

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW070725\
 Data File : VW038876.D
 Acq On : 07 Jul 2025 17:56
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jul 08 02:48:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V070225W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 08 02:37:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	491609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	784809	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	735361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	435940	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	270360	49.070	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	98.140%
35) Dibromofluoromethane	4.503	113	246600	49.606	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	99.220%
50) Toluene-d8	7.236	98	773279	48.079	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	96.160%
62) 4-Bromofluorobenzene	10.001	95	332063	51.102	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	102.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	199344	42.716	ug/l	99
3) Chloromethane	1.230	50	197674	34.523	ug/l	99
4) Vinyl Chloride	1.297	62	225299	42.312	ug/l	100
5) Bromomethane	1.490	94	163102	50.194	ug/l	95
6) Chloroethane	1.558	64	155296	43.505	ug/l	96
7) Trichlorofluoromethane	1.725	101	424750	45.087	ug/l	98
8) Diethyl Ether	1.918	74	151398	46.183	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.082	101	256916	48.231	ug/l	99
10) Methyl Iodide	2.195	142	327092	48.397	ug/l	100
11) Tert butyl alcohol	2.564	59	229432	319.021	ug/l	99
12) 1,1-Dichloroethene	2.082	96	223752	44.195	ug/l	97
13) Acrolein	2.008	56	47993	267.257	ug/l	100
14) Allyl chloride	2.358	41	338137	49.664	ug/l	97
15) Acrylonitrile	2.670	53	704874	280.189	ug/l	98
16) Acetone	2.117	43	566125	308.335	ug/l	99
17) Carbon Disulfide	2.252	76	436250	37.198	ug/l	99
18) Methyl Acetate	2.378	43	348428	55.653	ug/l	98
19) Methyl tert-butyl Ether	2.709	73	852322	54.449	ug/l	100
20) Methylene Chloride	2.455	84	274354	45.214	ug/l	97
21) trans-1,2-Dichloroethene	2.703	96	234787	46.372	ug/l	100
22) Diisopropyl ether	3.211	45	780501	55.916	ug/l	98
23) Vinyl Acetate	3.188	43	2849645	283.111	ug/l	99
24) 1,1-Dichloroethane	3.121	63	463092	49.213	ug/l	97
25) 2-Butanone	3.860	43	819338	301.759	ug/l	100
26) 2,2-Dichloropropane	3.812	77	414952	47.579	ug/l	99
27) cis-1,2-Dichloroethene	3.821	96	300707	50.964	ug/l	100
28) Bromochloromethane	4.149	49	197810	49.186	ug/l #	98
29) Tetrahydrofuran	4.230	42	529866	288.142	ug/l	99
30) Chloroform	4.278	83	526702	51.373	ug/l	100
31) Cyclohexane	4.587	56	320423	42.998	ug/l	96
32) 1,1,1-Trichloroethane	4.516	97	464665	48.833	ug/l	99
36) 1,1-Dichloropropene	4.747	75	303207	50.264	ug/l	97
37) Ethyl Acetate	3.973	43	315315	51.227	ug/l	96
38) Carbon Tetrachloride	4.738	117	388694	48.955	ug/l	98
39) Methylcyclohexane	6.050	83	367367	46.578	ug/l	98
40) Benzene	5.011	78	1004480	50.429	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.159	41	151091	57.164	ug/l	98
42) 1,2-Dichloroethane	5.040	62	360209	51.079	ug/l	99
43) Isopropyl Acetate	5.188	43	526342	53.600	ug/l	99
44) Trichloroethene	5.831	130	252205	48.517	ug/l	91
45) 1,2-Dichloropropane	6.088	63	260199	52.013	ug/l	97
46) Dibromomethane	6.227	93	193954	49.164	ug/l	99
47) Bromodichloromethane	6.426	83	427248	51.146	ug/l	98
48) Methyl methacrylate	6.294	41	247490	53.004	ug/l	98
49) 1,4-Dioxane	6.284	88	91898	1419.910	ug/l	98
51) 4-Methyl-2-Pentanone	7.146	43	1793371	289.410	ug/l	100
52) Toluene	7.310	92	648728	52.127	ug/l	99
53) t-1,3-Dichloropropene	7.574	75	414333	51.810	ug/l	100
54) cis-1,3-Dichloropropene	6.947	75	433139	52.971	ug/l	99
55) 1,1,2-Trichloroethane	7.760	97	289261	53.153	ug/l	99
56) Ethyl methacrylate	7.715	69	405865	56.690	ug/l	99
57) 1,3-Dichloropropane	7.934	76	445637	51.982	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.812	63	838741	258.005	ug/l	100
59) 2-Hexanone	8.062	43	1309743	299.668	ug/l	99
60) Dibromochloromethane	8.169	129	352476	51.441	ug/l	99
61) 1,2-Dibromoethane	8.271	107	295494	52.483	ug/l	100
64) Tetrachloroethene	7.898	164	225002	47.581	ug/l	98
65) Chlorobenzene	8.805	112	770086	49.692	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.898	131	297021	51.326	ug/l	98
67) Ethyl Benzene	8.937	91	1286593	52.989	ug/l	100
68) m/p-Xylenes	9.062	106	1029961	110.749	ug/l	100
69) o-Xylene	9.468	106	486374	54.739	ug/l	100
70) Styrene	9.484	104	884213	56.997	ug/l	99
71) Bromoform	9.654	173	251482	53.478	ug/l	99
73) Isopropylbenzene	9.857	105	1373026	53.667	ug/l	100
74) N-amyl acetate	9.725	43	484745	54.130	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	467881	50.446	ug/l	98
76) 1,2,3-Trichloropropane	10.197	75	347047	51.453	ug/l	100
77) Bromobenzene	10.140	156	336803	51.031	ug/l	99
78) n-propylbenzene	10.278	91	1617330	53.120	ug/l	100
79) 2-Chlorotoluene	10.349	91	965114	52.195	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	1194106	54.587	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.927	75	156803	49.485	ug/l	94
82) 4-Chlorotoluene	10.461	91	1148791	53.892	ug/l	99
83) tert-Butylbenzene	10.789	119	1215745	53.585	ug/l	99
84) 1,2,4-Trimethylbenzene	10.840	105	1190978	55.548	ug/l	99
85) sec-Butylbenzene	11.014	105	1563654	54.135	ug/l	100
86) p-Isopropyltoluene	11.165	119	1339781	54.101	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	675107	50.314	ug/l	99
88) 1,4-Dichlorobenzene	11.197	146	697490	49.333	ug/l	99
89) n-Butylbenzene	11.580	91	1242722	54.146	ug/l	100
90) Hexachloroethane	11.821	117	267707	49.800	ug/l	98
91) 1,2-Dichlorobenzene	11.567	146	649545	51.359	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	100804	51.334	ug/l	97
93) 1,2,4-Trichlorobenzene	13.184	180	426393	52.014	ug/l	100
94) Hexachlorobutadiene	13.368	225	192124	48.565	ug/l	97
95) Naphthalene	13.422	128	1450893	55.634	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	443664	52.443	ug/l	99

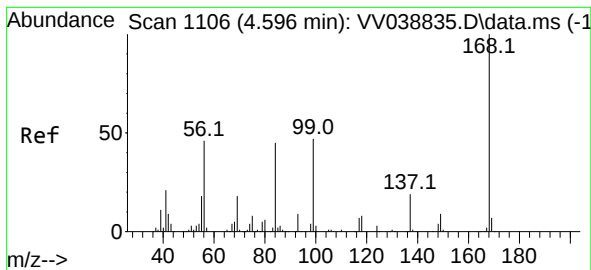
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 11

Delta R.T. 0.004 min

Lab File: VV038876.D

Acq: 07 Jul 2025 17:56

Instrument :

MSVOA_V

ClientSampleId :

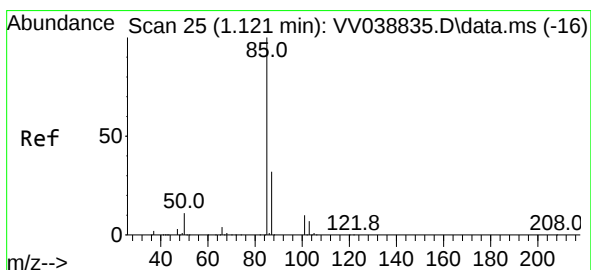
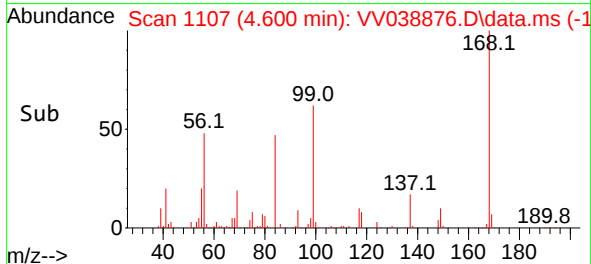
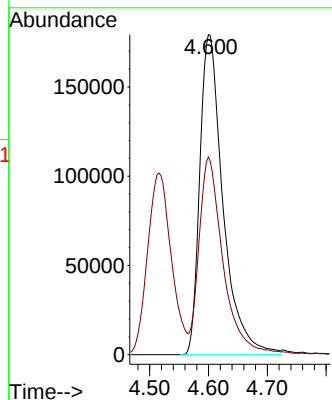
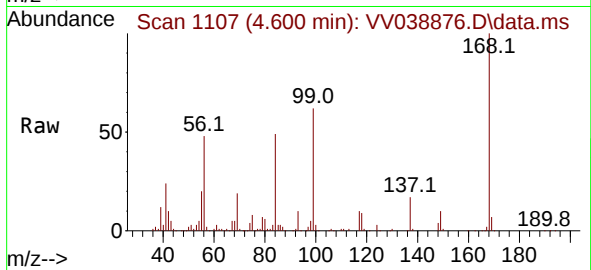
VSTDCCC050EC

Tgt Ion:168 Resp: 491609

Ion Ratio Lower Upper

168 100

99 60.8 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 42.716 ug/l

RT: 1.121 min Scan# 25

Delta R.T. -0.000 min

Lab File: VV038876.D

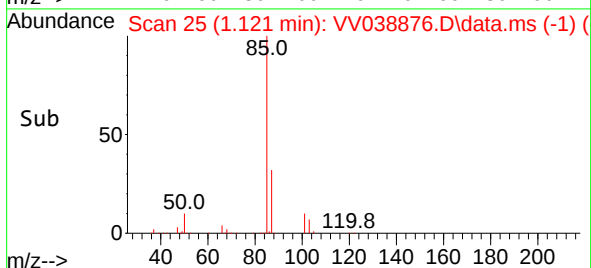
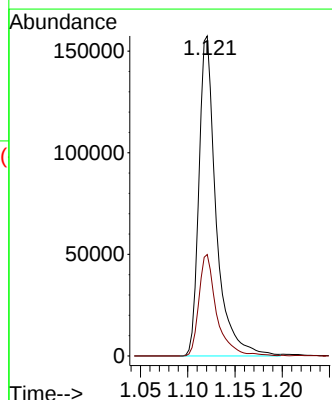
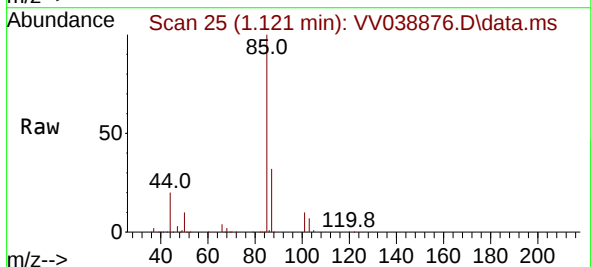
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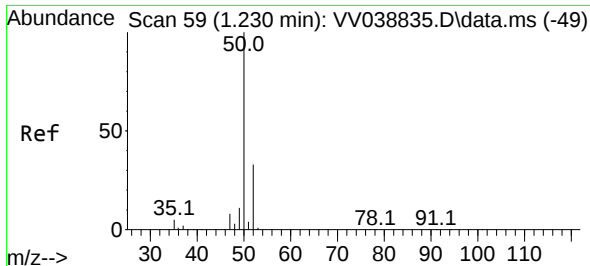
Tgt Ion: 85 Resp: 199344

Ion Ratio Lower Upper

85 100

87 31.7 16.1 48.3

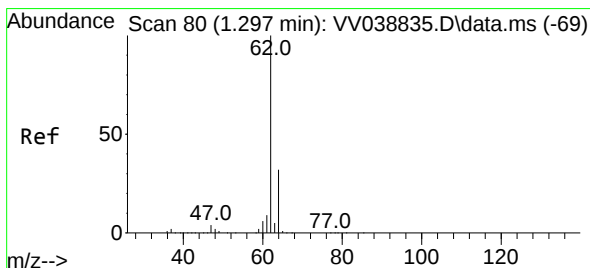
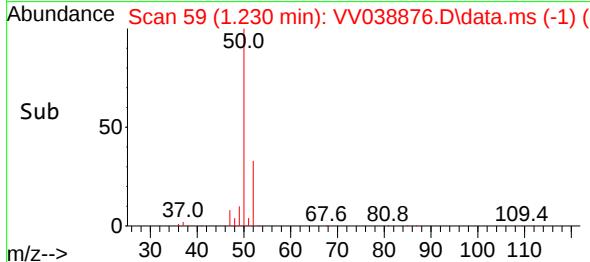
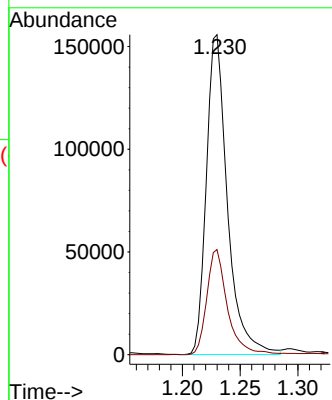
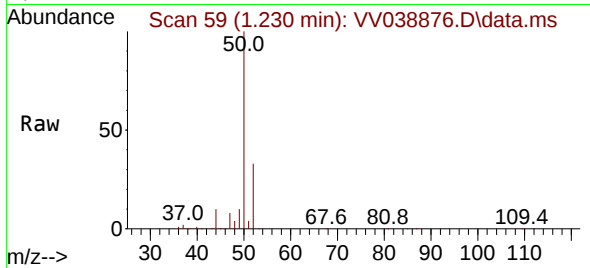




#3
Chloromethane
Concen: 34.523 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

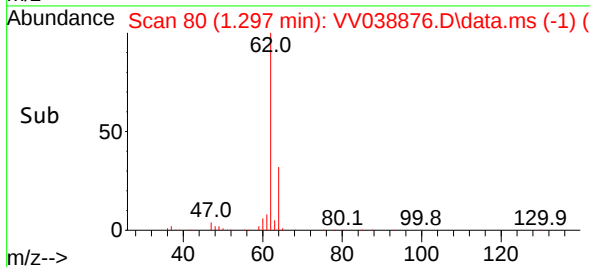
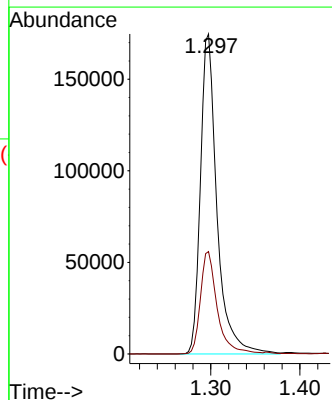
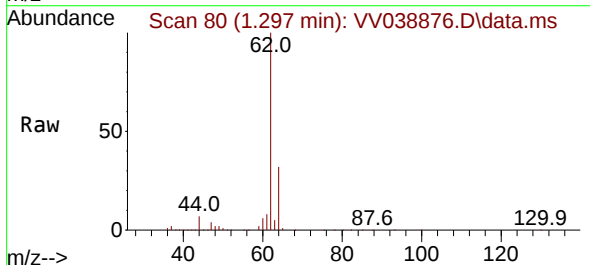
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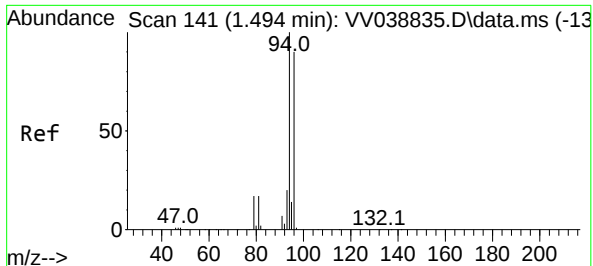
Tgt Ion: 50 Resp: 197674
Ion Ratio Lower Upper
50 100
52 32.9 26.7 40.1



#4
Vinyl Chloride
Concen: 42.312 ug/l
RT: 1.297 min Scan# 80
Delta R.T. -0.000 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

Tgt Ion: 62 Resp: 225299
Ion Ratio Lower Upper
62 100
64 31.9 25.5 38.3

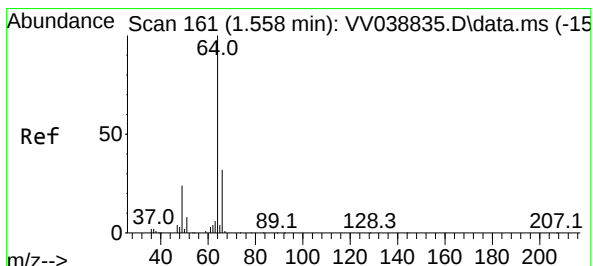
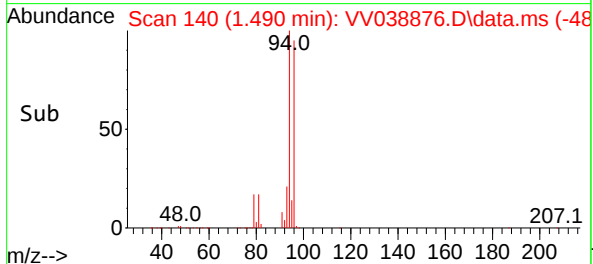
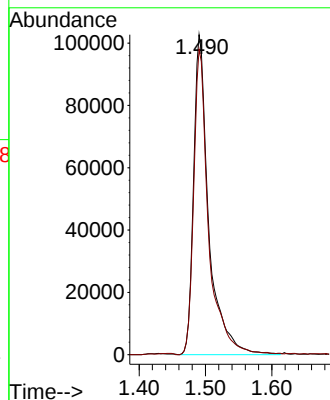
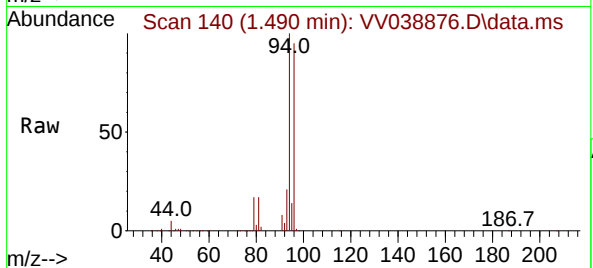




#5
Bromomethane
Concen: 50.194 ug/l
RT: 1.490 min Scan# 141
Delta R.T. -0.003 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

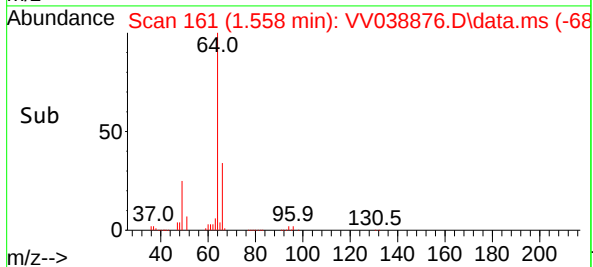
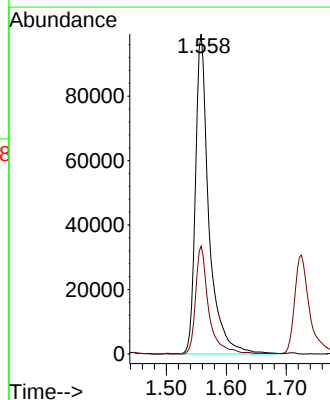
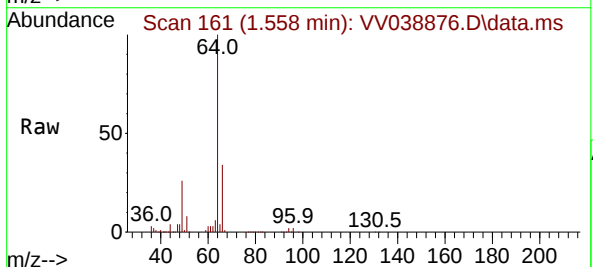
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Tgt Ion: 94 Resp: 163102
Ion Ratio Lower Upper
94 100
96 95.4 72.2 108.4



#6
Chloroethane
Concen: 43.505 ug/l
RT: 1.558 min Scan# 161
Delta R.T. -0.000 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

Tgt Ion: 64 Resp: 155296
Ion Ratio Lower Upper
64 100
66 33.7 25.4 38.0

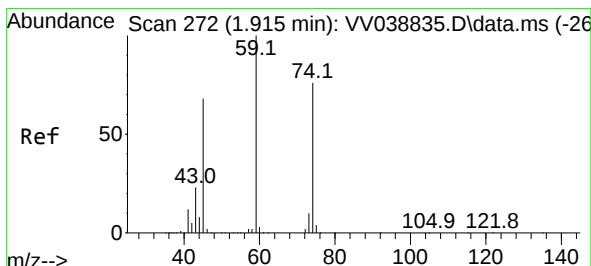
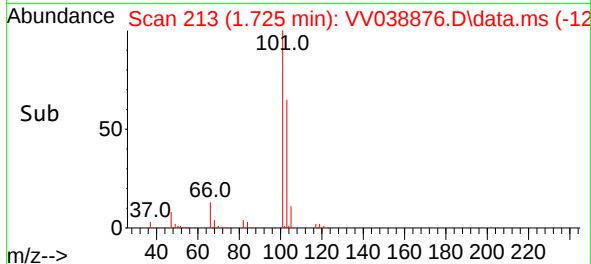
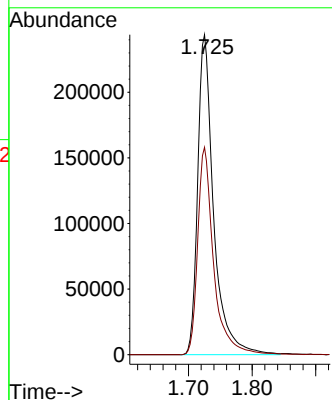
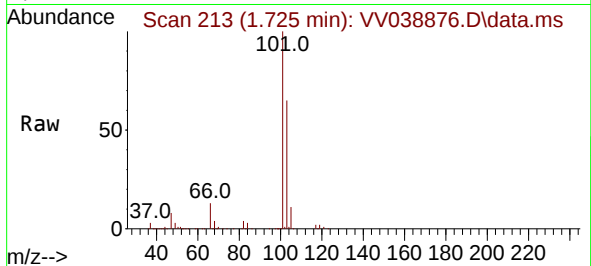




