

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071825\
 Data File : VV038924.D
 Acq On : 18 Jul 2025 16:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 19 00:43:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 14 09:44:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	554836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	906476	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	865390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	503139	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	326388	48.146	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	96.300%
35) Dibromofluoromethane	4.500	113	311714	50.436	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	100.880%
50) Toluene-d8	7.236	98	872918	46.726	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	93.460%
62) 4-Bromofluorobenzene	10.001	95	421731	56.040	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	112.080%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	254278	52.158	ug/l	100
3) Chloromethane	1.230	50	253851	48.220	ug/l	99
4) Vinyl Chloride	1.294	62	295697	49.075	ug/l	98
5) Bromomethane	1.484	94	186921	54.456	ug/l	97
6) Chloroethane	1.555	64	199169	49.454	ug/l	98
7) Trichlorofluoromethane	1.722	101	513844	48.199	ug/l	99
8) Diethyl Ether	1.918	74	191642	49.987	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.079	101	309685	48.581	ug/l	97
10) Methyl Iodide	2.194	142	395074	53.983	ug/l	100
11) Tert butyl alcohol	2.574	59	369394	236.680	ug/l	100
12) 1,1-Dichloroethene	2.079	96	279424	48.107	ug/l	97
13) Acrolein	2.008	56	55422	245.554	ug/l	99
14) Allyl chloride	2.355	41	471337	50.935	ug/l	99
15) Acrylonitrile	2.674	53	979194	245.171	ug/l	99
16) Acetone	2.117	43	784216	267.333	ug/l	99
17) Carbon Disulfide	2.249	76	593267	64.610	ug/l	100
18) Methyl Acetate	2.378	43	571832	57.615	ug/l	97
19) Methyl tert-butyl Ether	2.712	73	1056789	48.525	ug/l	98
20) Methylene Chloride	2.455	84	331204	44.505	ug/l	96
21) trans-1,2-Dichloroethene	2.703	96	299664	48.488	ug/l	97
22) Diisopropyl ether	3.217	45	1000241	54.096	ug/l	91
23) Vinyl Acetate	3.188	43	3933037	271.281	ug/l	99
24) 1,1-Dichloroethane	3.117	63	594006	49.054	ug/l	99
25) 2-Butanone	3.866	43	1184824	281.792	ug/l	98
26) 2,2-Dichloropropane	3.809	77	494640	46.656	ug/l	99
27) cis-1,2-Dichloroethene	3.818	96	369126	52.014	ug/l	98
28) Bromochloromethane	4.146	49	230012	49.074	ug/l	97
29) Tetrahydrofuran	4.236	42	772143	278.635	ug/l	97
30) Chloroform	4.278	83	640227	47.956	ug/l	99
31) Cyclohexane	4.583	56	432437	54.408	ug/l	96
32) 1,1,1-Trichloroethane	4.513	97	556760	47.798	ug/l	99
36) 1,1-Dichloropropene	4.744	75	388440	54.688	ug/l	100
37) Ethyl Acetate	3.976	43	442856	52.956	ug/l	99
38) Carbon Tetrachloride	4.735	117	461974	48.965	ug/l	98
39) Methylcyclohexane	6.046	83	479812	57.251	ug/l	99
40) Benzene	5.008	78	1258037	52.247	ug/l	98

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 VSTDC0050EC

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.159	41	219108	57.089	ug/l	96
42) 1,2-Dichloroethane	5.040	62	444656	48.449	ug/l	99
43) Isopropyl Acetate	5.191	43	698555	52.817	ug/l	100
44) Trichloroethene	5.831	130	314128	49.926	ug/l	99
45) 1,2-Dichloropropane	6.088	63	325331	51.149	ug/l	100
46) Dibromomethane	6.223	93	244335	49.649	ug/l	99
47) Bromodichloromethane	6.426	83	508703	48.707	ug/l	100
48) Methyl methacrylate	6.297	41	332945	58.005	ug/l	98
49) 1,4-Dioxane	6.288	88	130343	1053.955	ug/l	98
51) 4-Methyl-2-Pentanone	7.149	43	2447423	271.762	ug/l	99
52) Toluene	7.307	92	825089	54.395	ug/l	99
53) t-1,3-Dichloropropene	7.574	75	505067	53.444	ug/l	98
54) cis-1,3-Dichloropropene	6.947	75	533622	52.235	ug/l	99
55) 1,1,2-Trichloroethane	7.760	97	345461	47.648	ug/l	99
56) Ethyl methacrylate	7.715	69	523678	60.782	ug/l	98
57) 1,3-Dichloropropane	7.934	76	561574	51.658	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.812	63	1446828	230.317	ug/l	100
59) 2-Hexanone	8.062	43	1835260	273.758	ug/l	99
60) Dibromochloromethane	8.169	129	409505	47.962	ug/l	98
61) 1,2-Dibromoethane	8.275	107	369412	50.575	ug/l	97
64) Tetrachloroethene	7.898	164	280948	49.501	ug/l	98
65) Chlorobenzene	8.805	112	946598	50.061	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.898	131	349660	46.369	ug/l	99
67) Ethyl Benzene	8.937	91	1599838	56.979	ug/l	100
68) m/p-Xylenes	9.062	106	1268475	116.038	ug/l	98
69) o-Xylene	9.467	106	594756	57.644	ug/l	99
70) Styrene	9.487	104	1069343	58.641	ug/l	99
71) Bromoform	9.654	173	292397	47.704	ug/l #	98
73) Isopropylbenzene	9.857	105	1666691	55.440	ug/l	100
74) N-amyl acetate	9.725	43	626676	56.905	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	582198	46.234	ug/l	100
76) 1,2,3-Trichloropropane	10.197	75	439429	46.974	ug/l	81
77) Bromobenzene	10.140	156	398671	50.553	ug/l	98
78) n-propylbenzene	10.278	91	2004145	57.039	ug/l	99
79) 2-Chlorotoluene	10.349	91	1167018	52.226	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	1437116	56.686	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.927	75	198306	51.731	ug/l	94
82) 4-Chlorotoluene	10.461	91	1404142	56.214	ug/l	99
83) tert-Butylbenzene	10.789	119	1429474	53.779	ug/l	99
84) 1,2,4-Trimethylbenzene	10.840	105	1435498	57.544	ug/l	100
85) sec-Butylbenzene	11.014	105	1884669	55.555	ug/l	100
86) p-Isopropyltoluene	11.168	119	1583445	54.976	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	800458	49.728	ug/l	99
88) 1,4-Dichlorobenzene	11.197	146	811233	46.329	ug/l	99
89) n-Butylbenzene	11.580	91	1509711	57.417	ug/l	100
90) Hexachloroethane	11.821	117	314032	45.840	ug/l	98
91) 1,2-Dichlorobenzene	11.567	146	770685	49.321	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	133252	46.805	ug/l	96
93) 1,2,4-Trichlorobenzene	13.184	180	503313	54.566	ug/l	99
94) Hexachlorobutadiene	13.368	225	225277	47.426	ug/l	100
95) Naphthalene	13.422	128	1809711	59.715	ug/l	99
96) 1,2,3-Trichlorobenzene	13.663	180	514808	53.846	ug/l	99

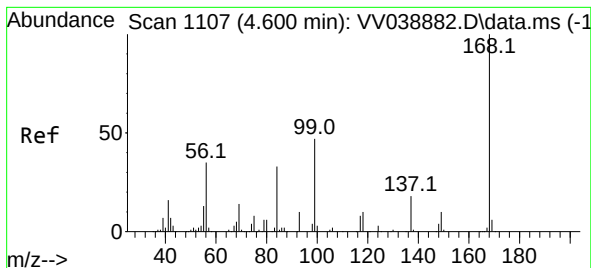
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071825\
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Quant Title : SW846 8260
QLast Update : Mon Jul 14 09:44:44 2025
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV038924.D

Acq: 18 Jul 2025 16:06

Instrument :

MSVOA_V

ClientSampleId :

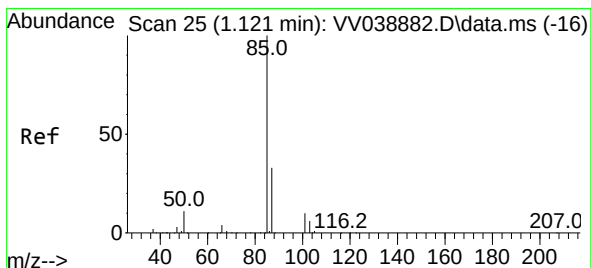
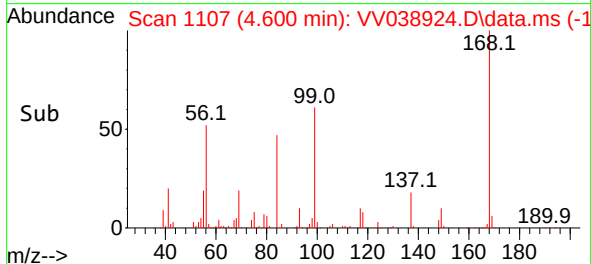
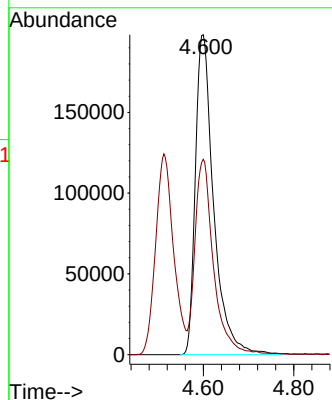
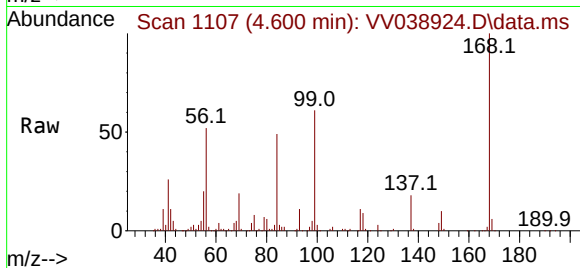
VSTDCCC050EC

Tgt Ion:168 Resp: 554836

Ion Ratio Lower Upper

168 100

99 60.7 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 52.158 ug/l

RT: 1.121 min Scan# 25

Delta R.T. -0.000 min

Lab File: VV038924.D

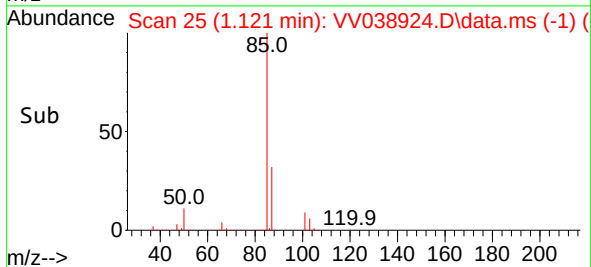
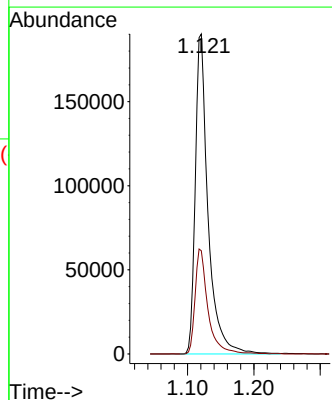
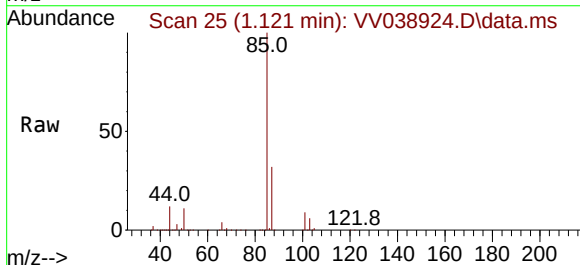
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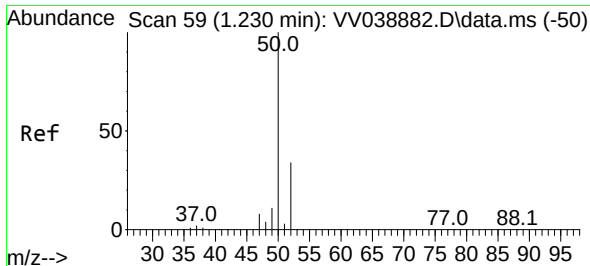
Tgt Ion: 85 Resp: 254278

Ion Ratio Lower Upper

85 100

87 32.3 16.3 48.8

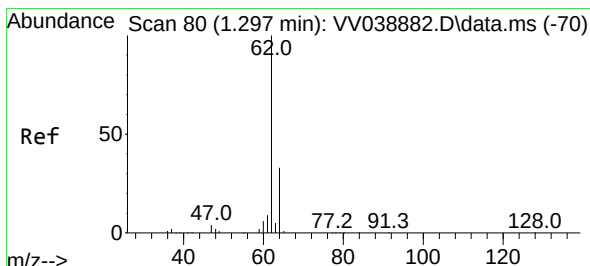
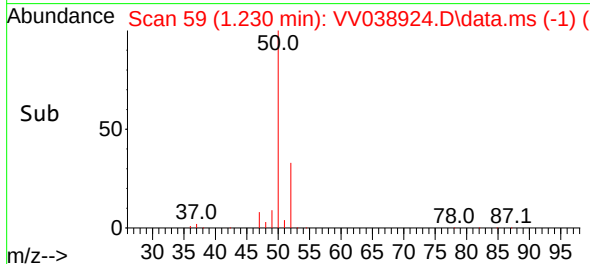
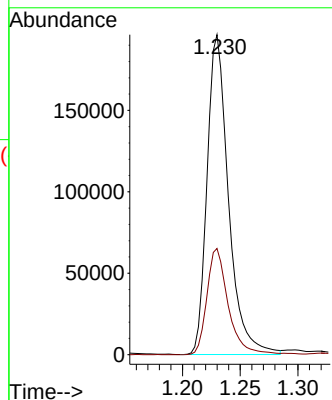
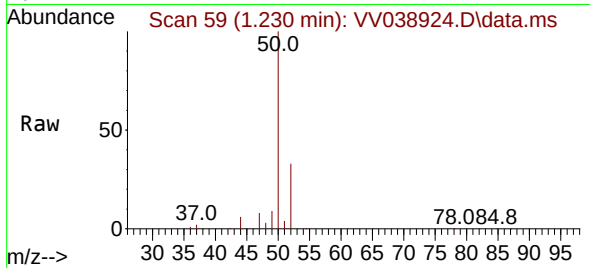




#3
Chloromethane
Concen: 48.220 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

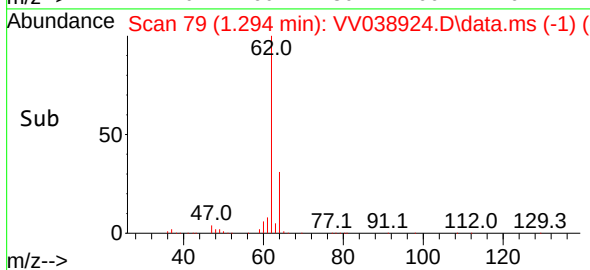
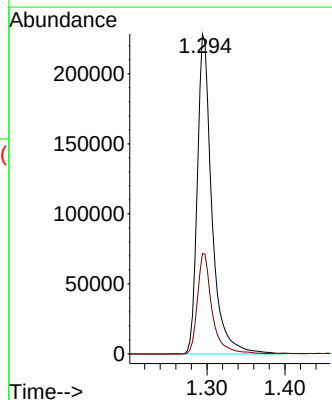
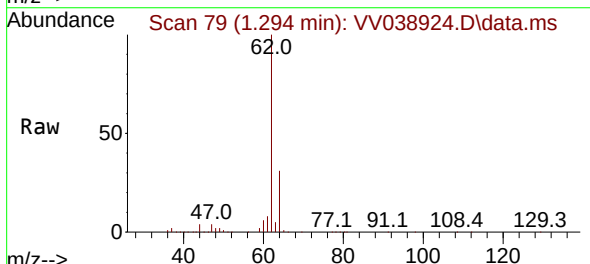
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

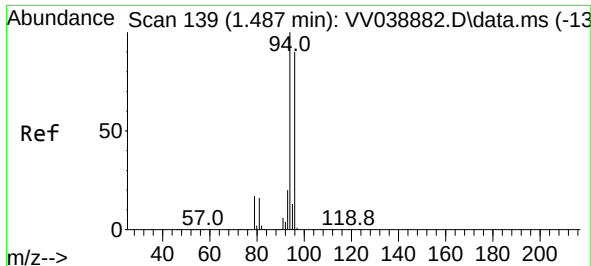
Tgt Ion: 50 Resp: 253851
Ion Ratio Lower Upper
50 100
52 33.2 26.9 40.3



#4
Vinyl Chloride
Concen: 49.075 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

Tgt Ion: 62 Resp: 295697
Ion Ratio Lower Upper
62 100
64 31.3 26.2 39.2

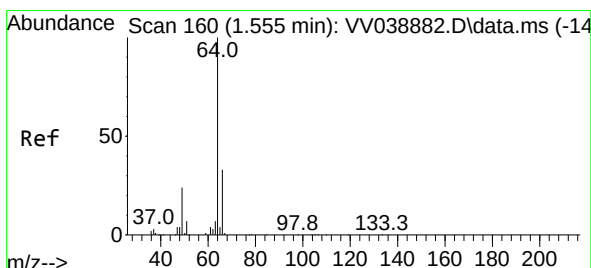
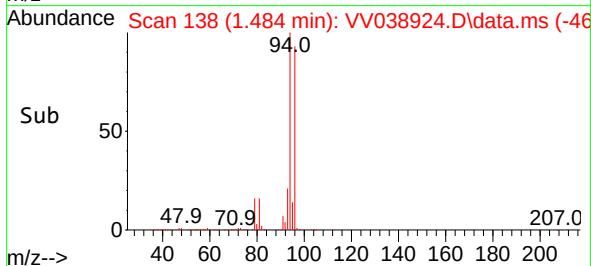
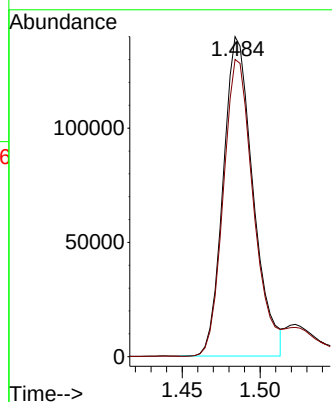
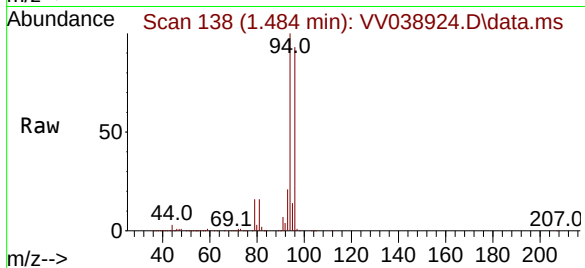




#5
Bromomethane
Concen: 54.456 ug/l
RT: 1.484 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

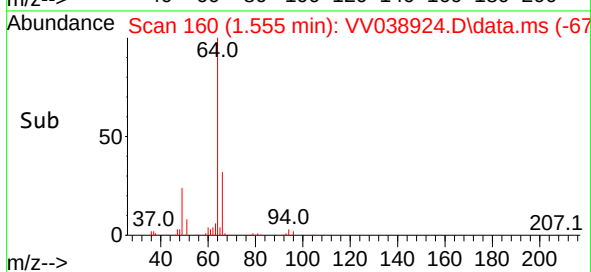
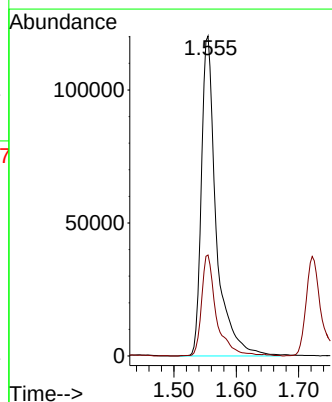
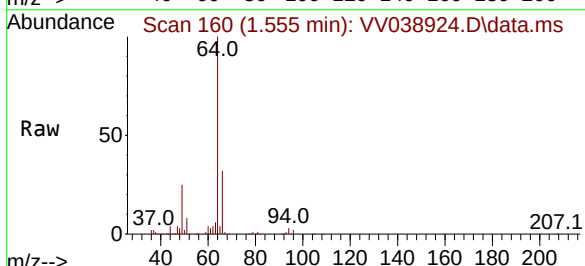
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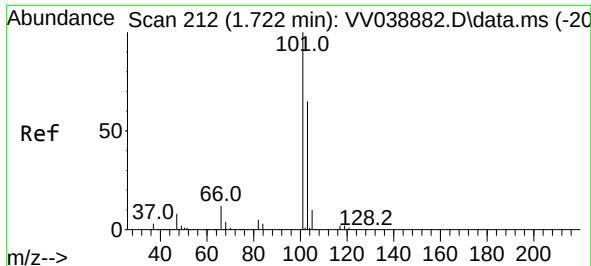
Tgt Ion: 94 Resp: 186921
Ion Ratio Lower Upper
94 100
96 93.0 71.9 107.9



#6
Chloroethane
Concen: 49.454 ug/l
RT: 1.555 min Scan# 160
Delta R.T. -0.000 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

Tgt Ion: 64 Resp: 199169
Ion Ratio Lower Upper
64 100
66 31.4 26.2 39.2

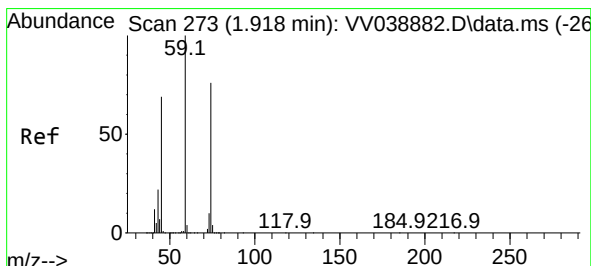
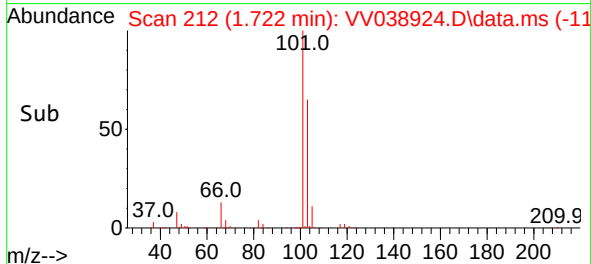
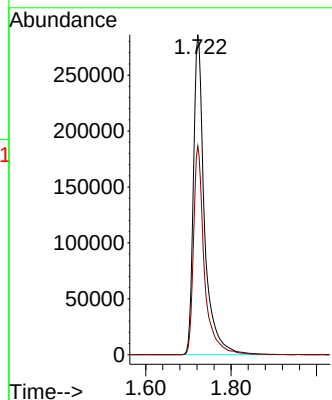
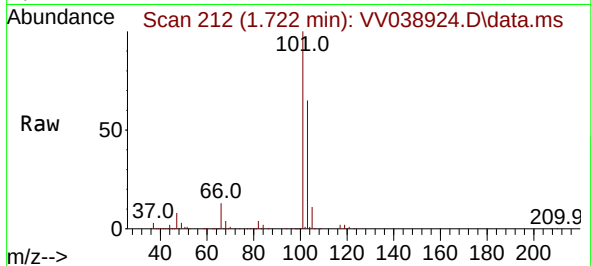




#7
 Trichlorofluoromethane
 Concen: 48.199 ug/l
 RT: 1.722 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VV038924.D
 Acq: 18 Jul 2025 16:06

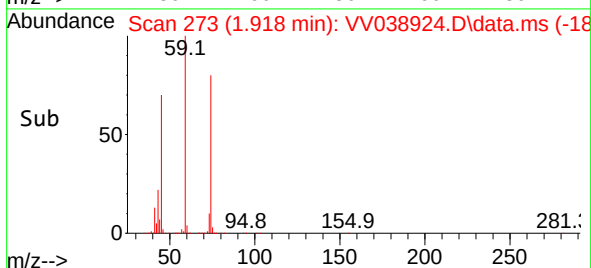
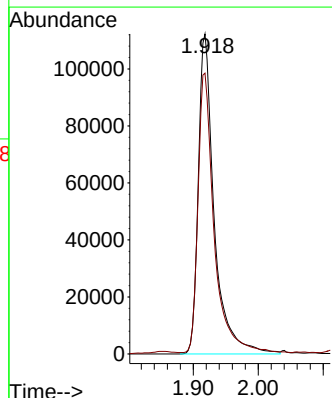
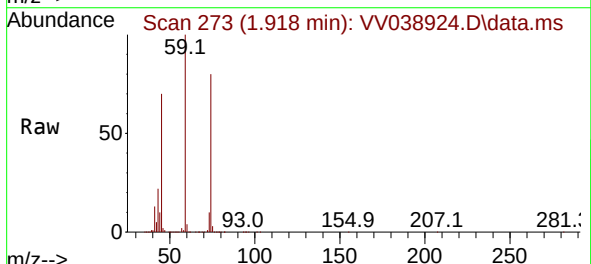
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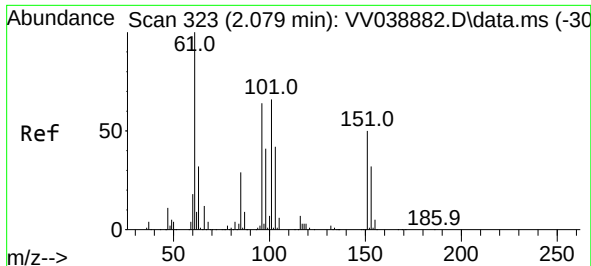
Tgt Ion:101 Resp: 513844
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.8 77.6



#8
 Diethyl Ether
 Concen: 49.987 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. -0.000 min
 Lab File: VV038924.D
 Acq: 18 Jul 2025 16:06

Tgt Ion: 74 Resp: 191642
 Ion Ratio Lower Upper
 74 100
 45 88.2 45.5 136.5

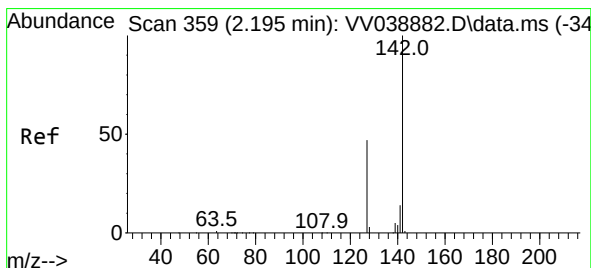
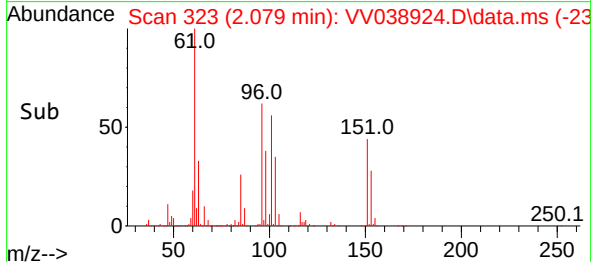
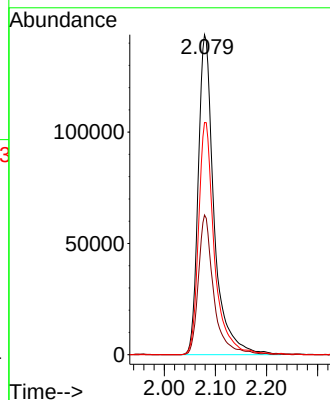
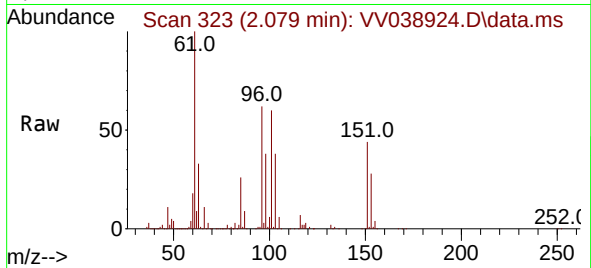




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.581 ug/l
RT: 2.079 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

