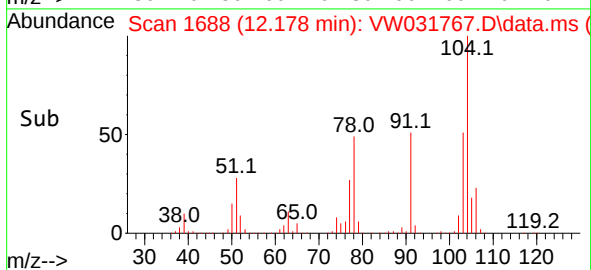
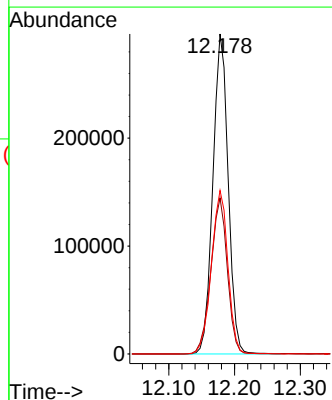
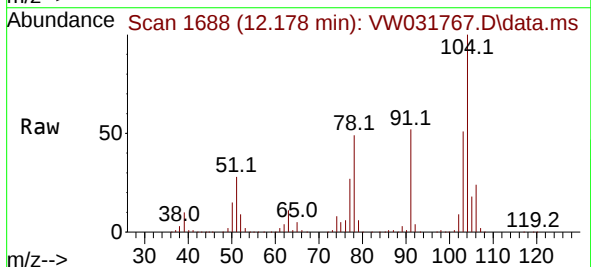
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

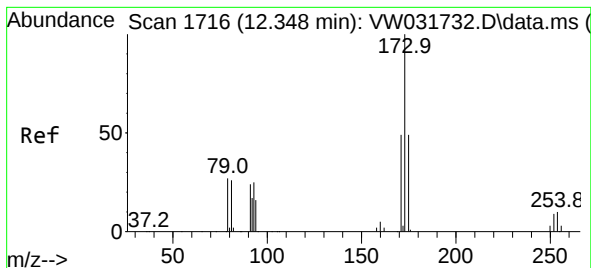
Tgt Ion:106 Resp: 282911
Ion Ratio Lower Upper
106 100
91 214.6 111.5 334.4



#70
Styrene
Concen: 54.068 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

Tgt Ion:104 Resp: 479978
Ion Ratio Lower Upper
104 100
78 52.4 42.1 63.1
103 55.3 43.0 64.6





#71

Bromoform

Concen: 56.842 ug/l

RT: 12.349 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031767.D

Acq: 09 Jul 2025 10:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

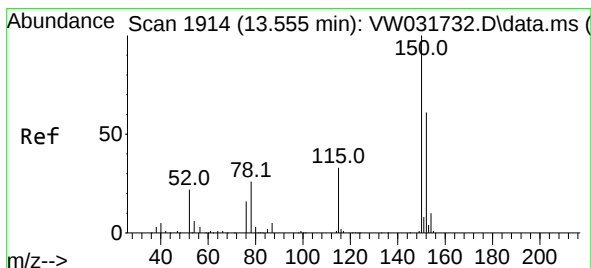
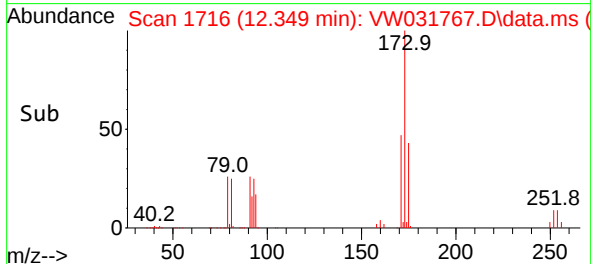
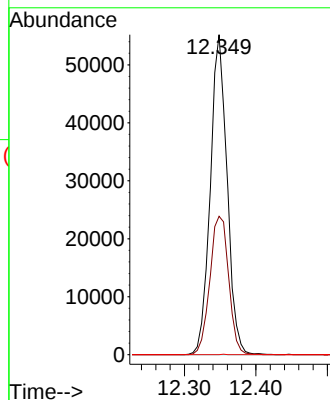
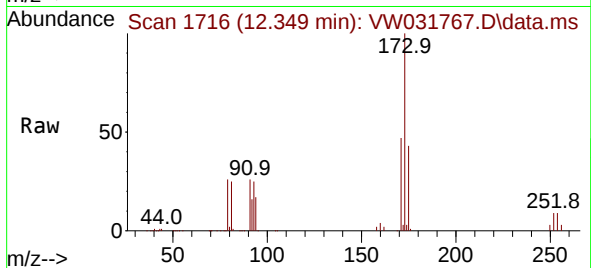
Tgt Ion:173 Resp: 89905

Ion Ratio Lower Upper

173 100

175 48.4 24.0 72.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW031767.D

Acq: 09 Jul 2025 10:00

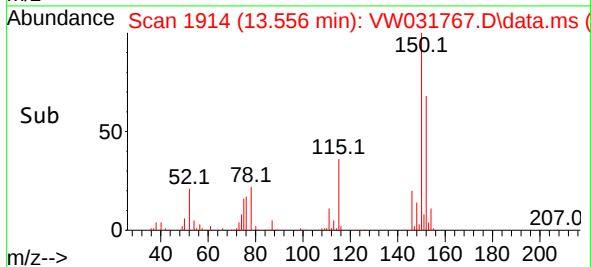
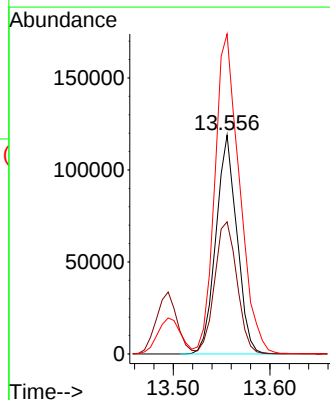
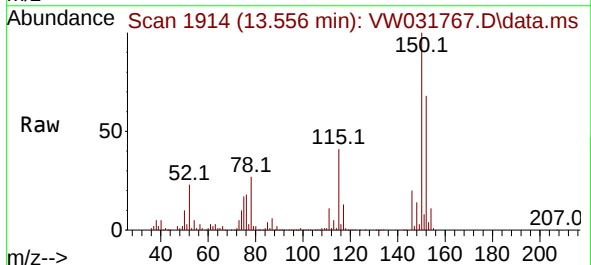
Tgt Ion:152 Resp: 179078