#7
 Trichlorofluoromethane
 Concen: 45.087 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. -0.000 min
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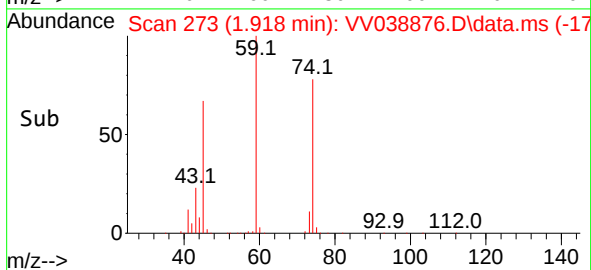
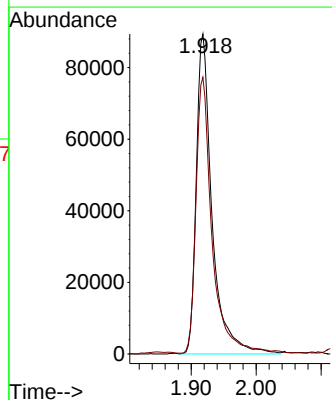
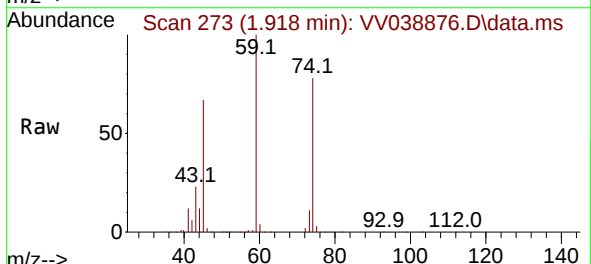
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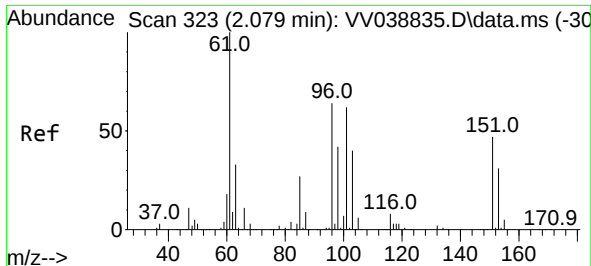
Tgt Ion:101 Resp: 424750
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.8 79.2



#8
 Diethyl Ether
 Concen: 46.183 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.003 min
 Lab File: VV038876.D
 Acq: 07 Jul 2025 17:56

Tgt Ion: 74 Resp: 151398
 Ion Ratio Lower Upper
 74 100
 45 87.2 43.9 131.7

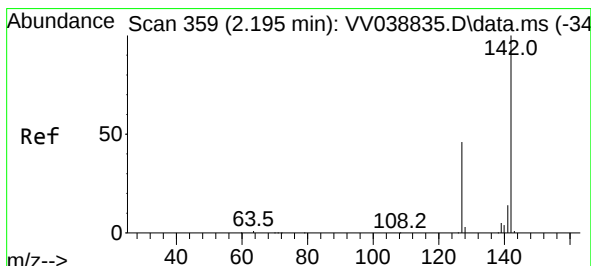
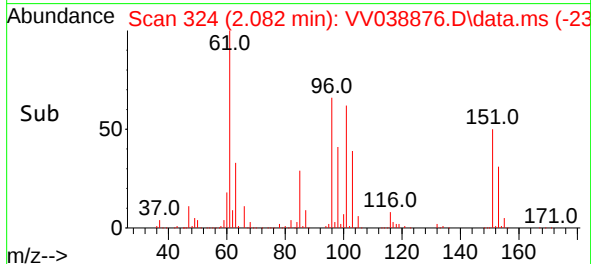
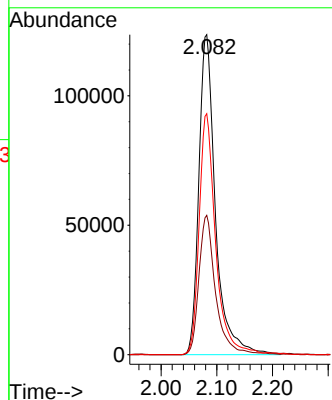
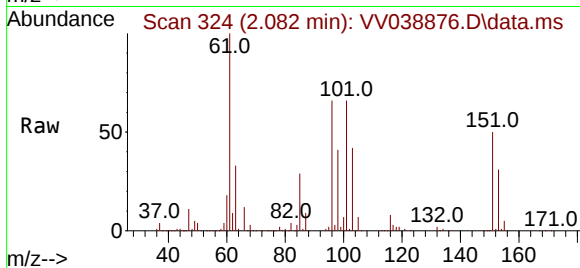




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.231 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV038876.D
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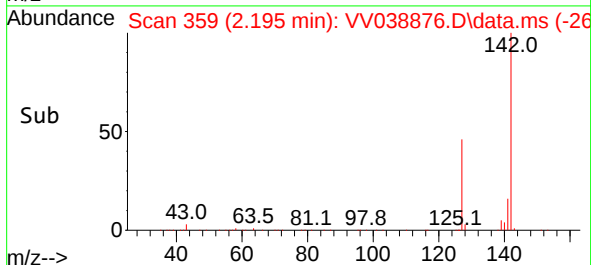
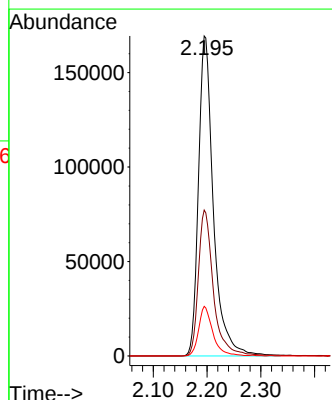
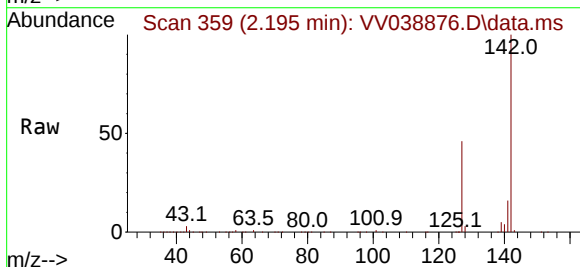
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MSVOA_V
ClientSampleId :
VSTDCCC050EC

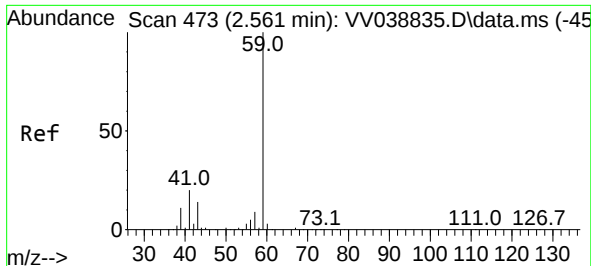
Tgt Ion:101 Resp: 256916
Ion Ratio Lower Upper
101 100
85 43.9 34.6 52.0
151 74.9 60.4 90.6



#10
Methyl Iodide
Concen: 48.397 ug/l
RT: 2.195 min Scan# 359
Delta R.T. -0.000 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

Tgt Ion:142 Resp: 327092
Ion Ratio Lower Upper
142 100
127 45.9 36.9 55.3
141 14.7 11.8 17.8

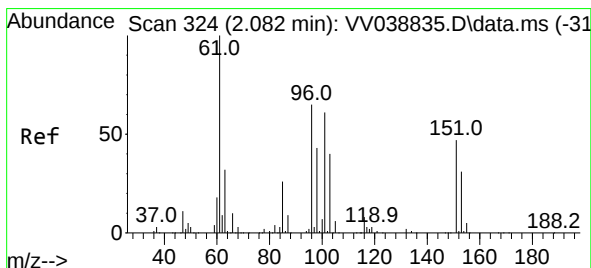
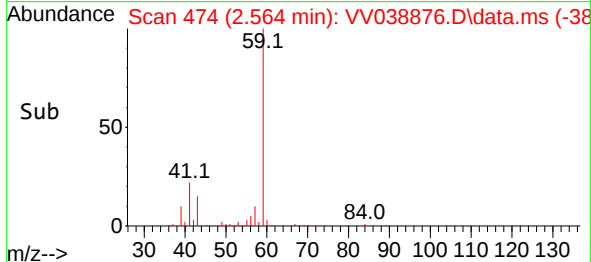
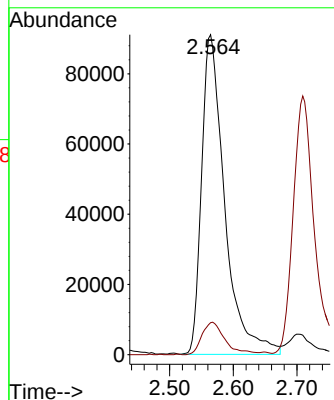
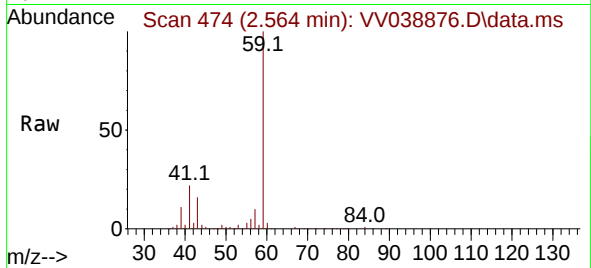




#11
Tert butyl alcohol
Concen: 319.021 ug/l
RT: 2.564 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

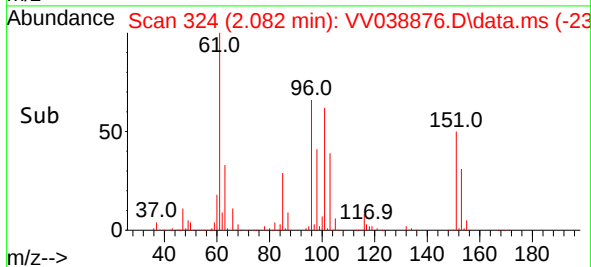
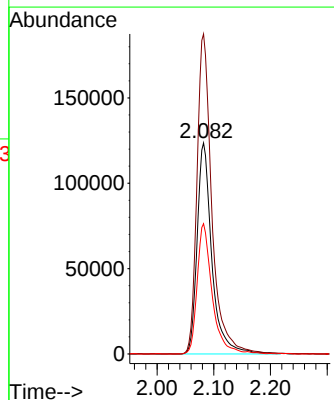
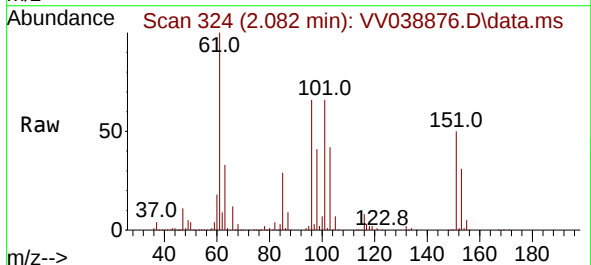
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

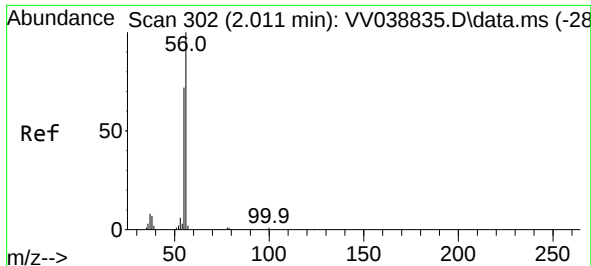
Tgt Ion: 59 Resp: 229432
Ion Ratio Lower Upper
59 100
57 10.2 8.0 12.0



#12
1,1-Dichloroethene
Concen: 44.195 ug/l
RT: 2.082 min Scan# 324
Delta R.T. -0.000 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

Tgt Ion: 96 Resp: 223752
Ion Ratio Lower Upper
96 100
61 151.7 123.5 185.3
98 61.7 52.5 78.7

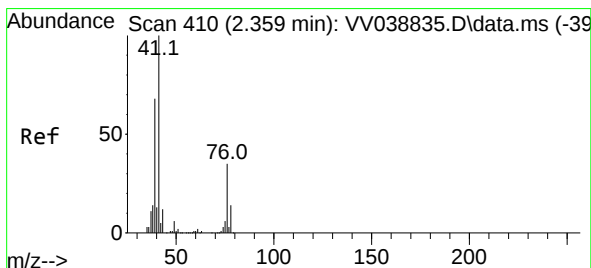
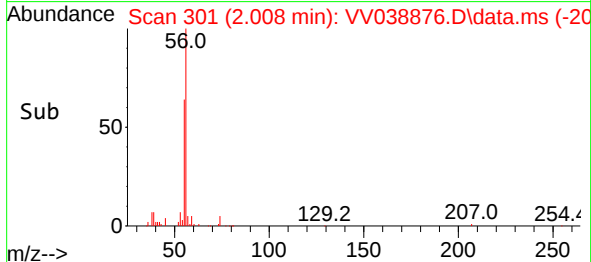
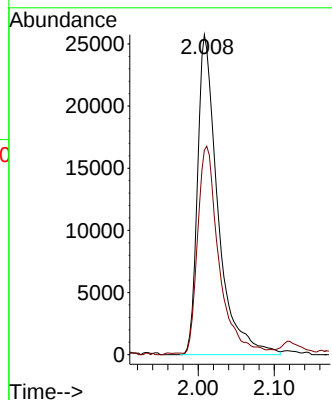
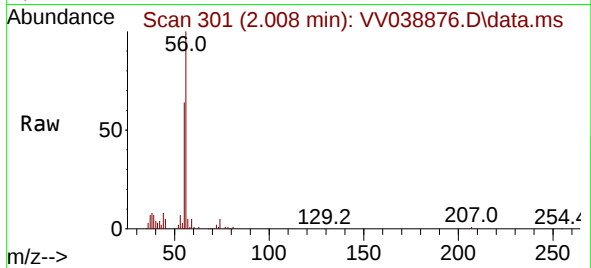




#13
Acrolein
Concen: 267.257 ug/l
RT: 2.008 min Scan# 302
Delta R.T. -0.003 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

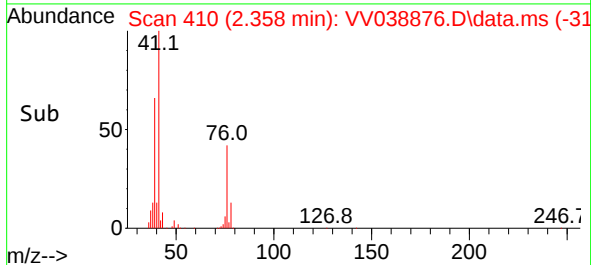
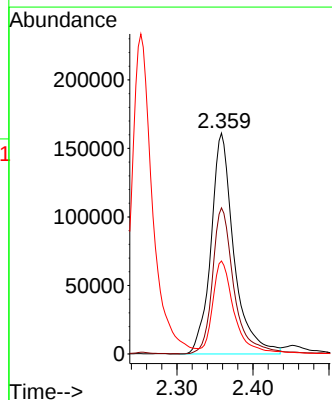
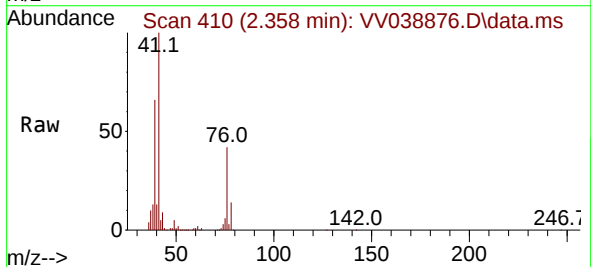
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

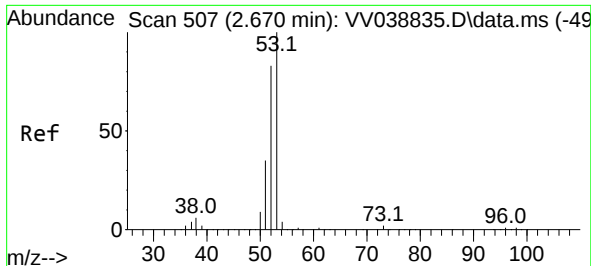
Tgt Ion: 56 Resp: 47993
Ion Ratio Lower Upper
56 100
55 66.9 53.4 80.2



#14
Allyl chloride
Concen: 49.664 ug/l
RT: 2.358 min Scan# 410
Delta R.T. -0.000 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

Tgt Ion: 41 Resp: 338137
Ion Ratio Lower Upper
41 100
39 62.3 51.0 76.4
76 39.4 33.6 50.4

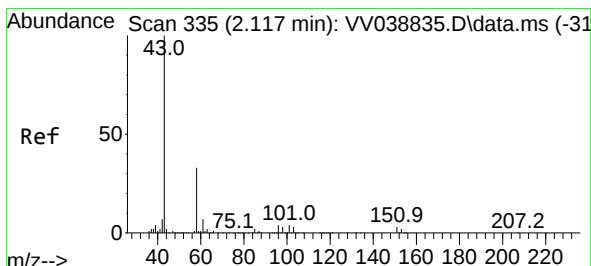
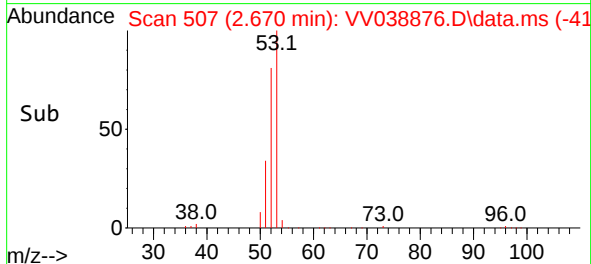
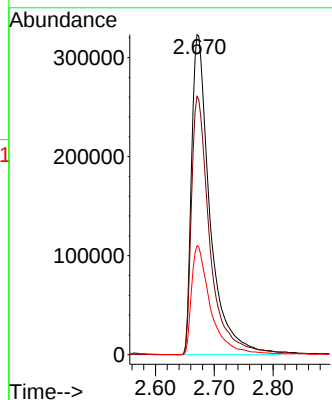
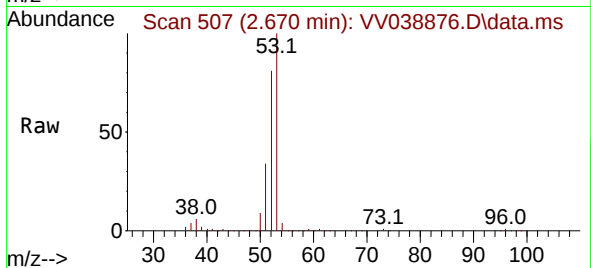




#15
Acrylonitrile
Concen: 280.189 ug/l
RT: 2.670 min Scan# 507
Delta R.T. -0.000 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

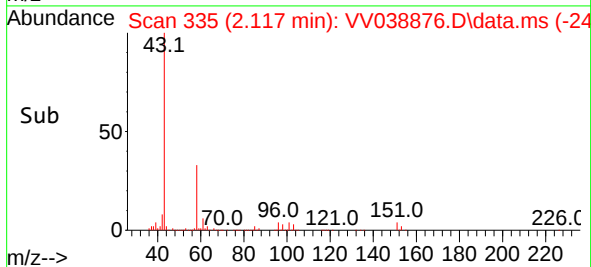
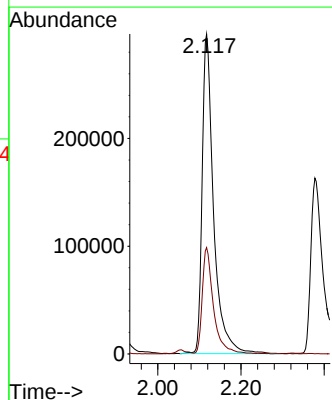
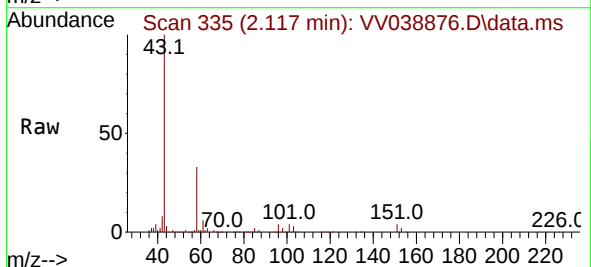
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

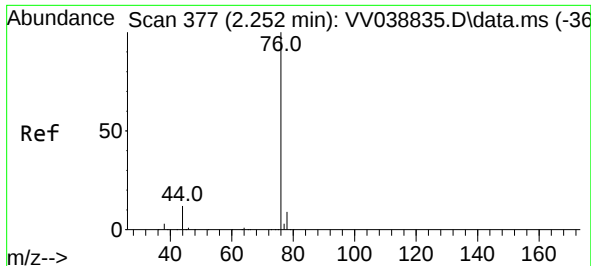
Tgt Ion: 53 Resp: 704874
Ion Ratio Lower Upper
53 100
52 80.4 65.8 98.6
51 35.0 28.5 42.7



#16
Acetone
Concen: 308.335 ug/l
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