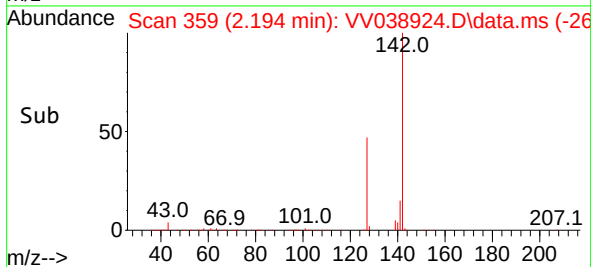
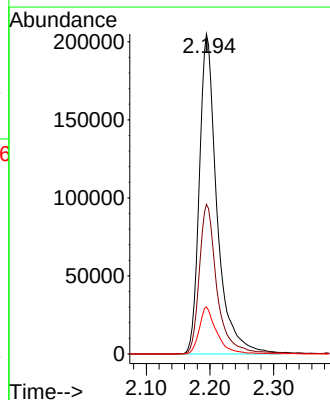
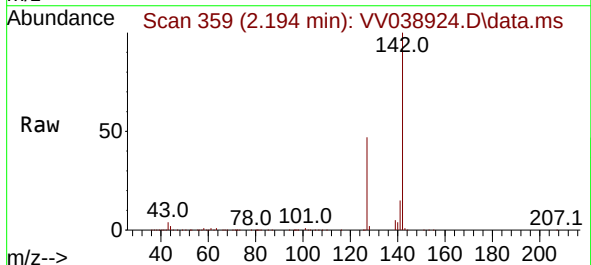
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

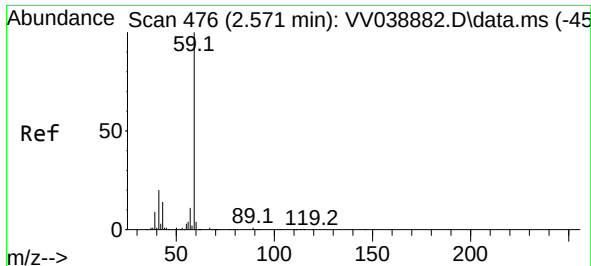
Tgt Ion:101 Resp: 309685
Ion Ratio Lower Upper
101 100
85 42.3 35.0 52.6
151 72.8 60.1 90.1



#10
Methyl Iodide
Concen: 53.983 ug/l
RT: 2.194 min Scan# 359
Delta R.T. -0.000 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

Tgt Ion:142 Resp: 395074
Ion Ratio Lower Upper
142 100
127 46.8 37.3 55.9
141 14.4 11.2 16.8





#11

Tert butyl alcohol

Concen: 236.680 ug/l

RT: 2.574 min Scan# 41

Delta R.T. 0.003 min

Lab File: VV038924.D

Acq: 18 Jul 2025 16:06

Instrument :

MSVOA_V

ClientSampleId :

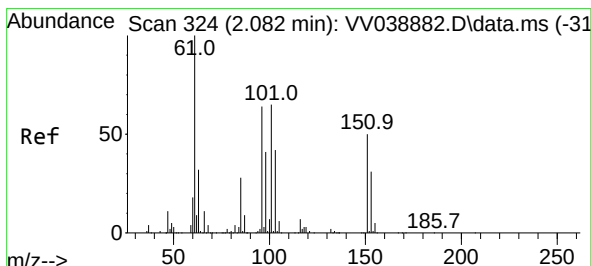
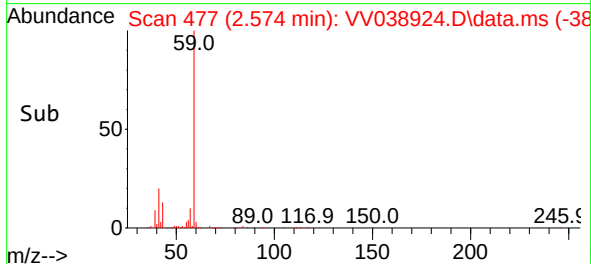
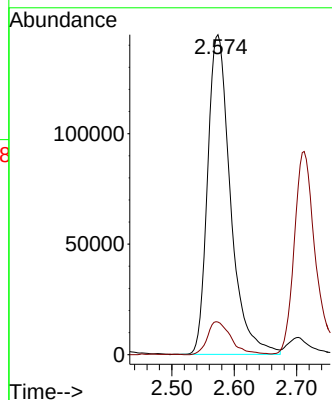
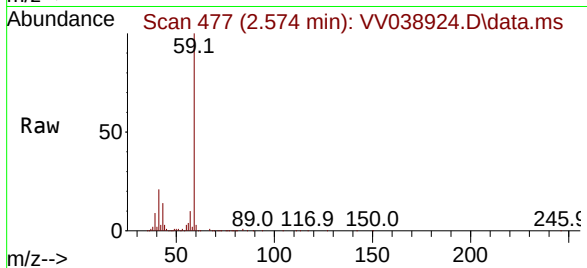
VSTDCCC050EC

Tgt Ion: 59 Resp: 369394

Ion Ratio Lower Upper

59 100

57 10.8 8.6 12.8



#12

1,1-Dichloroethene

Concen: 48.107 ug/l

RT: 2.079 min Scan# 323

Delta R.T. -0.003 min

Lab File: VV038924.D

Acq: 18 Jul 2025 16:06

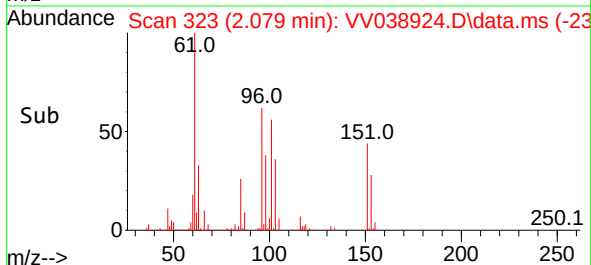
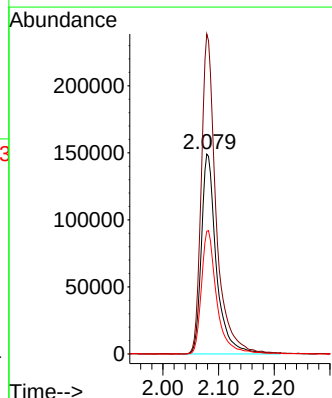
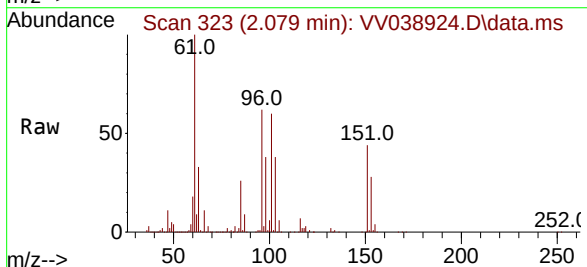
Tgt Ion: 96 Resp: 279424

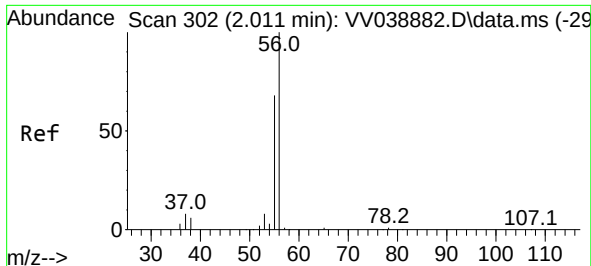
Ion Ratio Lower Upper

96 100

61 160.0 124.1 186.1

98 61.4 50.6 75.8

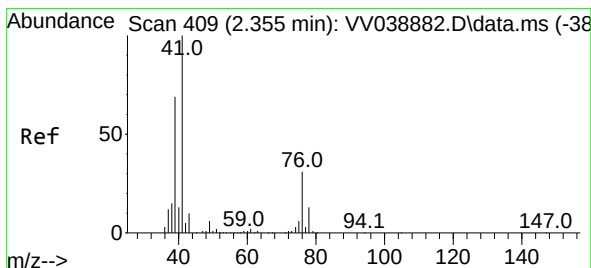
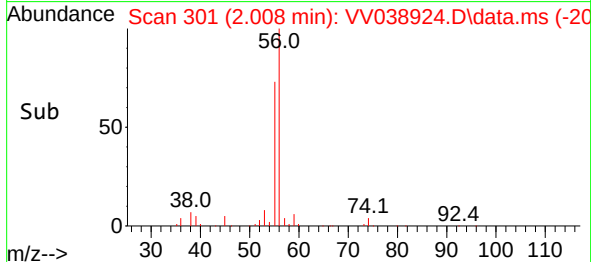
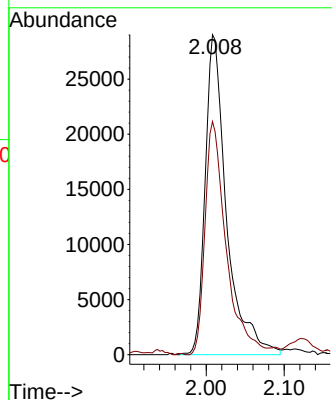
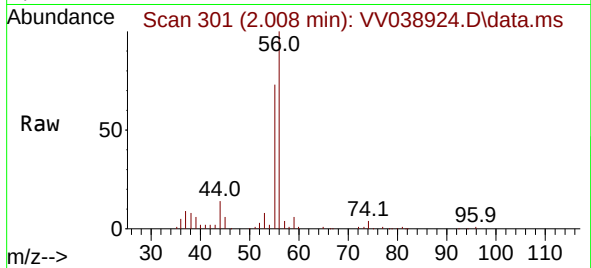




#13
Acrolein
Concen: 245.554 ug/l
RT: 2.008 min Scan# 302
Delta R.T. -0.003 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

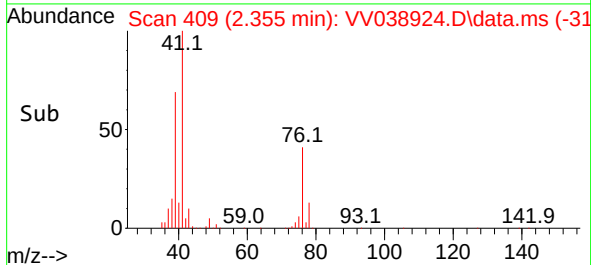
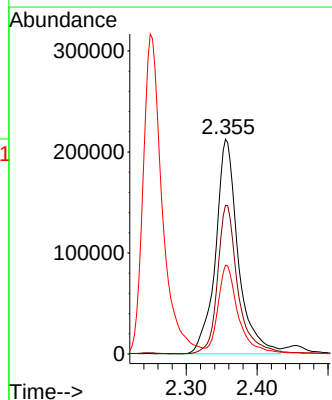
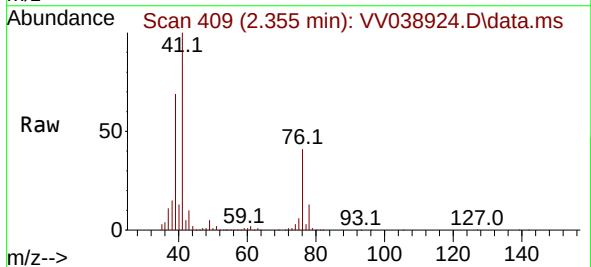
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

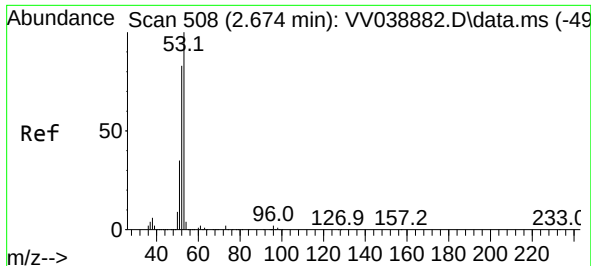
Tgt Ion: 56 Resp: 55422
Ion Ratio Lower Upper
56 100
55 71.8 56.7 85.1



#14
Allyl chloride
Concen: 50.935 ug/l
RT: 2.355 min Scan# 409
Delta R.T. -0.000 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

Tgt Ion: 41 Resp: 471337
Ion Ratio Lower Upper
41 100
39 62.6 50.6 76.0
76 36.6 30.4 45.6

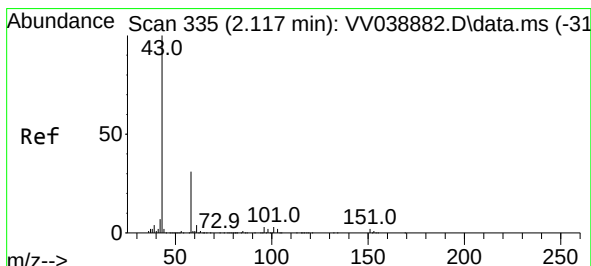
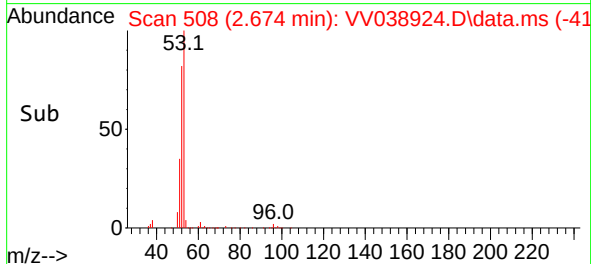
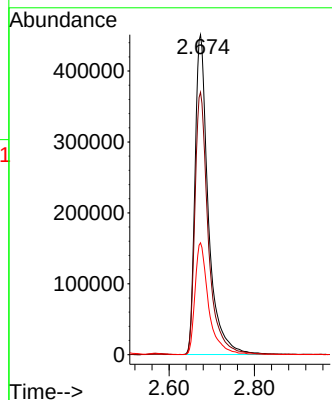
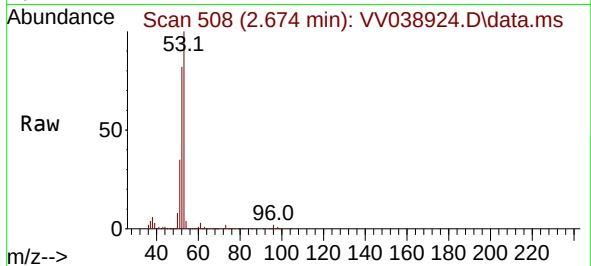




#15
Acrylonitrile
Concen: 245.171 ug/l
RT: 2.674 min Scan# 508
Delta R.T. -0.000 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

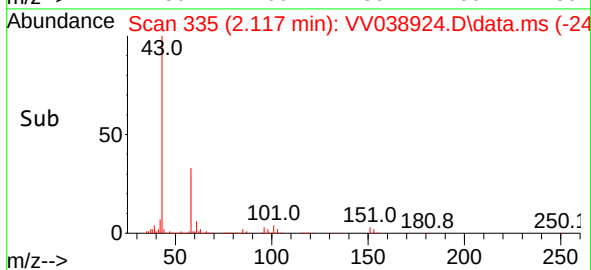
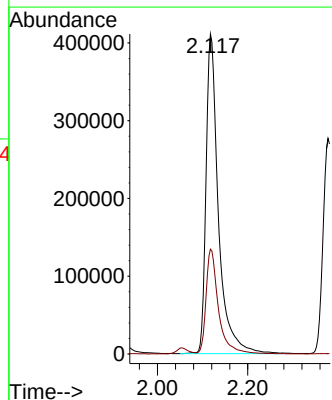
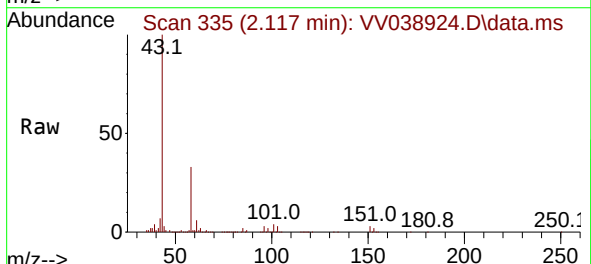
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

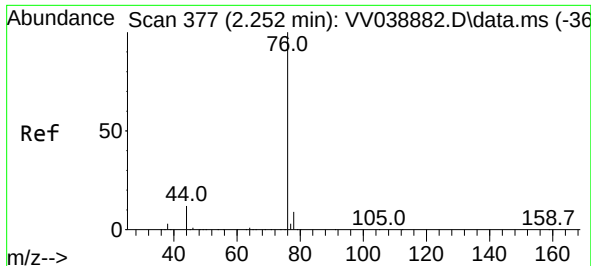
Tgt Ion: 53 Resp: 979194
Ion Ratio Lower Upper
53 100
52 82.0 66.6 99.8
51 35.4 28.7 43.1



#16
Acetone
Concen: 267.333 ug/l
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

Tgt Ion: 43 Resp: 784216
Ion Ratio Lower Upper
43 100
58 32.7 25.8 38.6

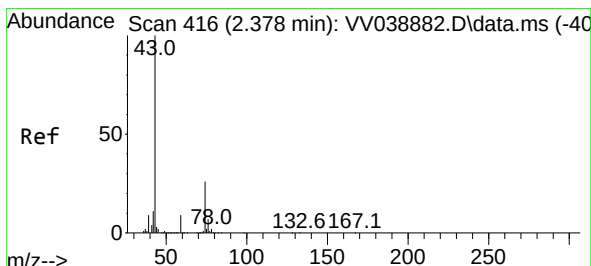
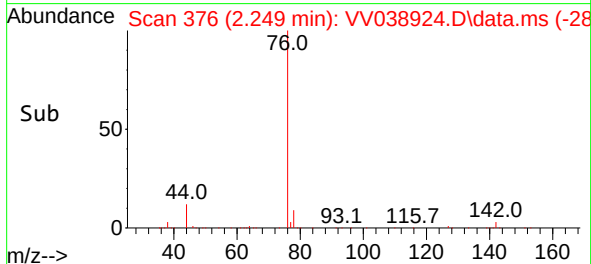
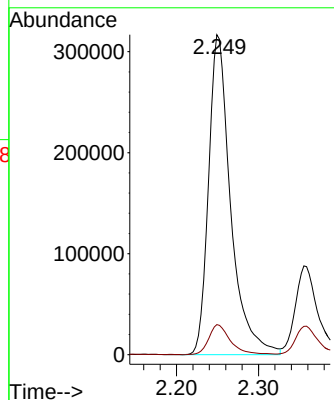
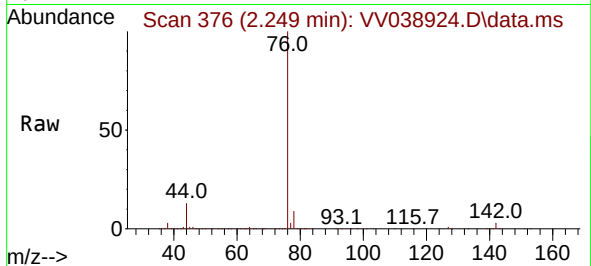




#17
Carbon Disulfide
Concen: 64.610 ug/l
RT: 2.249 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

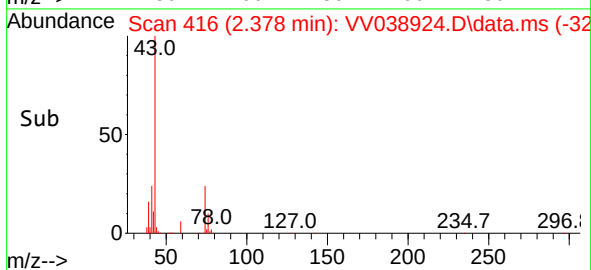
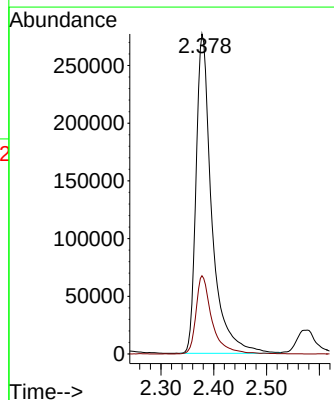
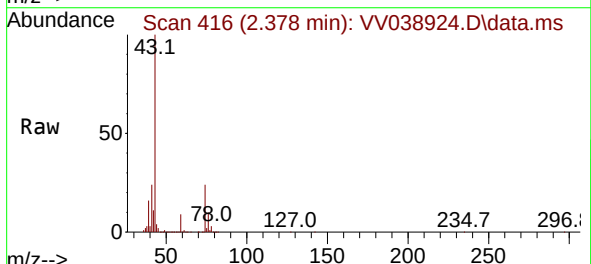
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

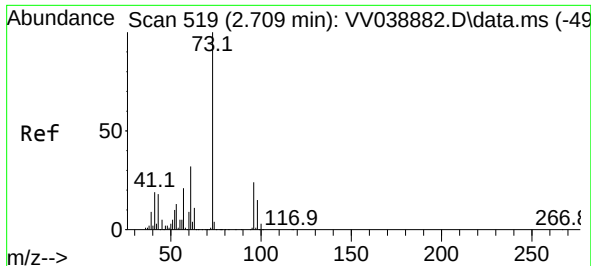
Tgt Ion: 76 Resp: 593267
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 57.615 ug/l
RT: 2.378 min Scan# 416
Delta R.T. -0.000 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

Tgt Ion: 43 Resp: 571832
Ion Ratio Lower Upper
43 100
74 24.8 21.1 31.7

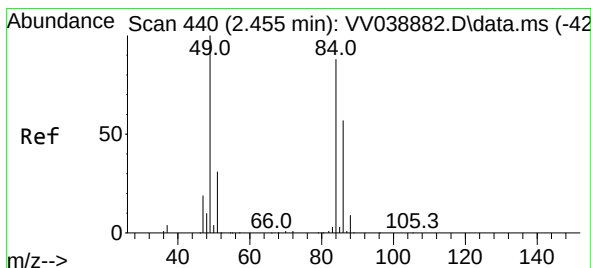
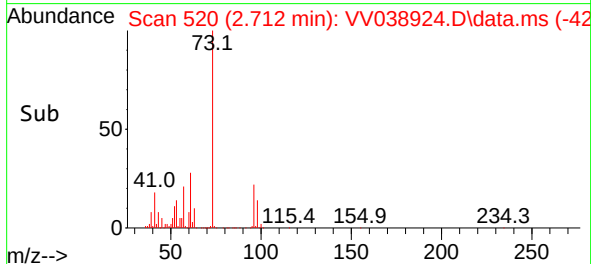
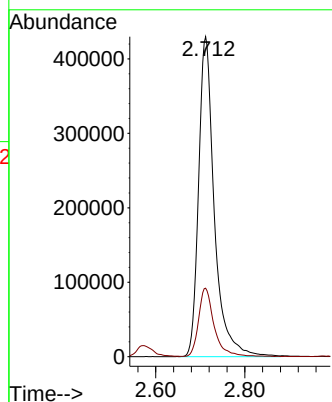
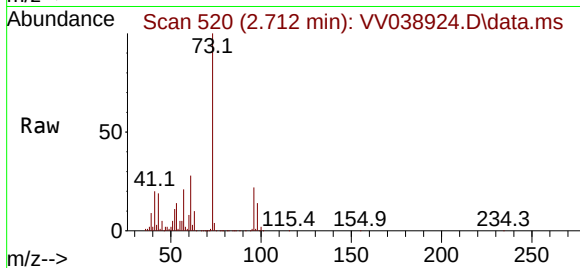




#19
Methyl tert-butyl Ether
Concen: 48.525 ug/l
RT: 2.712 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

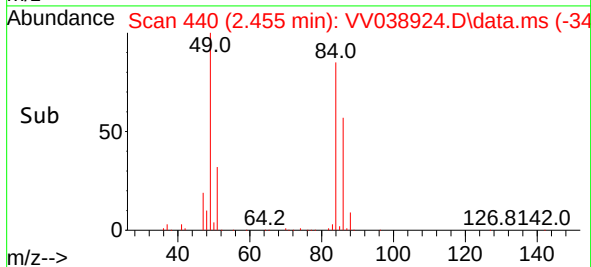
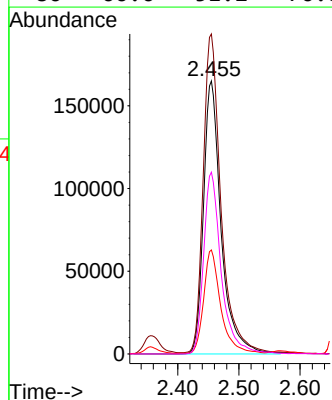
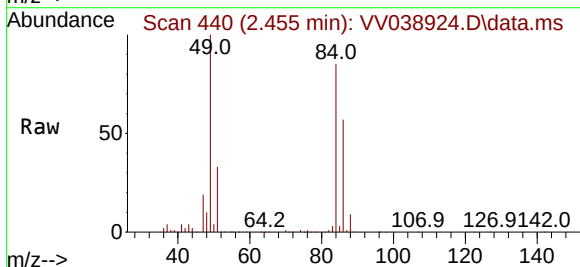
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

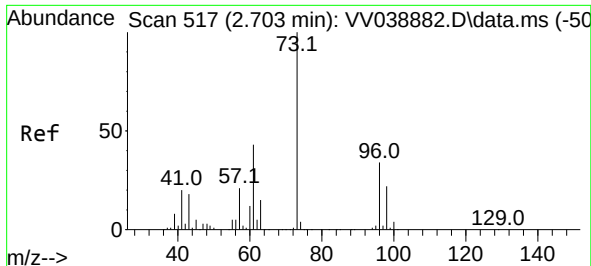
Tgt Ion: 73 Resp: 1056789
Ion Ratio Lower Upper
73 100
57 21.3 16.5 24.7



#20
Methylene Chloride
Concen: 44.505 ug/l
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

Tgt Ion: 84 Resp: 331204
Ion Ratio Lower Upper
84 100
49 116.8 90.5 135.7
51 37.8 27.8 41.6
86 66.6 51.2 76.8

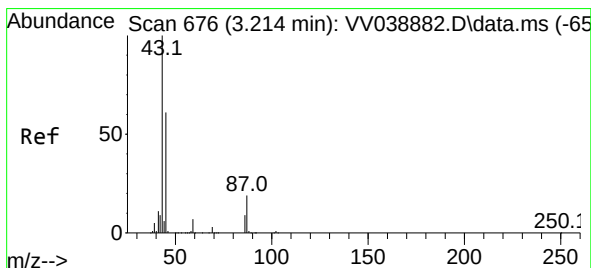
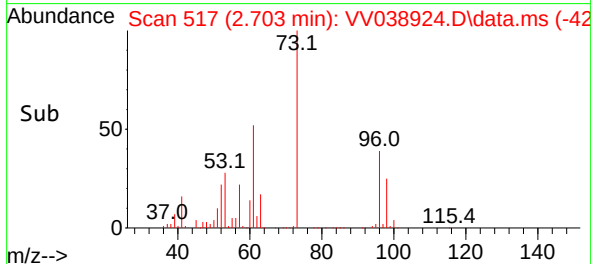
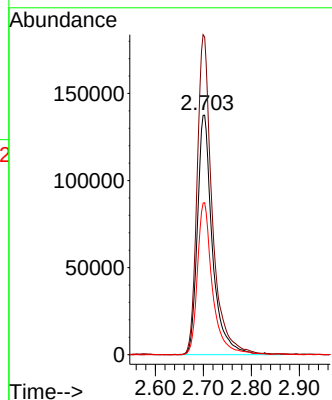
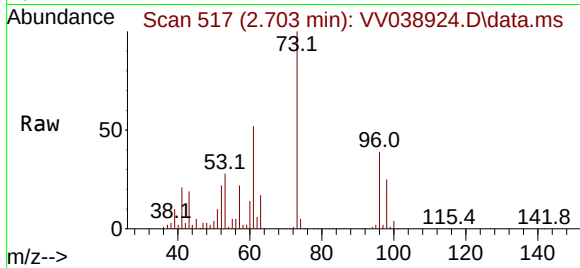




#21
trans-1,2-Dichloroethene
Concen: 48.488 ug/l
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

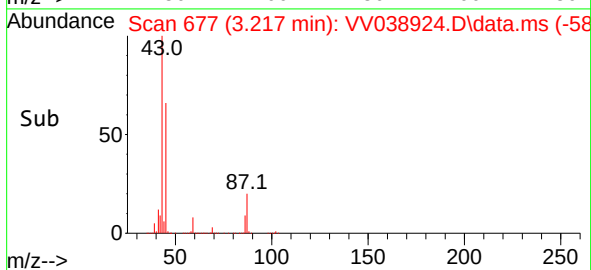
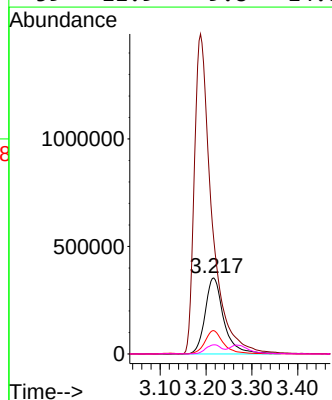
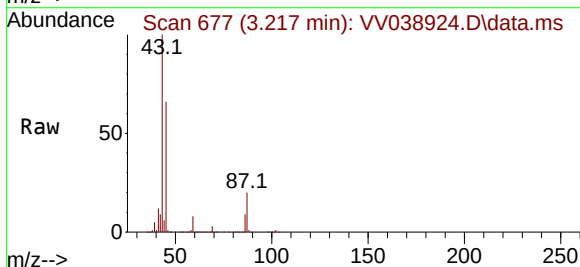
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