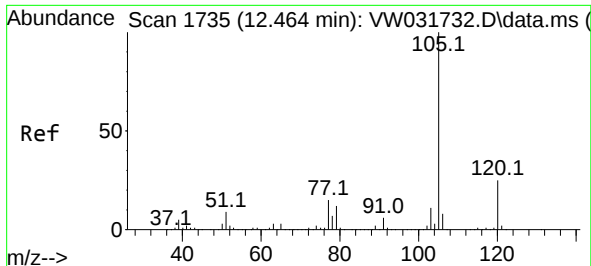
Ion Ratio Lower Upper

152 100

115 64.2 31.9 95.7

150 172.3 0.0 356.4

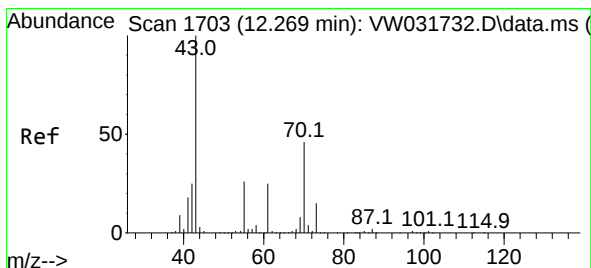
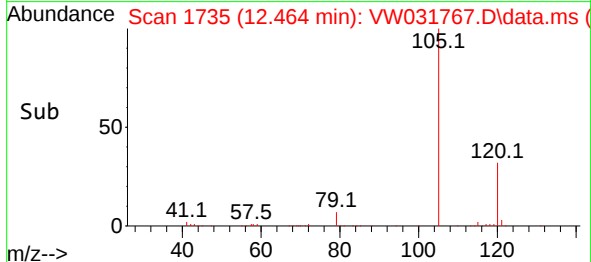
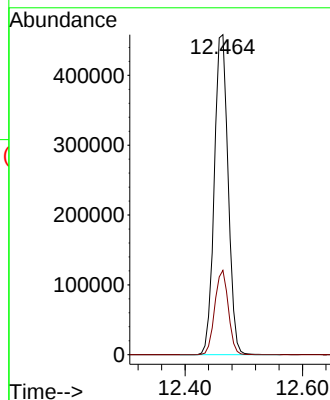
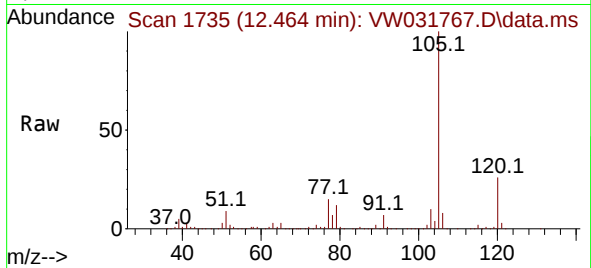




#73
Isopropylbenzene
Concen: 54.917 ug/l
RT: 12.464 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

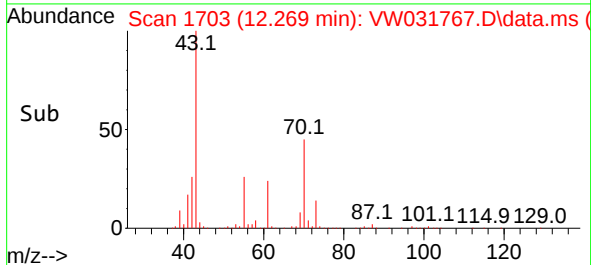
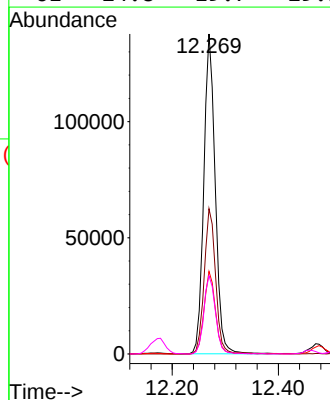
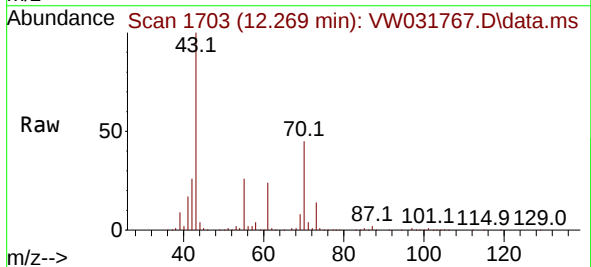
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

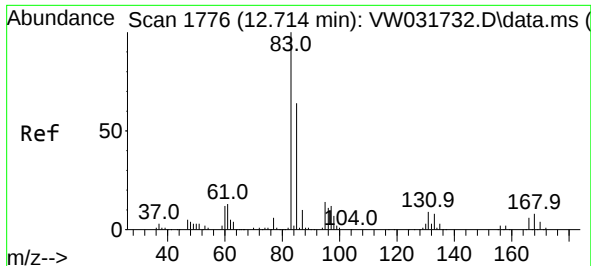
Tgt Ion:105 Resp: 748062
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.4



#74
N-ethyl acetate
Concen: 56.018 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

Tgt Ion: 43 Resp: 205671
Ion Ratio Lower Upper
43 100
70 45.3 36.0 54.0
55 26.2 20.8 31.2
61 24.8 19.7 29.5

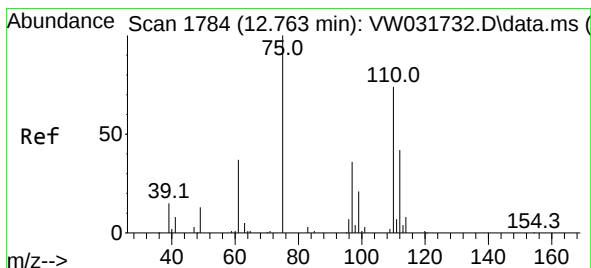
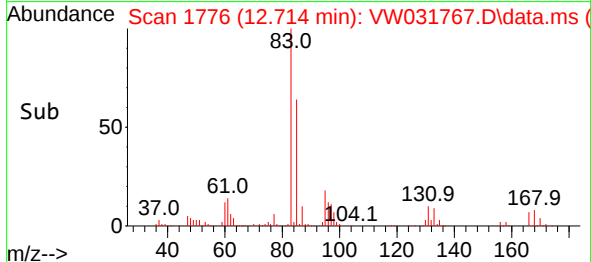
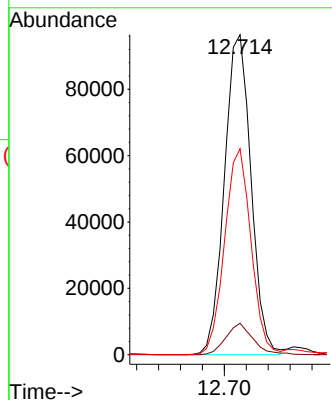
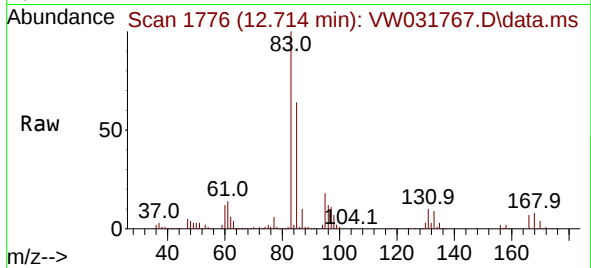




#75
1,1,2,2-Tetrachloroethane
Concen: 53.691 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

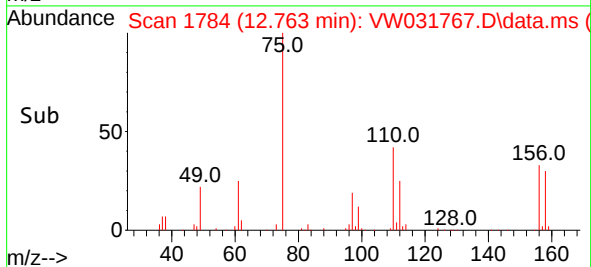
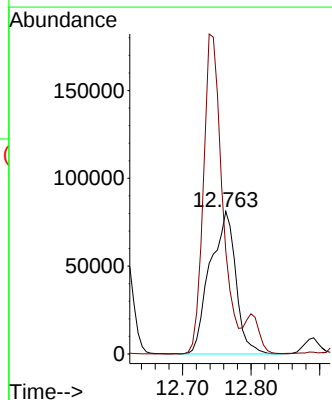
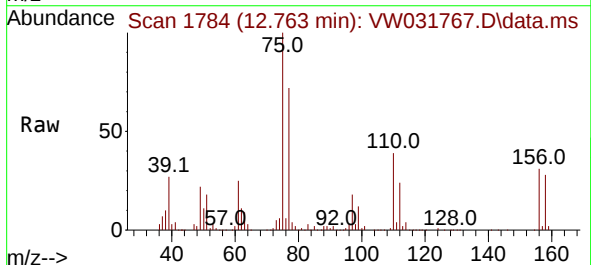
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