Tgt Ion: 43 Resp: 566125
Ion Ratio Lower Upper
43 100
58 33.2 27.0 40.4

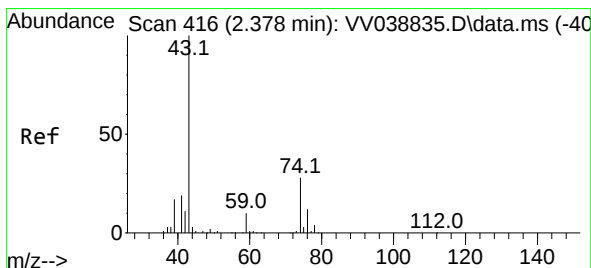
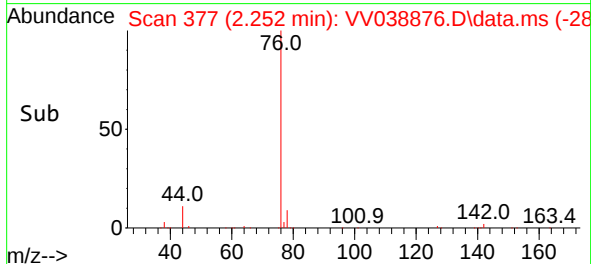
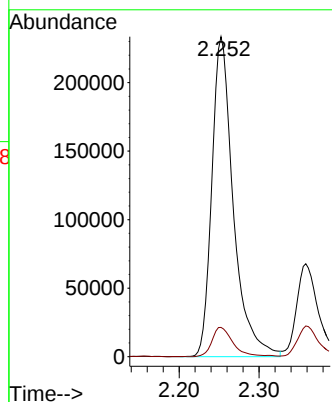
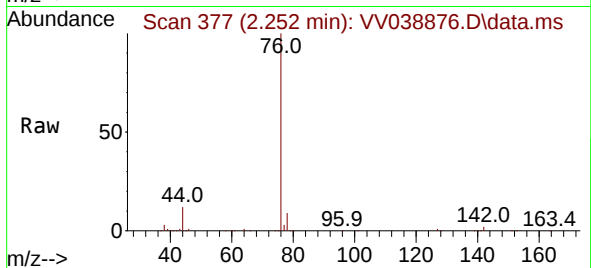




#17
Carbon Disulfide
Concen: 37.198 ug/l
RT: 2.252 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

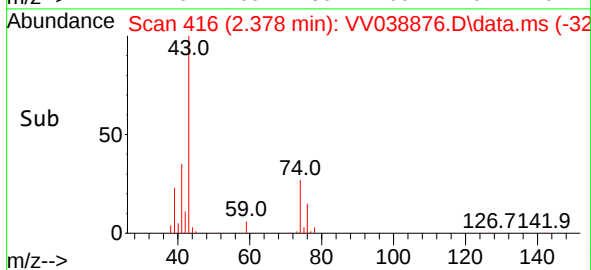
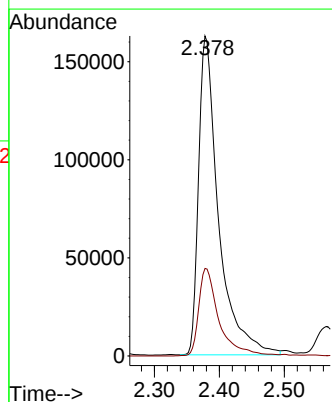
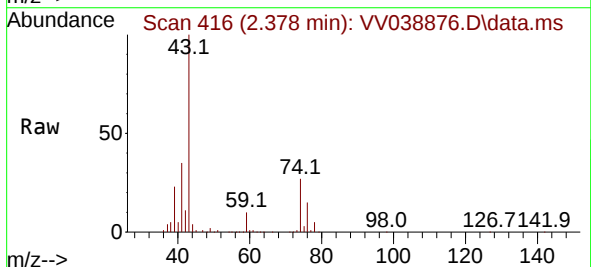
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

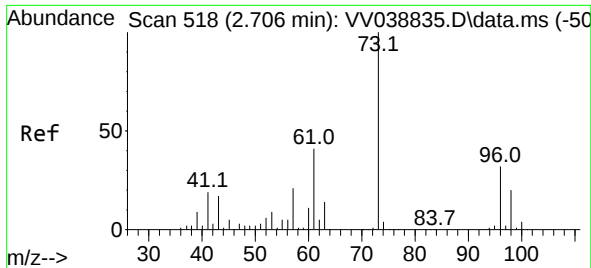
Tgt Ion: 76 Resp: 436250
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 55.653 ug/l
RT: 2.378 min Scan# 416
Delta R.T. -0.000 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

Tgt Ion: 43 Resp: 348428
Ion Ratio Lower Upper
43 100
74 27.8 21.4 32.0

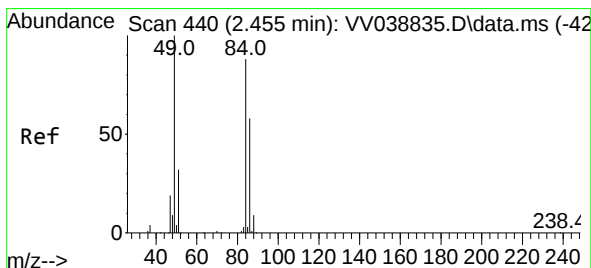
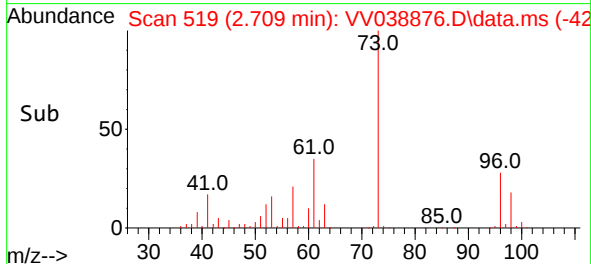
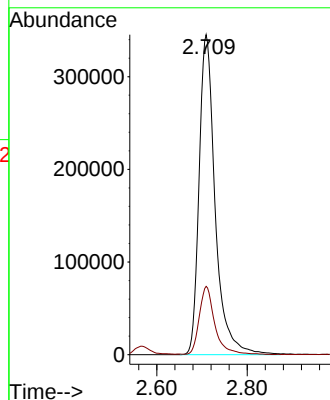
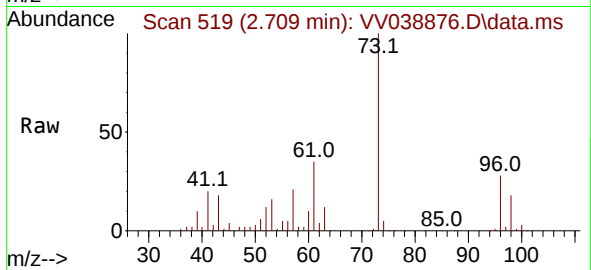




#19
Methyl tert-butyl Ether
Concen: 54.449 ug/l
RT: 2.709 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

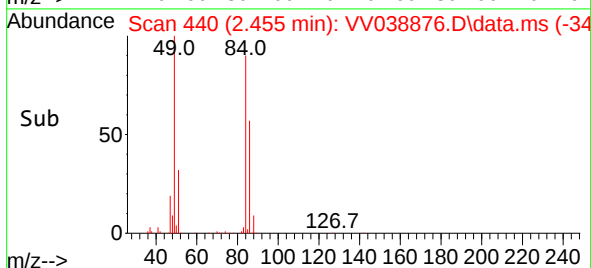
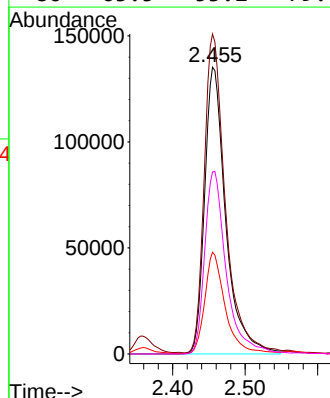
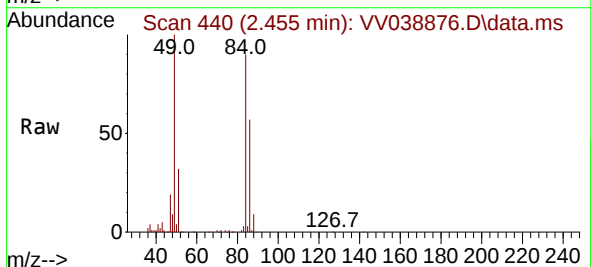
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

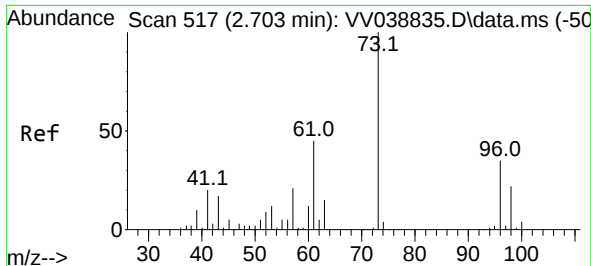
Tgt Ion: 73 Resp: 852322
Ion Ratio Lower Upper
73 100
57 21.3 17.0 25.4



#20
Methylene Chloride
Concen: 45.214 ug/l
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

Tgt Ion: 84 Resp: 274354
Ion Ratio Lower Upper
84 100
49 111.0 91.0 136.4
51 35.3 29.4 44.2
86 63.5 53.2 79.8

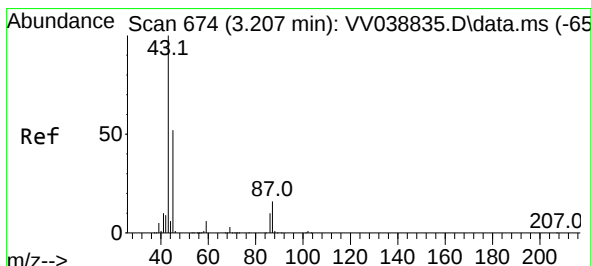
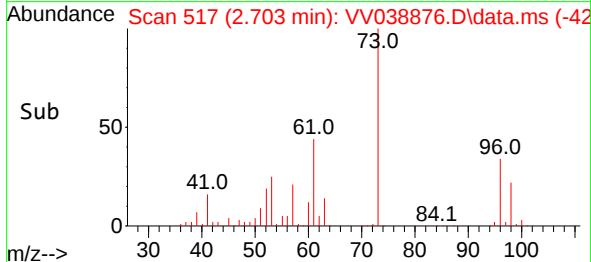
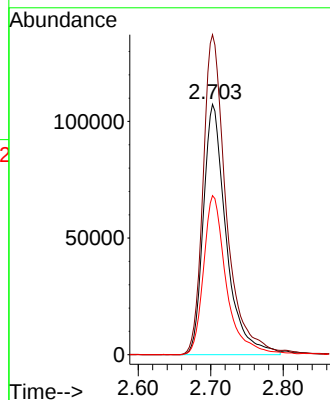
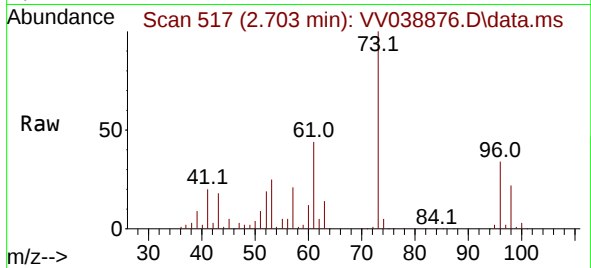




#21
trans-1,2-Dichloroethene
Concen: 46.372 ug/l
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

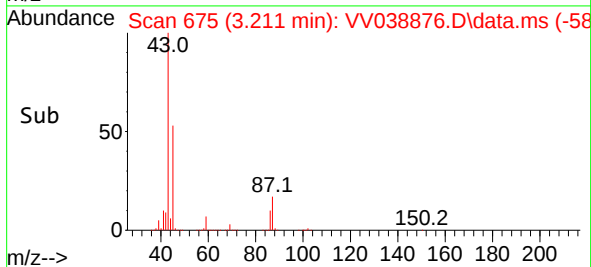
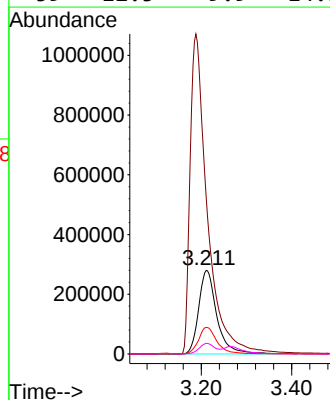
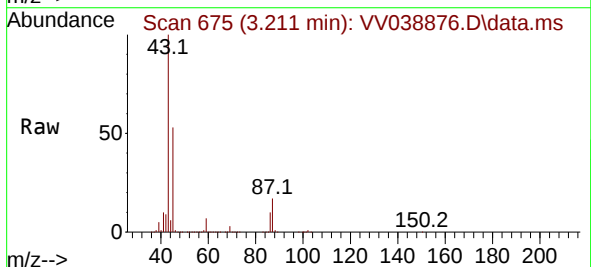
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

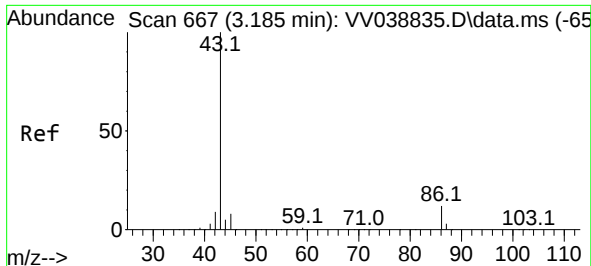
Tgt Ion: 96 Resp: 234787
Ion Ratio Lower Upper
96 100
61 127.8 102.8 154.2
98 63.5 50.9 76.3



#22
Diisopropyl ether
Concen: 55.916 ug/l
RT: 3.211 min Scan# 675
Delta R.T. 0.003 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

Tgt Ion: 45 Resp: 780501
Ion Ratio Lower Upper
45 100
43 188.6 153.1 229.7
87 31.5 25.2 37.8
59 12.5 9.9 14.9

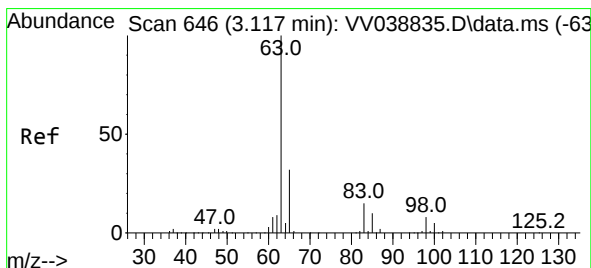
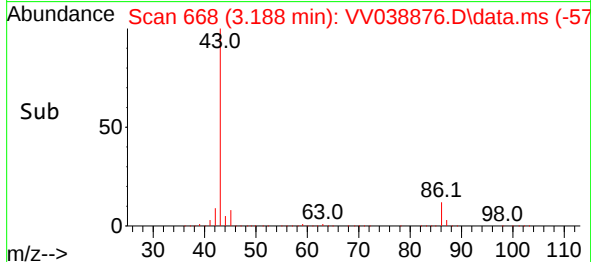
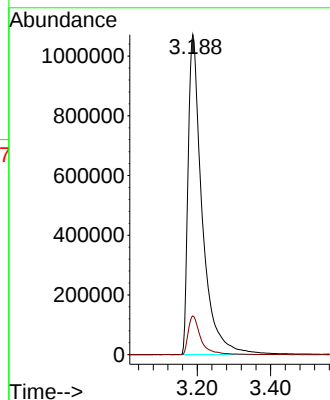
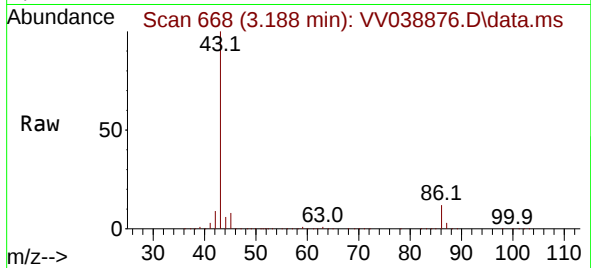




#23
 Vinyl Acetate
 Concen: 283.111 ug/l
 RT: 3.188 min Scan# 667
 Delta R.T. 0.003 min
 Lab File: VV038876.D
 Acq: 07 Jul 2025 17:56

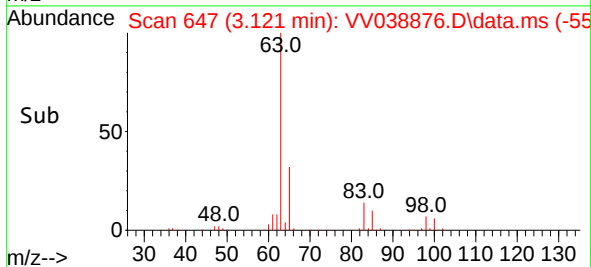
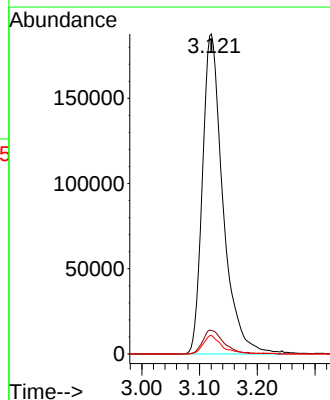
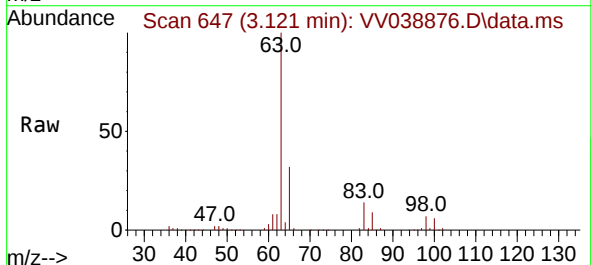
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

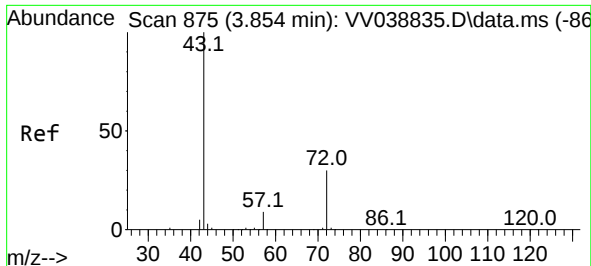
Tgt Ion: 43 Resp: 2849645
 Ion Ratio Lower Upper
 43 100
 86 12.1 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 49.213 ug/l
 RT: 3.121 min Scan# 647
 Delta R.T. 0.003 min
 Lab File: VV038876.D
 Acq: 07 Jul 2025 17:56

Tgt Ion: 63 Resp: 463092
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.1 12.3
 100 5.8 2.4 7.2

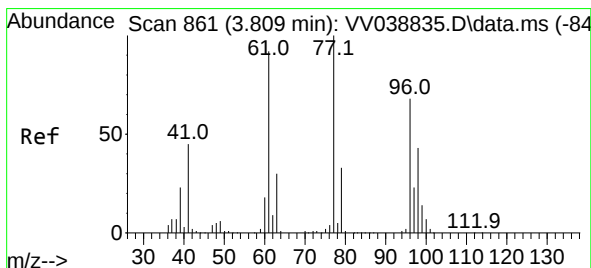
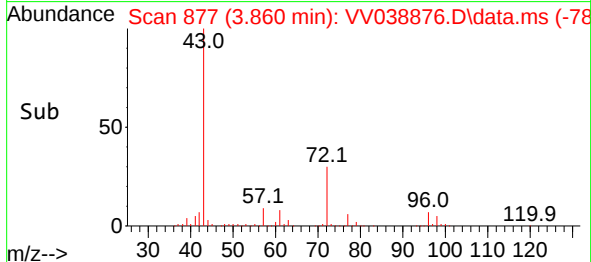
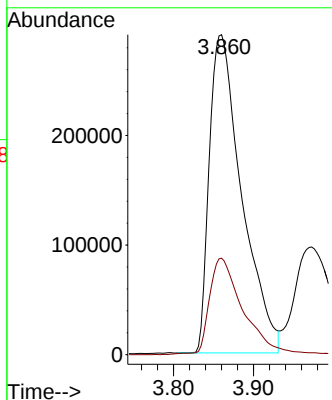
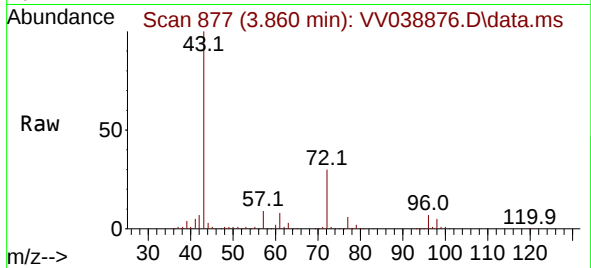




#25
2-Butanone
Concen: 301.759 ug/l
RT: 3.860 min Scan# 81
Delta R.T. 0.006 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

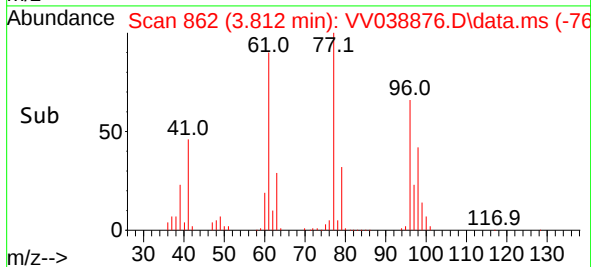
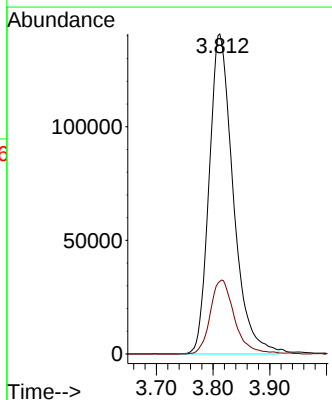
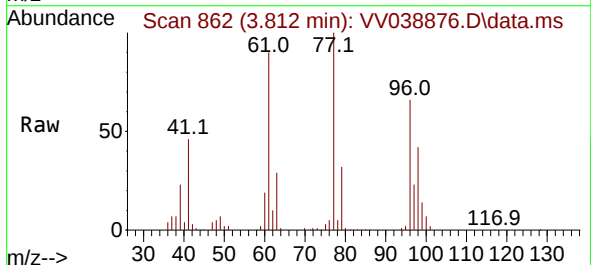
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