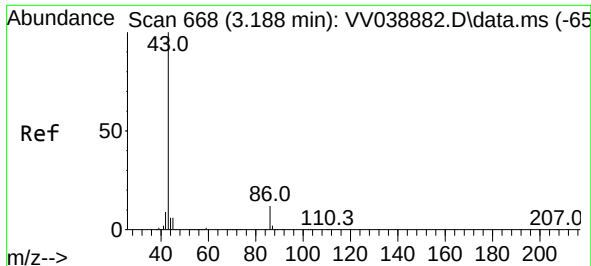
Tgt Ion: 96 Resp: 299664
Ion Ratio Lower Upper
96 100
61 132.5 102.0 153.0
98 63.5 51.0 76.6



#22
Diisopropyl ether
Concen: 54.096 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.003 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

Tgt Ion: 45 Resp: 1000241
Ion Ratio Lower Upper
45 100
43 150.4 132.1 198.1
87 30.5 25.0 37.4
59 11.9 9.8 14.8

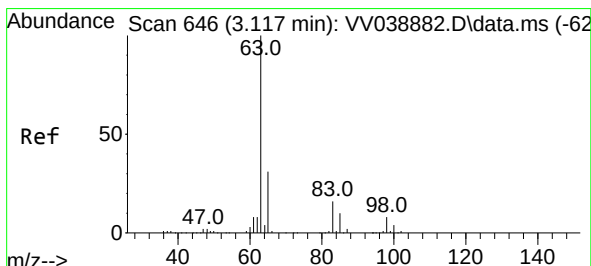
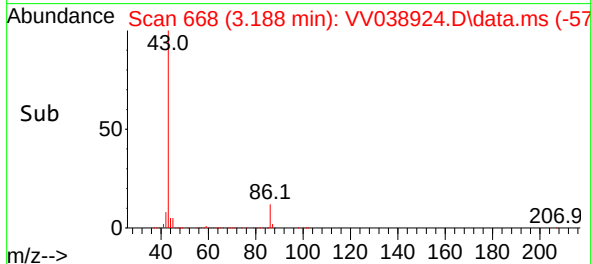
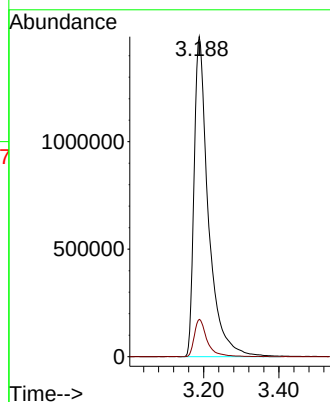
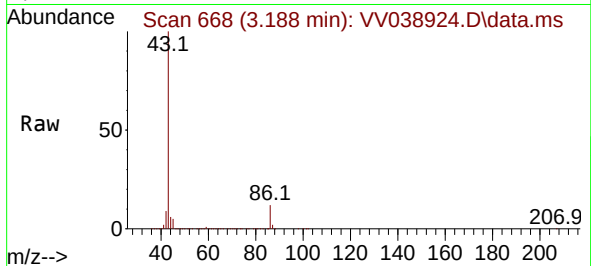




#23
 Vinyl Acetate
 Concen: 271.281 ug/l
 RT: 3.188 min Scan# 608
 Delta R.T. -0.000 min
 Lab File: VV038924.D
 Acq: 18 Jul 2025 16:06

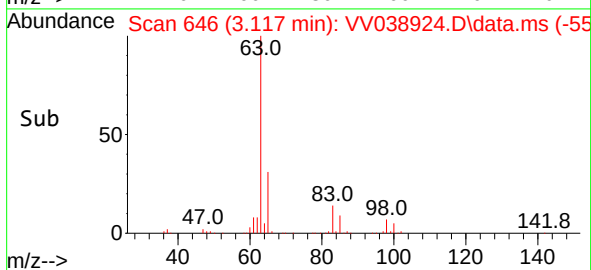
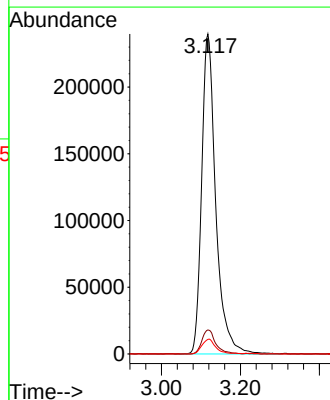
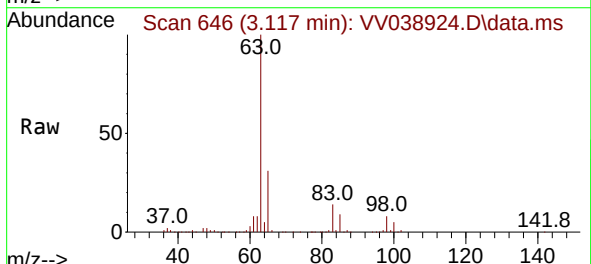
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

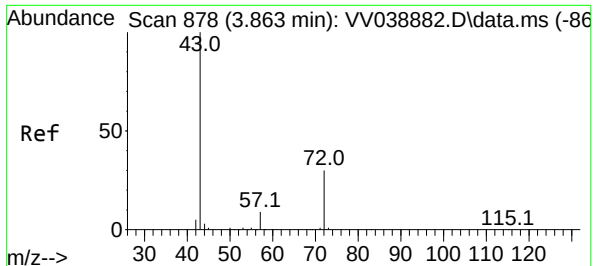
Tgt Ion: 43 Resp: 3933037
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.8 14.6



#24
 1,1-Dichloroethane
 Concen: 49.054 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. -0.000 min
 Lab File: VV038924.D
 Acq: 18 Jul 2025 16:06

Tgt Ion: 63 Resp: 594006
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.9 11.7
 100 4.6 2.2 6.6

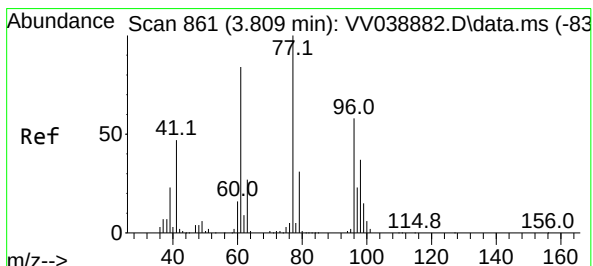
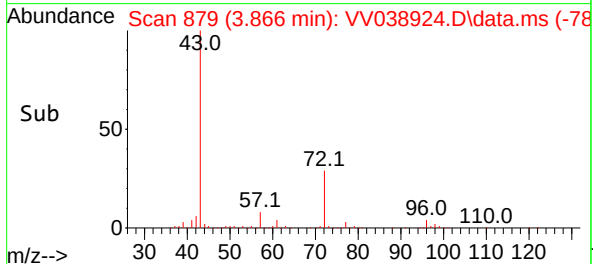
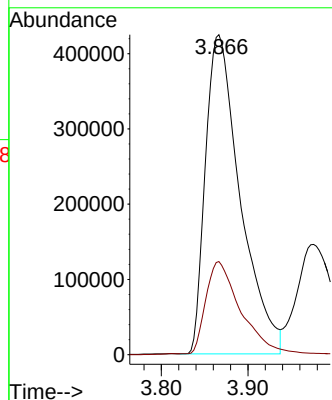
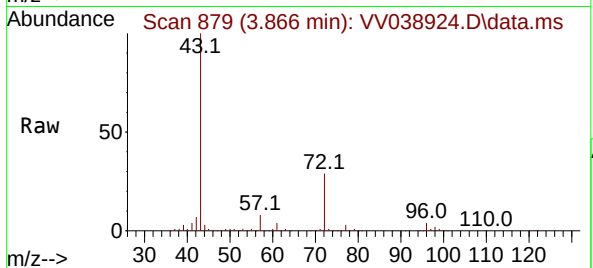




#25
2-Butanone
Concen: 281.792 ug/l
RT: 3.866 min Scan# 81
Delta R.T. 0.003 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

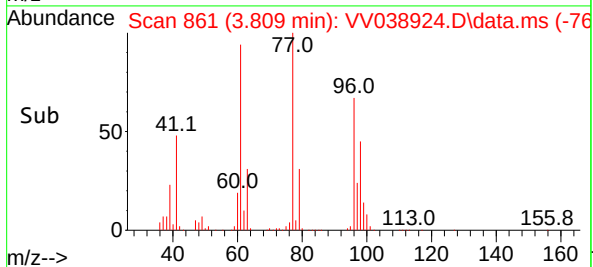
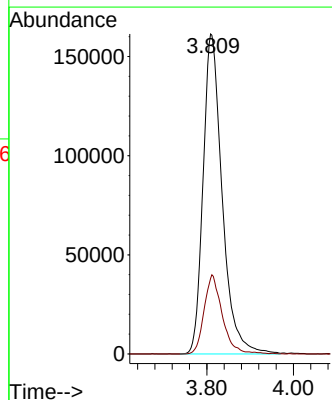
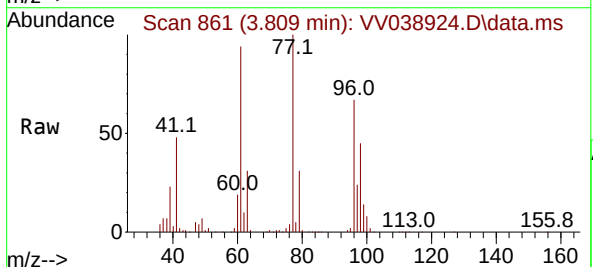
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

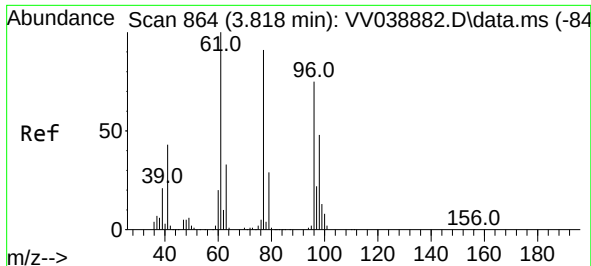
Tgt Ion: 43 Resp: 1184824
Ion Ratio Lower Upper
43 100
72 28.9 23.9 35.9



#26
2,2-Dichloropropane
Concen: 46.656 ug/l
RT: 3.809 min Scan# 861
Delta R.T. -0.000 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

Tgt Ion: 77 Resp: 494640
Ion Ratio Lower Upper
77 100
97 23.2 11.4 34.2

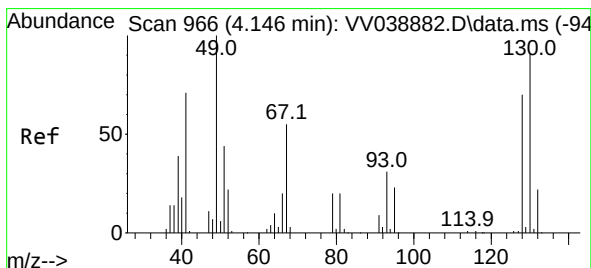
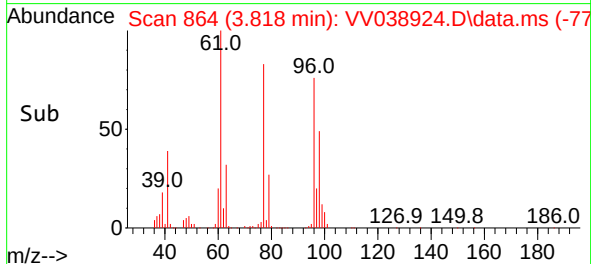
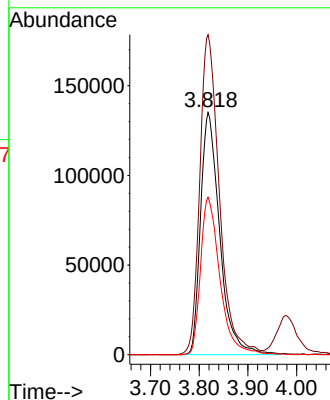
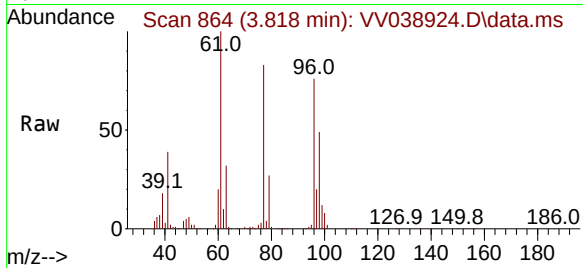




#27
 cis-1,2-Dichloroethene
 Concen: 52.014 ug/l
 RT: 3.818 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VV038924.D
 Acq: 18 Jul 2025 16:06

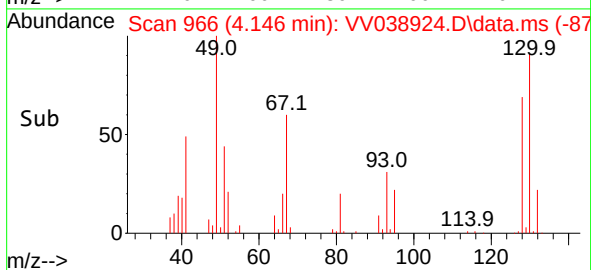
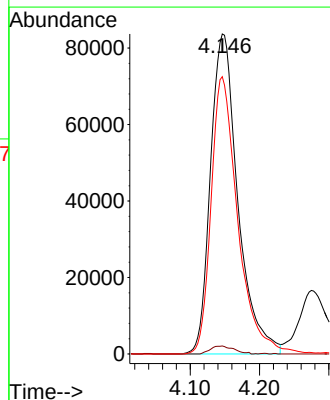
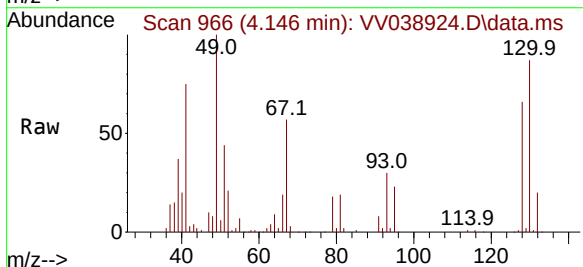
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

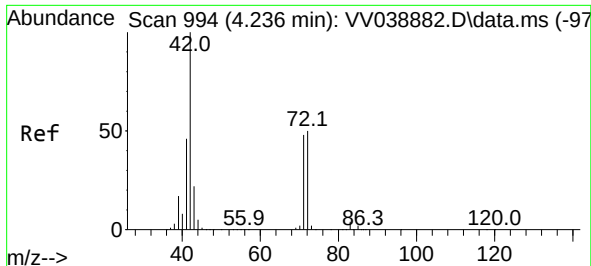
Tgt Ion: 96 Resp: 369126
 Ion Ratio Lower Upper
 96 100
 61 134.2 0.0 275.0
 98 65.5 0.0 130.0



#28
 Bromochloromethane
 Concen: 49.074 ug/l
 RT: 4.146 min Scan# 966
 Delta R.T. -0.000 min
 Lab File: VV038924.D
 Acq: 18 Jul 2025 16:06

Tgt Ion: 49 Resp: 230012
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.8
 130 84.5 70.1 105.1





#29

Tetrahydrofuran

Concen: 278.635 ug/l

RT: 4.236 min Scan# 994

Delta R.T. -0.000 min

Lab File: VV038924.D

Acq: 18 Jul 2025 16:06

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

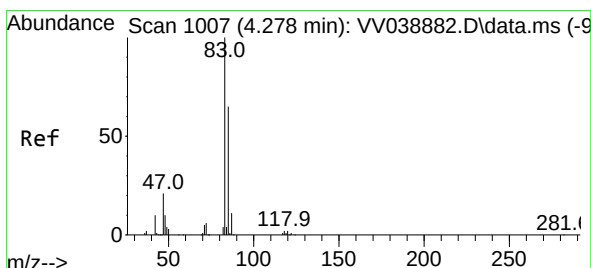
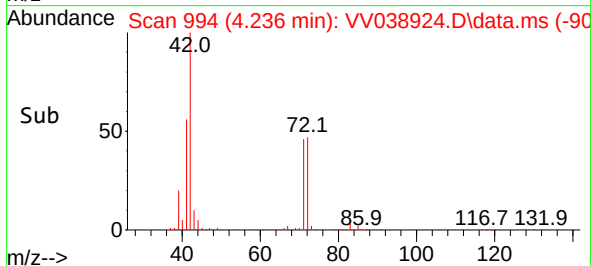
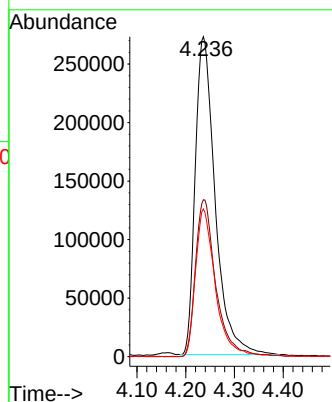
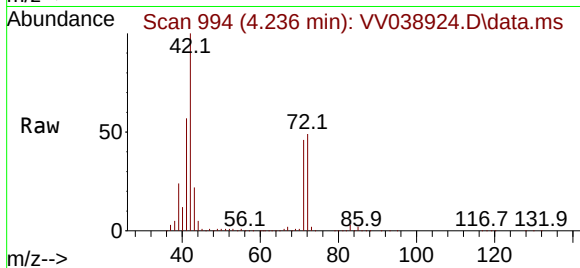
Tgt Ion: 42 Resp: 772143

Ion Ratio Lower Upper

42 100

72 49.9 41.6 62.4

71 46.1 38.4 57.6



#30

Chloroform

Concen: 47.956 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. -0.000 min

Lab File: VV038924.D

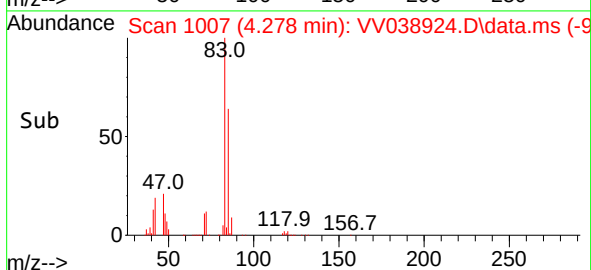
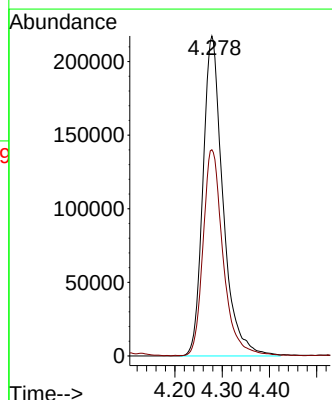
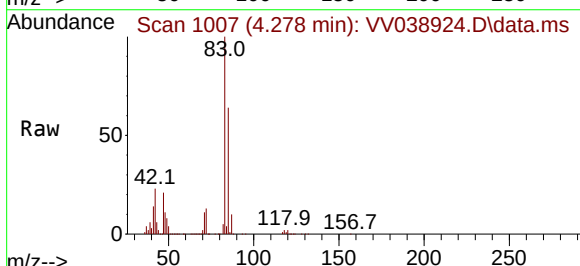
Acq: 18 Jul 2025 16:06

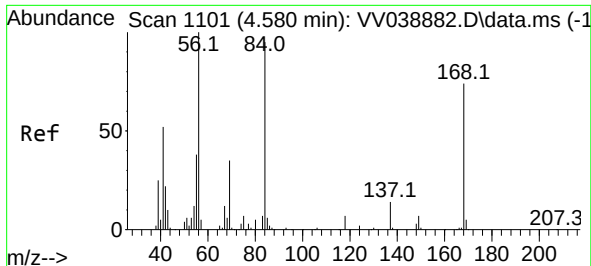
Tgt Ion: 83 Resp: 640227

Ion Ratio Lower Upper

83 100

85 64.3 52.2 78.4

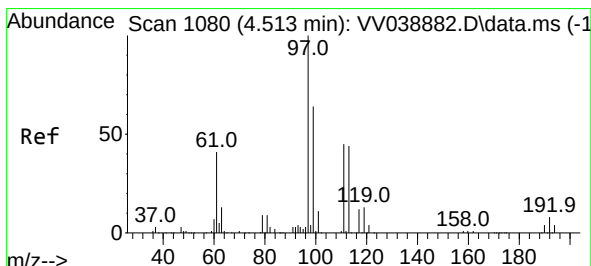
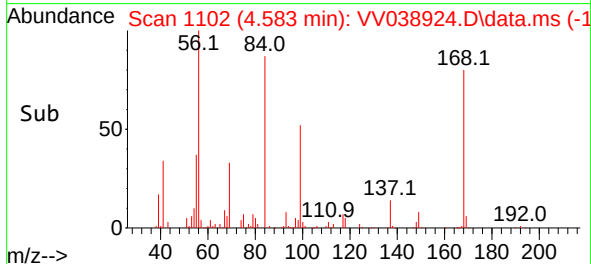
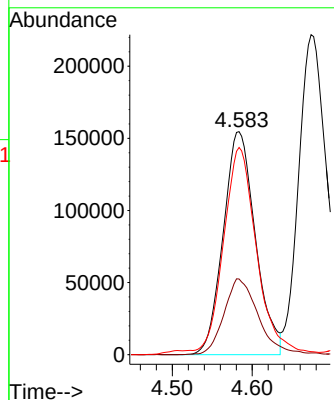
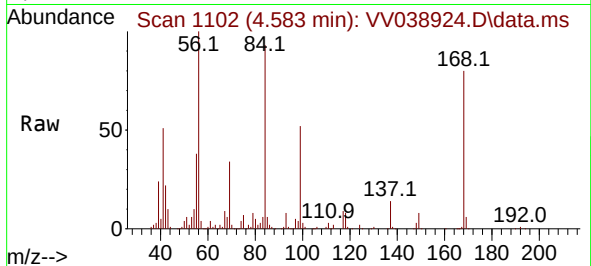




#31
Cyclohexane
Concen: 54.408 ug/l
RT: 4.583 min Scan# 1101
Delta R.T. 0.003 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

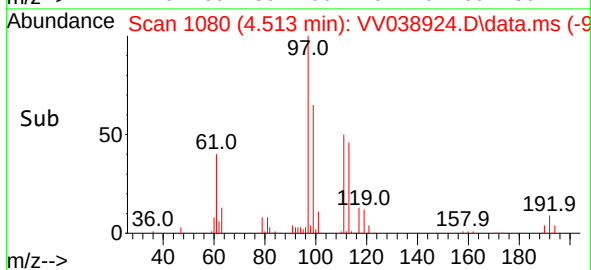
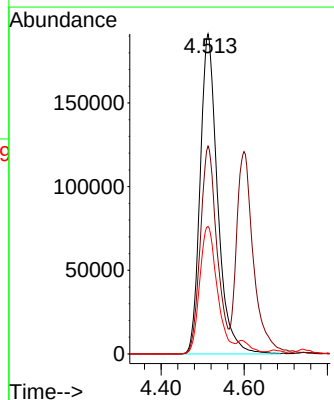
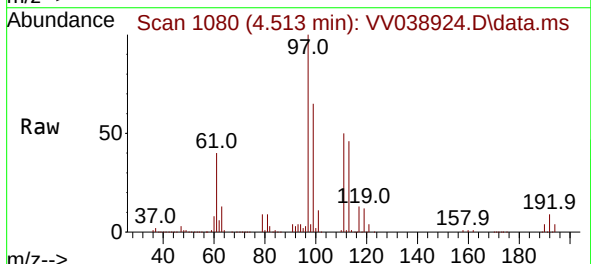
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

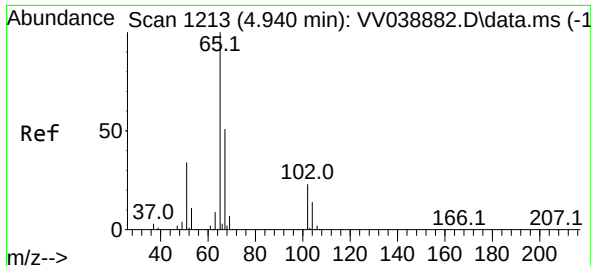
Tgt Ion: 56 Resp: 432437
Ion Ratio Lower Upper
56 100
69 33.8 28.2 42.2
84 91.1 76.0 114.0



#32
1,1,1-Trichloroethane
Concen: 47.798 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. -0.000 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

Tgt Ion: 97 Resp: 556760
Ion Ratio Lower Upper
97 100
99 61.9 50.1 75.1
61 40.6 32.6 49.0





#33

1,2-Dichloroethane-d4

Concen: 48.146 ug/l

RT: 4.940 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV038924.D

Acq: 18 Jul 2025 16:06

Instrument :

MSVOA_V

ClientSampleId :

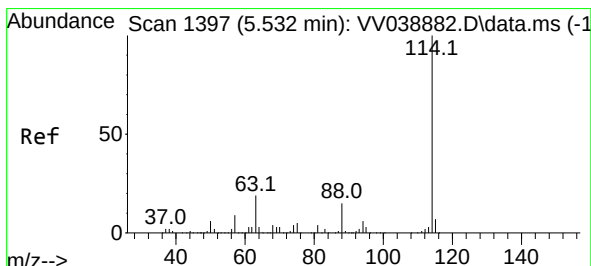
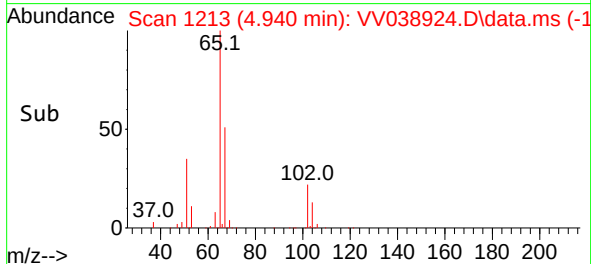
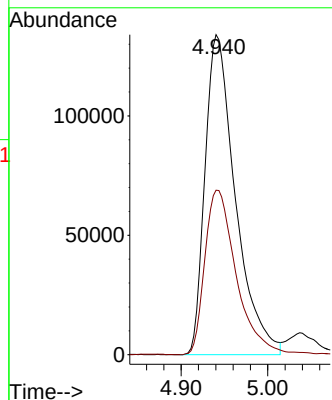
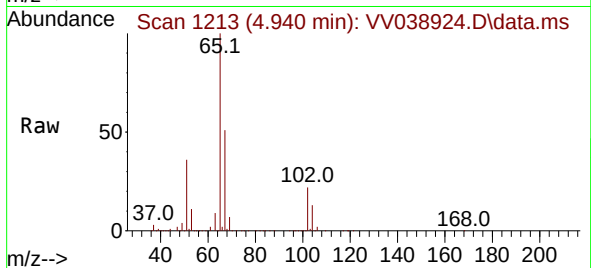
VSTDCCC050EC

Tgt Ion: 65 Resp: 326388

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. -0.000 min

Lab File: VV038924.D

Acq: 18 Jul 2025 16:06

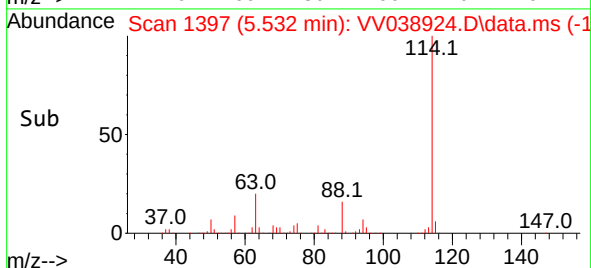
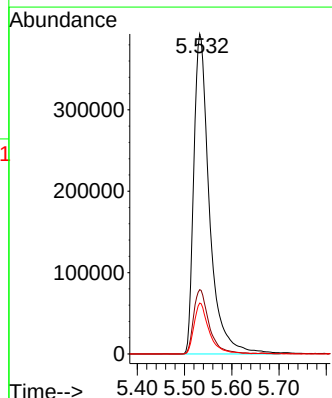
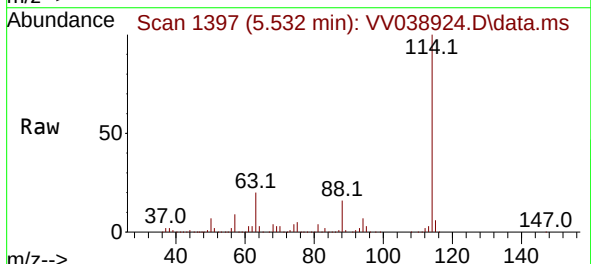
Tgt Ion: 114 Resp: 906476