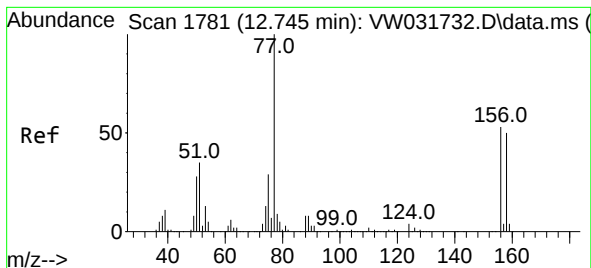
Tgt Ion: 83 Resp: 162369
Ion Ratio Lower Upper
83 100
131 10.0 5.3 16.1
85 63.9 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 91.378 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

Tgt Ion: 75 Resp: 211466
Ion Ratio Lower Upper
75 100
77 0.0 141.2 423.6#





#77

Bromobenzene

Concen: 54.654 ug/l

RT: 12.745 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VW031767.D

Acq: 09 Jul 2025 10:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

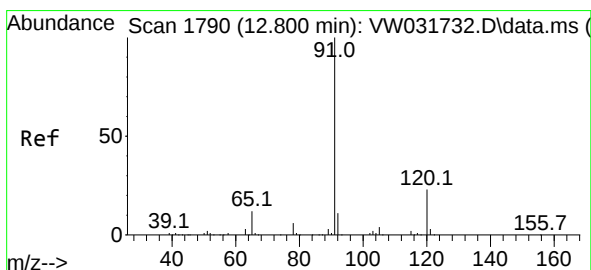
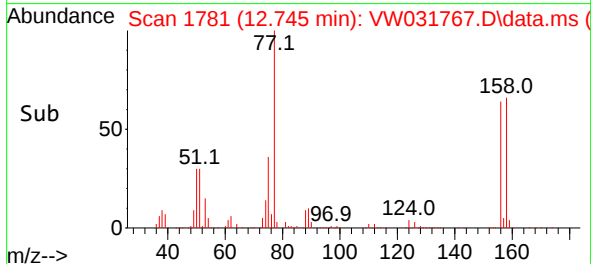
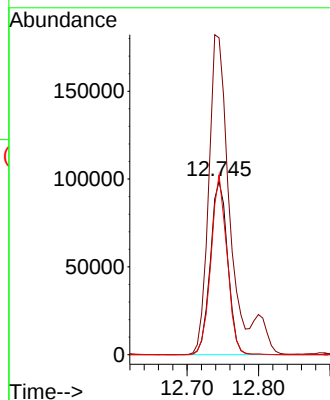
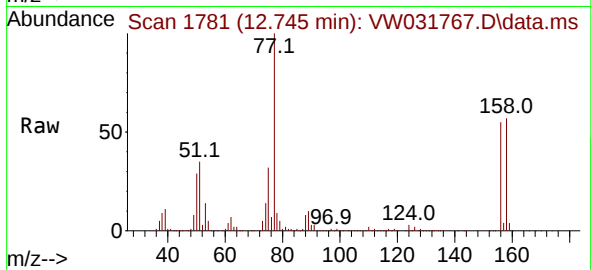
Tgt Ion:156 Resp: 166043

Ion Ratio Lower Upper

156 100

77 209.3 117.9 353.7

158 96.6 52.6 157.8



#78

n-propylbenzene

Concen: 53.075 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW031767.D

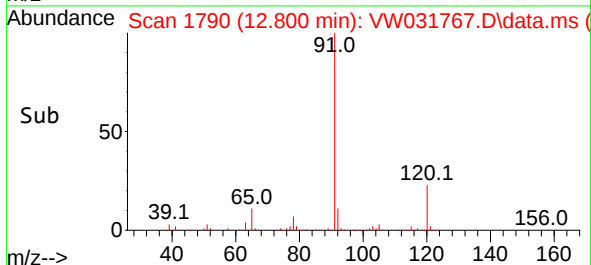
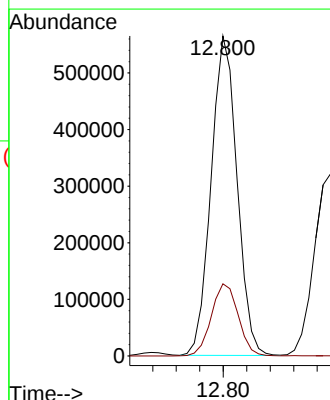
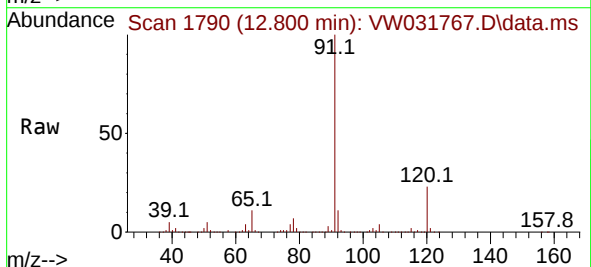
Acq: 09 Jul 2025 10:00

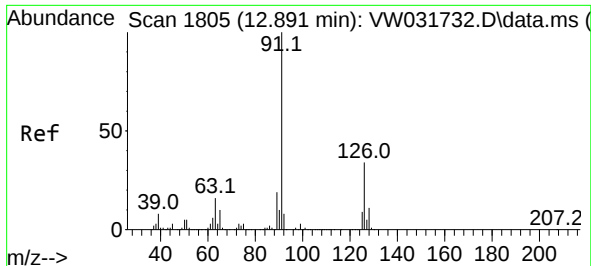
Tgt Ion: 91 Resp: 865732

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4

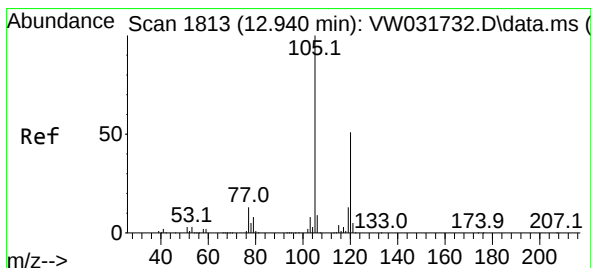
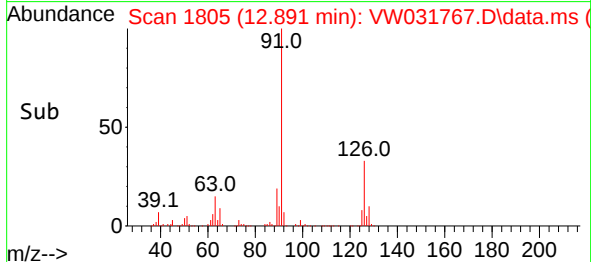
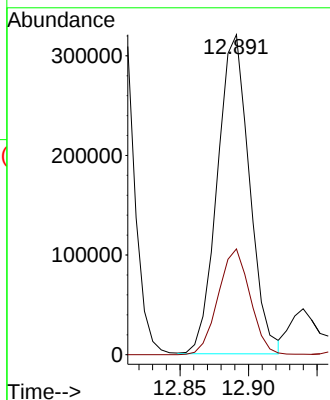
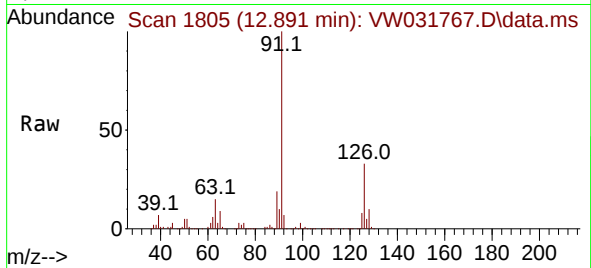