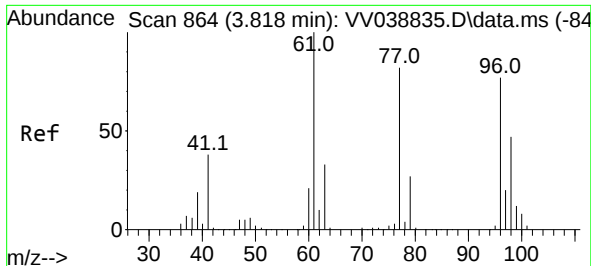
Tgt Ion: 43 Resp: 819338
Ion Ratio Lower Upper
43 100
72 30.0 23.8 35.8



#26
2,2-Dichloropropane
Concen: 47.579 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.003 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

Tgt Ion: 77 Resp: 414952
Ion Ratio Lower Upper
77 100
97 23.3 11.5 34.4



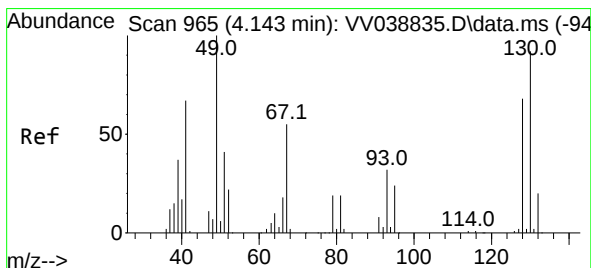
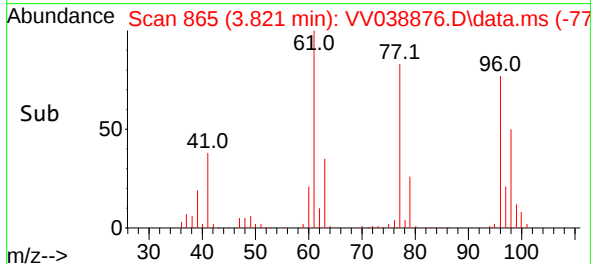
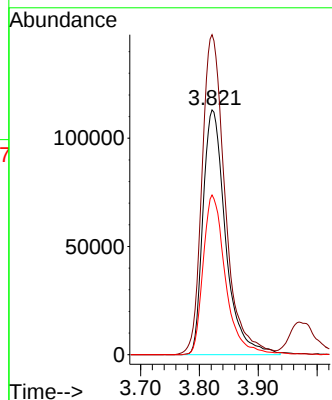
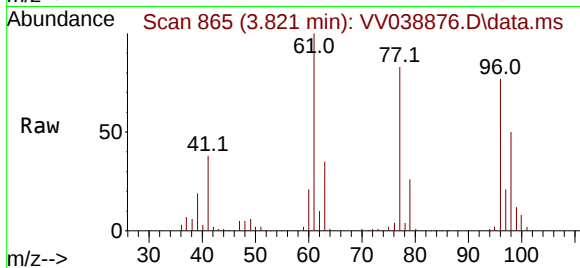


#27
 cis-1,2-Dichloroethene
 Concen: 50.964 ug/l
 RT: 3.821 min Scan# 865
 Delta R.T. 0.003 min
 Lab File: VV038876.D
 Acq: 07 Jul 2025 17:56

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 300707

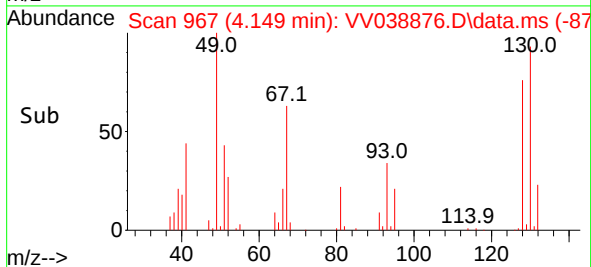
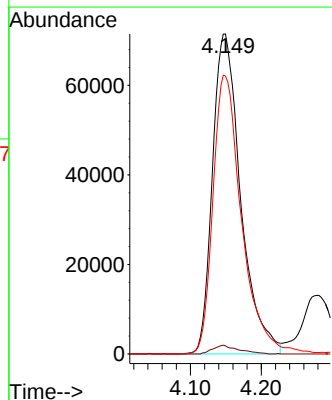
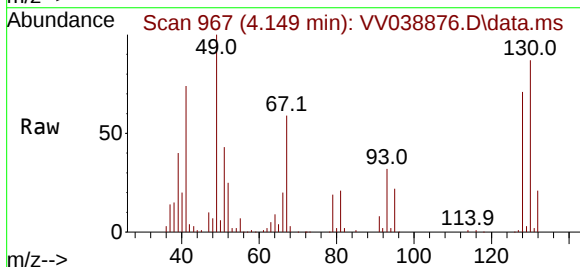
Ion	Ratio	Lower	Upper
96	100		
61	134.2	0.0	268.4
98	64.4	0.0	128.0

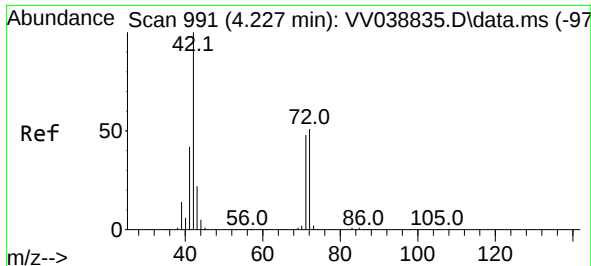


#28
 Bromochloromethane
 Concen: 49.186 ug/l
 RT: 4.149 min Scan# 967
 Delta R.T. 0.006 min
 Lab File: VV038876.D
 Acq: 07 Jul 2025 17:56

Tgt Ion: 49 Resp: 197810

Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	2.2#
130	88.5	72.5	108.7





#29

Tetrahydrofuran

Concen: 288.142 ug/l

RT: 4.230 min Scan# 991

Delta R.T. 0.003 min

Lab File: VV038876.D

Acq: 07 Jul 2025 17:56

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

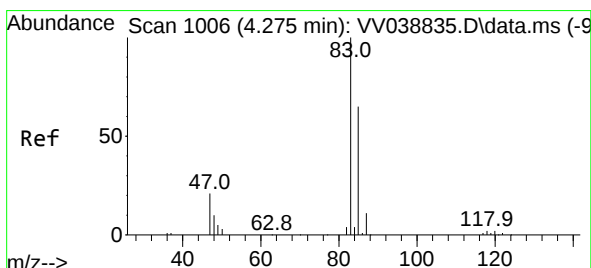
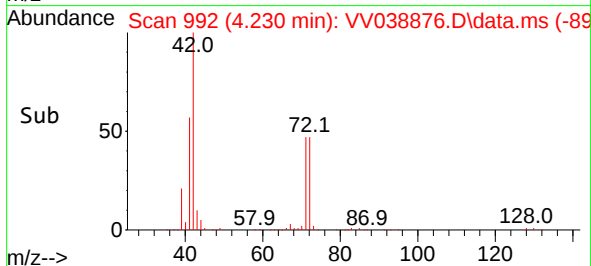
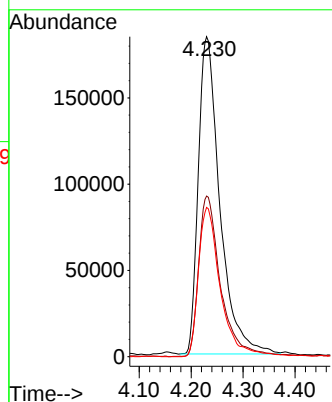
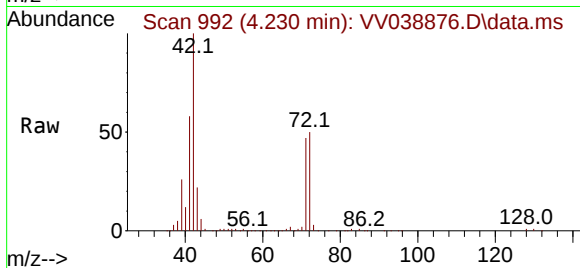
Tgt Ion: 42 Resp: 529866

Ion Ratio Lower Upper

42 100

72 51.7 41.3 61.9

71 47.9 39.2 58.8



#30

Chloroform

Concen: 51.373 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. 0.003 min

Lab File: VV038876.D

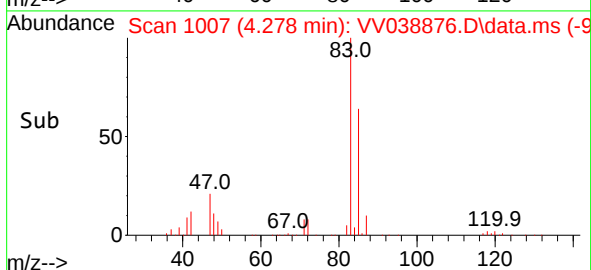
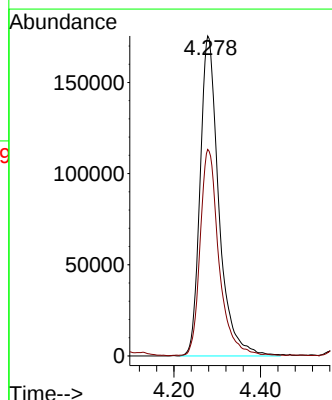
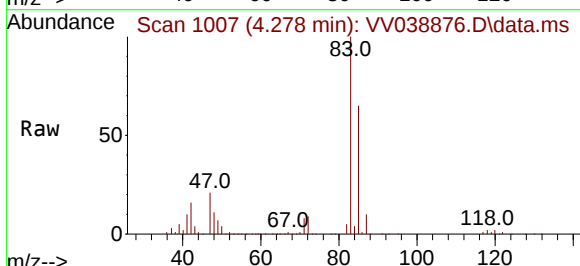
Acq: 07 Jul 2025 17:56

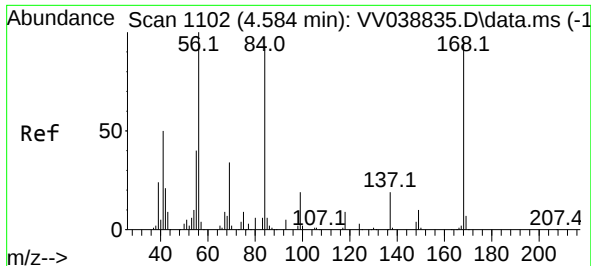
Tgt Ion: 83 Resp: 526702

Ion Ratio Lower Upper

83 100

85 64.3 51.8 77.6

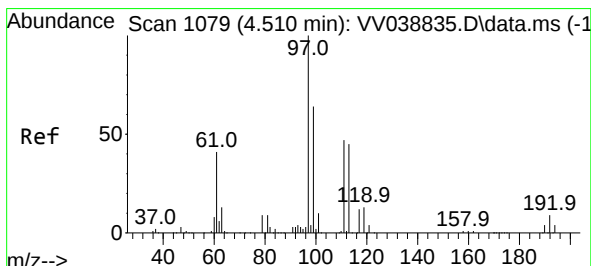
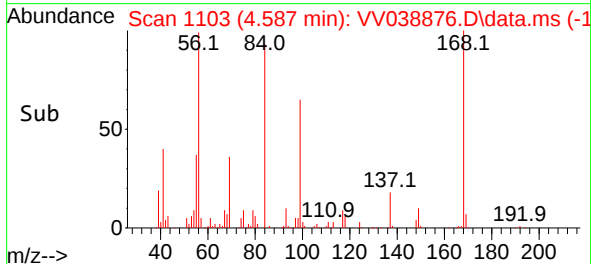
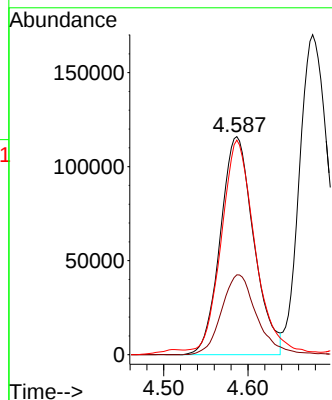
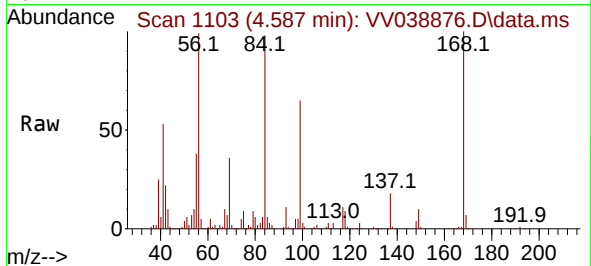




#31
Cyclohexane
Concen: 42.998 ug/l
RT: 4.587 min Scan# 1103
Delta R.T. 0.003 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

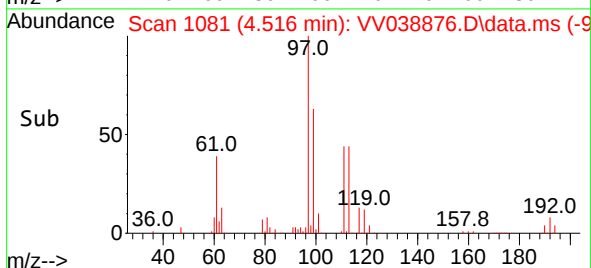
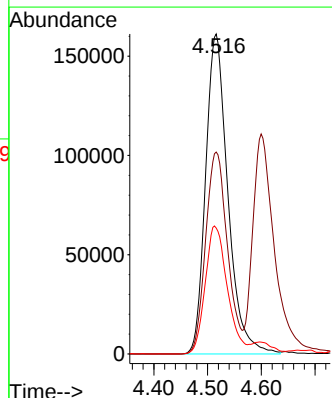
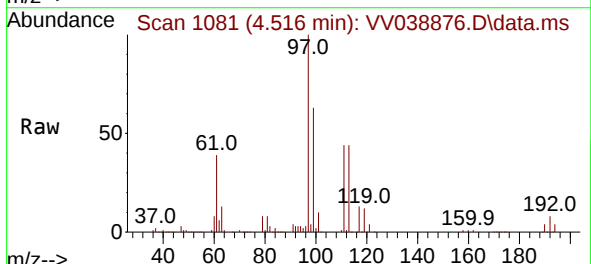
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

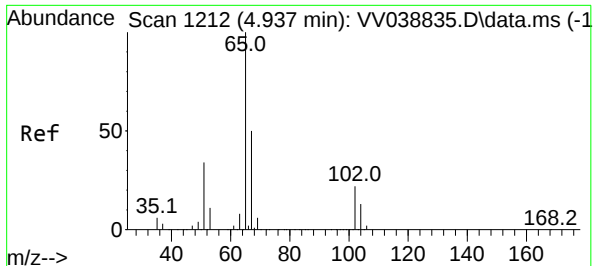
Tgt Ion: 56 Resp: 320423
Ion Ratio Lower Upper
56 100
69 36.6 27.0 40.4
84 96.2 74.4 111.6



#32
1,1,1-Trichloroethane
Concen: 48.833 ug/l
RT: 4.516 min Scan# 1081
Delta R.T. 0.006 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

Tgt Ion: 97 Resp: 464665
Ion Ratio Lower Upper
97 100
99 61.6 48.8 73.2
61 39.6 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 49.070 ug/l

RT: 4.940 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV038876.D

Acq: 07 Jul 2025 17:56

Instrument :

MSVOA_V

ClientSampleId :

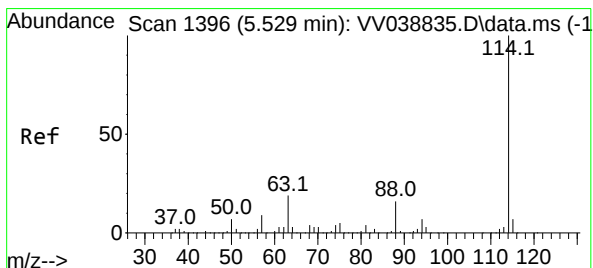
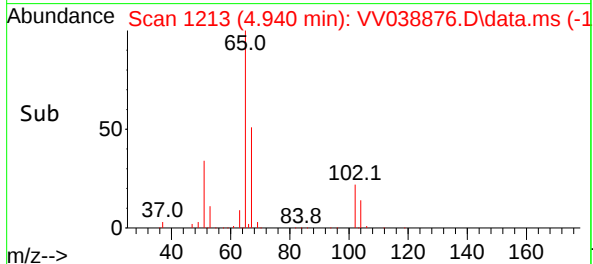
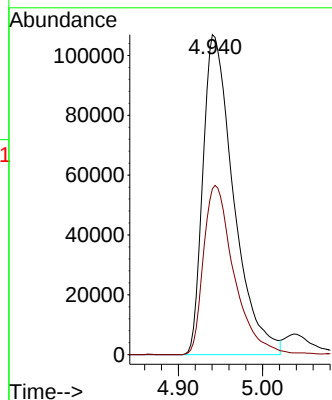
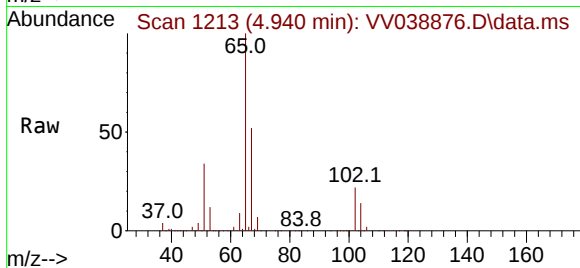
VSTDCCC050EC

Tgt Ion: 65 Resp: 270360

Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VV038876.D

Acq: 07 Jul 2025 17:56

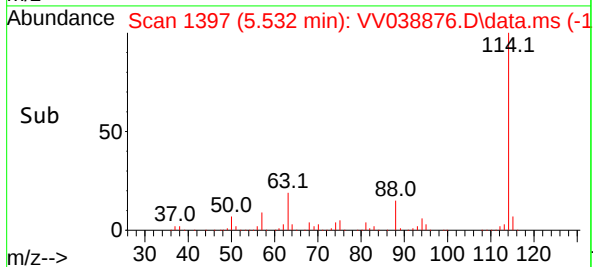
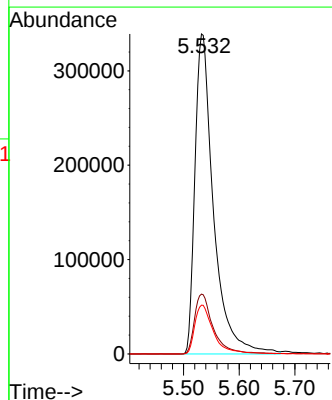
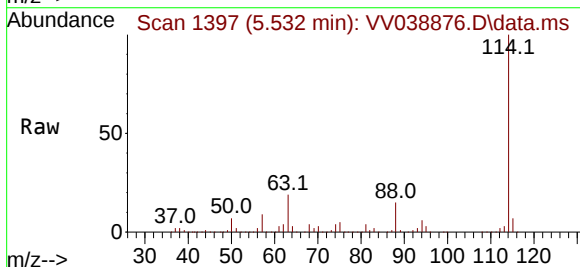
Tgt Ion: 114 Resp: 784809

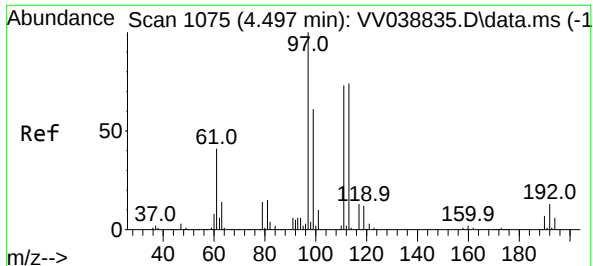
Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.4

88 15.3 0.0 31.2

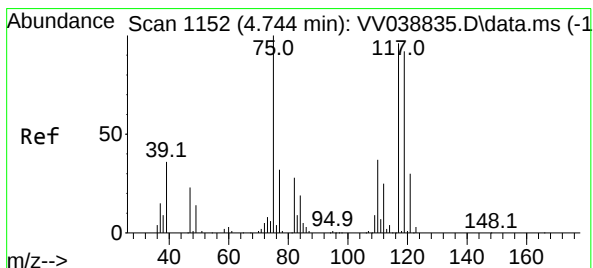
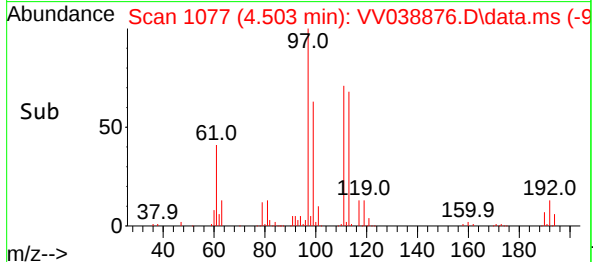
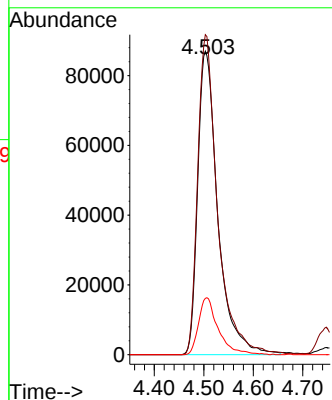
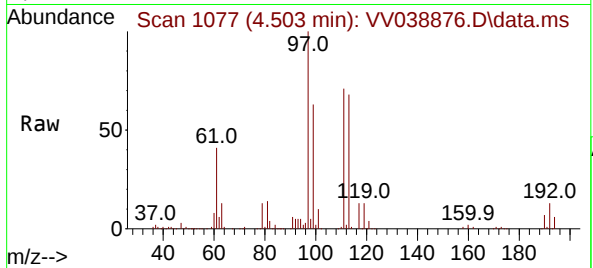