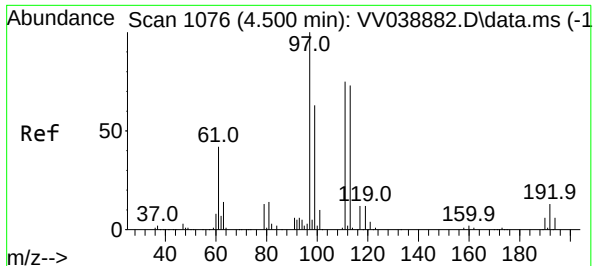
Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.2

88 15.9 0.0 30.8





#35

Dibromofluoromethane

Concen: 50.436 ug/l

RT: 4.500 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VV038924.D

Acq: 18 Jul 2025 16:06

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

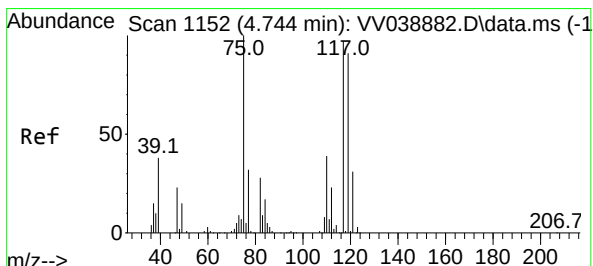
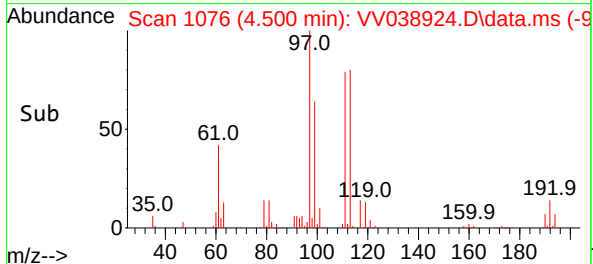
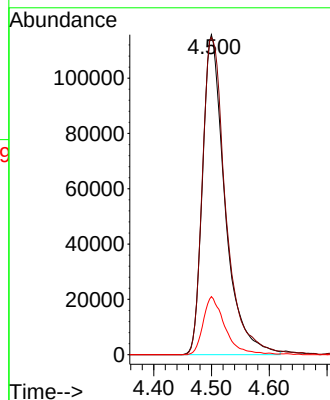
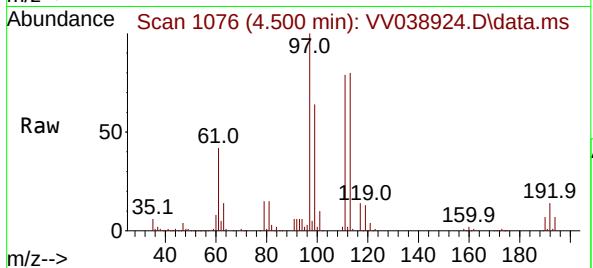
Tgt Ion:113 Resp: 311714

Ion Ratio Lower Upper

113 100

111 103.1 83.3 124.9

192 17.5 14.2 21.4



#36

1,1-Dichloropropene

Concen: 54.688 ug/l

RT: 4.744 min Scan# 1152

Delta R.T. -0.000 min

Lab File: VV038924.D

Acq: 18 Jul 2025 16:06

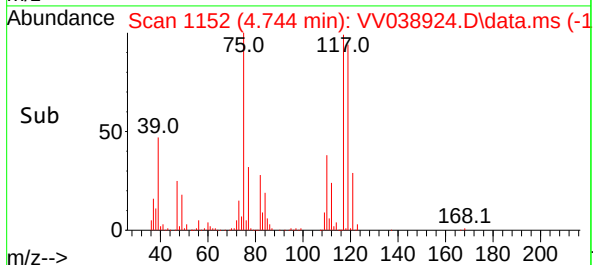
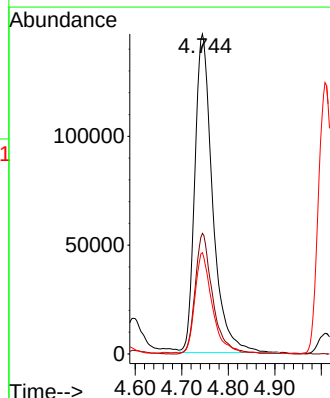
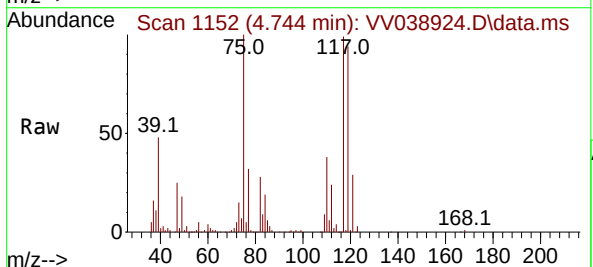
Tgt Ion: 75 Resp: 388440

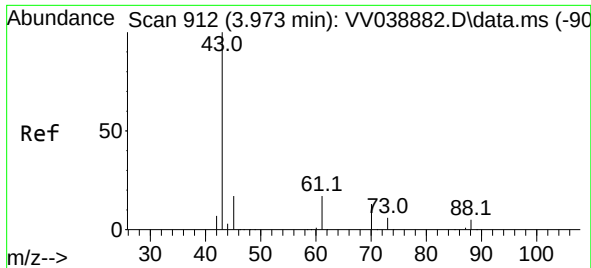
Ion Ratio Lower Upper

75 100

110 37.5 18.8 56.3

77 29.9 24.2 36.4

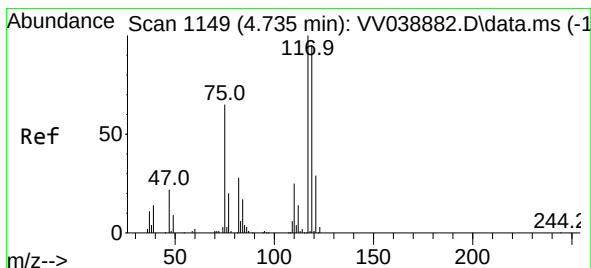
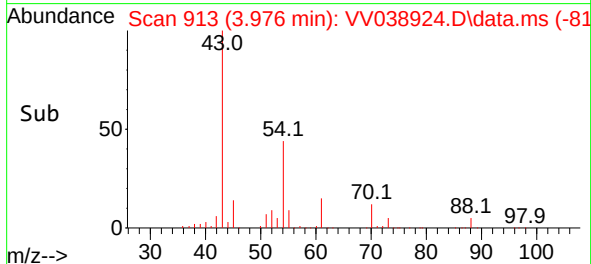
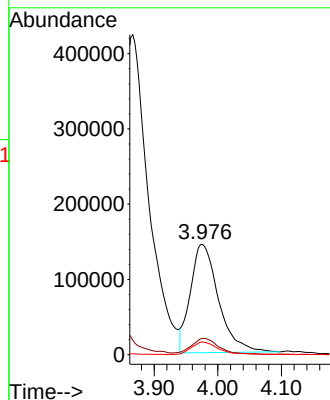
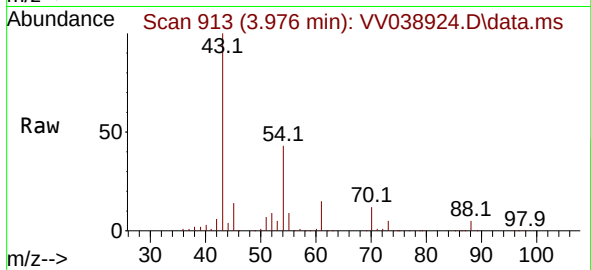




#37
Ethyl Acetate
Concen: 52.956 ug/l
RT: 3.976 min Scan# 912
Delta R.T. 0.003 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

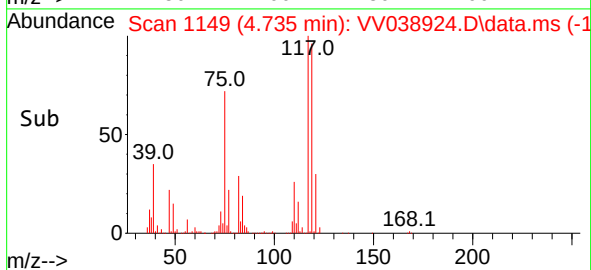
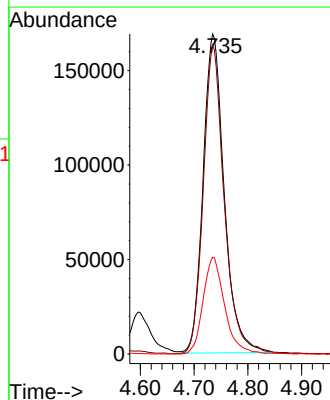
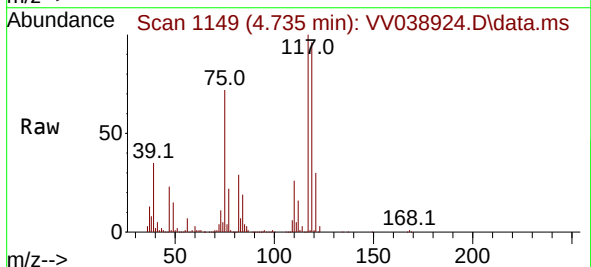
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

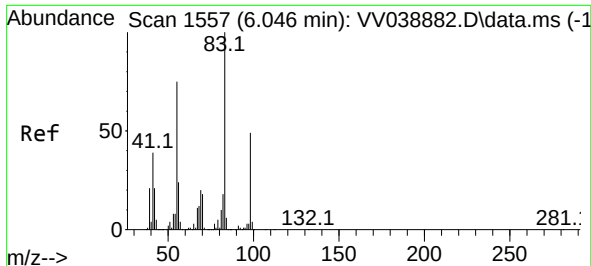
Tgt Ion: 43 Resp: 442856
Ion Ratio Lower Upper
43 100
61 14.1 11.1 16.7
70 10.6 8.9 13.3



#38
Carbon Tetrachloride
Concen: 48.965 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

Tgt Ion: 117 Resp: 461974
Ion Ratio Lower Upper
117 100
119 96.7 76.0 114.0
121 30.4 23.1 34.7





#39

Methylcyclohexane

Concen: 57.251 ug/l

RT: 6.046 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV038924.D

Acq: 18 Jul 2025 16:06

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

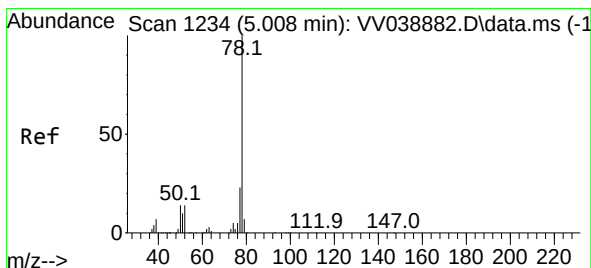
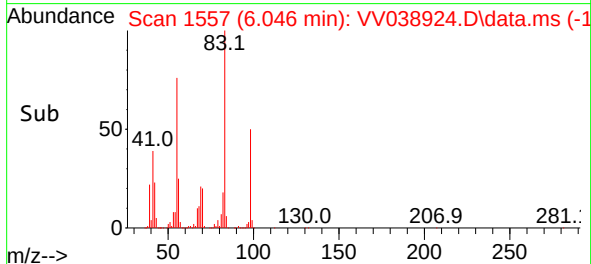
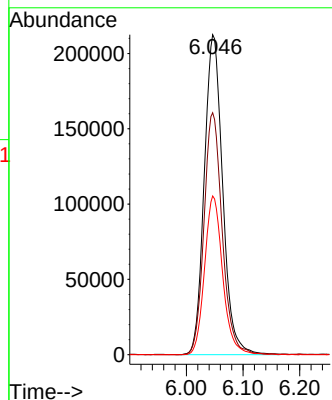
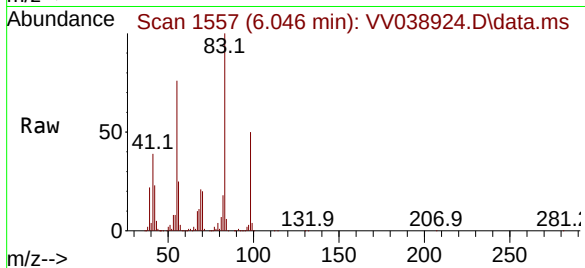
Tgt Ion: 83 Resp: 479812

Ion Ratio Lower Upper

83 100

55 75.5 60.0 90.0

98 49.6 39.0 58.6



#40

Benzene

Concen: 52.247 ug/l

RT: 5.008 min Scan# 1234

Delta R.T. -0.000 min

Lab File: VV038924.D

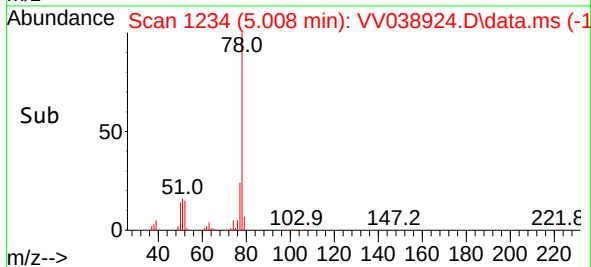
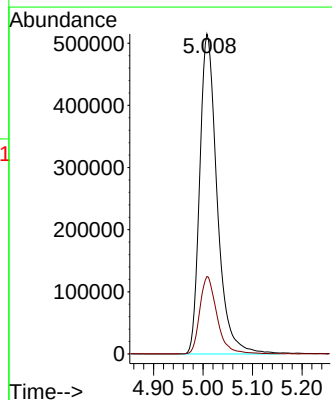
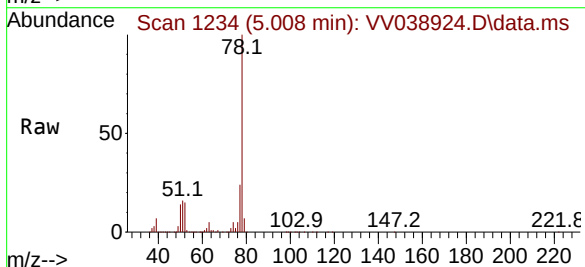
Acq: 18 Jul 2025 16:06

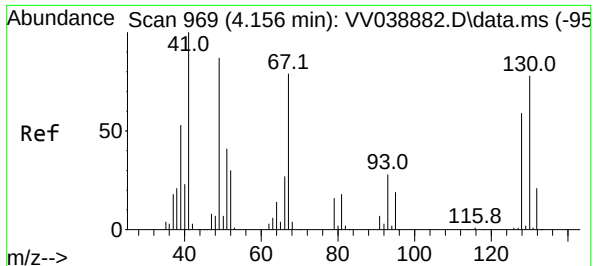
Tgt Ion: 78 Resp: 1258037

Ion Ratio Lower Upper

78 100

77 24.2 18.6 28.0

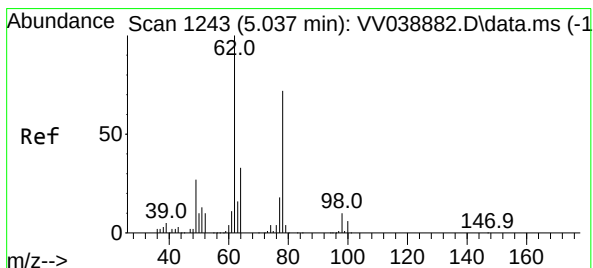
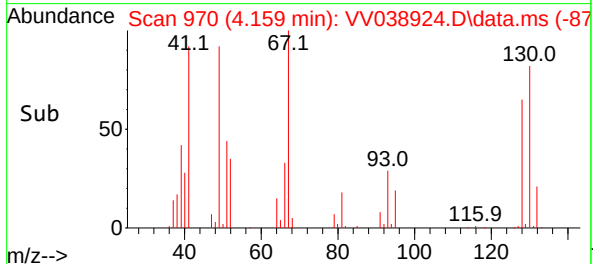
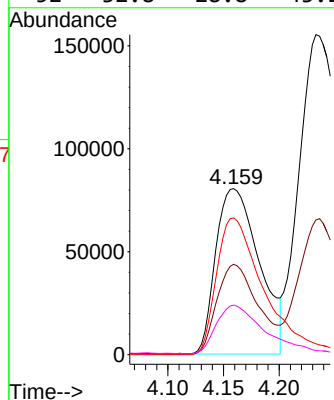
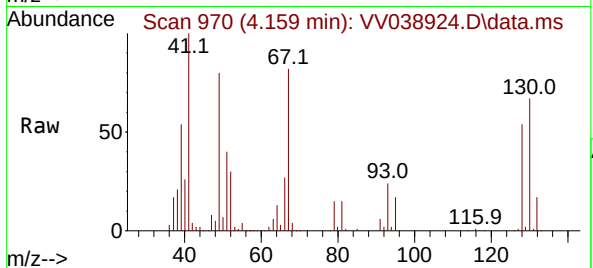




#41
Methacrylonitrile
Concen: 57.089 ug/l
RT: 4.159 min Scan# 91
Delta R.T. 0.003 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

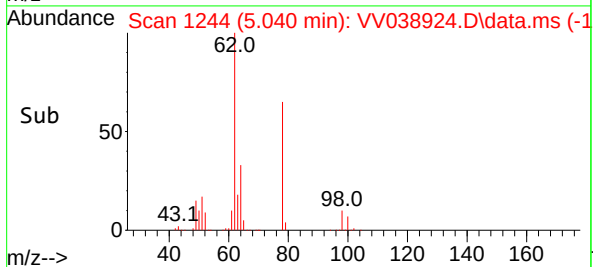
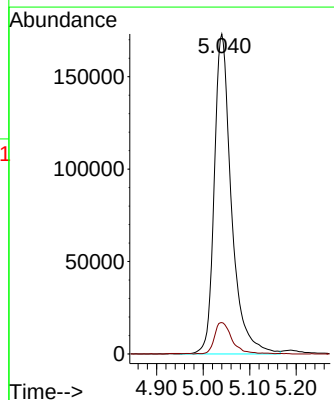
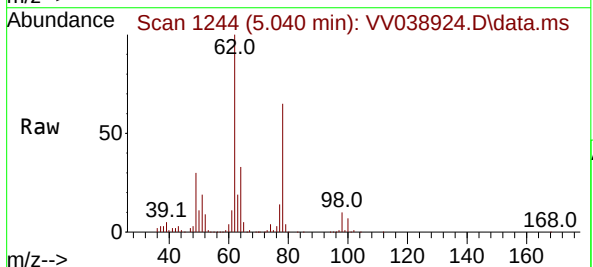
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

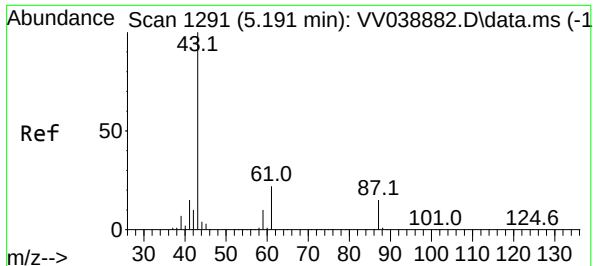
Tgt Ion: 41 Resp: 219108
Ion Ratio Lower Upper
41 100
39 51.5 42.0 63.0
67 91.3 76.2 114.2
52 32.8 28.8 43.2



#42
1,2-Dichloroethane
Concen: 48.449 ug/l
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

Tgt Ion: 62 Resp: 444656
Ion Ratio Lower Upper
62 100
98 9.6 0.0 18.8

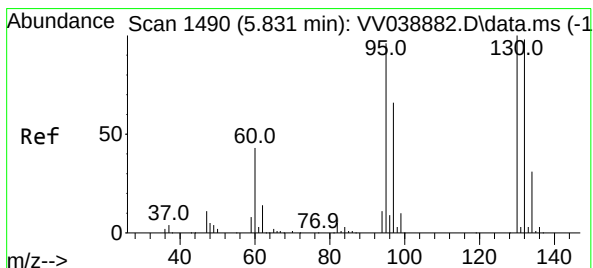
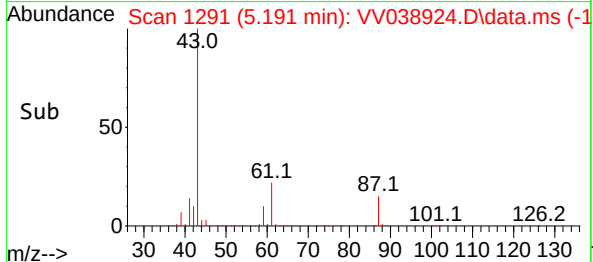
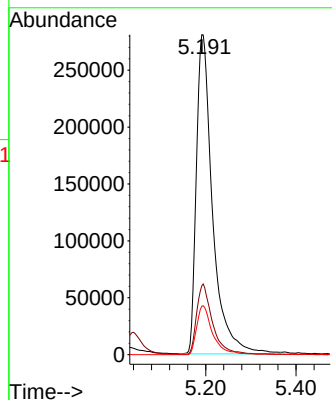
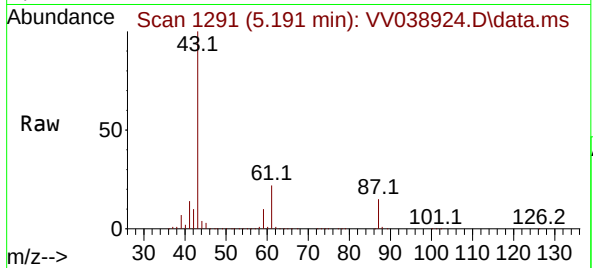




#43
Isopropyl Acetate
Concen: 52.817 ug/l
RT: 5.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

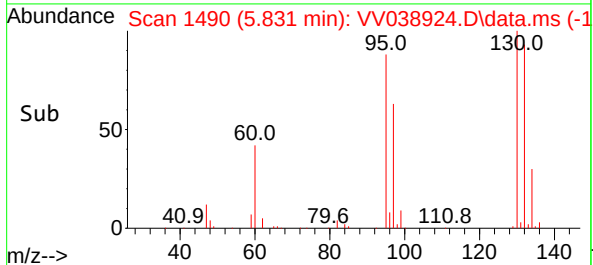
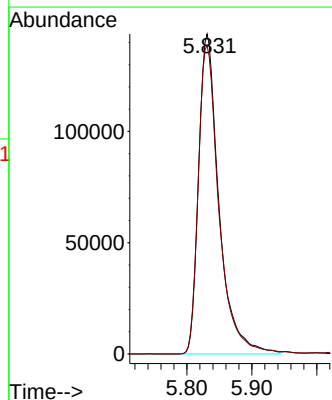
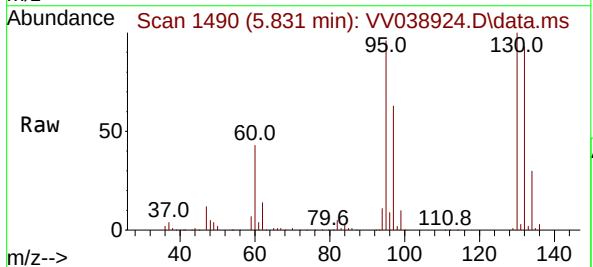
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

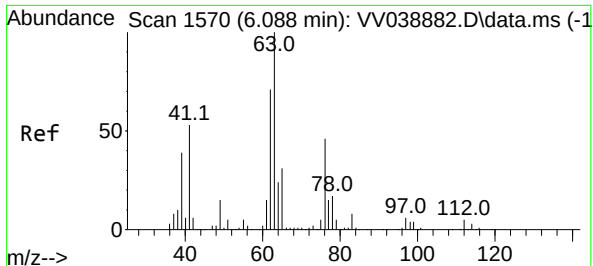
Tgt Ion: 43 Resp: 698555
Ion Ratio Lower Upper
43 100
61 21.4 17.1 25.7
87 15.0 12.2 18.4



#44
Trichloroethene
Concen: 49.926 ug/l
RT: 5.831 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

Tgt Ion:130 Resp: 314128
Ion Ratio Lower Upper
130 100
95 96.4 0.0 191.2





#45

1,2-Dichloropropane

Concen: 51.149 ug/l

RT: 6.088 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV038924.D

Acq: 18 Jul 2025 16:06

Instrument :

MSVOA_V

ClientSampleId :

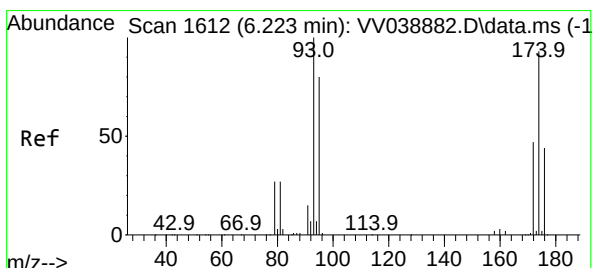
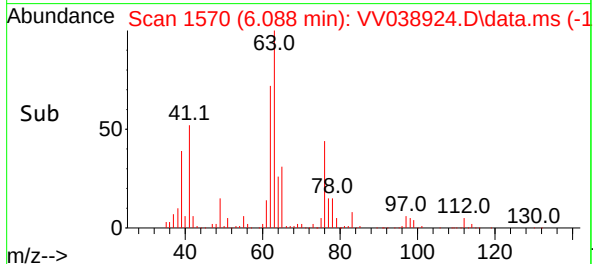
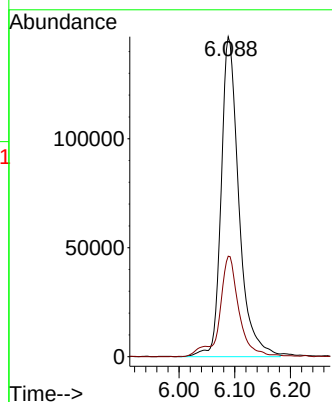
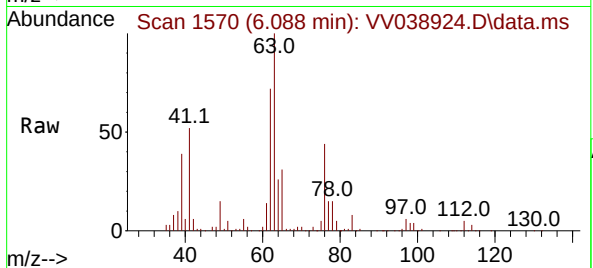
VSTDCCC050EC

Tgt Ion: 63 Resp: 325331

Ion Ratio Lower Upper

63 100

65 31.3 24.9 37.3



#46

Dibromomethane

Concen: 49.649 ug/l

RT: 6.223 min Scan# 1612

Delta R.T. -0.000 min

Lab File: VV038924.D

Acq: 18 Jul 2025 16:06

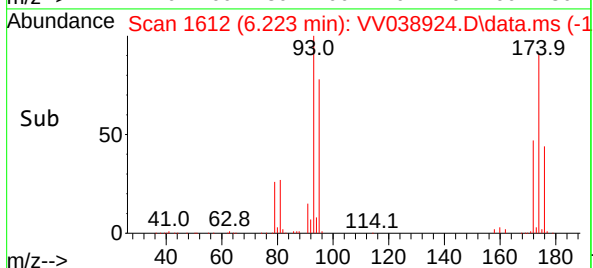
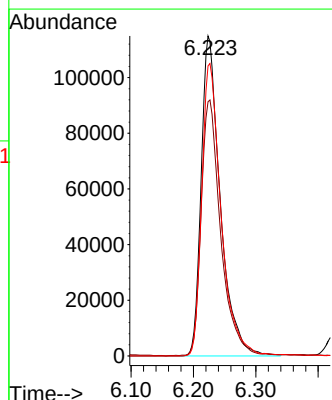
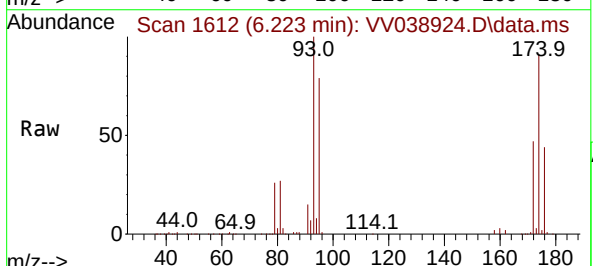
Tgt Ion: 93 Resp: 244335