#79
2-Chlorotoluene
Concen: 53.166 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

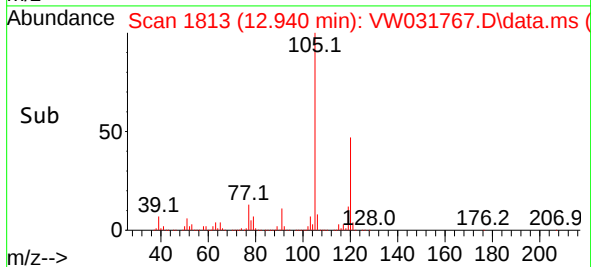
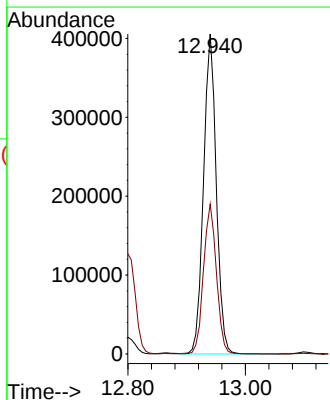
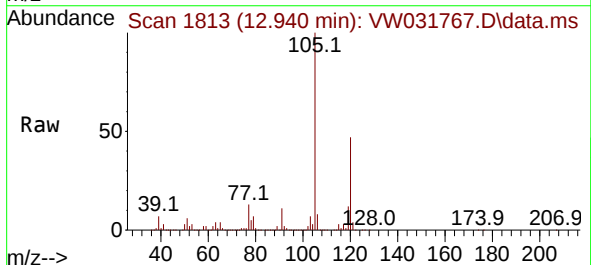
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

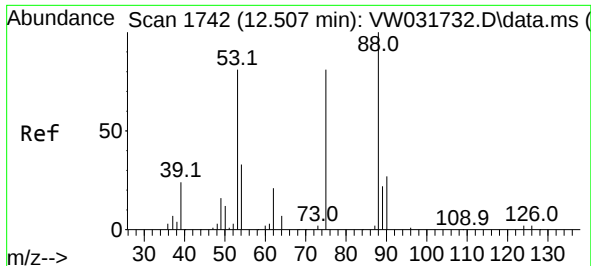
Tgt Ion: 91 Resp: 522222
Ion Ratio Lower Upper
91 100
126 32.9 15.8 47.4



#80
1,3,5-Trimethylbenzene
Concen: 54.273 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

Tgt Ion: 105 Resp: 611949
Ion Ratio Lower Upper
105 100
120 47.5 23.8 71.2

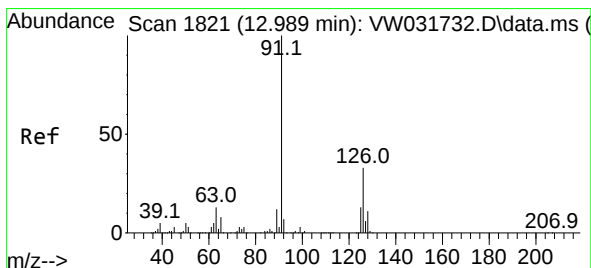
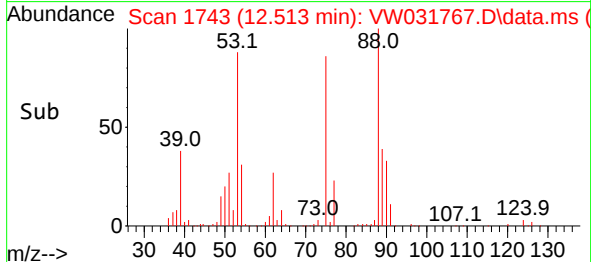
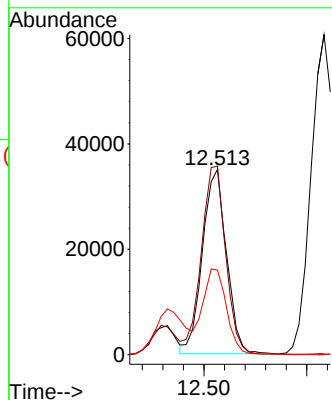
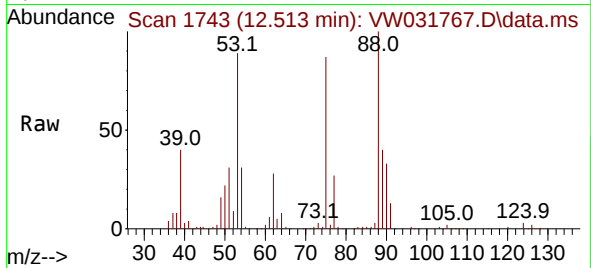




#81
trans-1,4-Dichloro-2-butene
Concen: 57.083 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

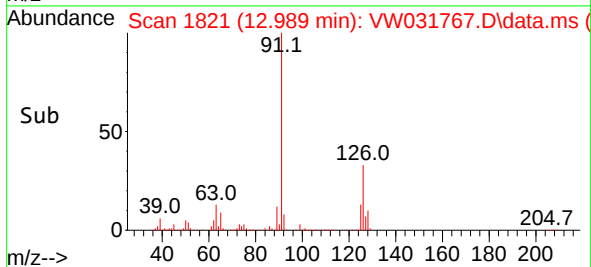
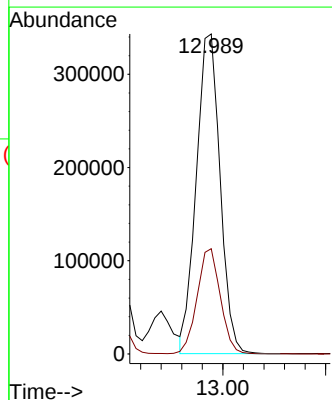
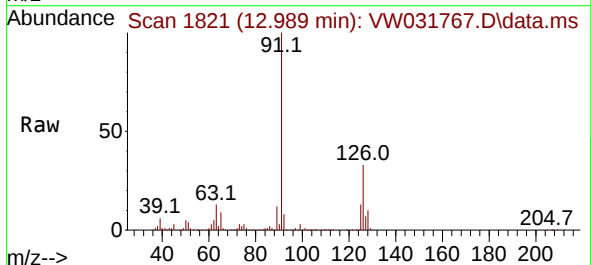
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

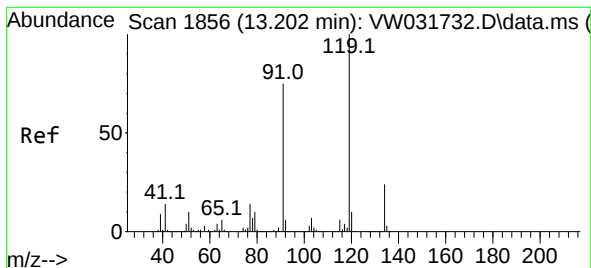
Tgt Ion: 75 Resp: 56716
Ion Ratio Lower Upper
75 100
53 104.7 83.5 125.3
89 46.1 38.3 57.5



#82
4-Chlorotoluene
Concen: 53.517 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