#35
Dibromofluoromethane
Concen: 49.606 ug/l
RT: 4.503 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

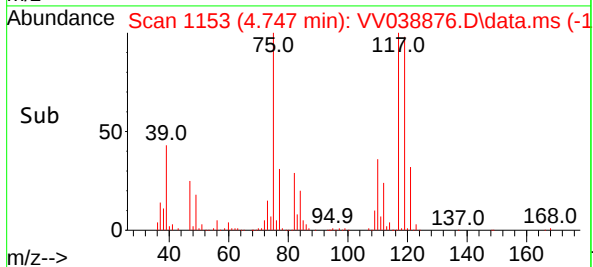
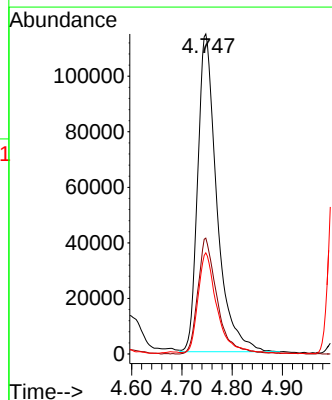
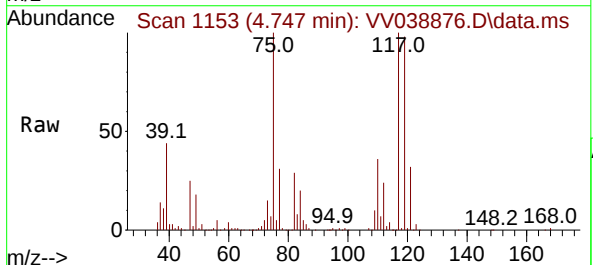
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

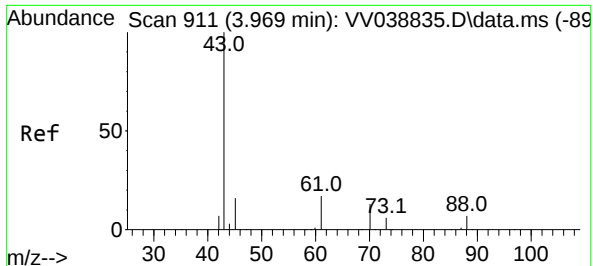
Tgt Ion:113 Resp: 246600
Ion Ratio Lower Upper
113 100
111 103.6 81.5 122.3
192 18.2 14.7 22.1



#36
1,1-Dichloropropene
Concen: 50.264 ug/l
RT: 4.747 min Scan# 1153
Delta R.T. 0.003 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

Tgt Ion: 75 Resp: 303207
Ion Ratio Lower Upper
75 100
110 36.6 19.3 57.9
77 30.4 25.1 37.7





#37

Ethyl Acetate

Concen: 51.227 ug/l

RT: 3.973 min Scan# 911

Delta R.T. 0.003 min

Lab File: VV038876.D

Acq: 07 Jul 2025 17:56

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

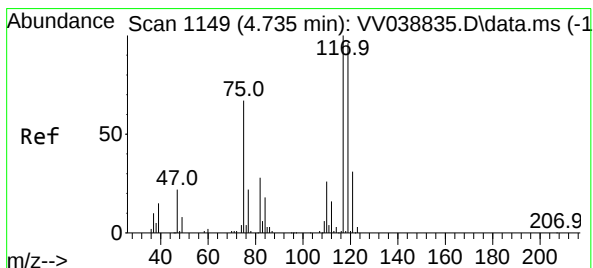
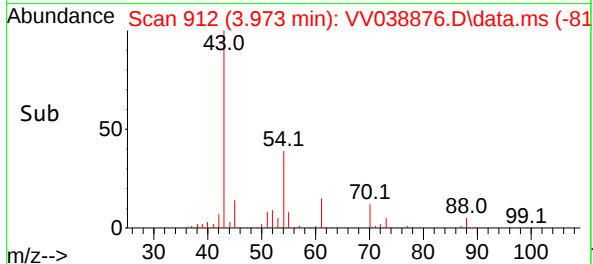
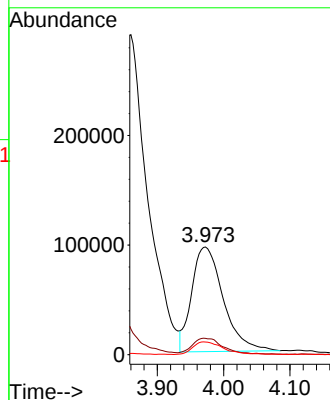
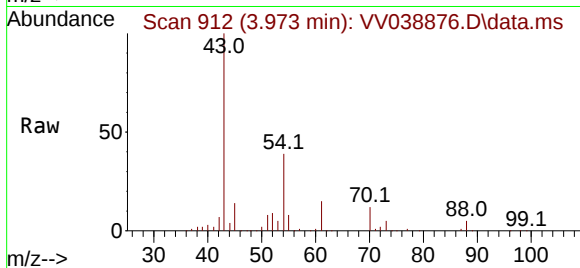
Tgt Ion: 43 Resp: 315315

Ion Ratio Lower Upper

43 100

61 13.7 13.0 19.4

70 11.5 9.6 14.4



#38

Carbon Tetrachloride

Concen: 48.955 ug/l

RT: 4.738 min Scan# 1150

Delta R.T. 0.003 min

Lab File: VV038876.D

Acq: 07 Jul 2025 17:56

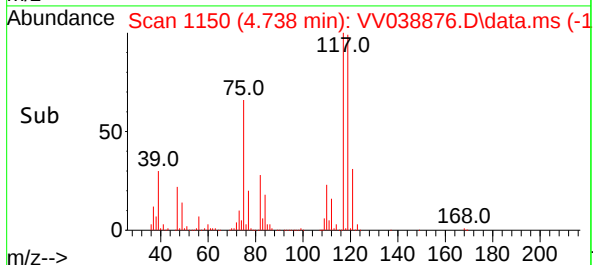
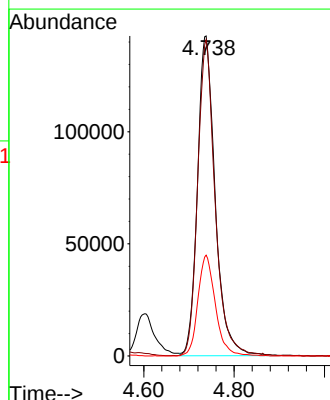
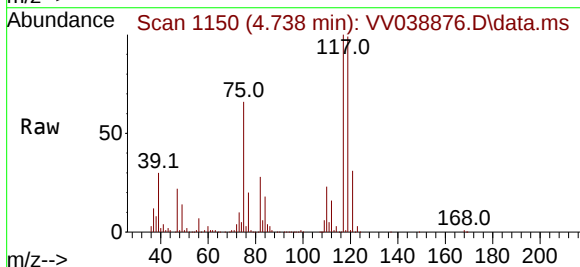
Tgt Ion: 117 Resp: 388694

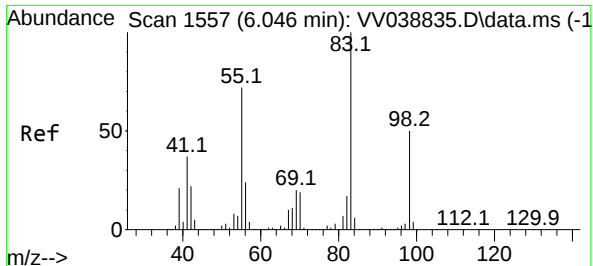
Ion Ratio Lower Upper

117 100

119 98.7 76.5 114.7

121 31.4 25.0 37.6





#39

Methylcyclohexane

Concen: 46.578 ug/l

RT: 6.050 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV038876.D

Acq: 07 Jul 2025 17:56

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

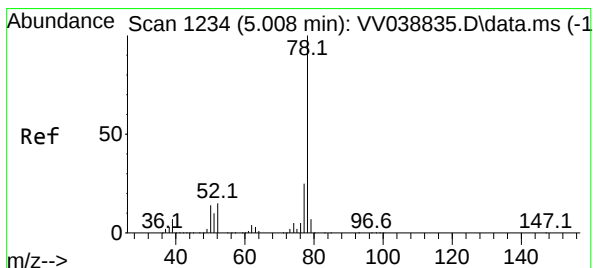
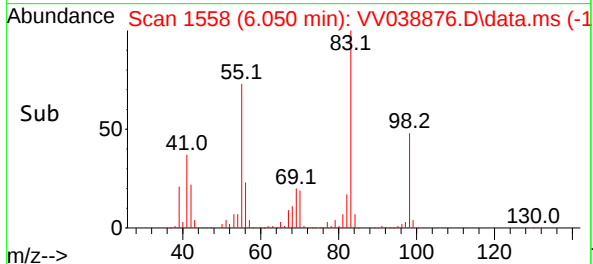
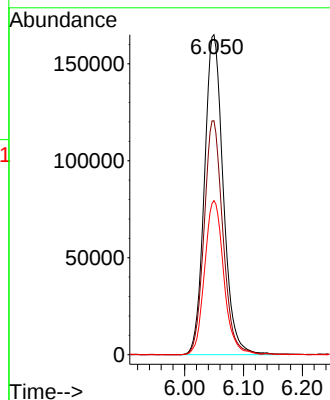
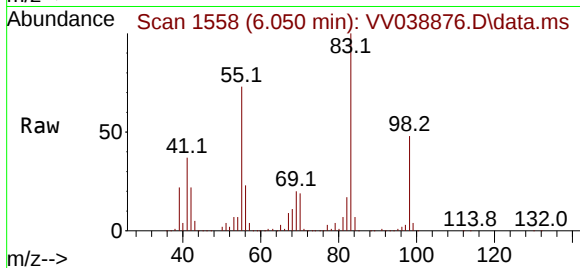
Tgt Ion: 83 Resp: 367367

Ion Ratio Lower Upper

83 100

55 73.1 57.7 86.5

98 48.2 40.2 60.2



#40

Benzene

Concen: 50.429 ug/l

RT: 5.011 min Scan# 1235

Delta R.T. 0.003 min

Lab File: VV038876.D

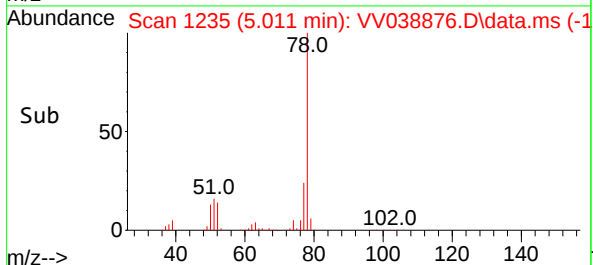
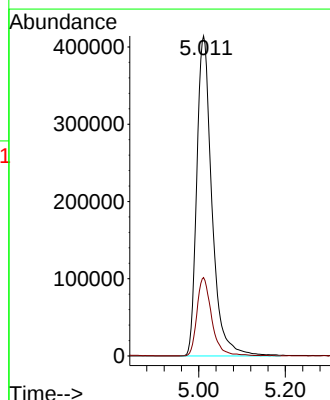
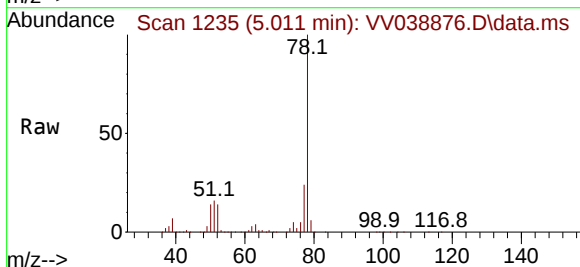
Acq: 07 Jul 2025 17:56

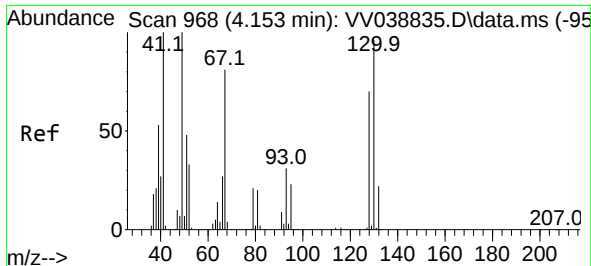
Tgt Ion: 78 Resp: 1004480

Ion Ratio Lower Upper

78 100

77 24.4 19.6 29.4



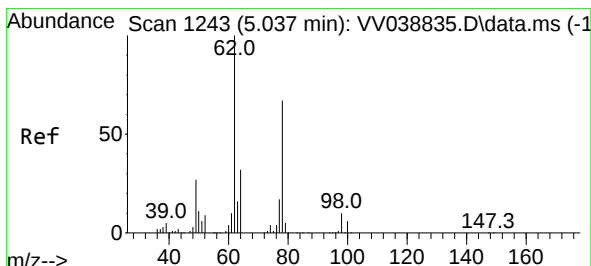
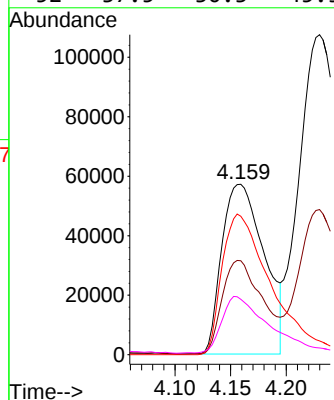
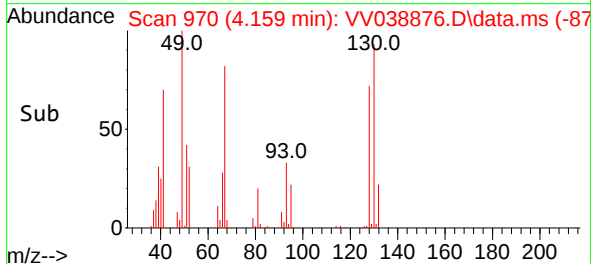
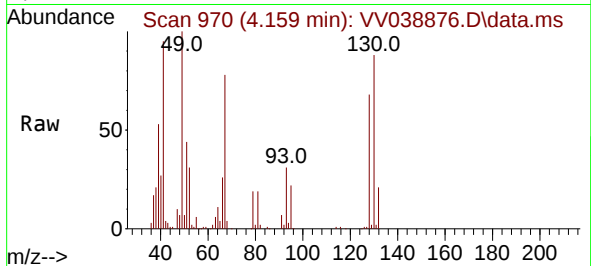


#41
Methacrylonitrile
Concen: 57.164 ug/l
RT: 4.159 min Scan# 91
Delta R.T. 0.006 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 151091

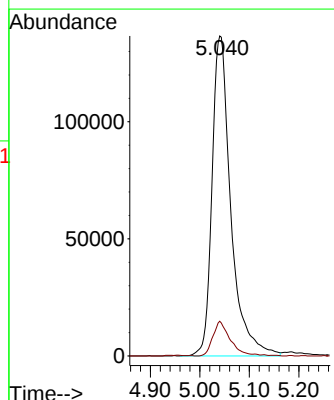
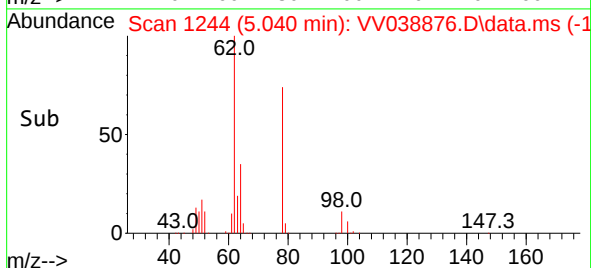
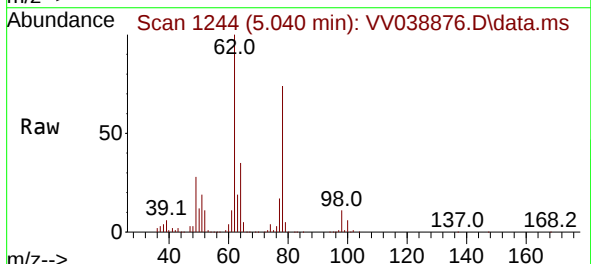
Ion	Ratio	Lower	Upper
41	100		
39	52.5	43.8	65.8
67	99.8	78.8	118.2
52	37.5	30.3	45.5

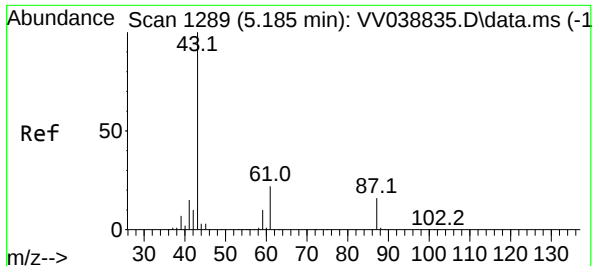


#42
1,2-Dichloroethane
Concen: 51.079 ug/l
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

Tgt Ion: 62 Resp: 360209

Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.0

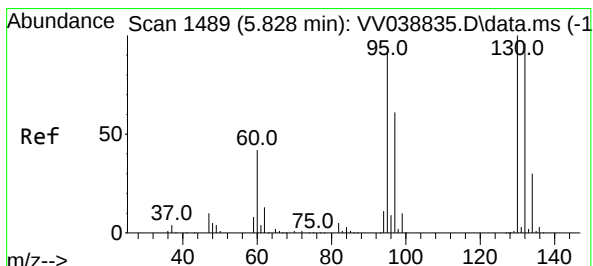
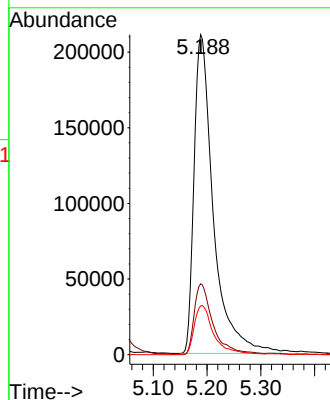
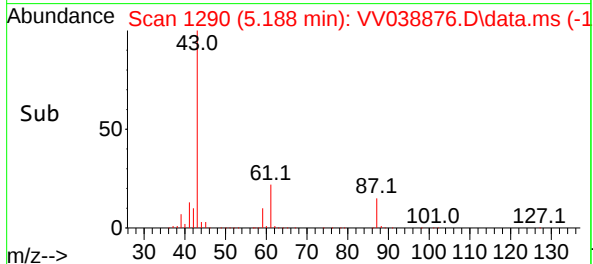
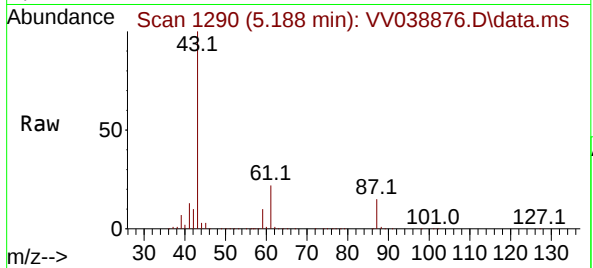




#43
Isopropyl Acetate
Concen: 53.600 ug/l
RT: 5.188 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

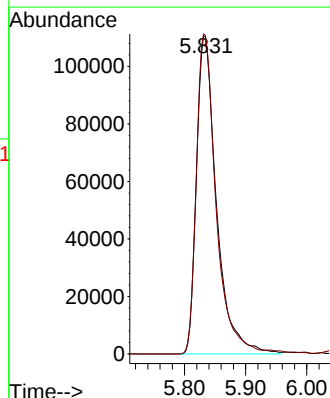
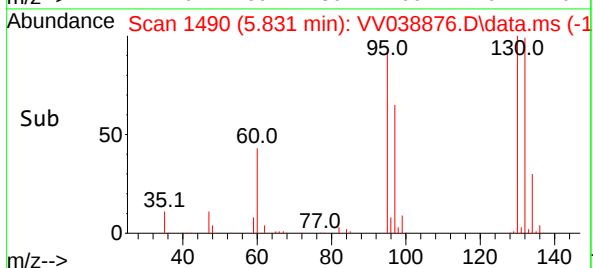
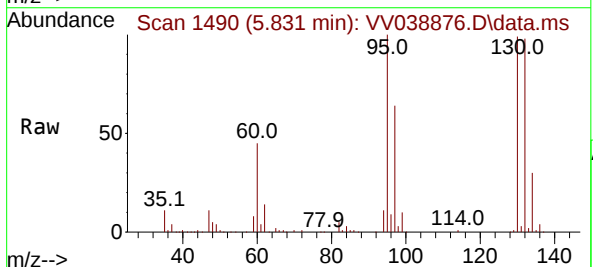
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

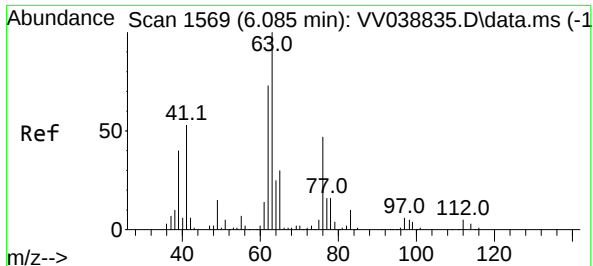
Tgt Ion: 43 Resp: 526342
Ion Ratio Lower Upper
43 100
61 21.3 17.0 25.6
87 15.5 13.0 19.6



#44
Trichloroethene
Concen: 48.517 ug/l
RT: 5.831 min Scan# 1490
Delta R.T. 0.003 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

Tgt Ion:130 Resp: 252205
Ion Ratio Lower Upper
130 100
95 100.6 0.0 184.4





#45

1,2-Dichloropropane

Concen: 52.013 ug/l

RT: 6.088 min Scan# 1570

Delta R.T. 0.003 min

Lab File: VV038876.D

Acq: 07 Jul 2025 17:56

Instrument :

MSVOA_V

ClientSampleId :