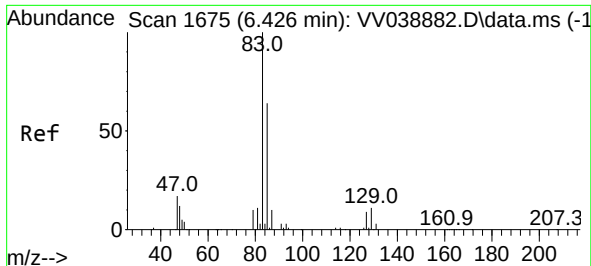
Ion Ratio Lower Upper

93 100

95 81.8 66.2 99.4

174 92.9 75.3 112.9



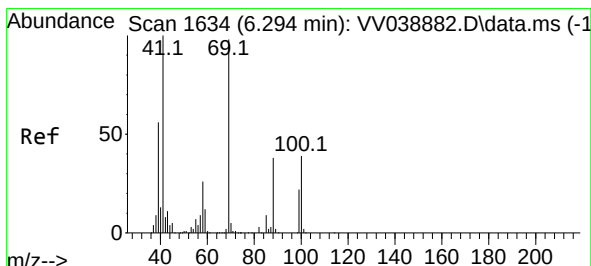
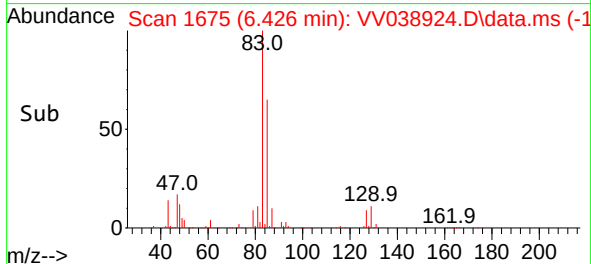
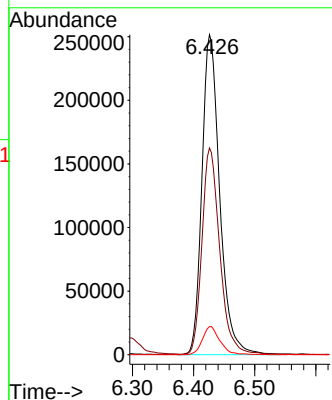
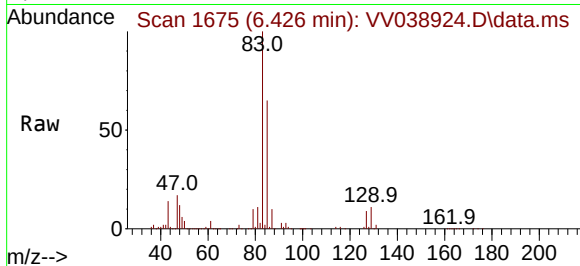


#47
 Bromodichloromethane
 Concen: 48.707 ug/l
 RT: 6.426 min Scan# 1675
 Delta R.T. -0.000 min
 Lab File: VV038924.D
 Acq: 18 Jul 2025 16:06

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 83 Resp: 508703

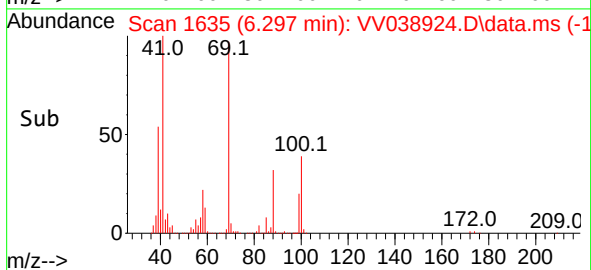
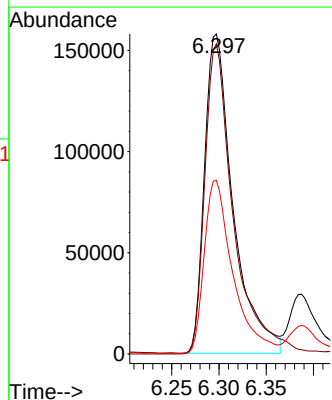
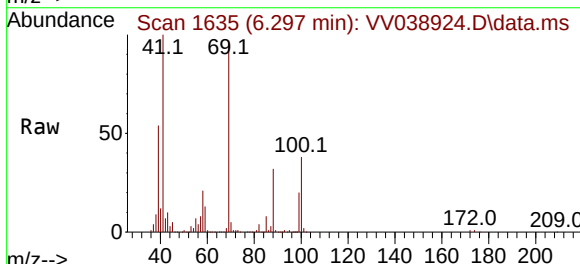
Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.4	77.0
127	8.8	6.9	10.3

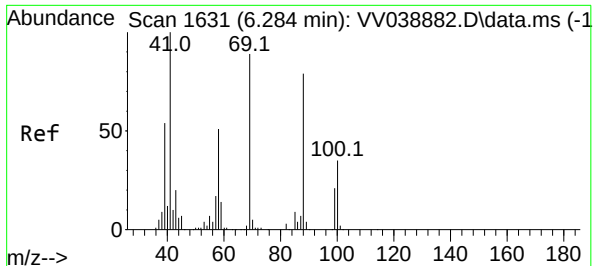


#48
 Methyl methacrylate
 Concen: 58.005 ug/l
 RT: 6.297 min Scan# 1635
 Delta R.T. 0.003 min
 Lab File: VV038924.D
 Acq: 18 Jul 2025 16:06

Tgt Ion: 41 Resp: 332945

Ion	Ratio	Lower	Upper
41	100		
69	97.6	79.4	119.2
39	53.9	44.0	66.0





#49

1,4-Dioxane

Concen: 1053.955 ug/l

RT: 6.288 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV038924.D

Acq: 18 Jul 2025 16:06

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

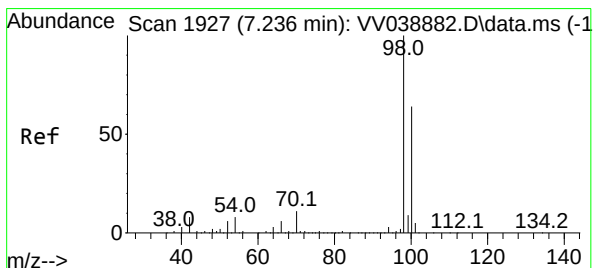
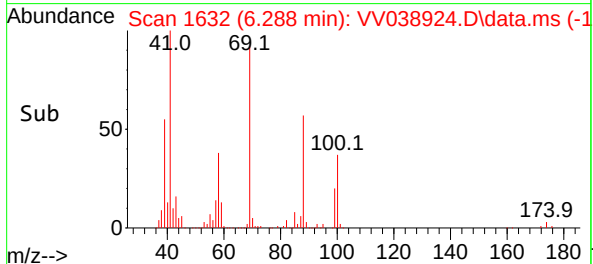
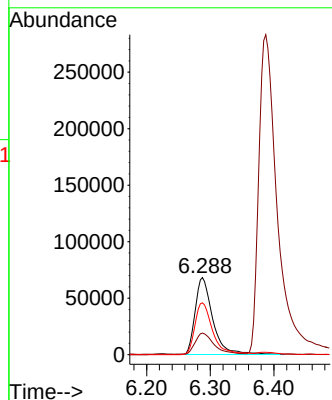
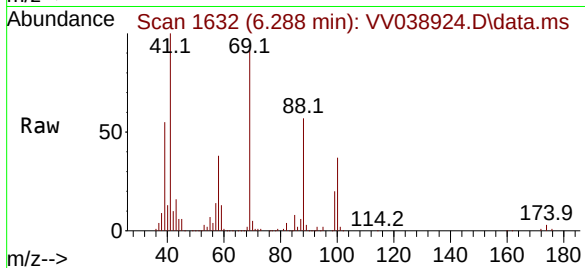
Tgt Ion: 88 Resp: 130343

Ion Ratio Lower Upper

88 100

43 30.0 23.0 34.4

58 68.3 53.8 80.6



#50

Toluene-d8

Concen: 46.726 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. -0.000 min

Lab File: VV038924.D

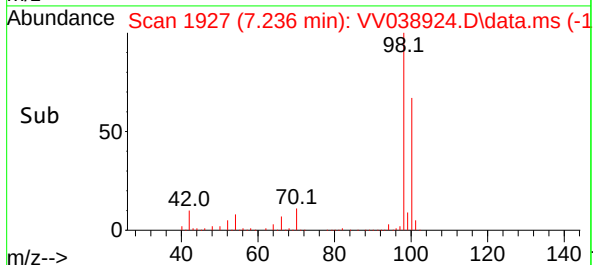
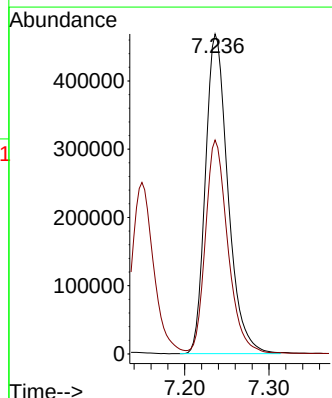
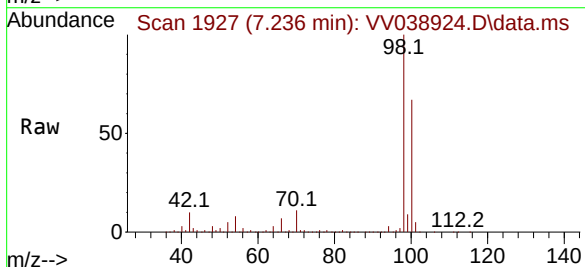
Acq: 18 Jul 2025 16:06

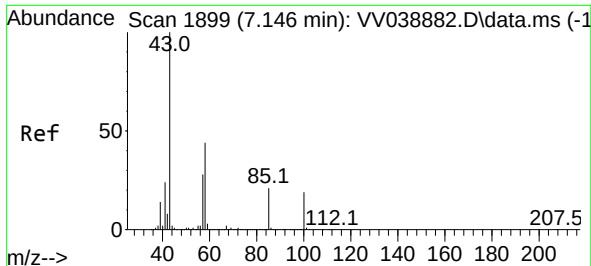
Tgt Ion: 98 Resp: 872918

Ion Ratio Lower Upper

98 100

100 66.4 52.9 79.3

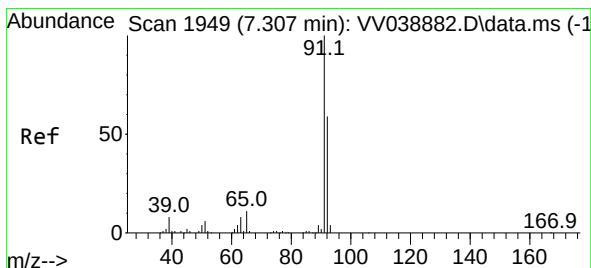
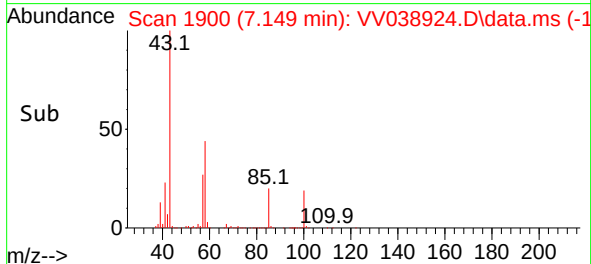
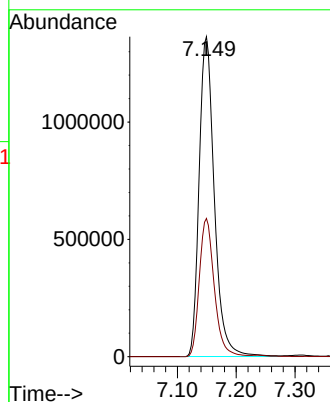
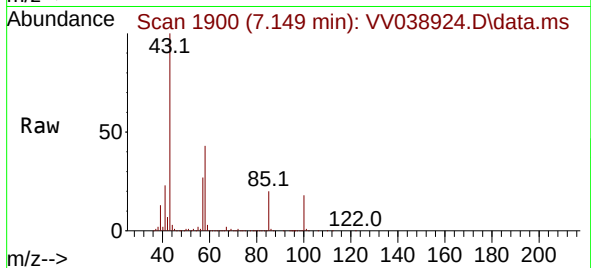




#51
4-Methyl-2-Pentanone
Concen: 271.762 ug/l
RT: 7.149 min Scan# 1900
Delta R.T. 0.003 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

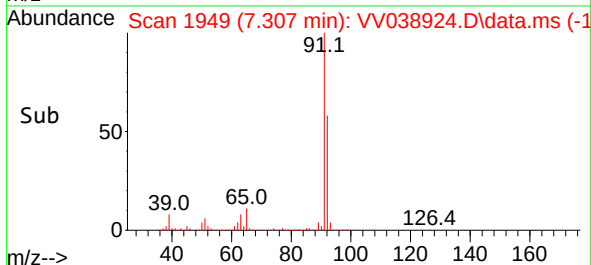
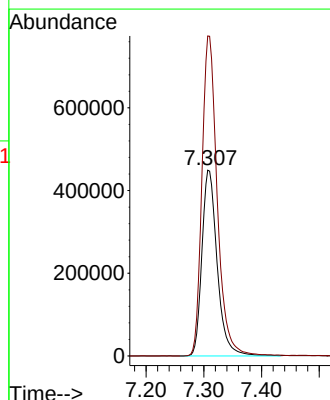
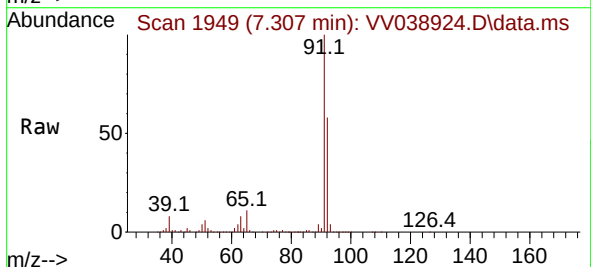
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

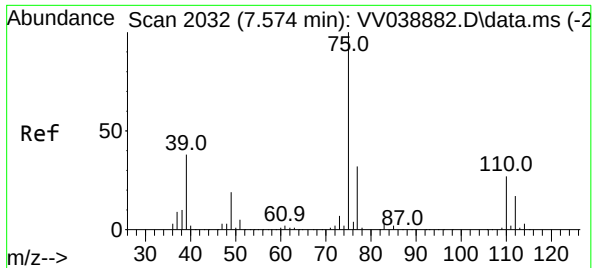
Tgt Ion: 43 Resp: 2447423
Ion Ratio Lower Upper
43 100
58 42.6 34.5 51.7



#52
Toluene
Concen: 54.395 ug/l
RT: 7.307 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

Tgt Ion: 92 Resp: 825089
Ion Ratio Lower Upper
92 100
91 172.7 137.1 205.7

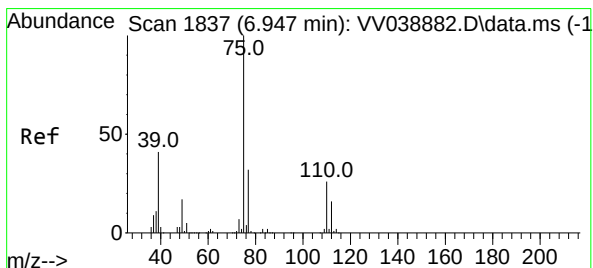
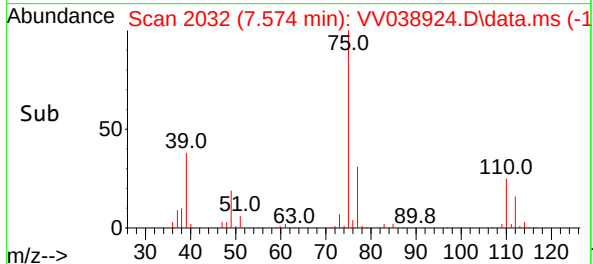
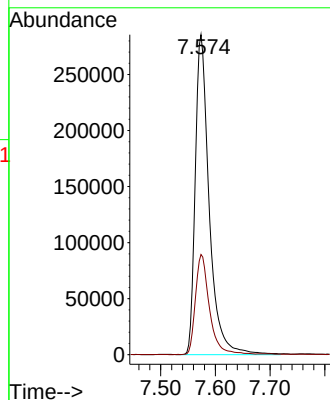
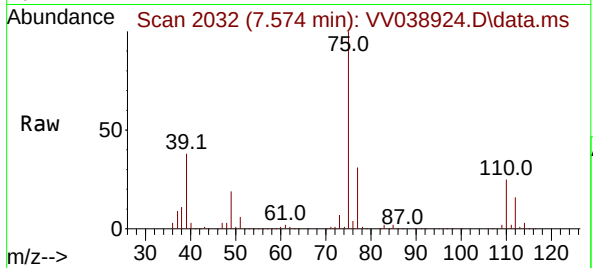




#53
 t-1,3-Dichloropropene
 Concen: 53.444 ug/l
 RT: 7.574 min Scan# 2032
 Delta R.T. -0.000 min
 Lab File: VV038924.D
 Acq: 18 Jul 2025 16:06

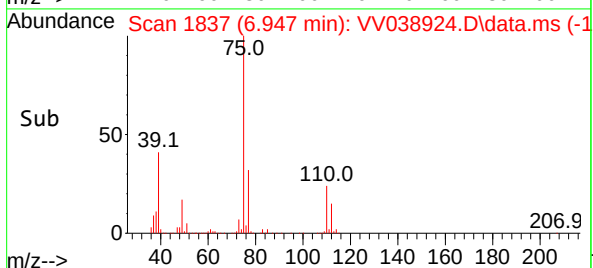
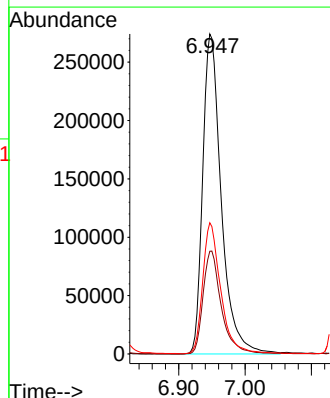
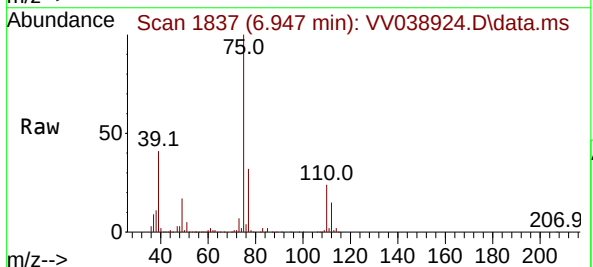
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

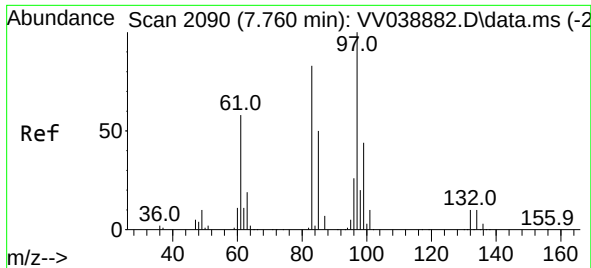
Tgt Ion: 75 Resp: 505067
 Ion Ratio Lower Upper
 75 100
 77 31.2 26.0 39.0



#54
 cis-1,3-Dichloropropene
 Concen: 52.235 ug/l
 RT: 6.947 min Scan# 1837
 Delta R.T. -0.000 min
 Lab File: VV038924.D
 Acq: 18 Jul 2025 16:06

Tgt Ion: 75 Resp: 533622
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.5 38.3
 39 40.9 33.1 49.7





#55

1,1,2-Trichloroethane

Concen: 47.648 ug/l

RT: 7.760 min Scan# 2090

Delta R.T. -0.000 min

Lab File: VV038924.D

Acq: 18 Jul 2025 16:06

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 345461

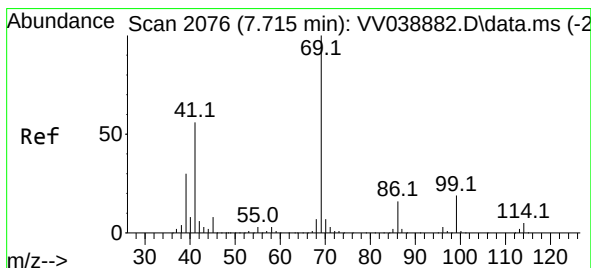
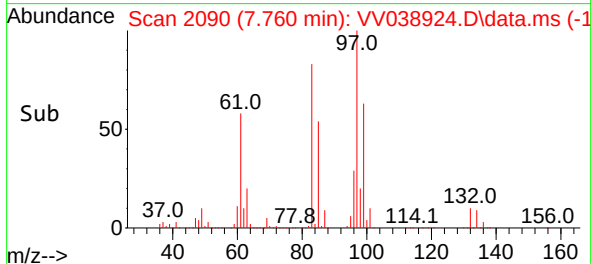
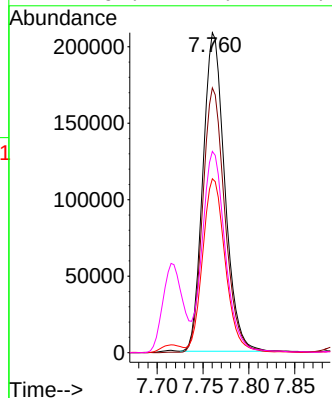
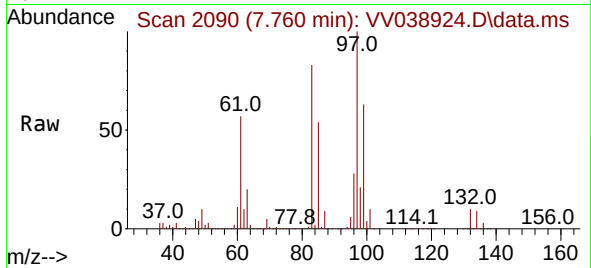
Ion Ratio Lower Upper

97 100

83 83.0 66.2 99.4

85 54.3 41.4 62.2

99 62.7 49.9 74.9



#56

Ethyl methacrylate

Concen: 60.782 ug/l

RT: 7.715 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VV038924.D

Acq: 18 Jul 2025 16:06

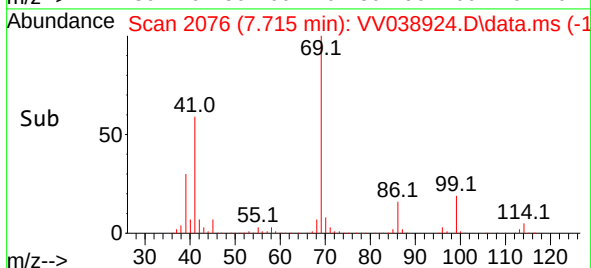
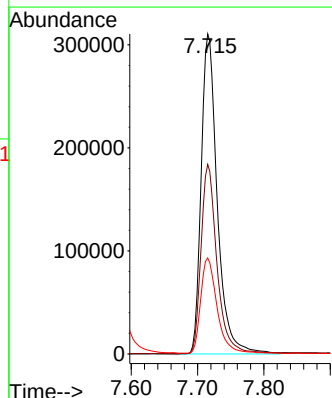
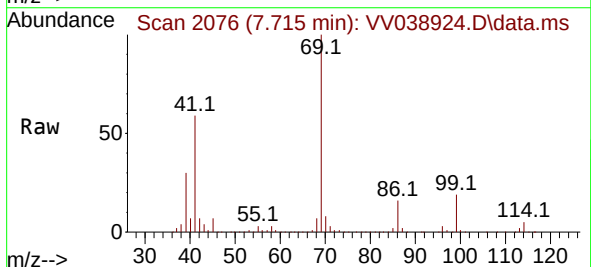
Tgt Ion: 69 Resp: 523678

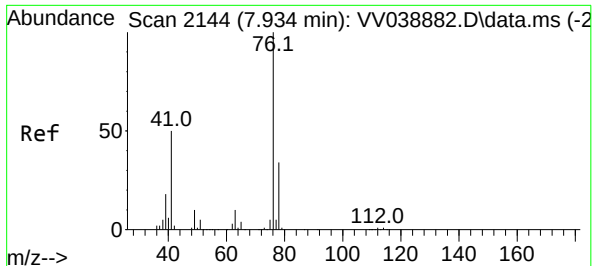
Ion Ratio Lower Upper

69 100

41 58.6 45.7 68.5

39 30.4 23.8 35.8





#57

1,3-Dichloropropane

Concen: 51.658 ug/l

RT: 7.934 min Scan# 2144

Delta R.T. -0.000 min

Lab File: VV038924.D

Acq: 18 Jul 2025 16:06

Instrument :

MSVOA_V

ClientSampleId :

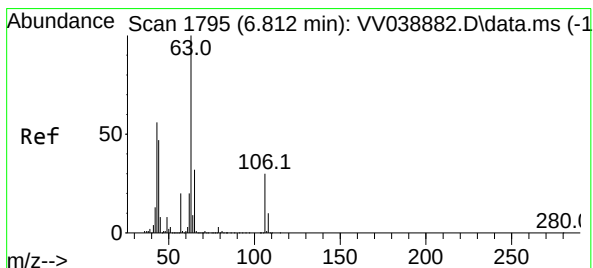
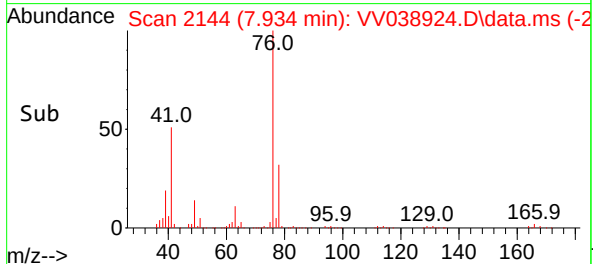
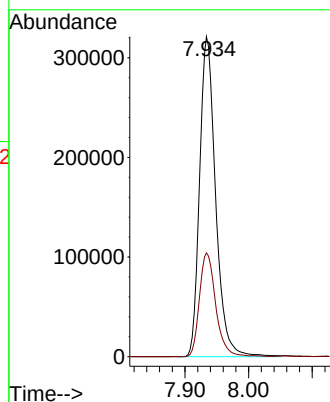
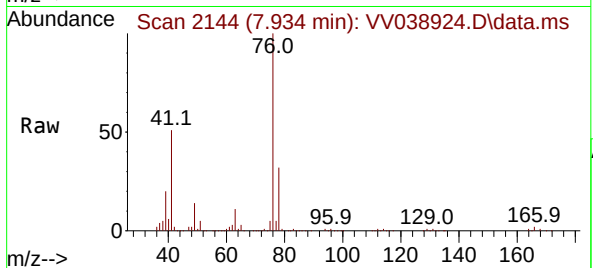
VSTDCCC050EC

Tgt Ion: 76 Resp: 561574

Ion Ratio Lower Upper

76 100

78 32.9 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 230.317 ug/l

RT: 6.812 min Scan# 1795

Delta R.T. -0.000 min

Lab File: VV038924.D

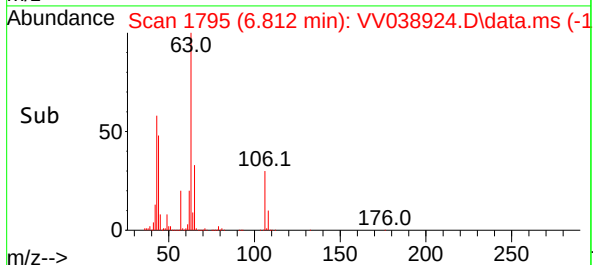
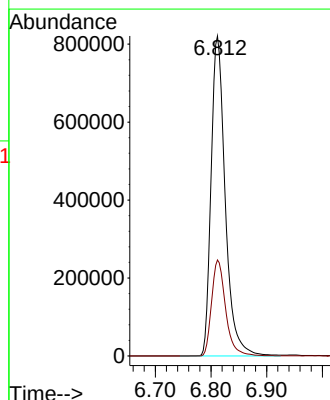
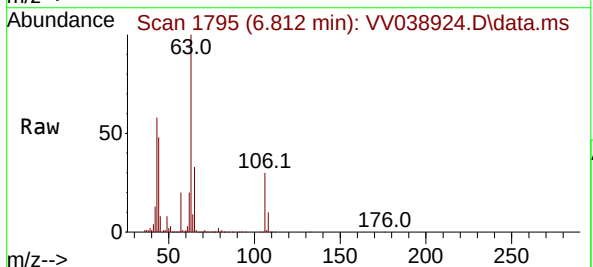
Acq: 18 Jul 2025 16:06