Tgt Ion: 91 Resp: 551892
Ion Ratio Lower Upper
91 100
126 32.3 16.0 47.9

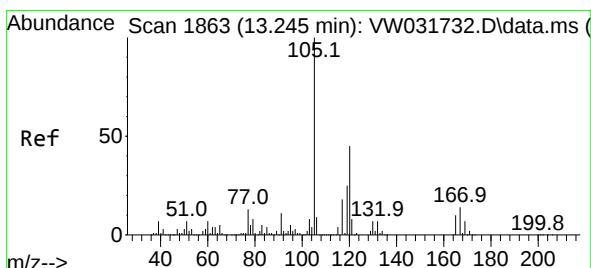
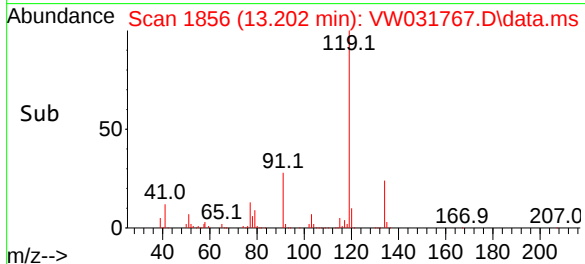
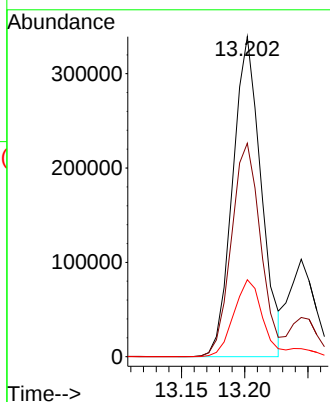
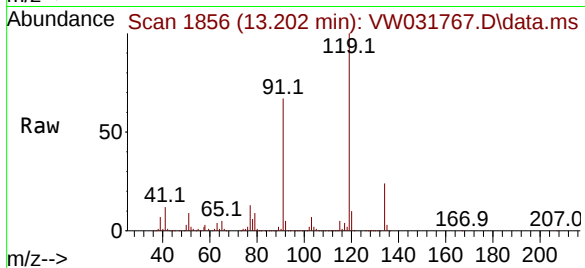




#83
 tert-Butylbenzene
 Concen: 55.080 ug/l
 RT: 13.202 min Scan# 1856
 Delta R.T. 0.000 min
 Lab File: VW031767.D
 Acq: 09 Jul 2025 10:00

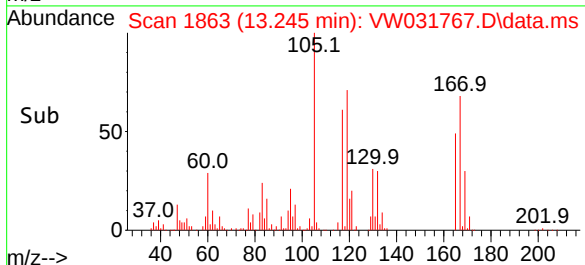
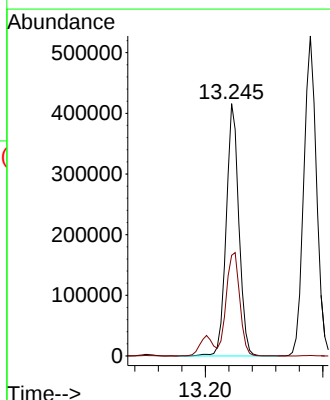
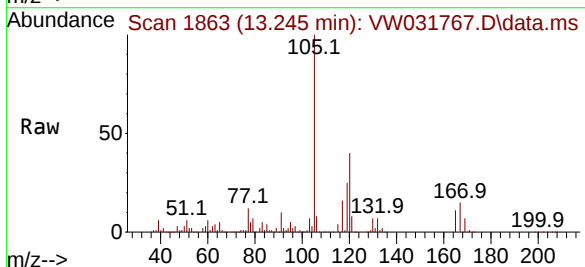
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:119 Resp: 531985
 Ion Ratio Lower Upper
 119 100
 91 69.5 36.0 108.1
 134 24.3 12.4 37.2



#84
 1,2,4-Trimethylbenzene
 Concen: 54.403 ug/l
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW031767.D
 Acq: 09 Jul 2025 10:00

Tgt Ion:105 Resp: 621516
 Ion Ratio Lower Upper
 105 100
 120 43.7 22.1 66.1





#85

sec-Butylbenzene

Concen: 54.649 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW031767.D

Acq: 09 Jul 2025 10:00

Instrument :

MSVOA_W

ClientSampleId :

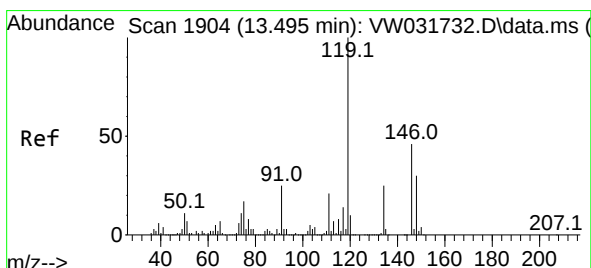
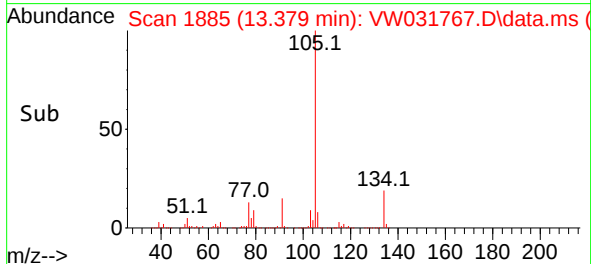
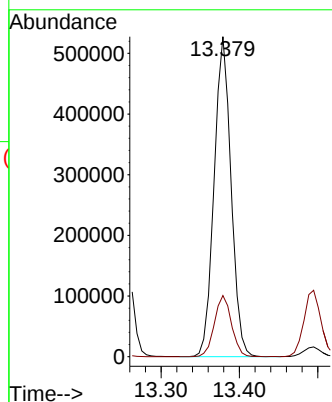
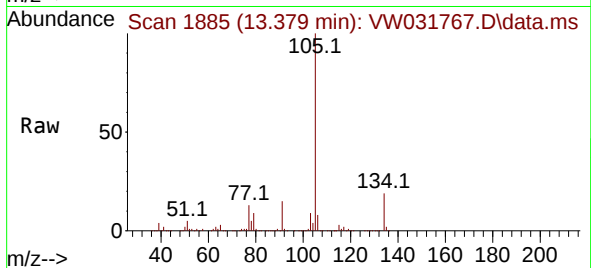
VSTDCCC050

Tgt Ion:105 Resp: 792244

Ion Ratio Lower Upper

105 100

134 19.3 9.6 28.8



#86

p-Isopropyltoluene

Concen: 55.212 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031767.D

Acq: 09 Jul 2025 10:00

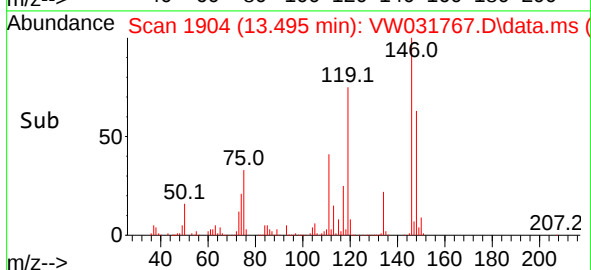
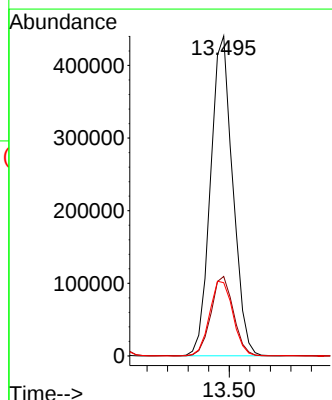
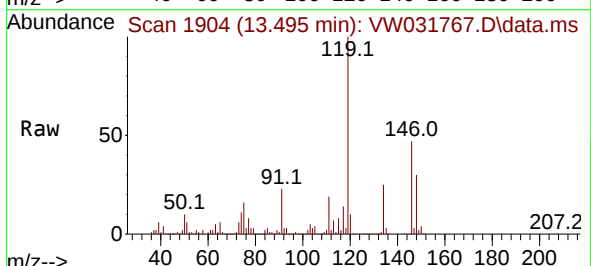
Tgt Ion:119 Resp: 659648