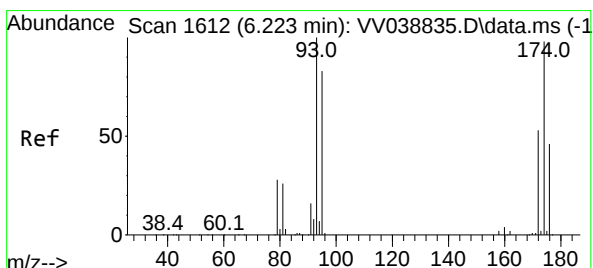
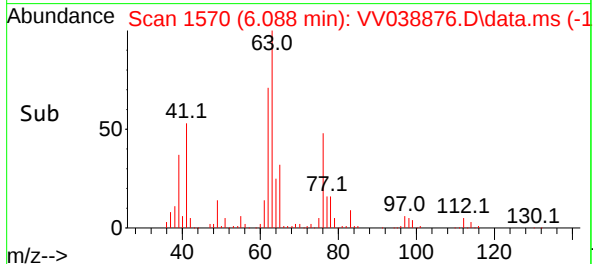
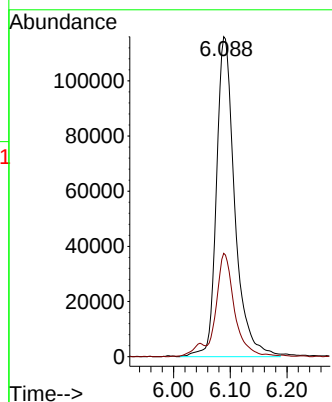
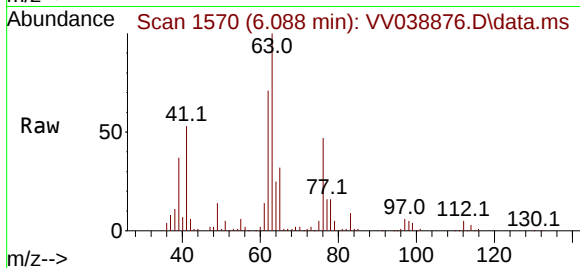
VSTDCCC050EC

Tgt Ion: 63 Resp: 260199

Ion Ratio Lower Upper

63 100

65 32.0 24.3 36.5



#46

Dibromomethane

Concen: 49.164 ug/l

RT: 6.227 min Scan# 1613

Delta R.T. 0.003 min

Lab File: VV038876.D

Acq: 07 Jul 2025 17:56

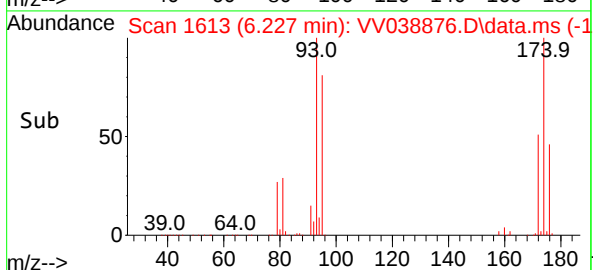
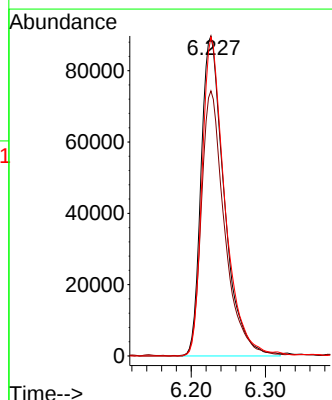
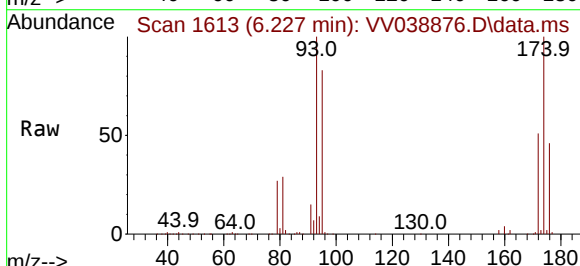
Tgt Ion: 93 Resp: 193954

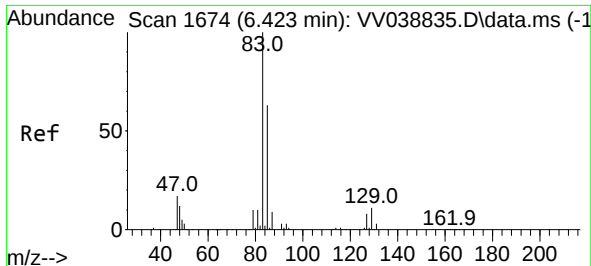
Ion Ratio Lower Upper

93 100

95 82.9 66.7 100.1

174 97.7 78.7 118.1

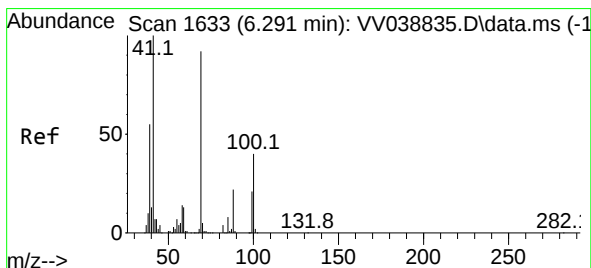
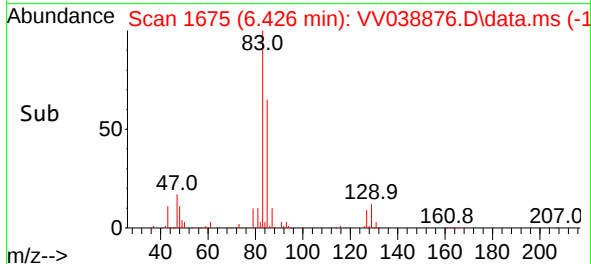
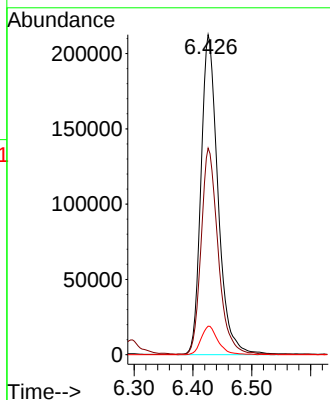
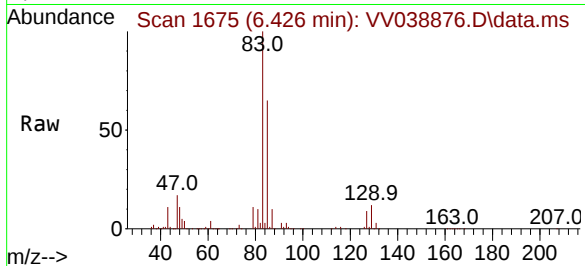




#47
Bromodichloromethane
Concen: 51.146 ug/l
RT: 6.426 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

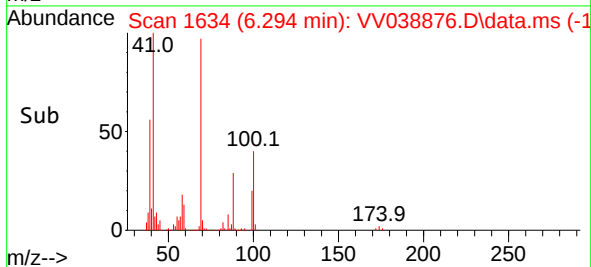
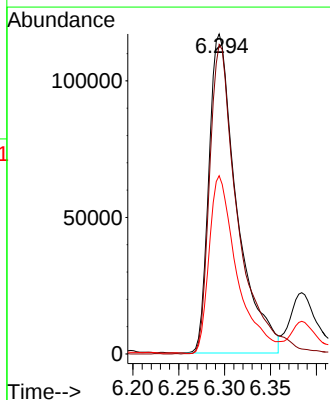
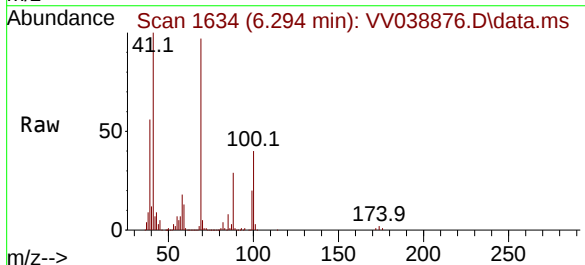
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

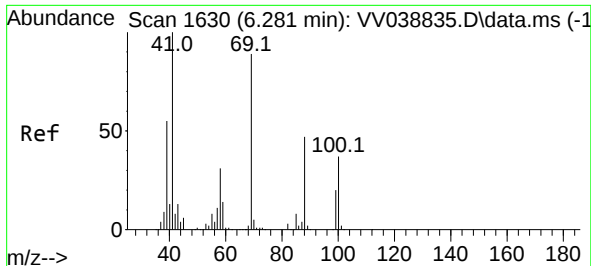
Tgt Ion: 83 Resp: 427248
Ion Ratio Lower Upper
83 100
85 64.4 50.1 75.1
127 8.9 6.6 10.0



#48
Methyl methacrylate
Concen: 53.004 ug/l
RT: 6.294 min Scan# 1634
Delta R.T. 0.003 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

Tgt Ion: 41 Resp: 247490
Ion Ratio Lower Upper
41 100
69 99.2 77.4 116.2
39 55.5 44.2 66.4





#49

1,4-Dioxane

Concen: 1419.910 ug/l

RT: 6.284 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV038876.D

Acq: 07 Jul 2025 17:56

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

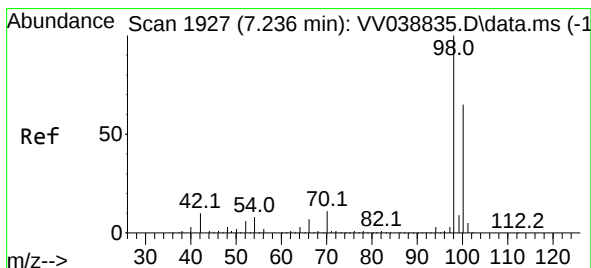
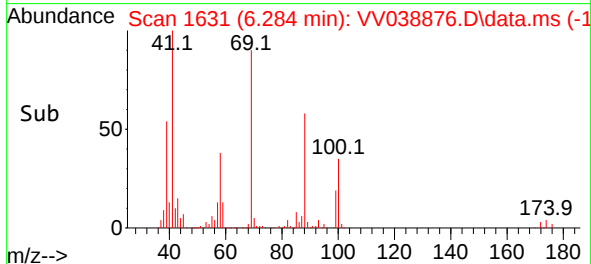
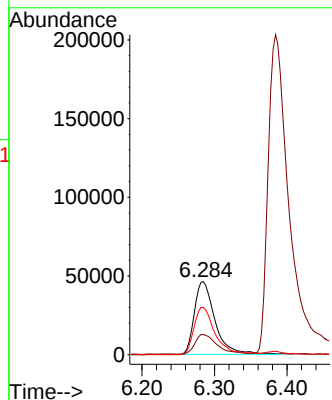
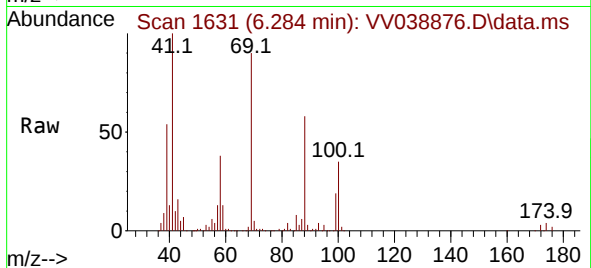
Tgt Ion: 88 Resp: 91898

Ion Ratio Lower Upper

88 100

43 28.7 25.2 37.8

58 66.0 52.1 78.1



#50

Toluene-d8

Concen: 48.079 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. -0.000 min

Lab File: VV038876.D

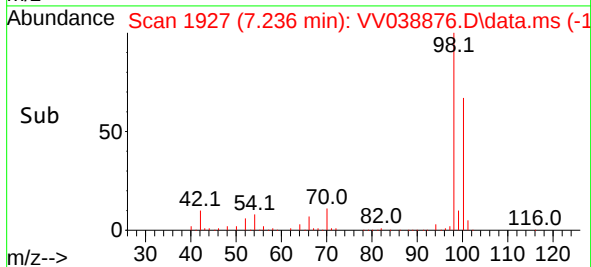
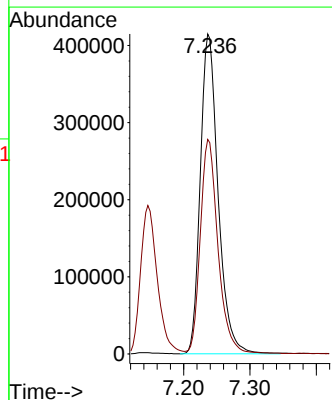
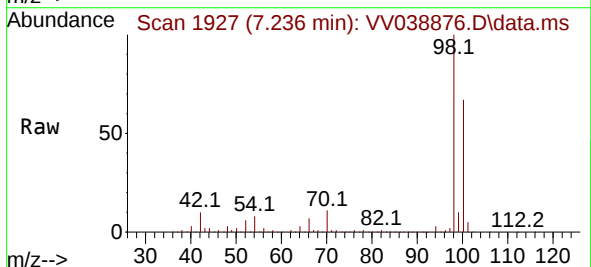
Acq: 07 Jul 2025 17:56

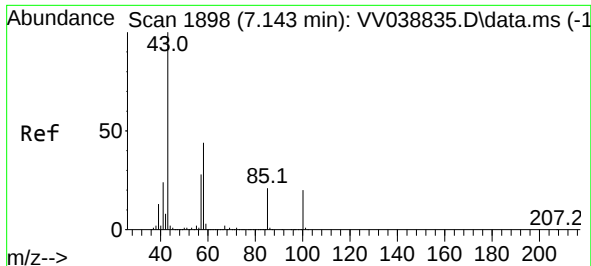
Tgt Ion: 98 Resp: 773279

Ion Ratio Lower Upper

98 100

100 66.1 53.0 79.4

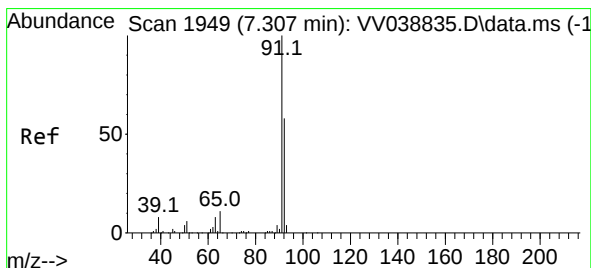
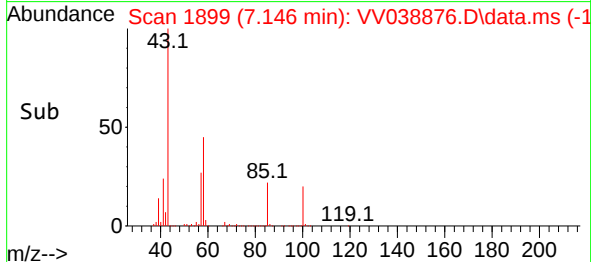
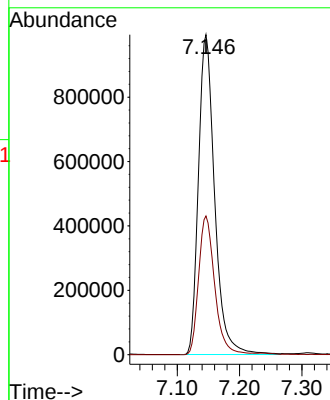
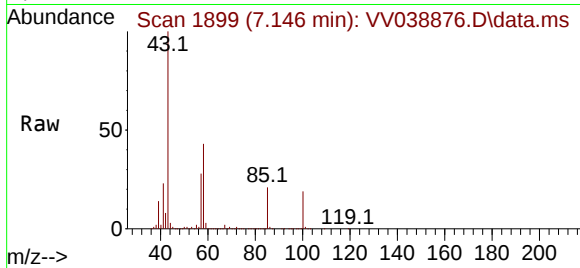




#51
4-Methyl-2-Pentanone
Concen: 289.410 ug/l
RT: 7.146 min Scan# 1898
Delta R.T. 0.003 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

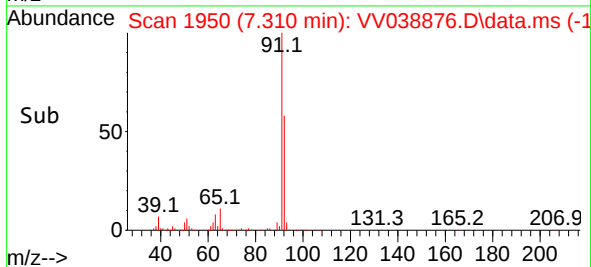
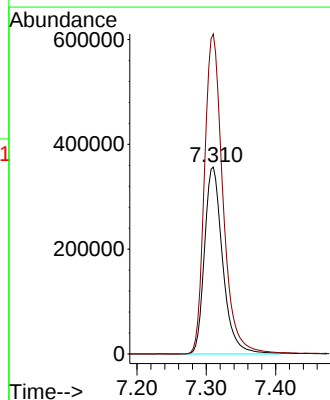
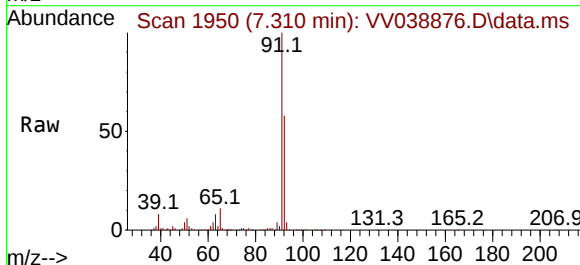
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

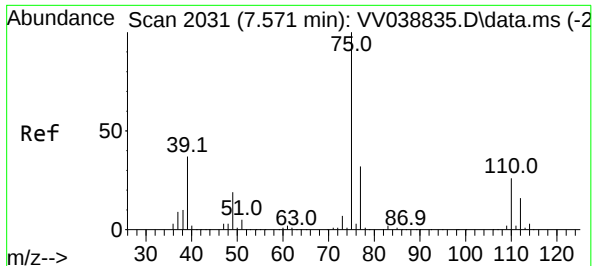
Tgt Ion: 43 Resp: 1793371
Ion Ratio Lower Upper
43 100
58 43.1 34.4 51.6



#52
Toluene
Concen: 52.127 ug/l
RT: 7.310 min Scan# 1950
Delta R.T. 0.003 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

Tgt Ion: 92 Resp: 648728
Ion Ratio Lower Upper
92 100
91 174.0 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 51.810 ug/l

RT: 7.574 min Scan# 2031

Delta R.T. 0.003 min

Lab File: VV038876.D

Acq: 07 Jul 2025 17:56

Instrument :

MSVOA_V

ClientSampleId :

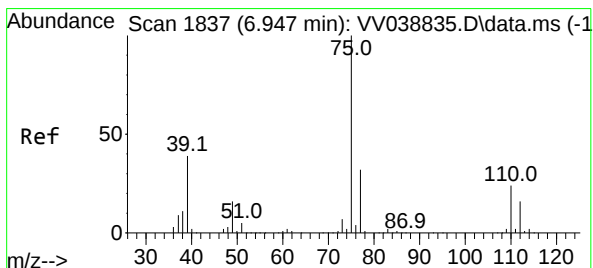
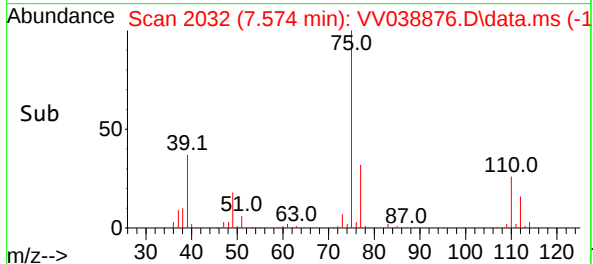
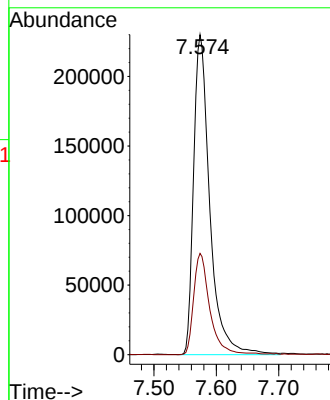
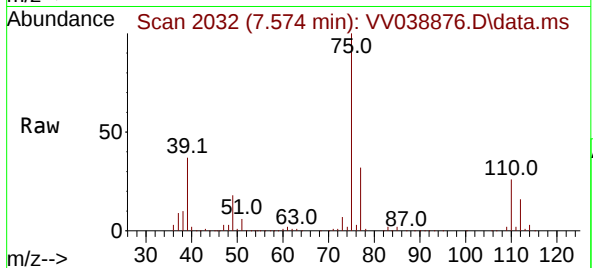
VSTDCCC050EC

Tgt Ion: 75 Resp: 414333

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 52.971 ug/l

RT: 6.947 min Scan# 1837

Delta R.T. -0.000 min

Lab File: VV038876.D

Acq: 07 Jul 2025 17:56

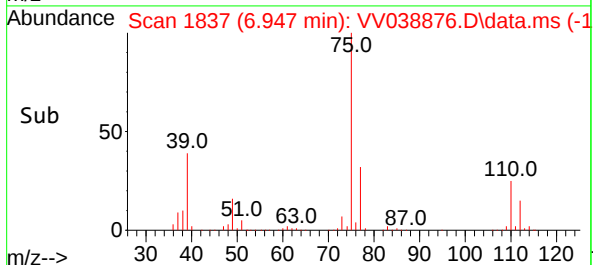
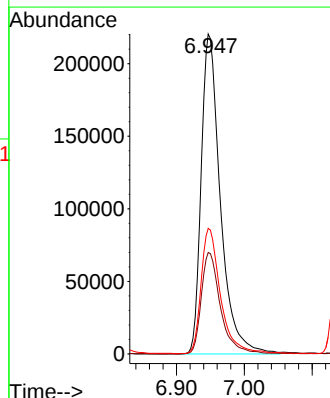
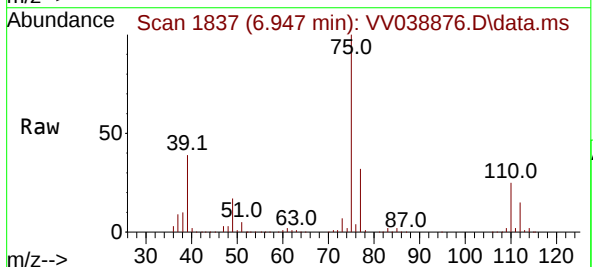
Tgt Ion: 75 Resp: 433139