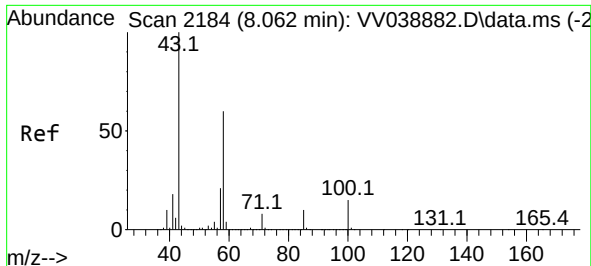
Tgt Ion: 63 Resp: 1446828

Ion Ratio Lower Upper

63 100

106 29.8 24.1 36.1

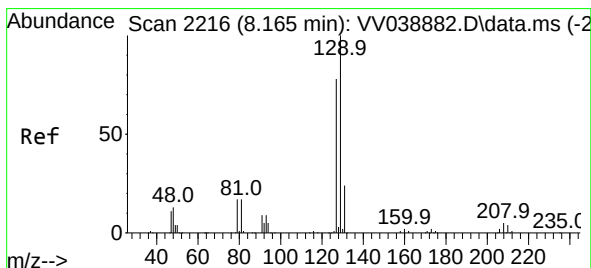
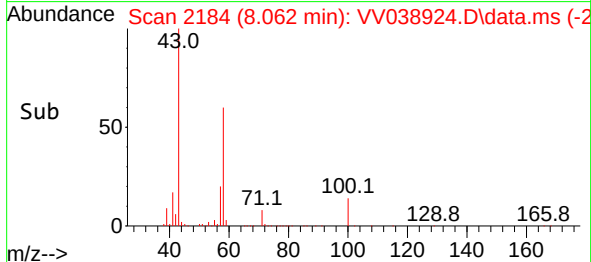
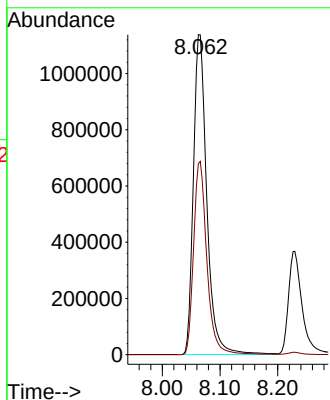
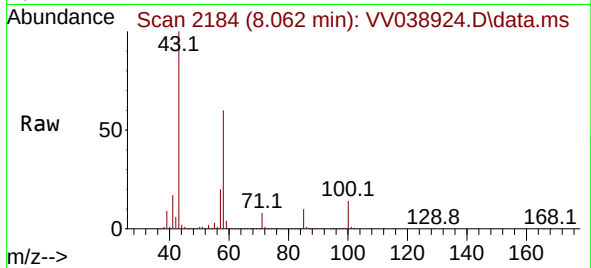




#59
2-Hexanone
Concen: 273.758 ug/l
RT: 8.062 min Scan# 2184
Delta R.T. -0.000 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

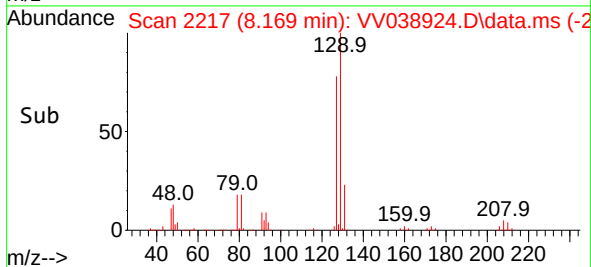
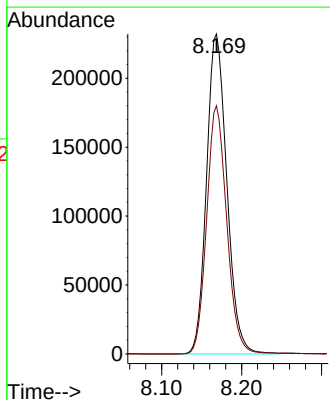
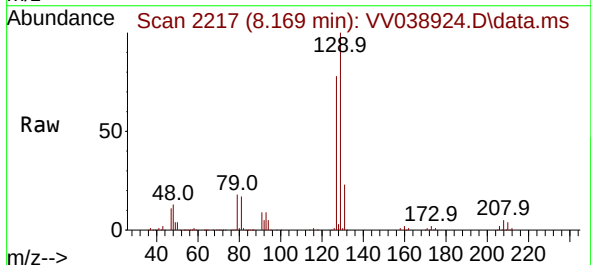
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

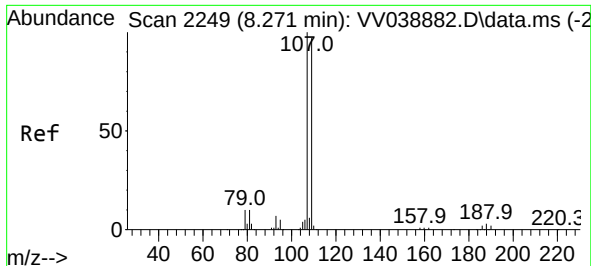
Tgt Ion: 43 Resp: 1835260
Ion Ratio Lower Upper
43 100
58 59.8 29.6 88.8



#60
Dibromochloromethane
Concen: 47.962 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

Tgt Ion: 129 Resp: 409505
Ion Ratio Lower Upper
129 100
127 76.6 39.4 118.2

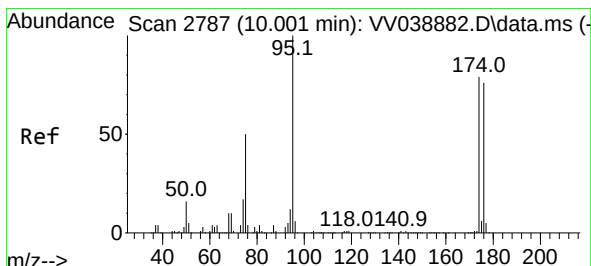
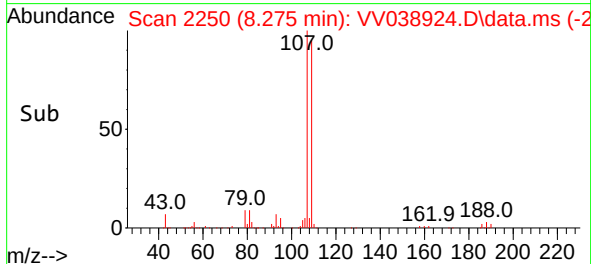
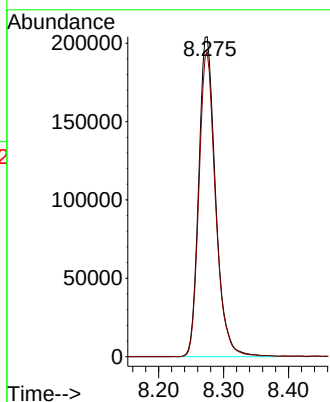
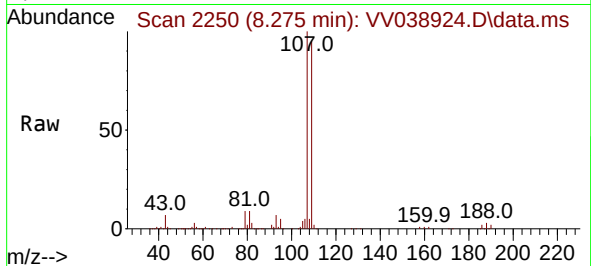




#61
1,2-Dibromoethane
Concen: 50.575 ug/l
RT: 8.275 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

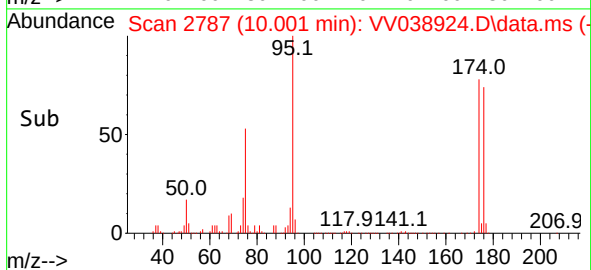
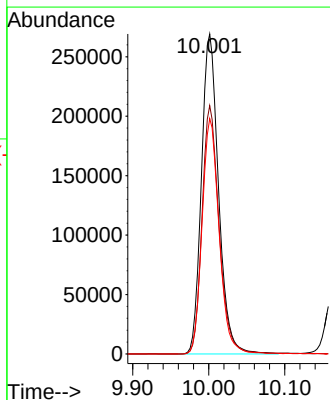
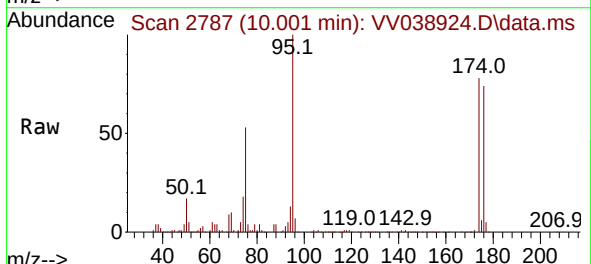
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

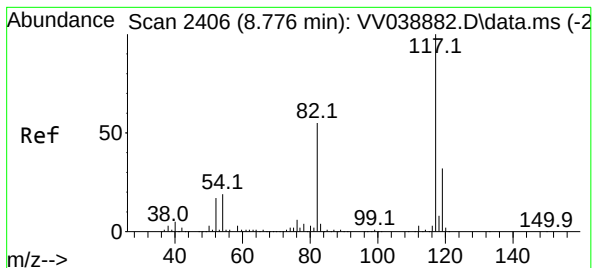
Tgt Ion:107 Resp: 369412
Ion Ratio Lower Upper
107 100
109 93.8 77.1 115.7



#62
4-Bromofluorobenzene
Concen: 56.040 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. -0.000 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

Tgt Ion: 95 Resp: 421731
Ion Ratio Lower Upper
95 100
174 77.2 0.0 160.0
176 73.2 0.0 152.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.776 min Scan# 2406

Delta R.T. -0.000 min

Lab File: VV038924.D

Acq: 18 Jul 2025 16:06

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

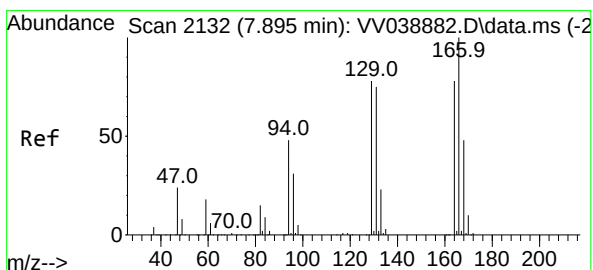
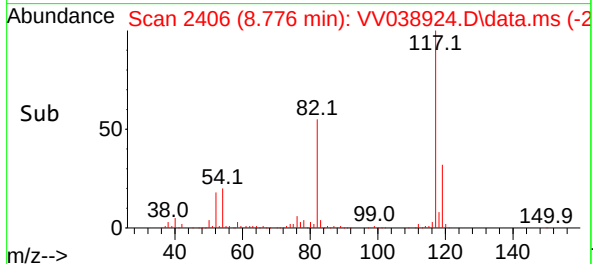
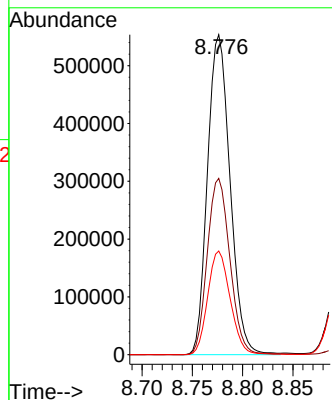
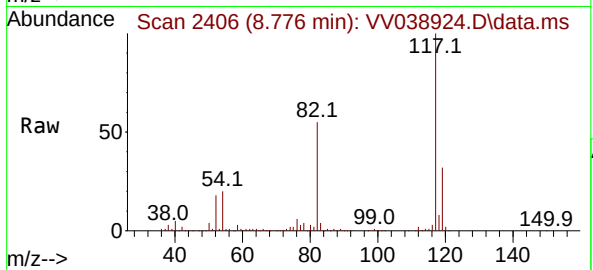
Tgt Ion:117 Resp: 865390

Ion Ratio Lower Upper

117 100

82 55.1 43.7 65.5

119 32.4 25.4 38.0



#64

Tetrachloroethene

Concen: 49.501 ug/l

RT: 7.898 min Scan# 2133

Delta R.T. 0.003 min

Lab File: VV038924.D

Acq: 18 Jul 2025 16:06

Tgt Ion:164 Resp: 280948

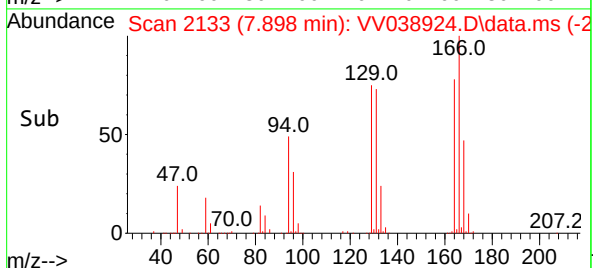
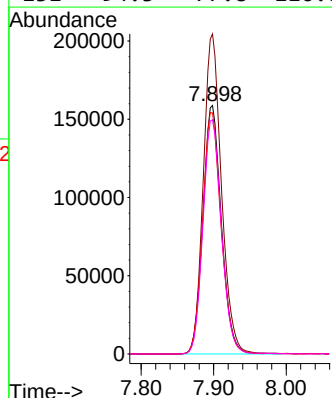
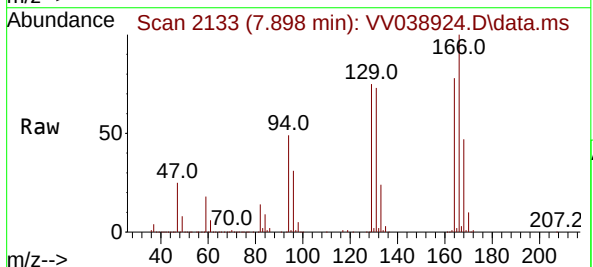
Ion Ratio Lower Upper

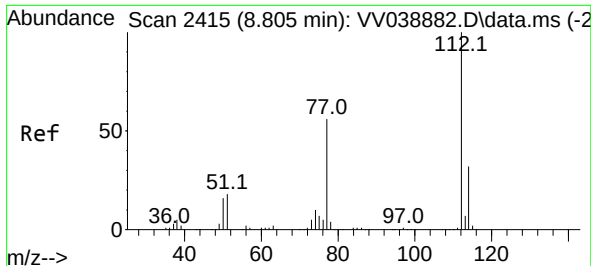
164 100

166 128.8 103.2 154.8

129 97.0 81.0 121.4

131 94.3 77.8 116.8

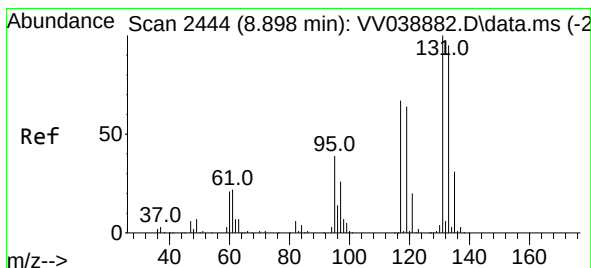
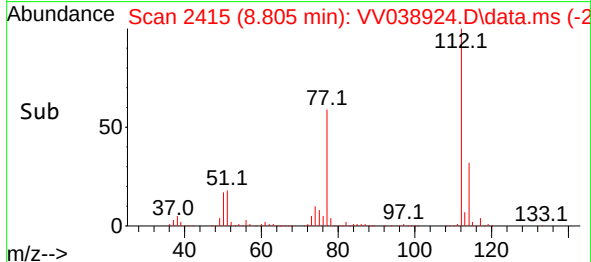
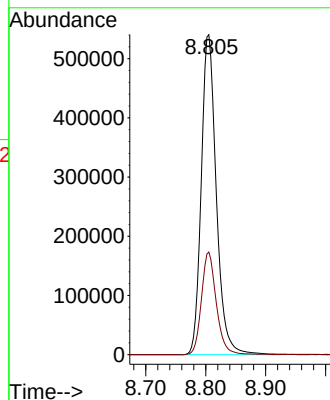
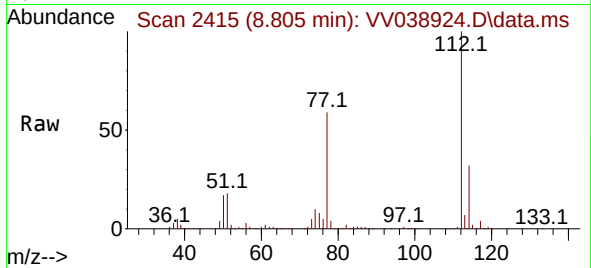




#65
Chlorobenzene
Concen: 50.061 ug/l
RT: 8.805 min Scan# 2415
Delta R.T. -0.000 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

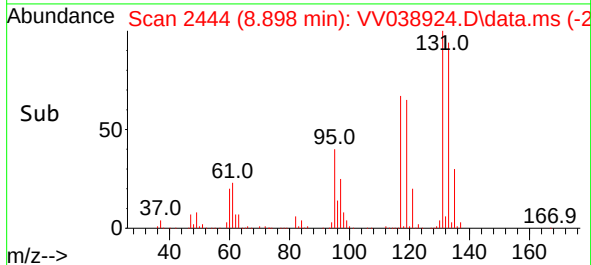
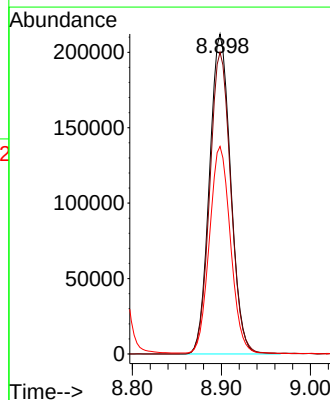
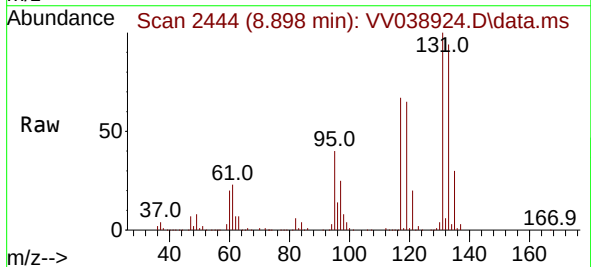
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

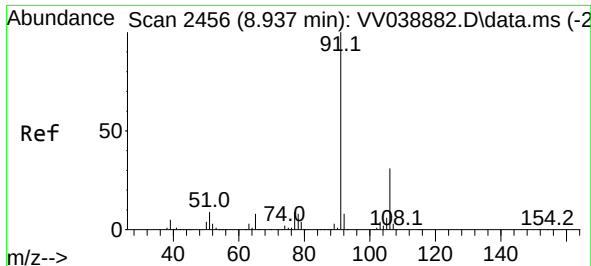
Tgt Ion:112 Resp: 946598
Ion Ratio Lower Upper
112 100
114 32.1 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 46.369 ug/l
RT: 8.898 min Scan# 2444
Delta R.T. -0.000 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

Tgt Ion:131 Resp: 349660
Ion Ratio Lower Upper
131 100
133 94.2 47.6 142.9
119 64.5 32.0 96.2





#67

Ethyl Benzene

Concen: 56.979 ug/l

RT: 8.937 min Scan# 2456

Delta R.T. -0.000 min

Lab File: VV038924.D

Acq: 18 Jul 2025 16:06

Instrument :

MSVOA_V

ClientSampleId :

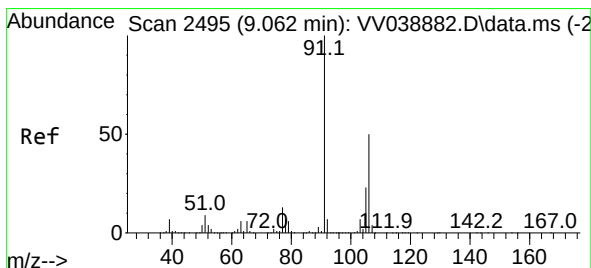
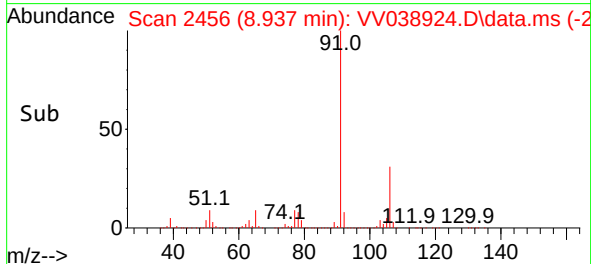
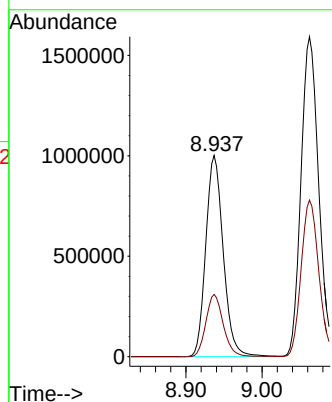
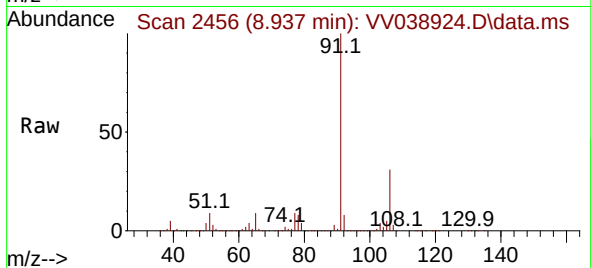
VSTDCCC050EC

Tgt Ion: 91 Resp: 1599838

Ion Ratio Lower Upper

91 100

106 30.9 24.8 37.2



#68

m/p-Xylenes

Concen: 116.038 ug/l

RT: 9.062 min Scan# 2495

Delta R.T. -0.000 min

Lab File: VV038924.D

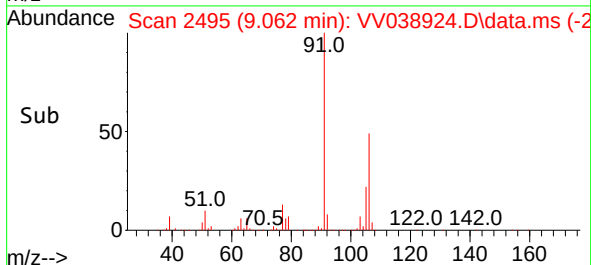
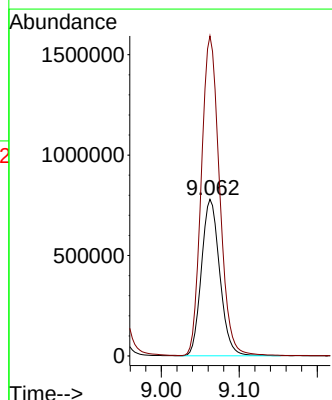
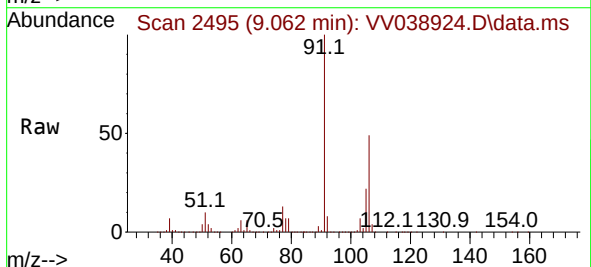
Acq: 18 Jul 2025 16:06

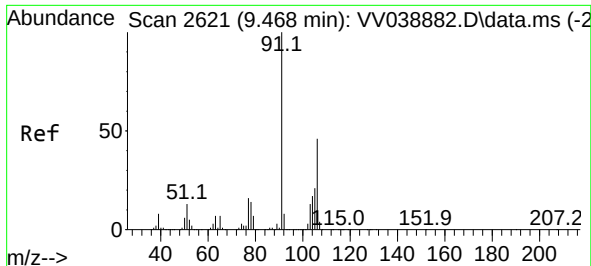
Tgt Ion:106 Resp: 1268475

Ion Ratio Lower Upper

106 100

91 203.9 161.0 241.6

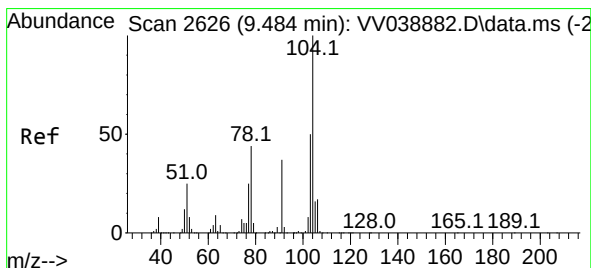
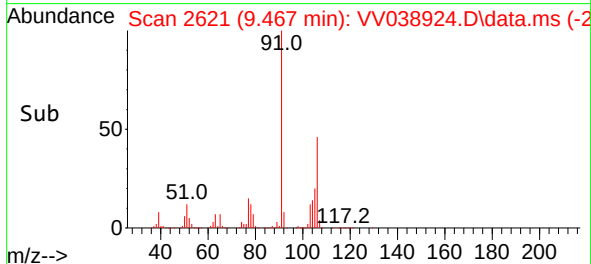
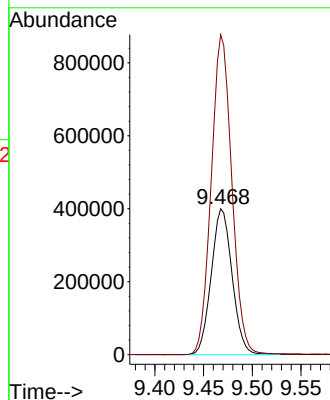
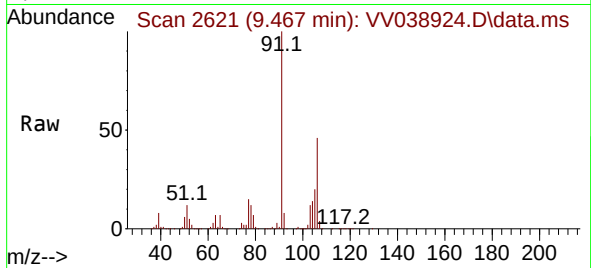




#69
o-Xylene
Concen: 57.644 ug/l
RT: 9.467 min Scan# 2621
Delta R.T. -0.000 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

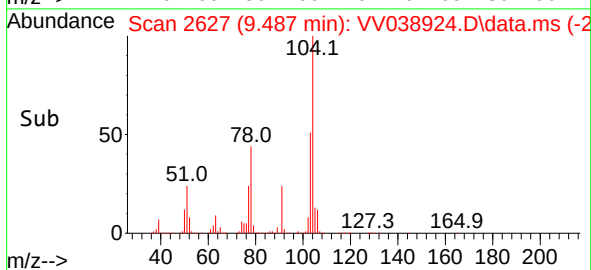
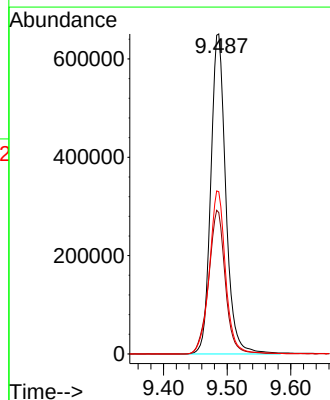
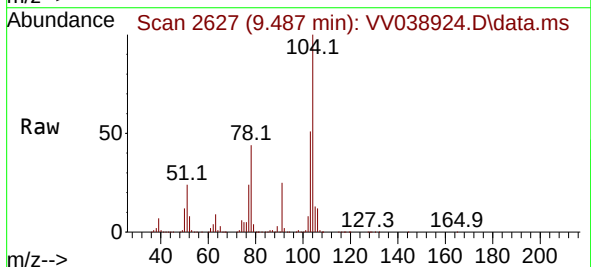
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

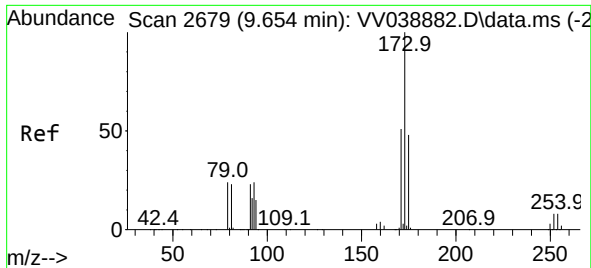
Tgt Ion:106 Resp: 594756
Ion Ratio Lower Upper
106 100
91 216.8 108.9 326.6



#70
Styrene
Concen: 58.641 ug/l
RT: 9.487 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

Tgt Ion:104 Resp: 1069343
Ion Ratio Lower Upper
104 100
78 49.6 39.9 59.9
103 55.2 43.4 65.2