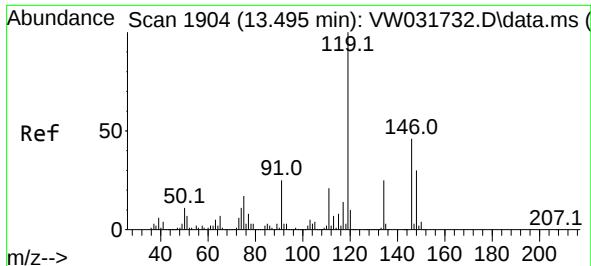
Ion Ratio Lower Upper

119 100

134 25.1 12.9 38.7

91 24.7 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 52.975 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031767.D

Acq: 09 Jul 2025 10:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

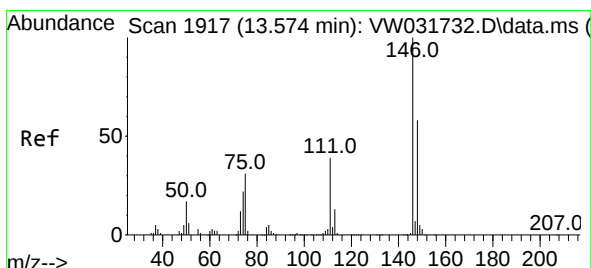
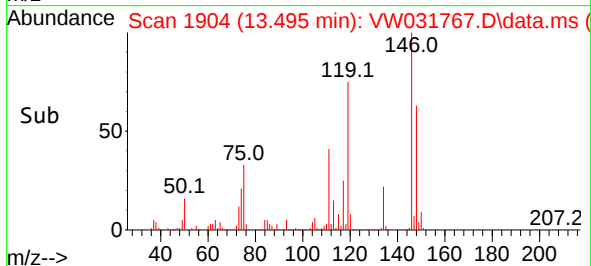
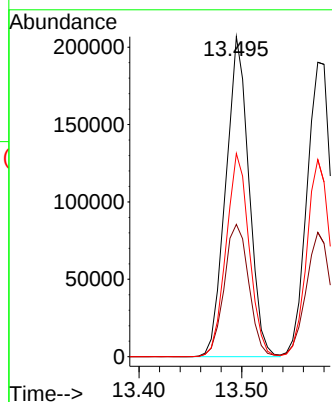
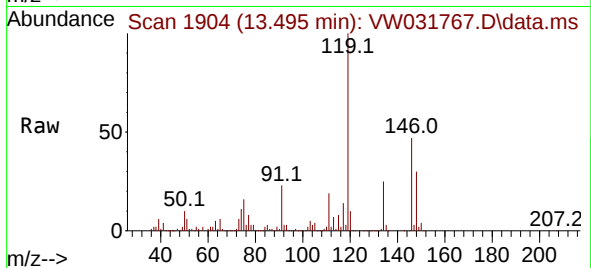
Tgt Ion:146 Resp: 322764

Ion Ratio Lower Upper

146 100

111 44.0 22.3 66.9

148 63.5 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 50.977 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031767.D

Acq: 09 Jul 2025 10:00

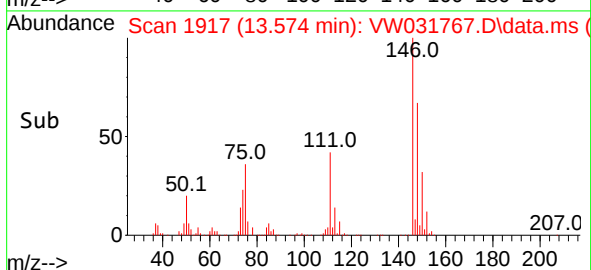
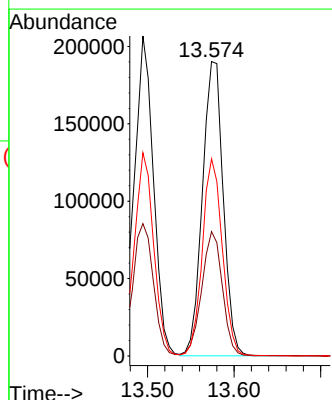
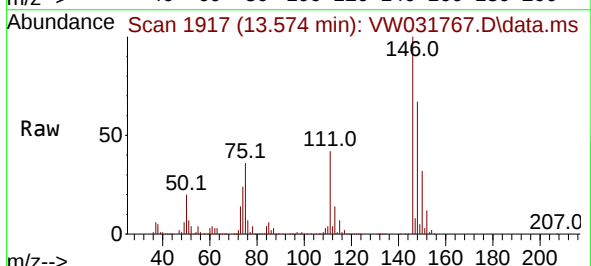
Tgt Ion:146 Resp: 317905

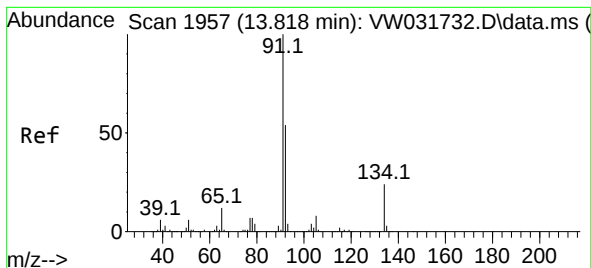
Ion Ratio Lower Upper

146 100

111 41.7 20.4 61.3

148 64.1 30.2 90.6





#89

n-Butylbenzene

Concen: 54.295 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW031767.D

Acq: 09 Jul 2025 10:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

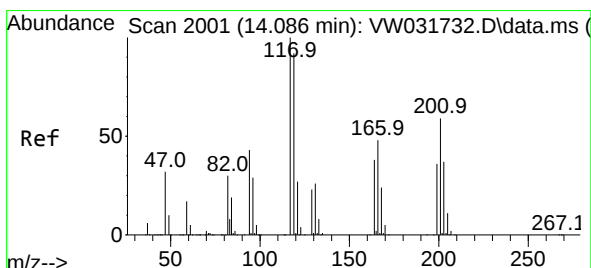
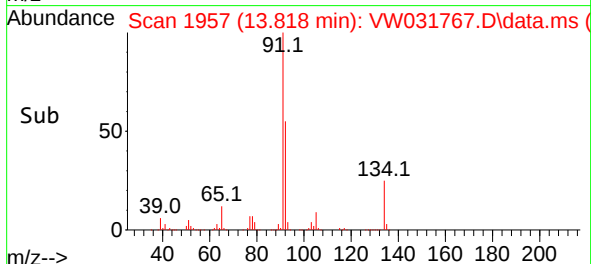
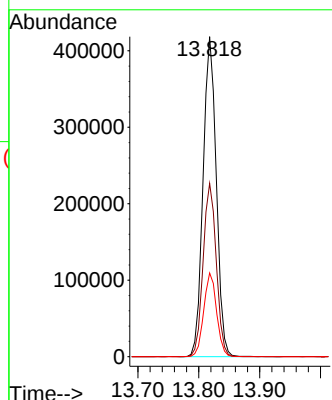
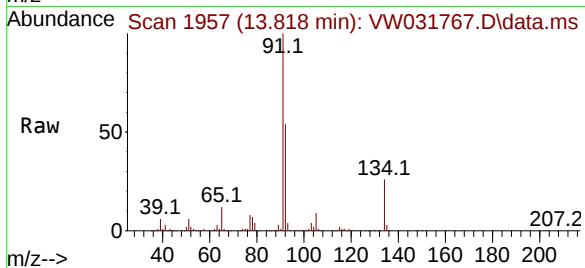
Tgt Ion: 91 Resp: 630269