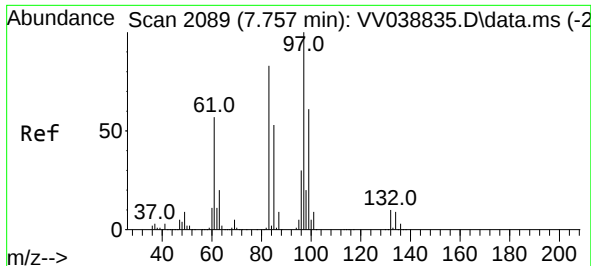
Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.8

39 39.2 31.3 46.9





#55

1,1,2-Trichloroethane

Concen: 53.153 ug/l

RT: 7.760 min Scan# 2089

Delta R.T. 0.003 min

Lab File: VV038876.D

Acq: 07 Jul 2025 17:56

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 289261

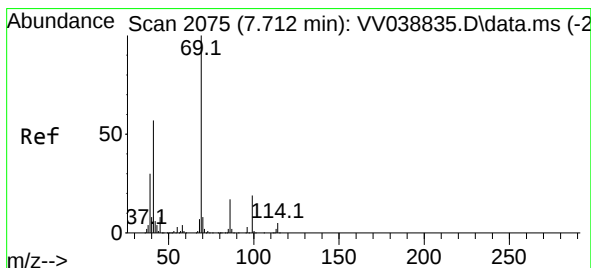
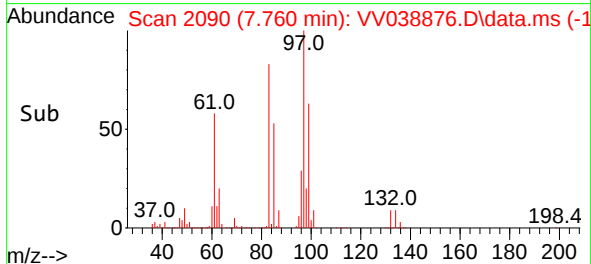
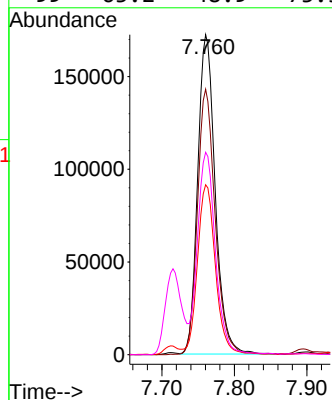
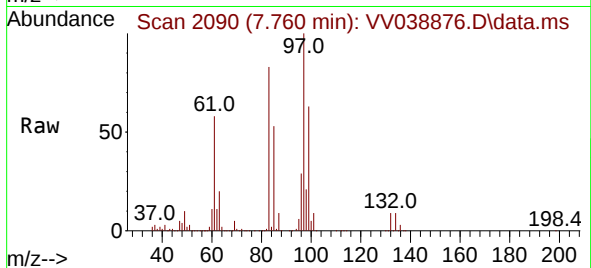
Ion Ratio Lower Upper

97 100

83 82.9 66.2 99.4

85 53.1 42.2 63.4

99 63.2 48.9 73.3



#56

Ethyl methacrylate

Concen: 56.690 ug/l

RT: 7.715 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VV038876.D

Acq: 07 Jul 2025 17:56

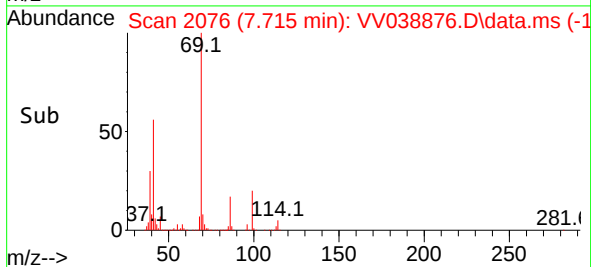
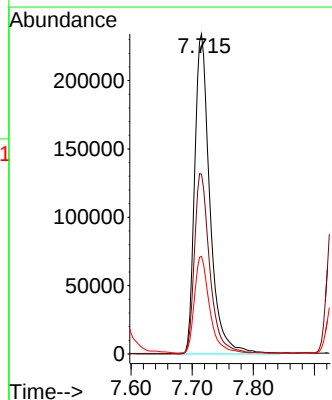
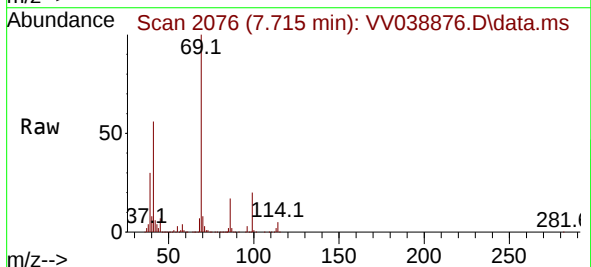
Tgt Ion: 69 Resp: 405865

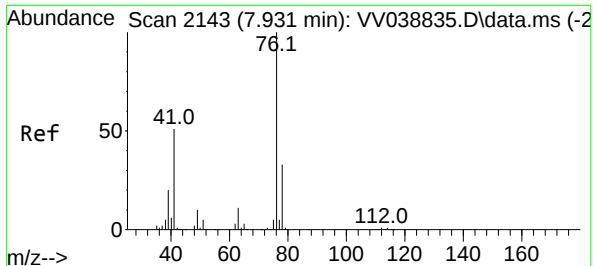
Ion Ratio Lower Upper

69 100

41 56.9 46.1 69.1

39 30.0 24.1 36.1





#57

1,3-Dichloropropane

Concen: 51.982 ug/l

RT: 7.934 min Scan# 2143

Delta R.T. 0.003 min

Lab File: VV038876.D

Acq: 07 Jul 2025 17:56

Instrument :

MSVOA_V

ClientSampleId :

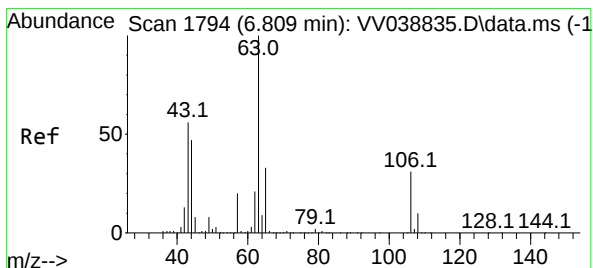
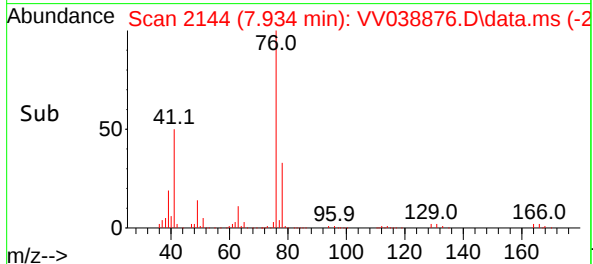
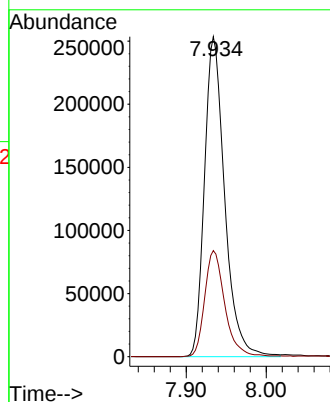
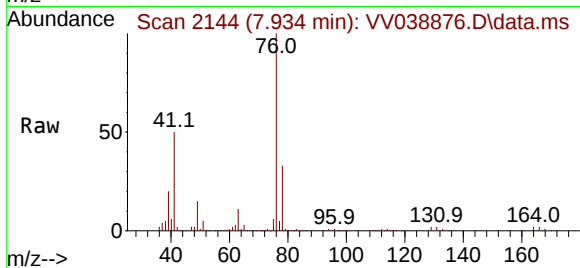
VSTDCCC050EC

Tgt Ion: 76 Resp: 445637

Ion Ratio Lower Upper

76 100

78 33.0 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 258.005 ug/l

RT: 6.812 min Scan# 1795

Delta R.T. 0.003 min

Lab File: VV038876.D

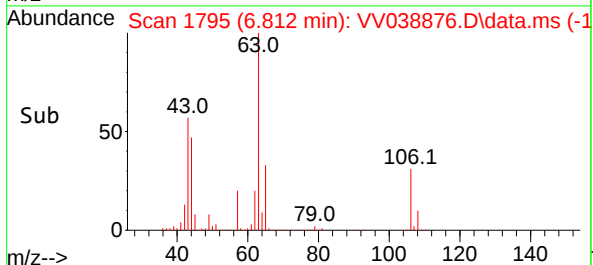
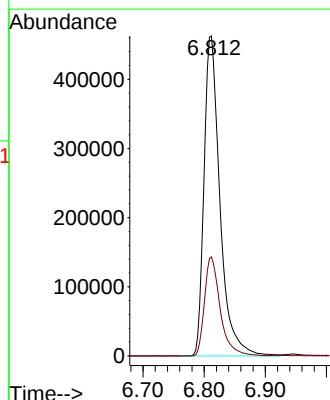
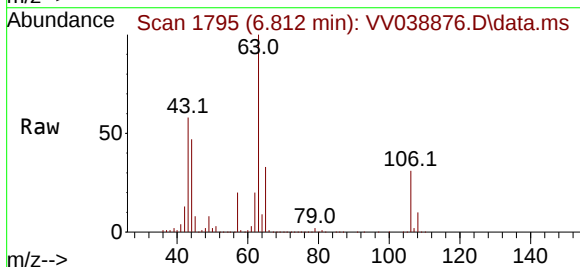
Acq: 07 Jul 2025 17:56

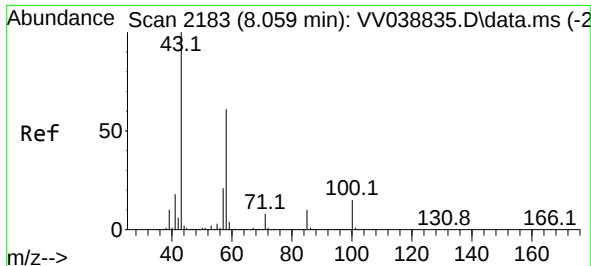
Tgt Ion: 63 Resp: 838741

Ion Ratio Lower Upper

63 100

106 30.5 24.6 37.0

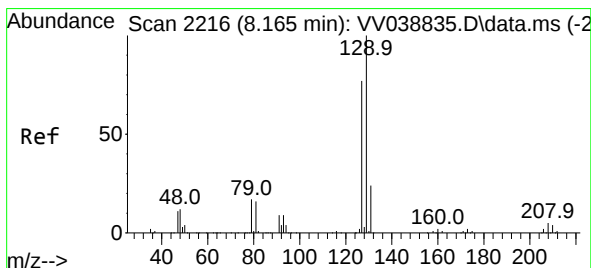
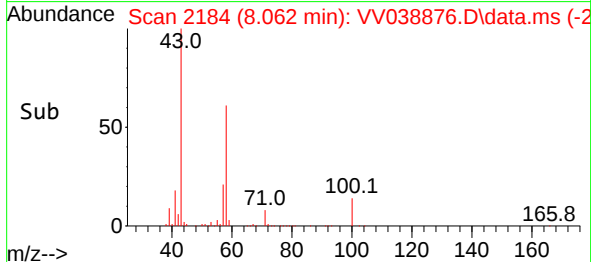
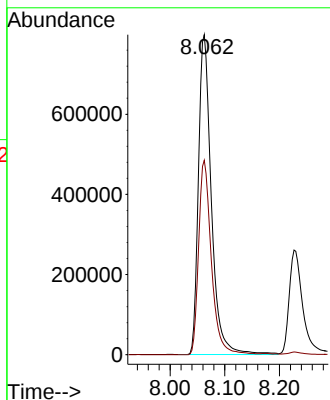
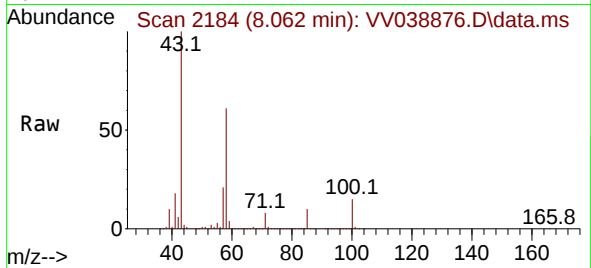




#59
2-Hexanone
Concen: 299.668 ug/l
RT: 8.062 min Scan# 2184
Delta R.T. 0.003 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

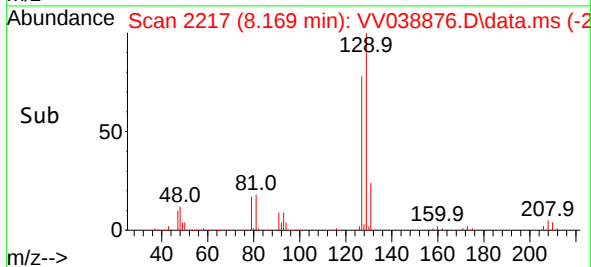
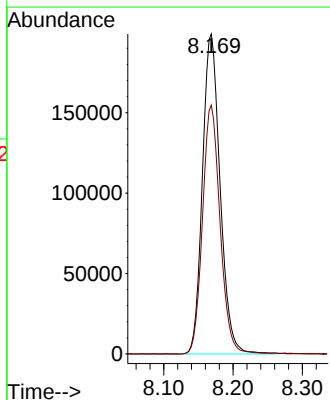
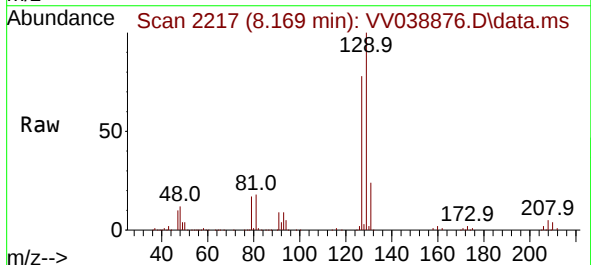
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

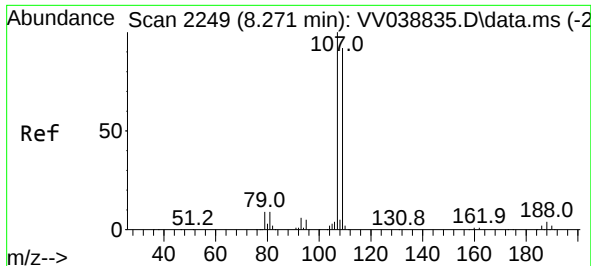
Tgt Ion: 43 Resp: 1309743
Ion Ratio Lower Upper
43 100
58 60.0 30.3 91.0



#60
Dibromochloromethane
Concen: 51.441 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

Tgt Ion: 129 Resp: 352476
Ion Ratio Lower Upper
129 100
127 77.2 38.2 114.6

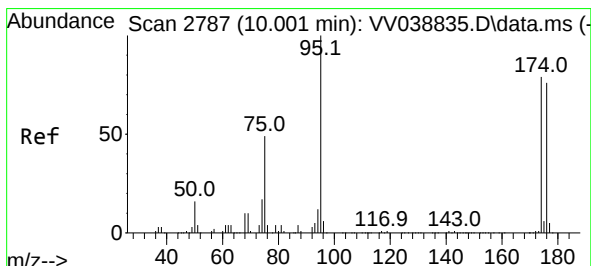
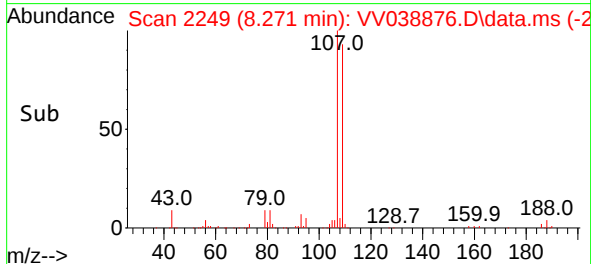
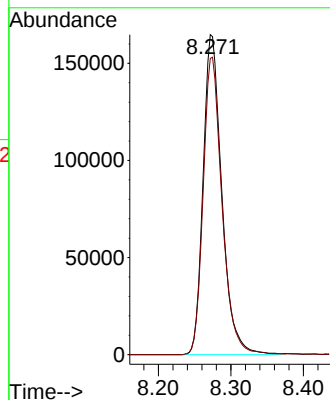
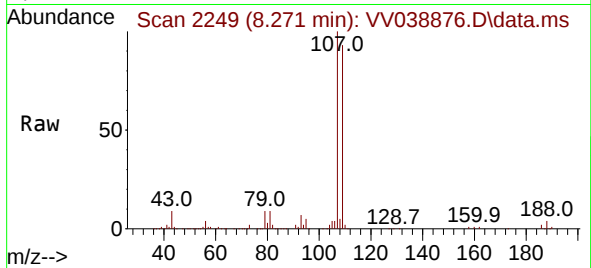




#61
1,2-Dibromoethane
Concen: 52.483 ug/l
RT: 8.271 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

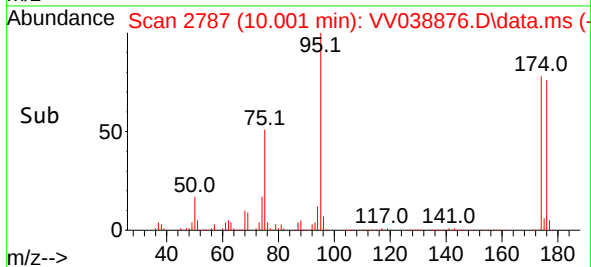
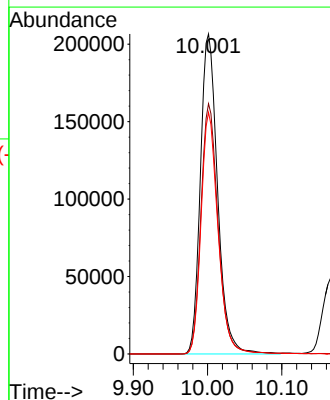
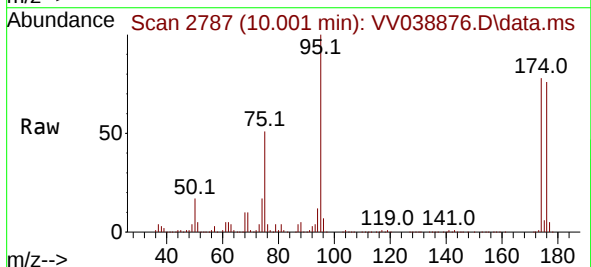
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

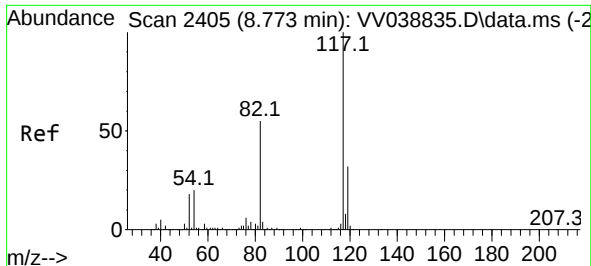
Tgt Ion:107 Resp: 295494
Ion Ratio Lower Upper
107 100
109 94.0 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 51.102 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. -0.000 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

Tgt Ion: 95 Resp: 332063
Ion Ratio Lower Upper
95 100
174 78.0 0.0 158.2
176 74.5 0.0 154.4

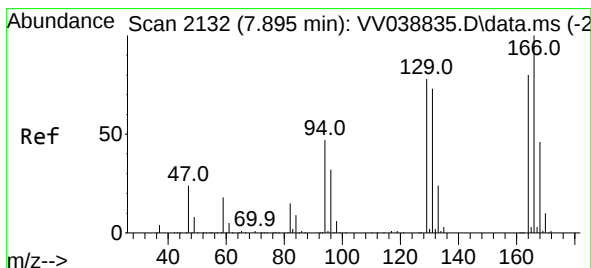
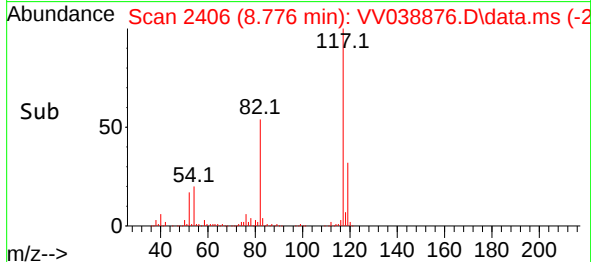
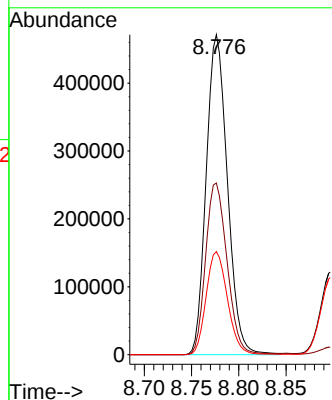
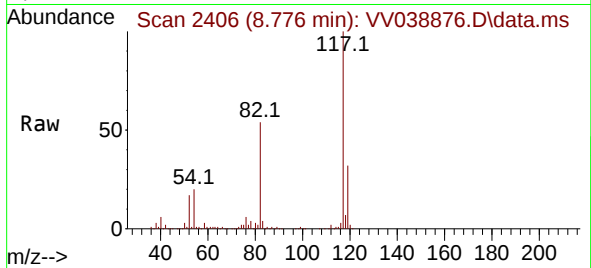