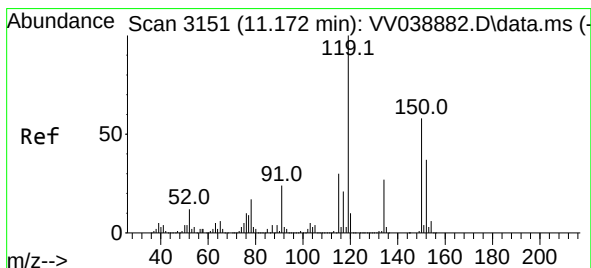
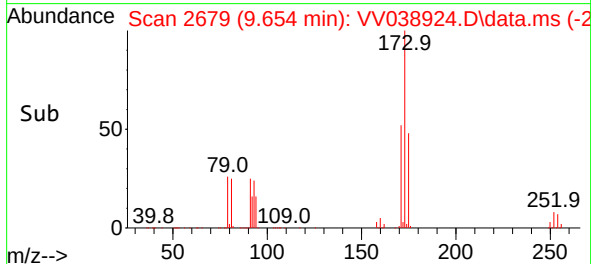
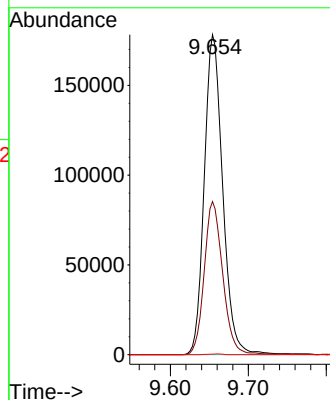
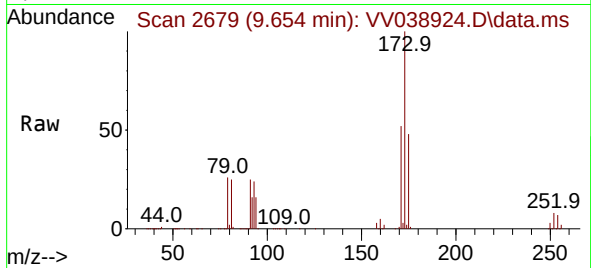




#71
Bromoform
Concen: 47.704 ug/l
RT: 9.654 min Scan# 2679
Delta R.T. -0.000 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

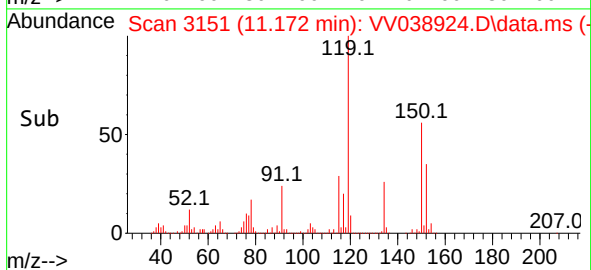
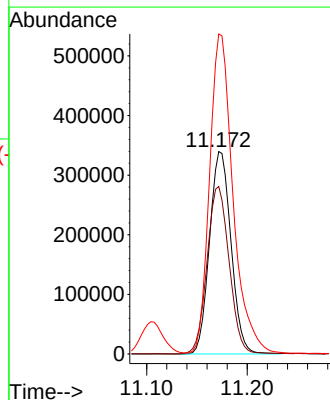
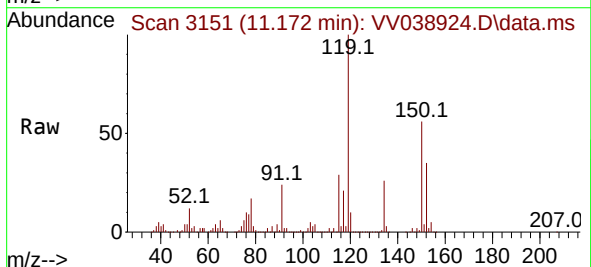
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

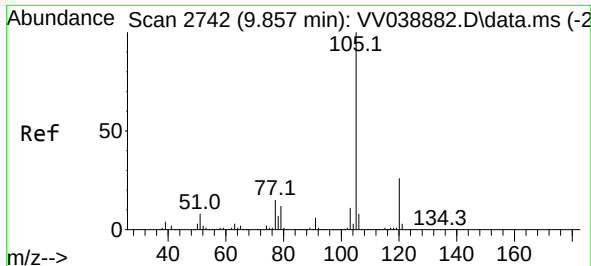
Tgt Ion:173 Resp: 292397
Ion Ratio Lower Upper
173 100
175 48.2 23.5 70.6
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

Tgt Ion:152 Resp: 503139
Ion Ratio Lower Upper
152 100
115 85.2 41.8 125.4
150 172.8 0.0 342.4

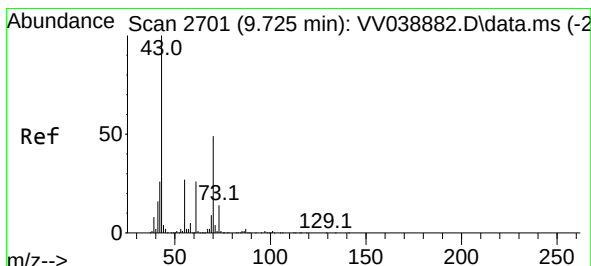
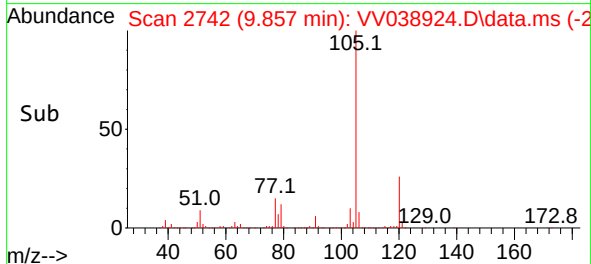
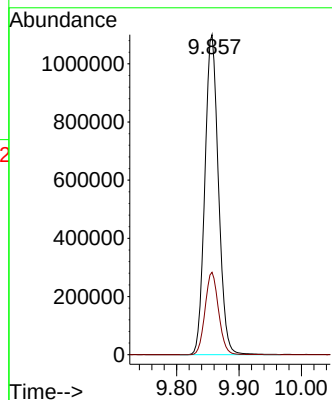
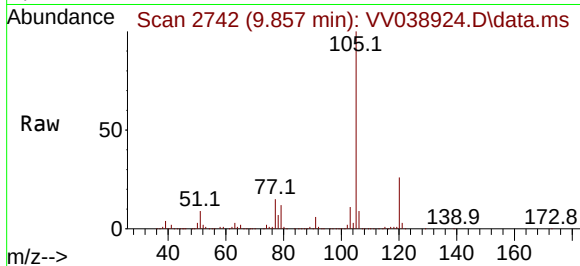




#73
Isopropylbenzene
Concen: 55.440 ug/l
RT: 9.857 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

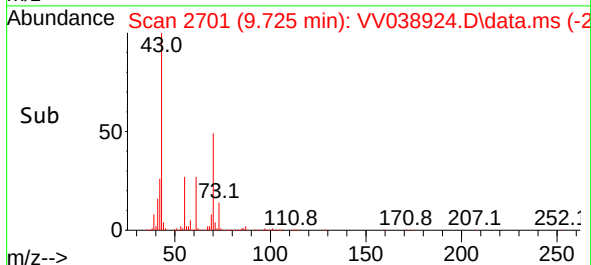
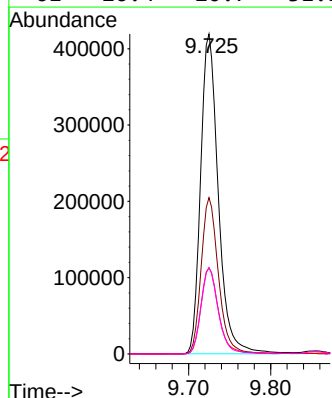
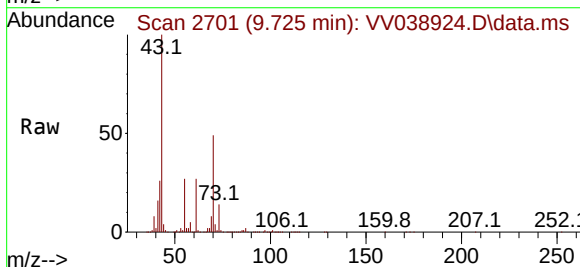
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

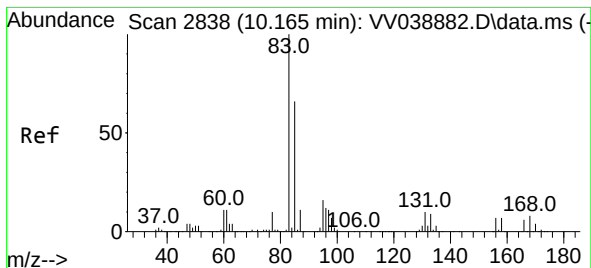
Tgt Ion:105 Resp: 1666691
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.7



#74
N-ethyl acetate
Concen: 56.905 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. -0.000 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

Tgt Ion: 43 Resp: 626676
Ion Ratio Lower Upper
43 100
70 47.8 38.6 58.0
55 26.9 21.8 32.8
61 26.4 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 46.234 ug/l

RT: 10.165 min Scan# 2838

Delta R.T. -0.000 min

Lab File: VV038924.D

Acq: 18 Jul 2025 16:06

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

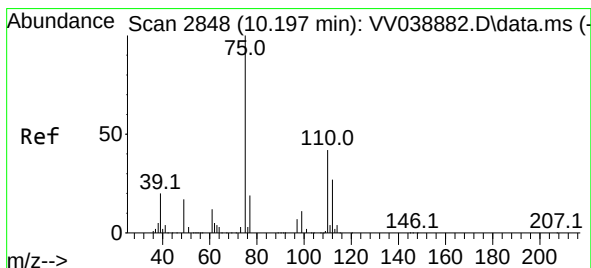
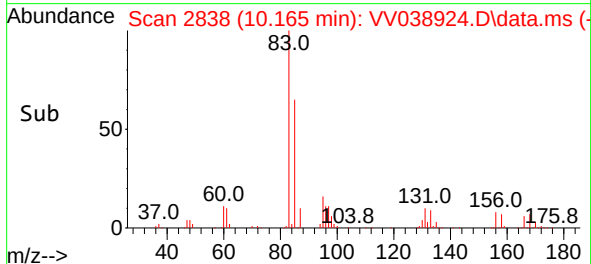
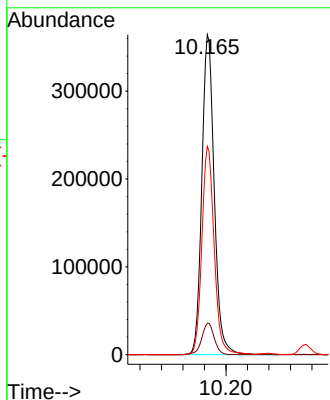
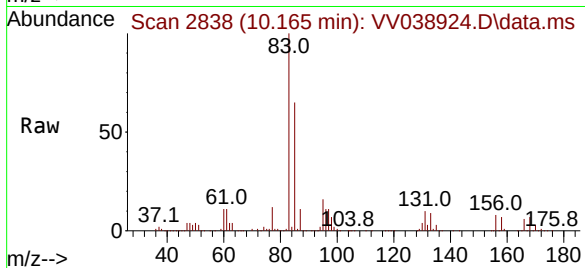
Tgt Ion: 83 Resp: 582198

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.4

85 64.8 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 46.974 ug/l

RT: 10.197 min Scan# 2848

Delta R.T. -0.000 min

Lab File: VV038924.D

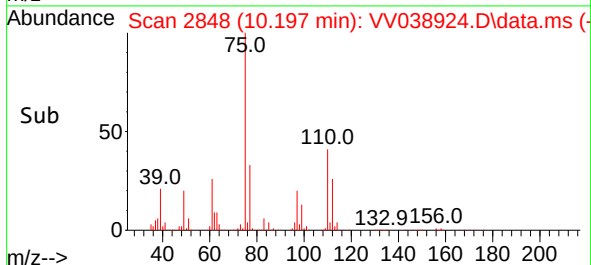
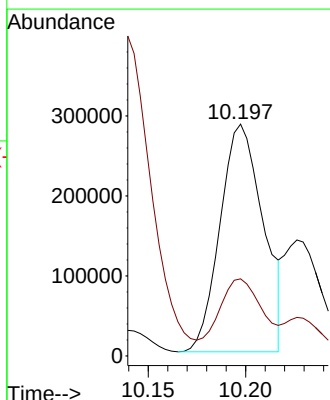
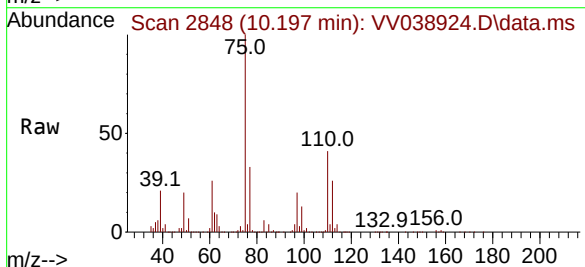
Acq: 18 Jul 2025 16:06

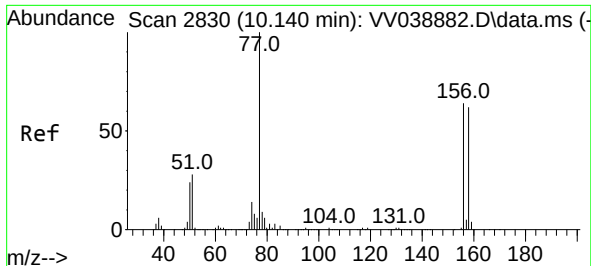
Tgt Ion: 75 Resp: 439429

Ion Ratio Lower Upper

75 100

77 23.8 17.4 52.3

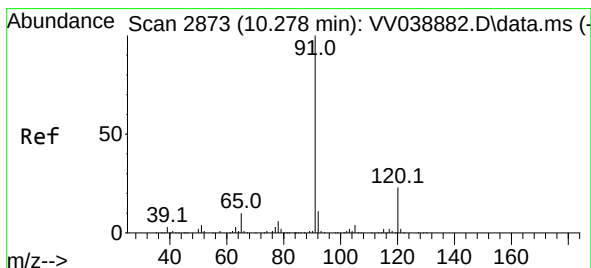
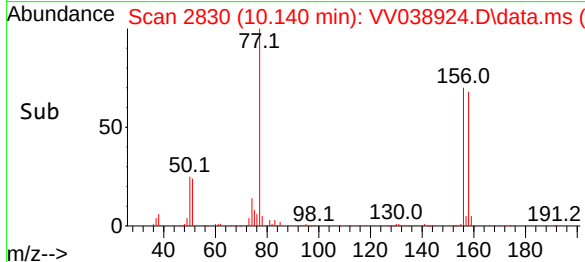
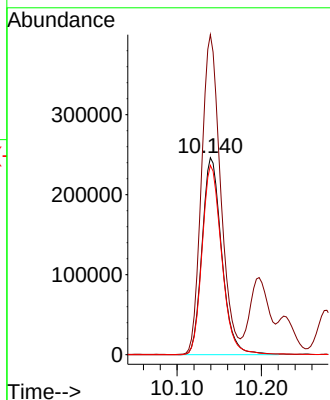
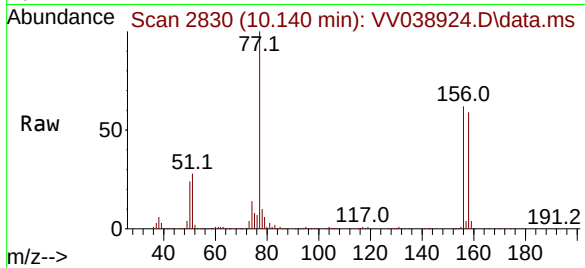




#77
Bromobenzene
Concen: 50.553 ug/l
RT: 10.140 min Scan# 2830
Delta R.T. -0.000 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

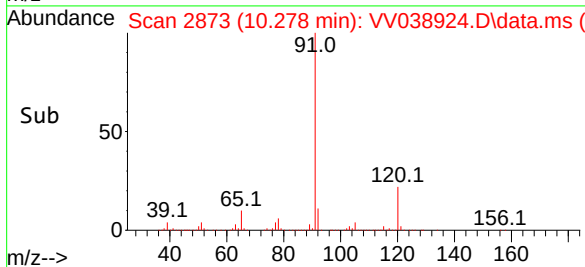
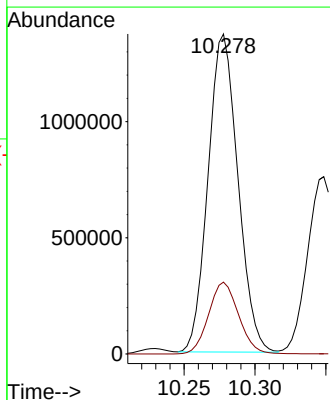
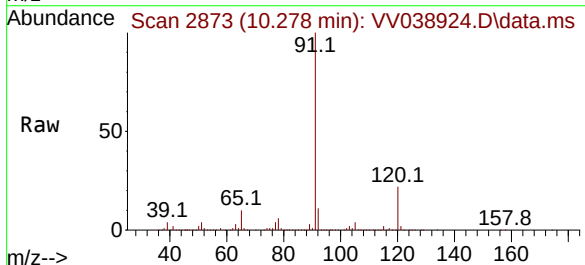
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

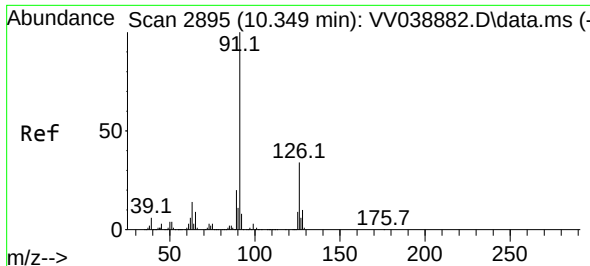
Tgt Ion:156 Resp: 398671
Ion Ratio Lower Upper
156 100
77 158.1 77.2 231.6
158 96.0 48.4 145.3



#78
n-propylbenzene
Concen: 57.039 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

Tgt Ion: 91 Resp: 2004145
Ion Ratio Lower Upper
91 100
120 22.8 11.6 34.8

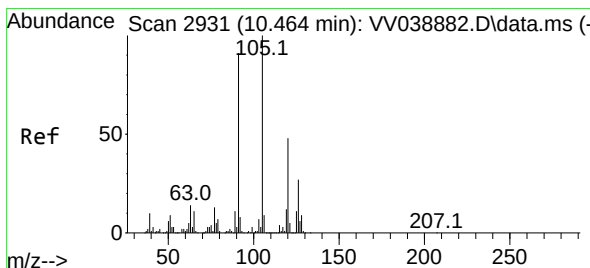
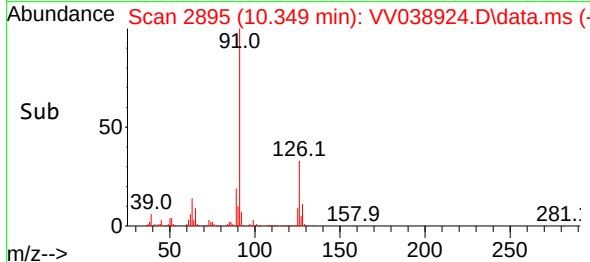
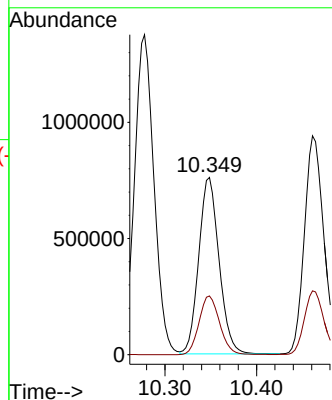
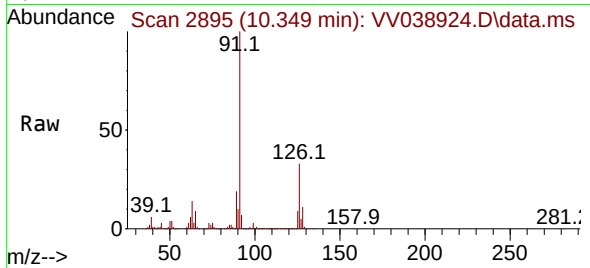




#79
2-Chlorotoluene
Concen: 52.226 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. -0.000 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

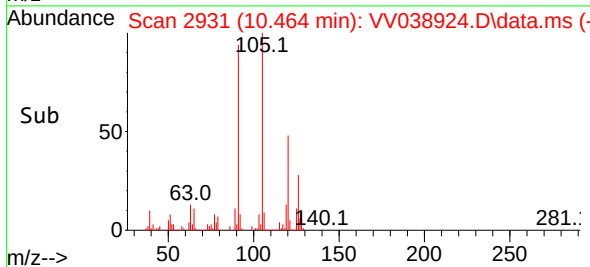
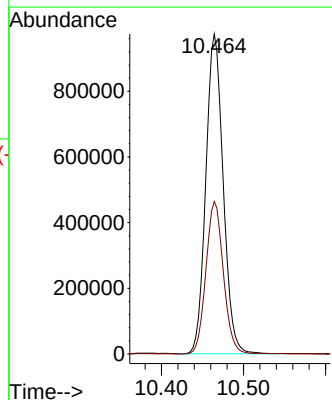
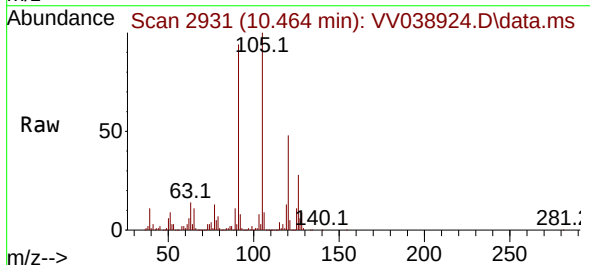
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

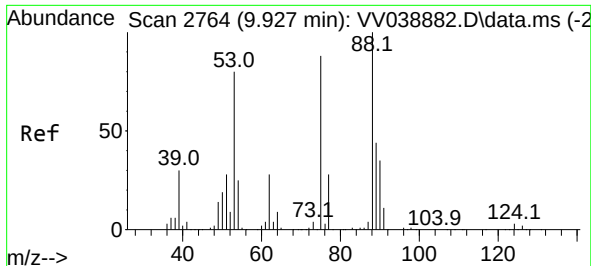
Tgt Ion: 91 Resp: 1167018
Ion Ratio Lower Upper
91 100
126 33.9 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 56.686 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. -0.000 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

Tgt Ion: 105 Resp: 1437116
Ion Ratio Lower Upper
105 100
120 47.9 24.0 72.0

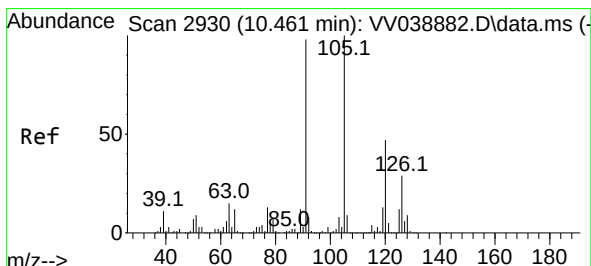
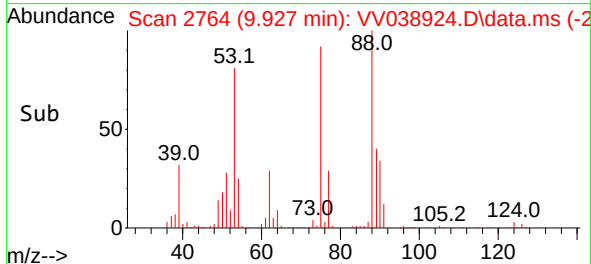
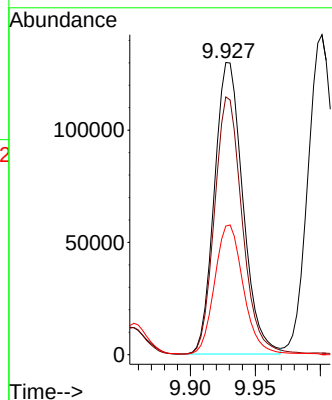
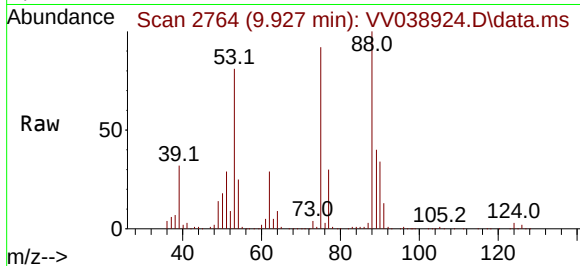




#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.731 ug/l
 RT: 9.927 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV038924.D
 Acq: 18 Jul 2025 16:06

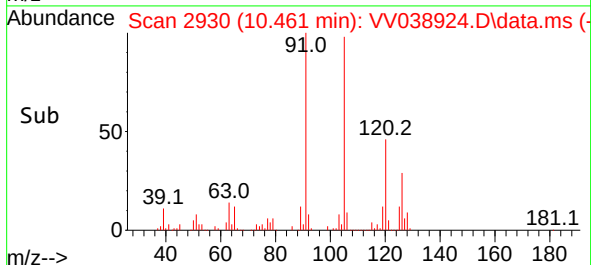
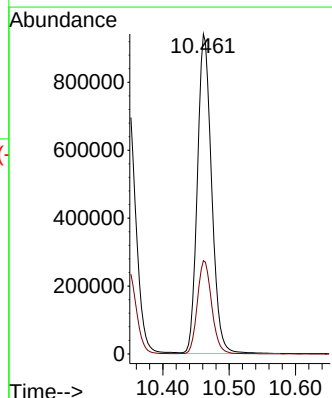
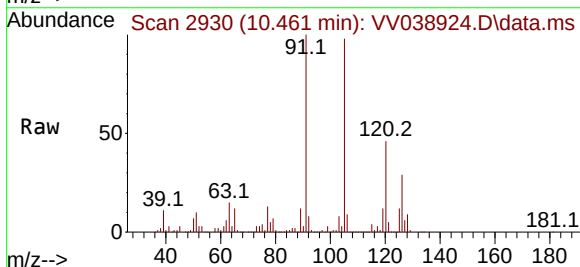
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

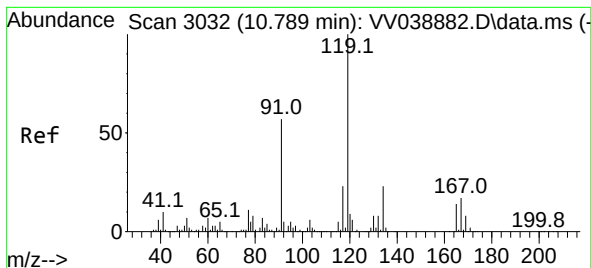
Tgt Ion: 75 Resp: 198306
 Ion Ratio Lower Upper
 75 100
 53 86.0 71.3 106.9
 89 45.4 42.2 63.2



#82
 4-Chlorotoluene
 Concen: 56.214 ug/l
 RT: 10.461 min Scan# 2930
 Delta R.T. -0.000 min
 Lab File: VV038924.D
 Acq: 18 Jul 2025 16:06

Tgt Ion: 91 Resp: 1404142
 Ion Ratio Lower Upper
 91 100
 126 29.5 14.9 44.9





#83

tert-Butylbenzene

Concen: 53.779 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV038924.D

Acq: 18 Jul 2025 16:06

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

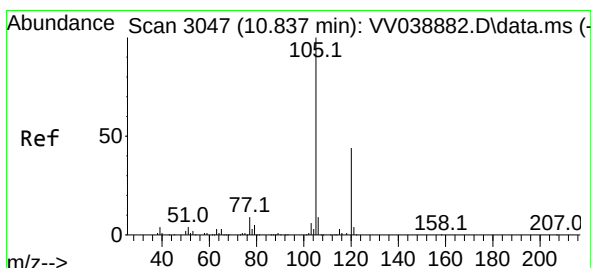
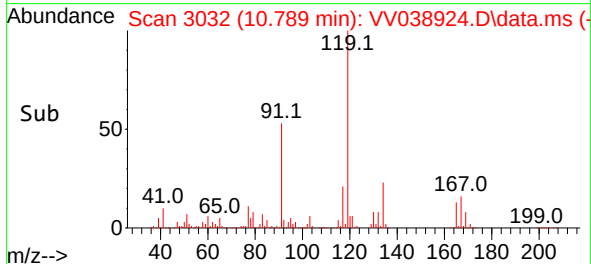
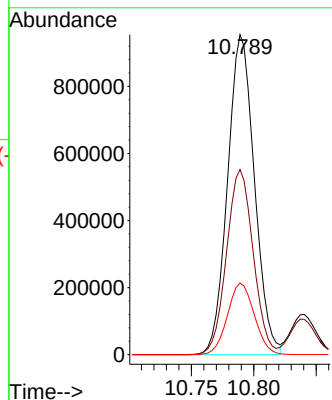
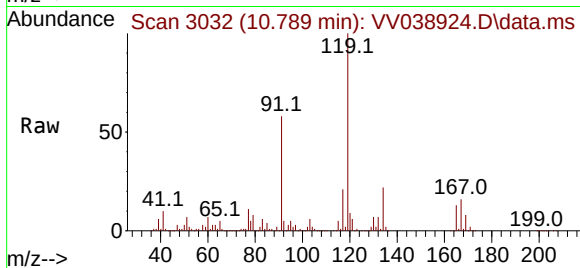
Tgt Ion:119 Resp: 1429474