Ion Ratio Lower Upper

91 100

92 53.9 27.2 81.5

134 25.6 12.2 36.6



#90

Hexachloroethane

Concen: 52.627 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW031767.D

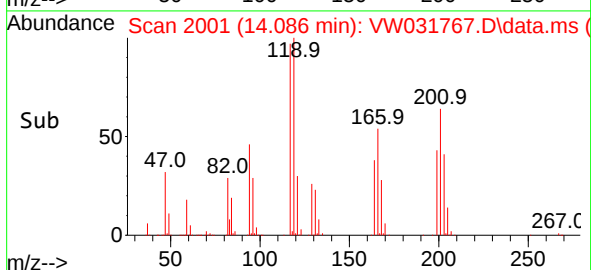
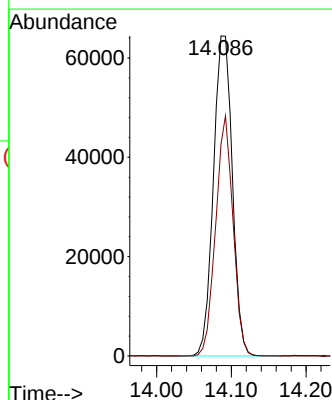
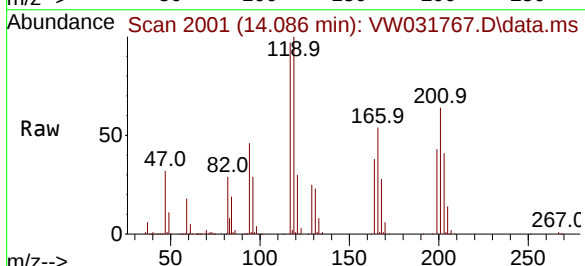
Acq: 09 Jul 2025 10:00

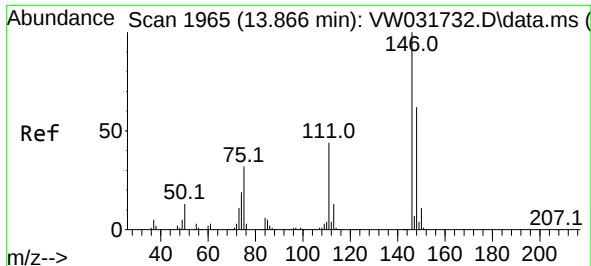
Tgt Ion: 117 Resp: 113434

Ion Ratio Lower Upper

117 100

201 68.8 31.1 93.3

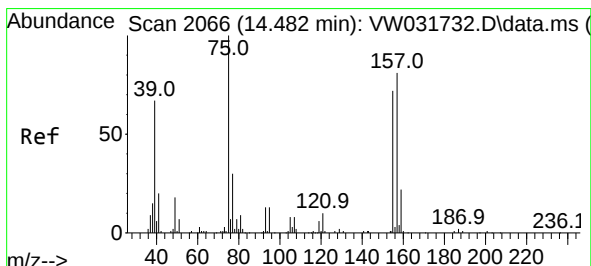
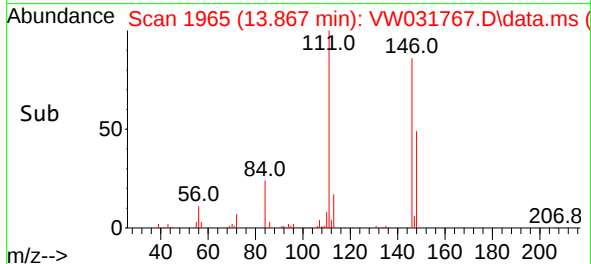
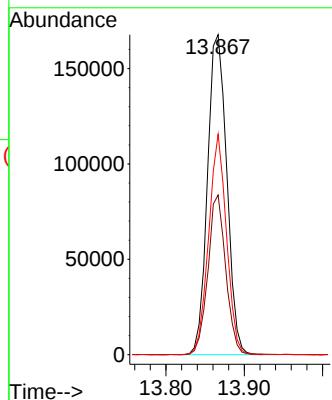
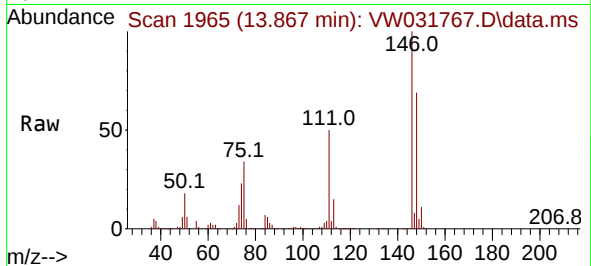




#91
1,2-Dichlorobenzene
Concen: 51.439 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

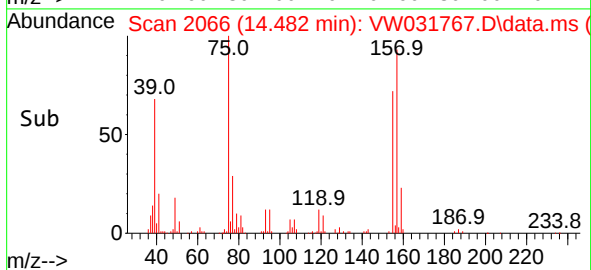
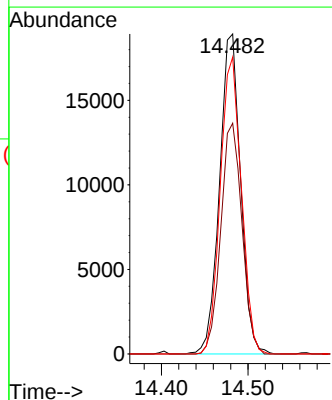
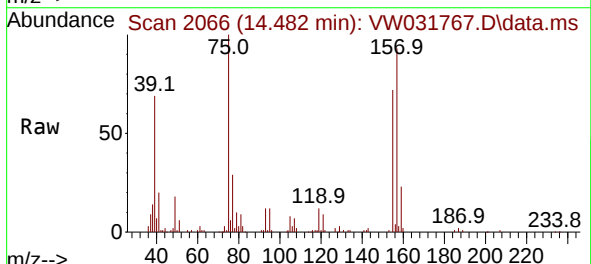
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

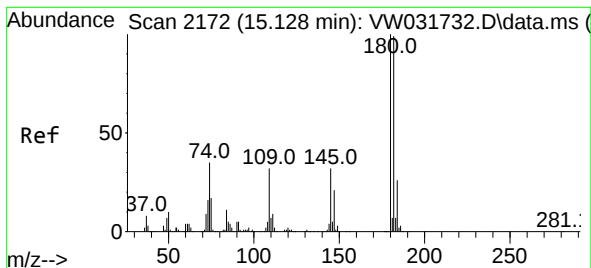
Tgt Ion:146 Resp: 286451
Ion Ratio Lower Upper
146 100
111 46.3 21.7 65.1
148 63.7 29.8 89.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.150 ug/l
RT: 14.482 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

Tgt Ion: 75 Resp: 31975
Ion Ratio Lower Upper
75 100
155 72.5 37.2 111.6
157 92.7 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 52.520 ug/l

RT: 15.122 min Scan# 2172

Delta R.T. -0.006 min

Lab File: VW031767.D

Acq: 09 Jul 2025 10:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

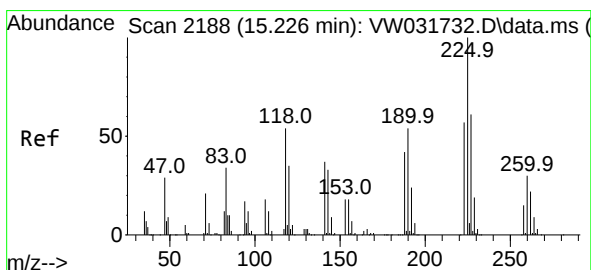
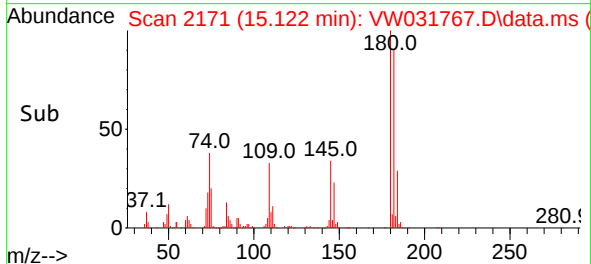
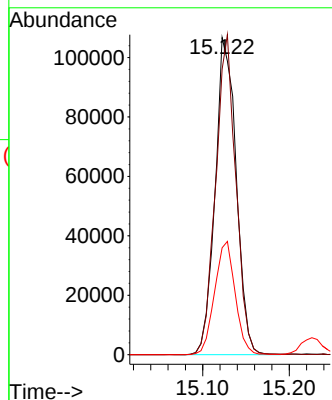
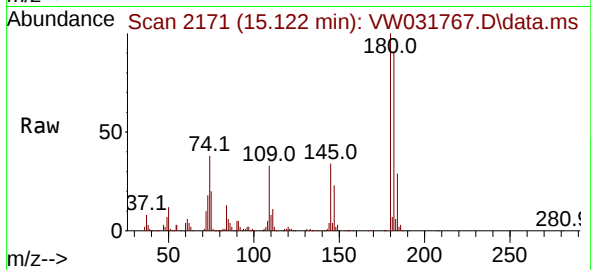
Tgt Ion:180 Resp: 180373

Ion Ratio Lower Upper

180 100

182 96.8 48.6 145.9

145 34.9 17.3 51.7



#94

Hexachlorobutadiene

Concen: 54.757 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW031767.D

Acq: 09 Jul 2025 10:00

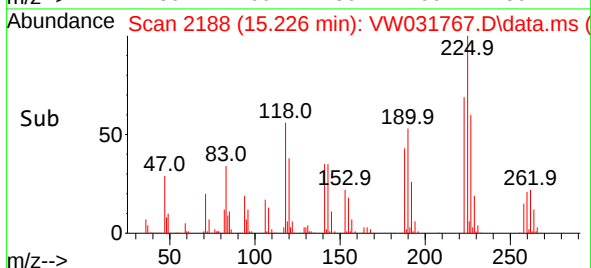
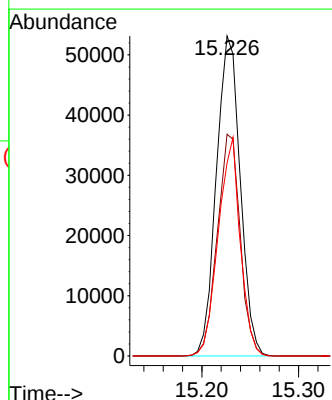
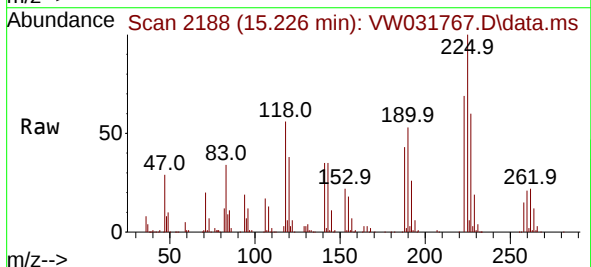
Tgt Ion:225 Resp: 90807

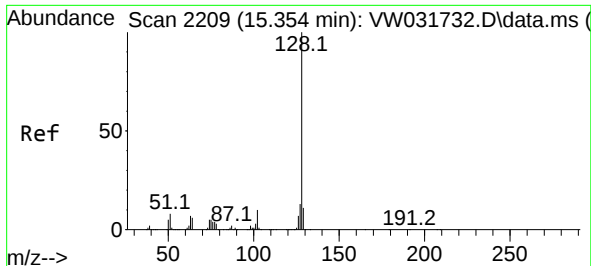
Ion Ratio Lower Upper

225 100

223 66.5 32.6 97.8

227 62.9 37.3 111.8

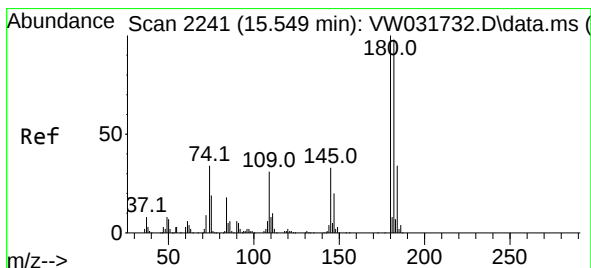
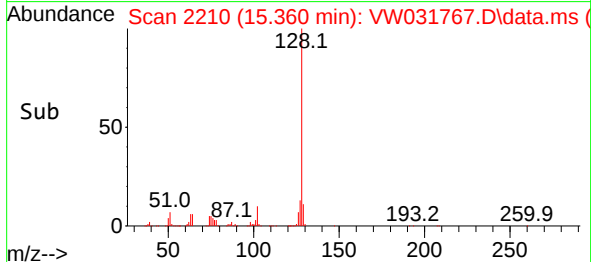
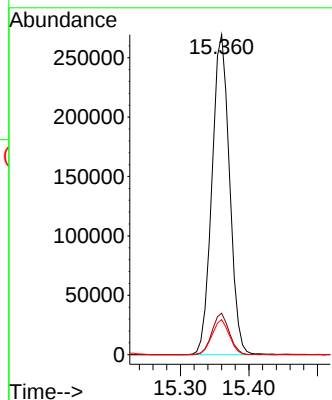
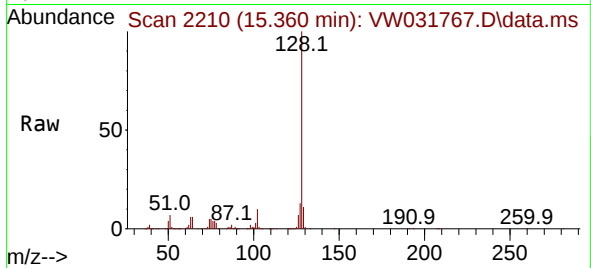




#95
Naphthalene
Concen: 56.879 ug/l
RT: 15.360 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 478905
Ion Ratio Lower Upper
128 100
127 12.7 10.8 16.2
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 56.994 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW031767.D
Acq: 09 Jul 2025 10:00

Tgt Ion:180 Resp: 179854
Ion Ratio Lower Upper
180 100
182 87.7 46.4 139.1
145 35.3 17.8 53.3