Ion Ratio Lower Upper

119 100

91 57.4 28.1 84.2

134 22.4 11.4 34.1



#84

1,2,4-Trimethylbenzene

Concen: 57.544 ug/l

RT: 10.840 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV038924.D

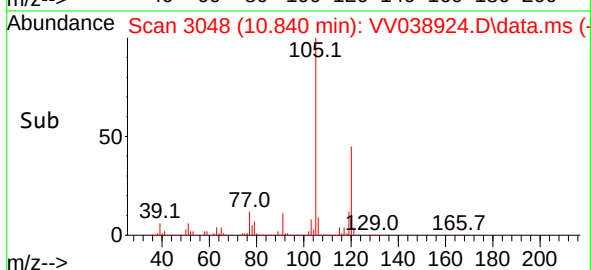
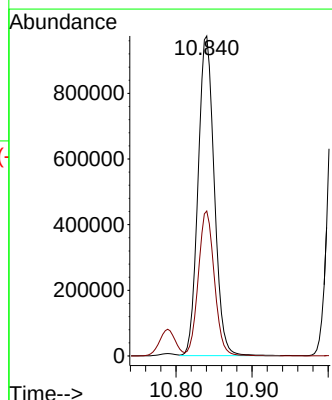
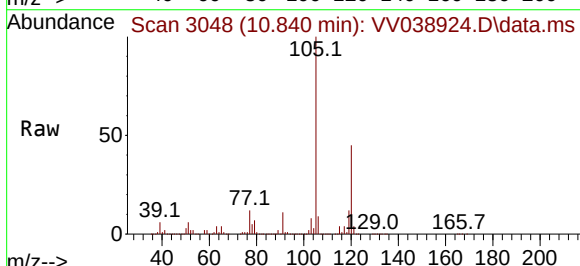
Acq: 18 Jul 2025 16:06

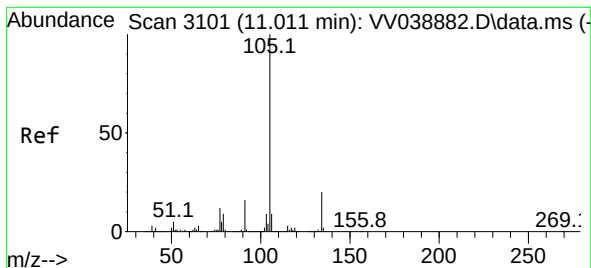
Tgt Ion:105 Resp: 1435498

Ion Ratio Lower Upper

105 100

120 45.0 22.6 67.8





#85

sec-Butylbenzene

Concen: 55.555 ug/l

RT: 11.014 min Scan# 3101

Delta R.T. 0.003 min

Lab File: VV038924.D

Acq: 18 Jul 2025 16:06

Instrument :

MSVOA_V

ClientSampleId :

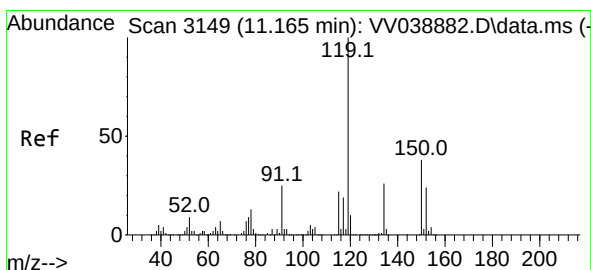
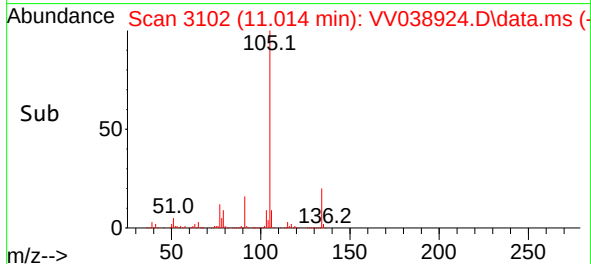
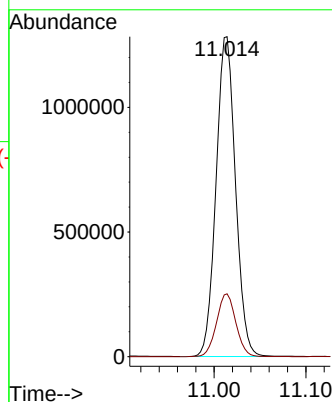
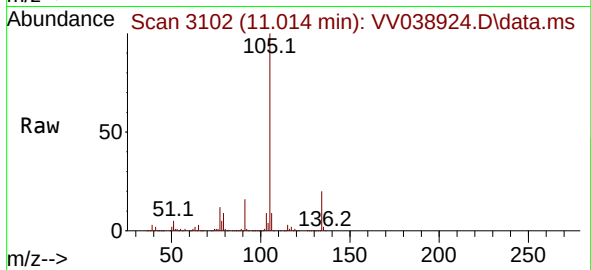
VSTDCCC050EC

Tgt Ion:105 Resp: 1884669

Ion Ratio Lower Upper

105 100

134 19.7 9.9 29.7



#86

p-Isopropyltoluene

Concen: 54.976 ug/l

RT: 11.168 min Scan# 3150

Delta R.T. 0.003 min

Lab File: VV038924.D

Acq: 18 Jul 2025 16:06

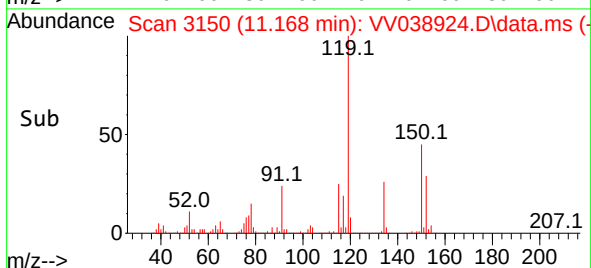
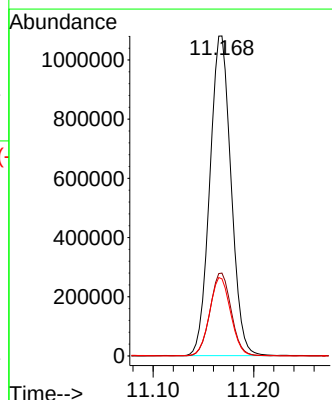
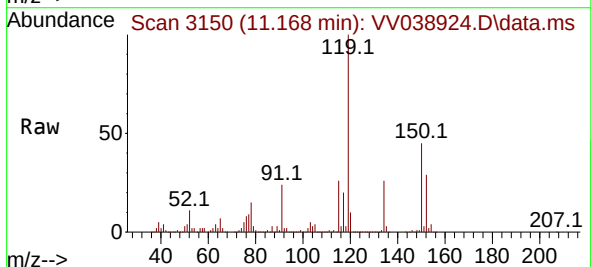
Tgt Ion:119 Resp: 1583445

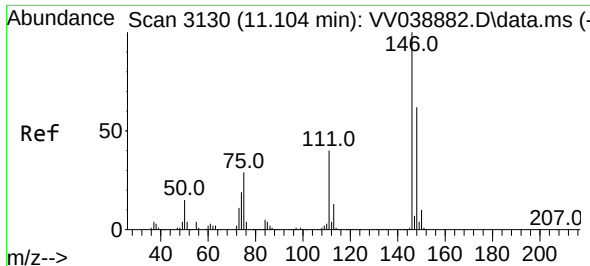
Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.3

91 24.4 12.3 36.8

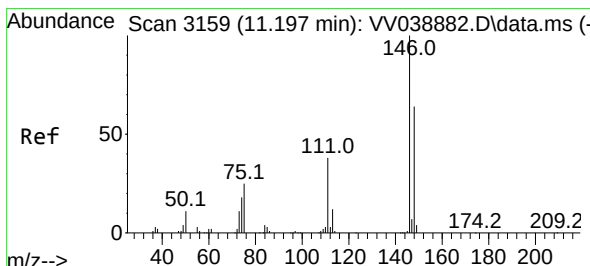
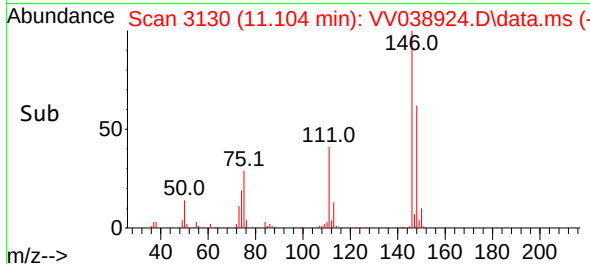
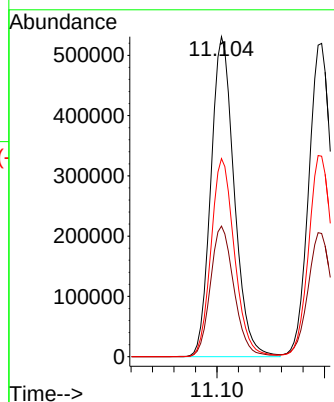
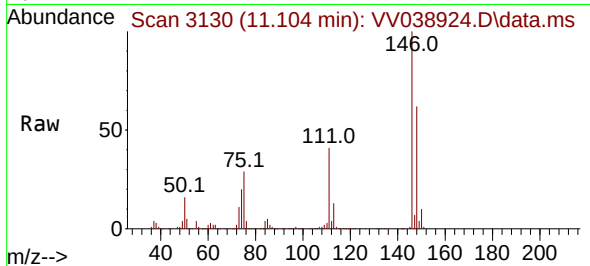




#87
 1,3-Dichlorobenzene
 Concen: 49.728 ug/l
 RT: 11.104 min Scan# 3130
 Delta R.T. -0.000 min
 Lab File: VV038924.D
 Acq: 18 Jul 2025 16:06

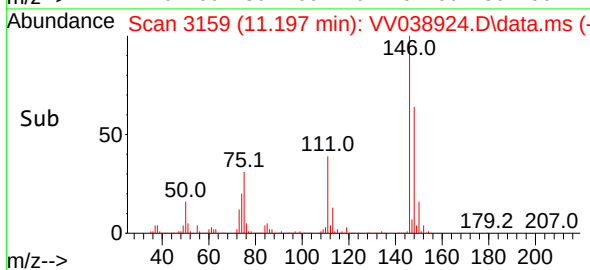
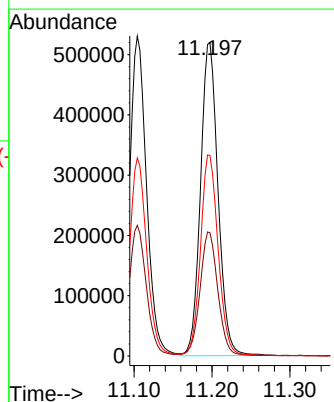
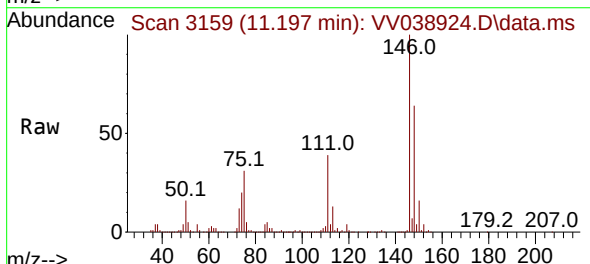
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

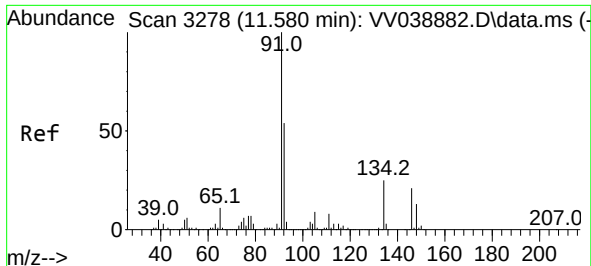
Tgt Ion:146 Resp: 800458
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.2 60.5
 148 62.4 31.4 94.3



#88
 1,4-Dichlorobenzene
 Concen: 46.329 ug/l
 RT: 11.197 min Scan# 3159
 Delta R.T. -0.000 min
 Lab File: VV038924.D
 Acq: 18 Jul 2025 16:06

Tgt Ion:146 Resp: 811233
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.8 59.3
 148 64.8 32.1 96.5

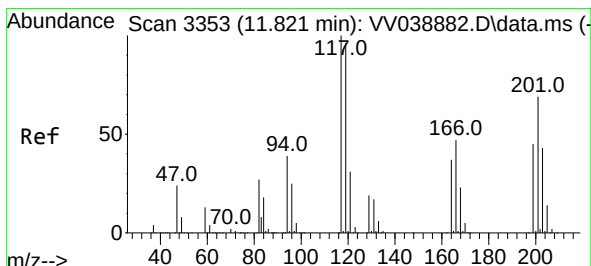
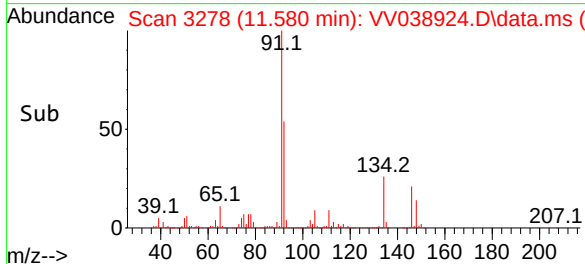
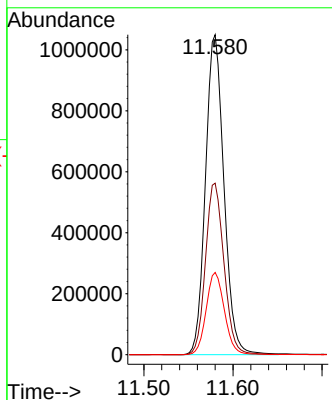
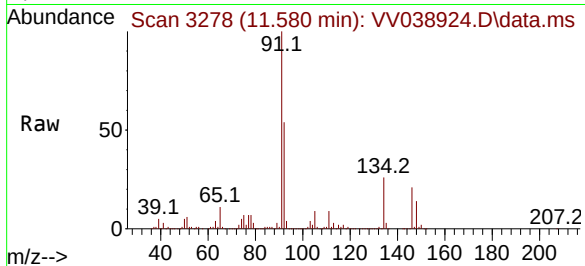




#89
n-Butylbenzene
Concen: 57.417 ug/l
RT: 11.580 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

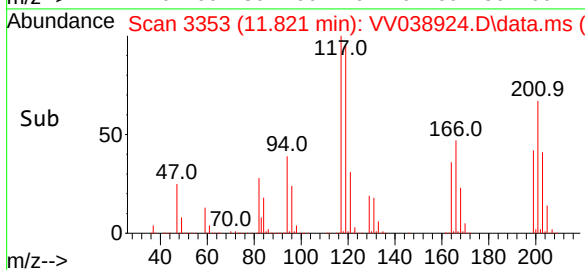
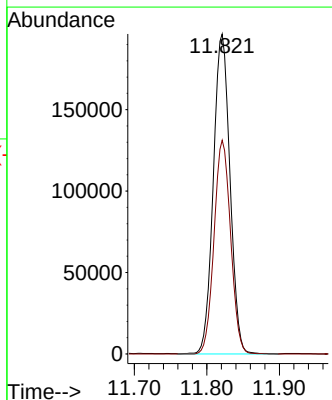
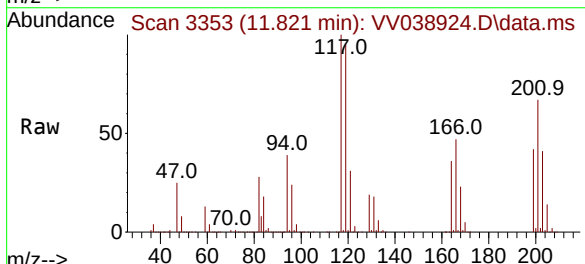
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

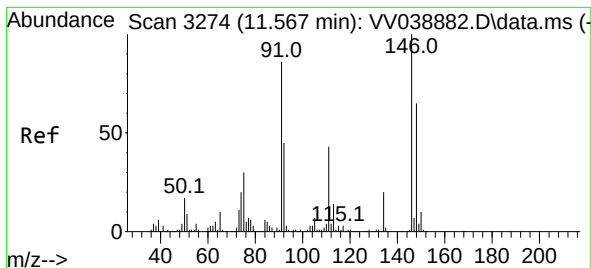
Tgt Ion: 91 Resp: 1509711
Ion Ratio Lower Upper
91 100
92 53.9 26.7 80.1
134 25.4 12.7 38.1



#90
Hexachloroethane
Concen: 45.840 ug/l
RT: 11.821 min Scan# 3353
Delta R.T. -0.000 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

Tgt Ion: 117 Resp: 314032
Ion Ratio Lower Upper
117 100
201 66.3 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 49.321 ug/l

RT: 11.567 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV038924.D

Acq: 18 Jul 2025 16:06

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

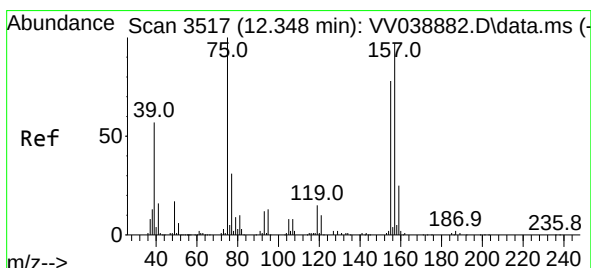
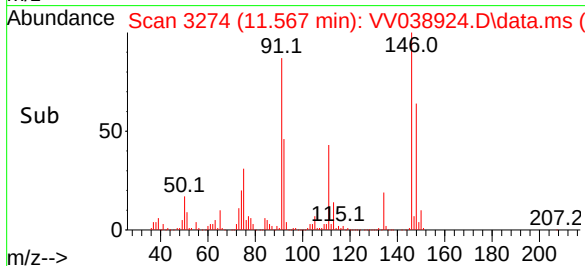
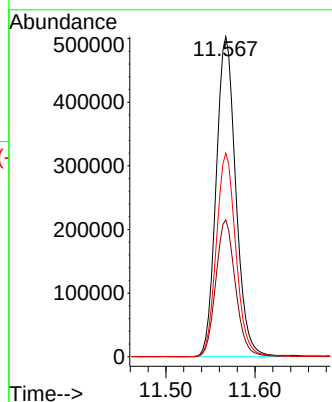
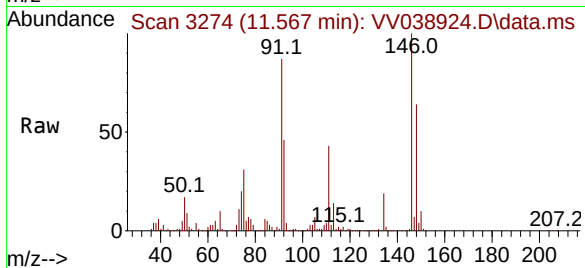
Tgt Ion:146 Resp: 770685

Ion Ratio Lower Upper

146 100

111 42.6 21.4 64.3

148 63.4 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.805 ug/l

RT: 12.352 min Scan# 3518

Delta R.T. 0.003 min

Lab File: VV038924.D

Acq: 18 Jul 2025 16:06

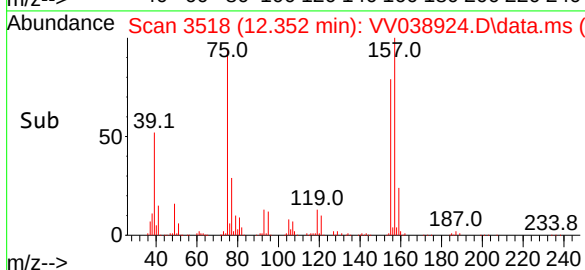
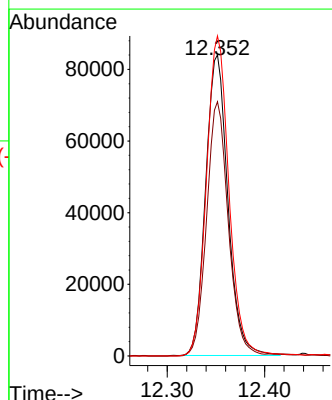
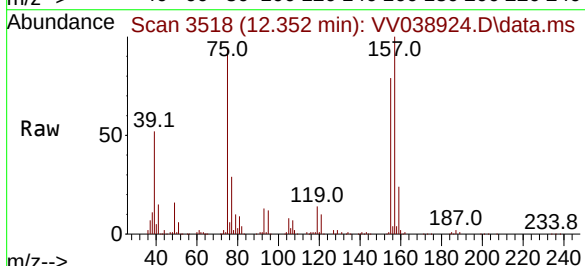
Tgt Ion: 75 Resp: 133252

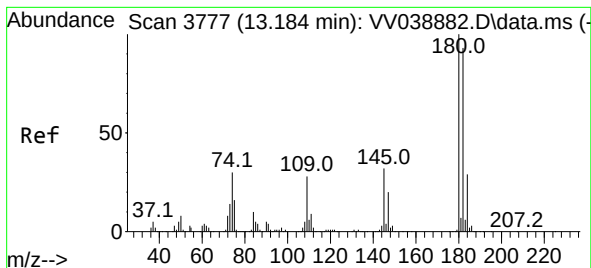
Ion Ratio Lower Upper

75 100

155 82.6 40.2 120.6

157 108.3 51.1 153.3





#93

1,2,4-Trichlorobenzene

Concen: 54.566 ug/l

RT: 13.184 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV038924.D

Acq: 18 Jul 2025 16:06

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

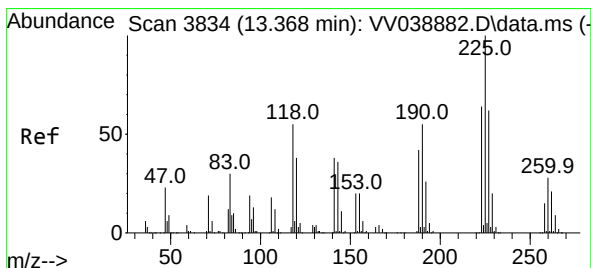
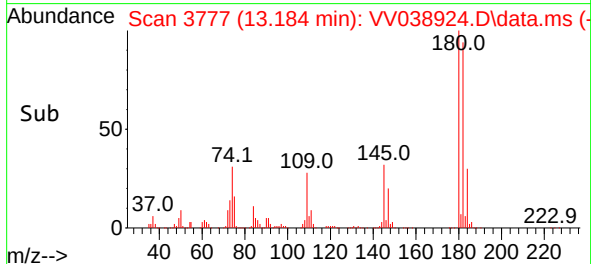
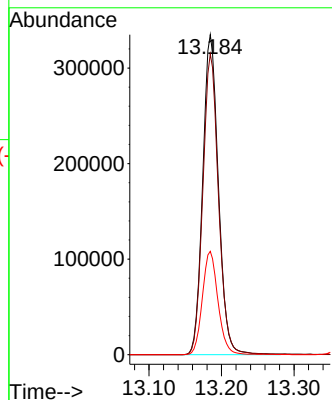
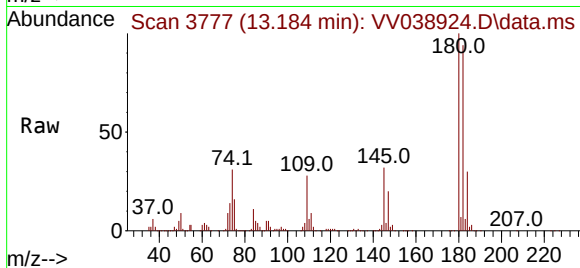
Tgt Ion:180 Resp: 503313

Ion Ratio Lower Upper

180 100

182 94.0 47.4 142.3

145 32.2 16.2 48.6



#94

Hexachlorobutadiene

Concen: 47.426 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV038924.D

Acq: 18 Jul 2025 16:06

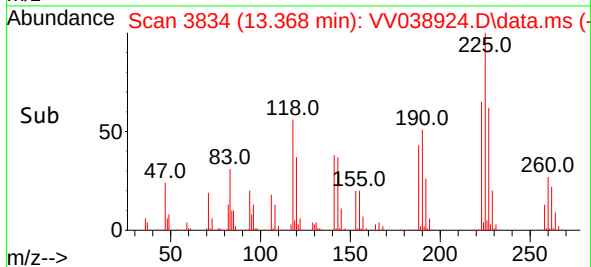
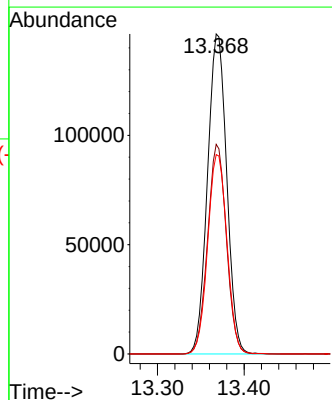
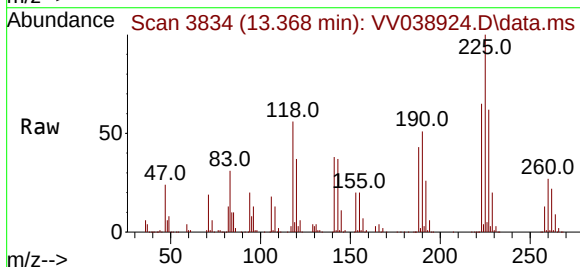
Tgt Ion:225 Resp: 225277

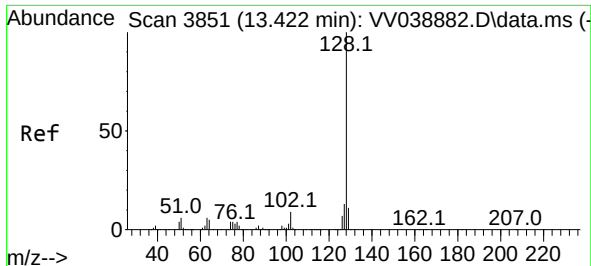
Ion Ratio Lower Upper

225 100

223 64.1 32.4 97.2

227 62.5 31.3 93.9

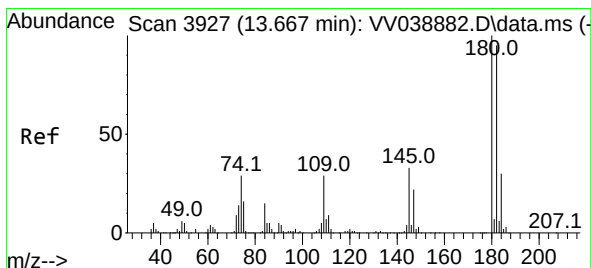
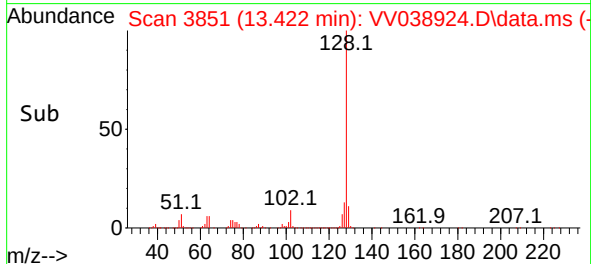
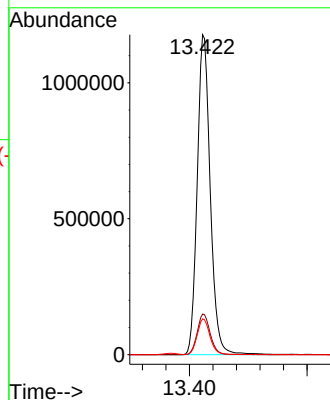
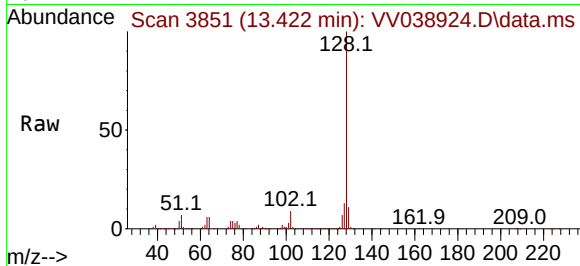




#95
Naphthalene
Concen: 59.715 ug/l
RT: 13.422 min Scan# 3851
Delta R.T. -0.000 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 1809711
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 53.846 ug/l
RT: 13.663 min Scan# 3926
Delta R.T. -0.003 min
Lab File: VV038924.D
Acq: 18 Jul 2025 16:06

Tgt Ion:180 Resp: 514808
Ion Ratio Lower Upper
180 100
182 93.6 47.0 141.2
145 34.6 17.0 51.0