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

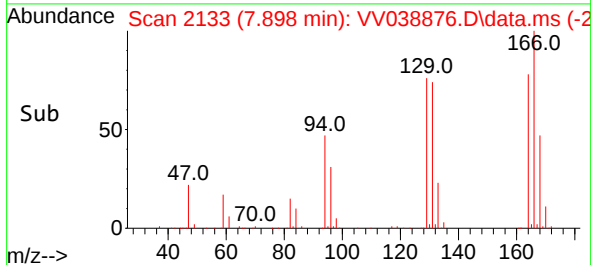
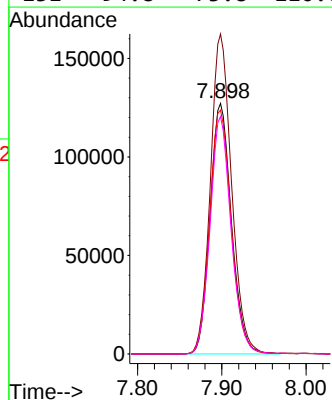
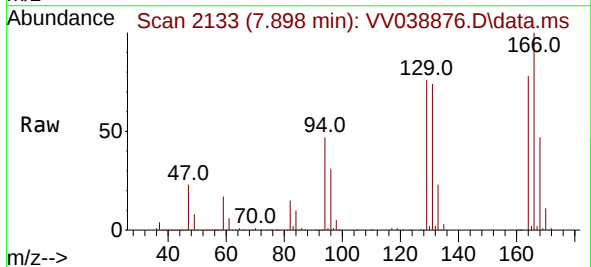
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

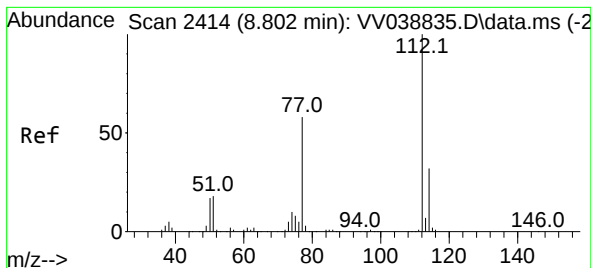
Tgt Ion:117 Resp: 735361
Ion Ratio Lower Upper
117 100
82 53.7 44.2 66.4
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 47.581 ug/l
RT: 7.898 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

Tgt Ion:164 Resp: 225002
Ion Ratio Lower Upper
164 100
166 127.7 100.6 151.0
129 97.3 78.4 117.6
131 94.8 73.8 110.6





#65

Chlorobenzene

Concen: 49.692 ug/l

RT: 8.805 min Scan# 2414

Delta R.T. 0.003 min

Lab File: VV038876.D

Acq: 07 Jul 2025 17:56

Instrument :

MSVOA_V

ClientSampleId :

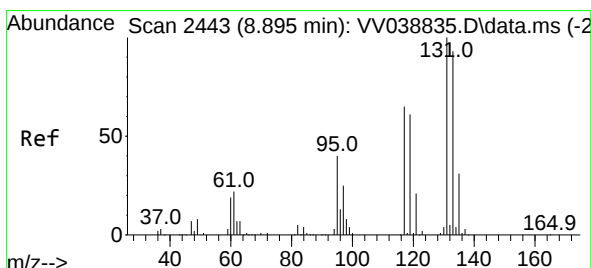
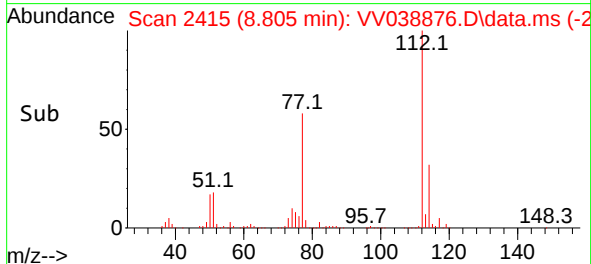
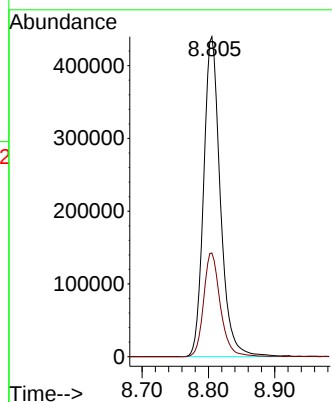
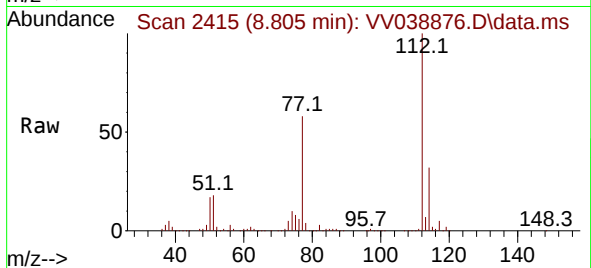
VSTDCCC050EC

Tgt Ion:112 Resp: 770086

Ion Ratio Lower Upper

112 100

114 32.4 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 51.326 ug/l

RT: 8.898 min Scan# 2444

Delta R.T. 0.003 min

Lab File: VV038876.D

Acq: 07 Jul 2025 17:56

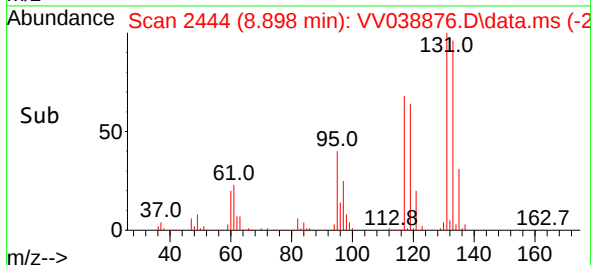
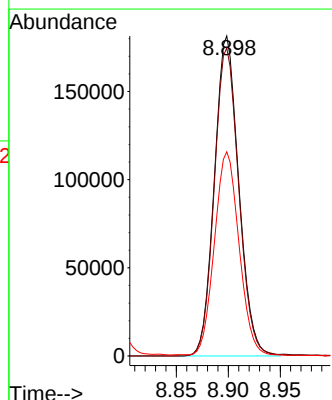
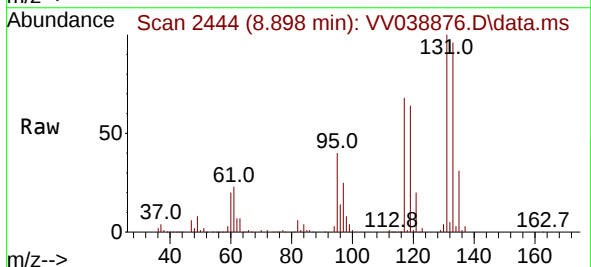
Tgt Ion:131 Resp: 297021

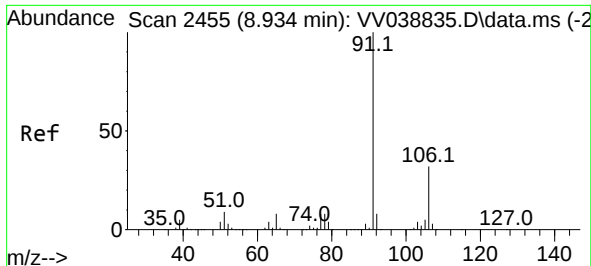
Ion Ratio Lower Upper

131 100

133 96.7 47.3 142.0

119 63.9 31.0 93.0





#67

Ethyl Benzene

Concen: 52.989 ug/l

RT: 8.937 min Scan# 2455

Delta R.T. 0.003 min

Lab File: VV038876.D

Acq: 07 Jul 2025 17:56

Instrument :

MSVOA_V

ClientSampleId :

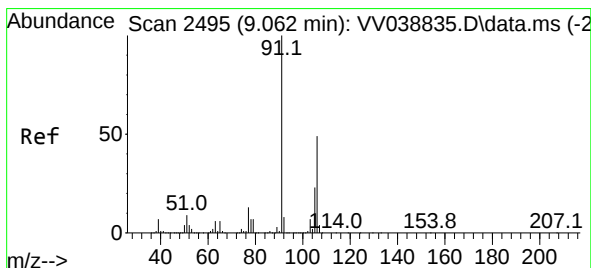
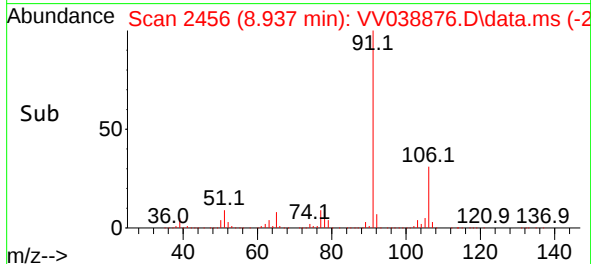
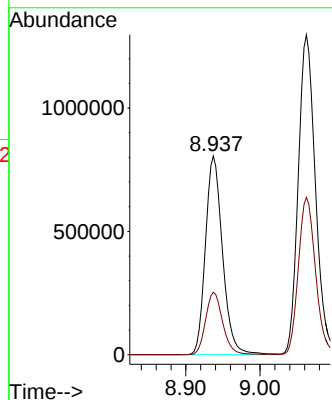
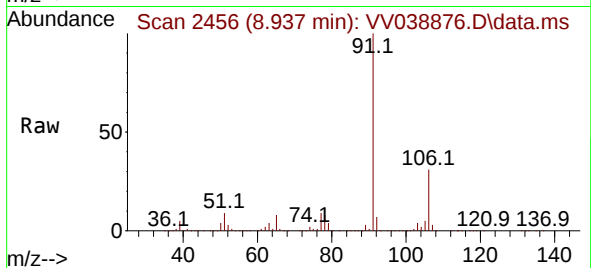
VSTDCCC050EC

Tgt Ion: 91 Resp: 1286593

Ion Ratio Lower Upper

91 100

106 31.4 25.2 37.8



#68

m/p-Xylenes

Concen: 110.749 ug/l

RT: 9.062 min Scan# 2495

Delta R.T. -0.000 min

Lab File: VV038876.D

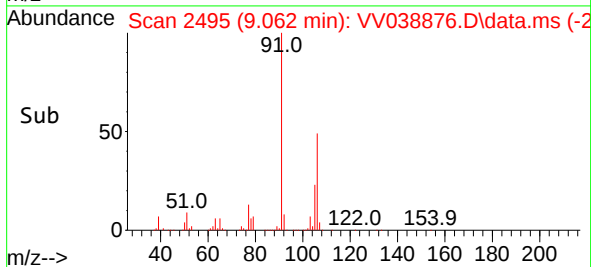
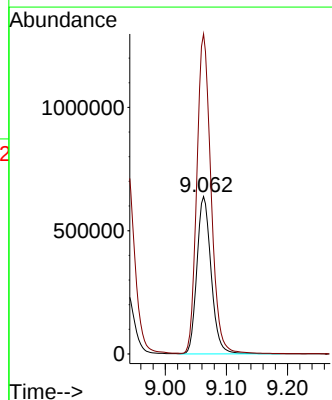
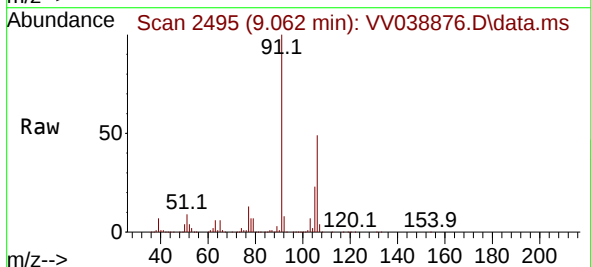
Acq: 07 Jul 2025 17:56

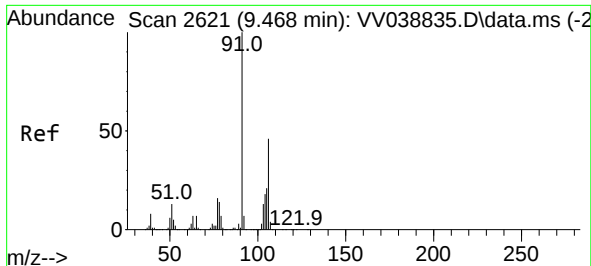
Tgt Ion:106 Resp: 1029961

Ion Ratio Lower Upper

106 100

91 203.5 162.9 244.3

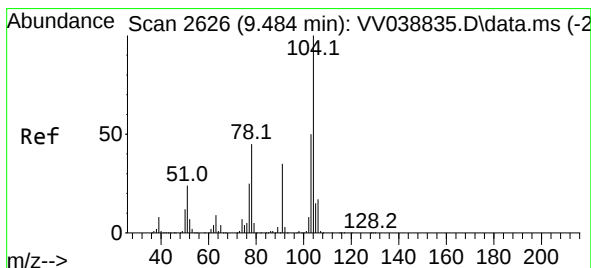
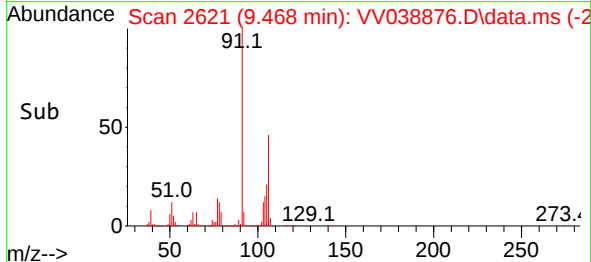
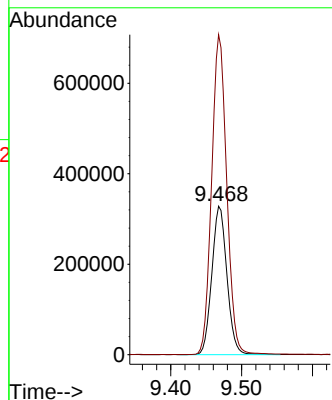
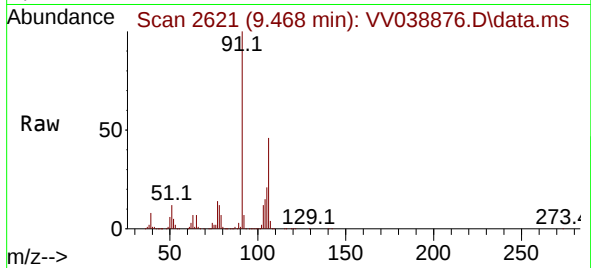




#69
o-Xylene
Concen: 54.739 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. -0.000 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

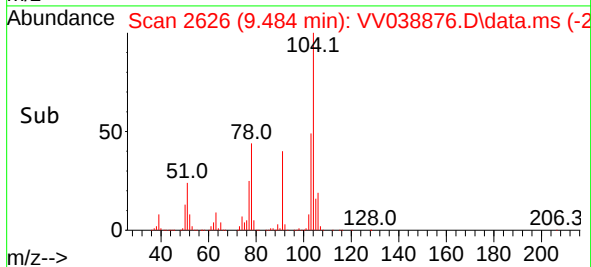
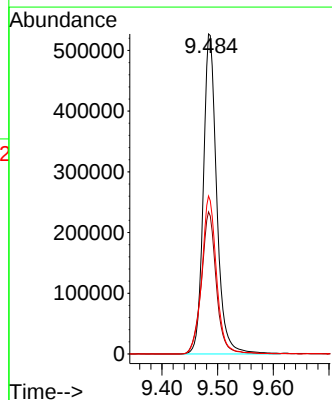
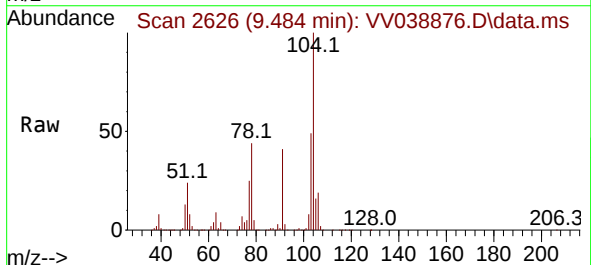
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

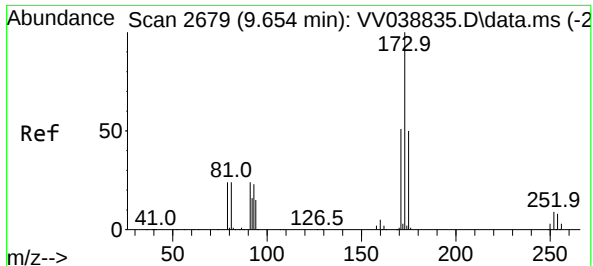
Tgt Ion:106 Resp: 486374
Ion Ratio Lower Upper
106 100
91 215.1 107.6 322.8



#70
Styrene
Concen: 56.997 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

Tgt Ion:104 Resp: 884213
Ion Ratio Lower Upper
104 100
78 49.3 39.9 59.9
103 53.9 43.4 65.0

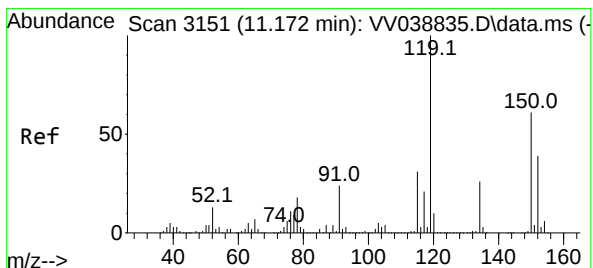
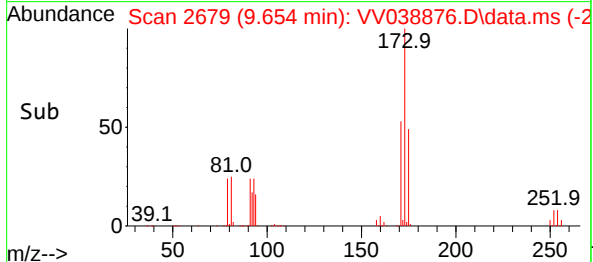
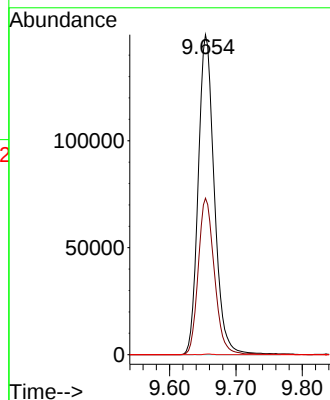
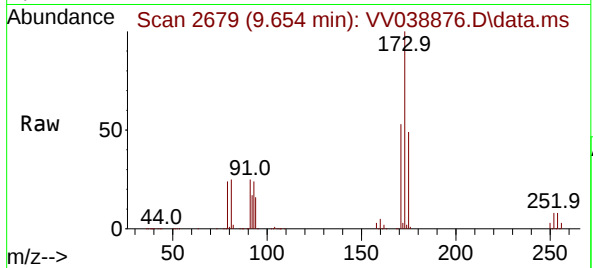




#71
Bromoform
Concen: 53.478 ug/l
RT: 9.654 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

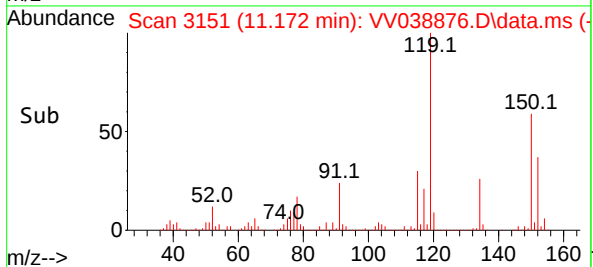
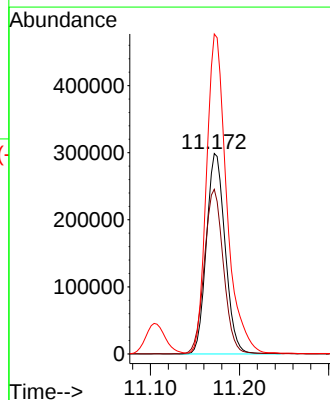
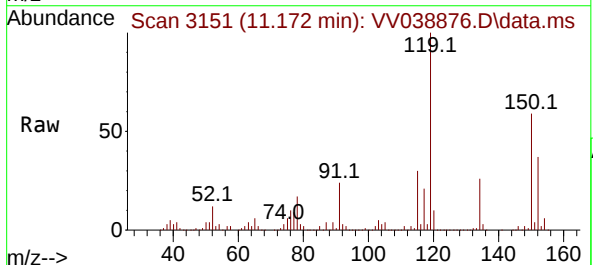
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

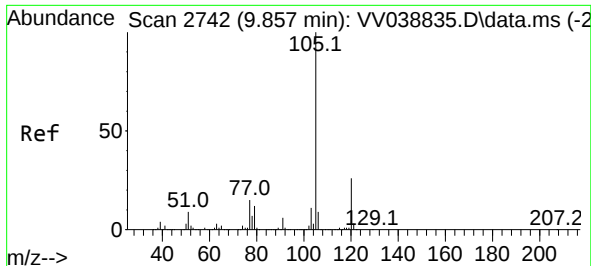
Tgt Ion:173 Resp: 251482
Ion Ratio Lower Upper
173 100
175 48.9 24.3 72.9
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

Tgt Ion:152 Resp: 435940
Ion Ratio Lower Upper
152 100
115 83.6 42.0 126.0
150 171.6 0.0 343.6

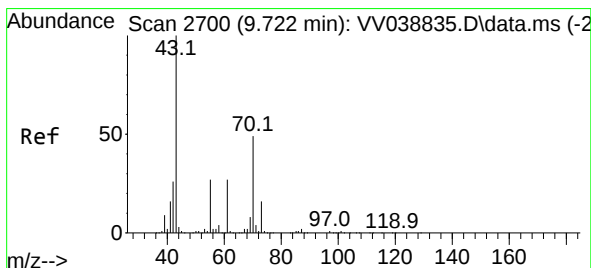
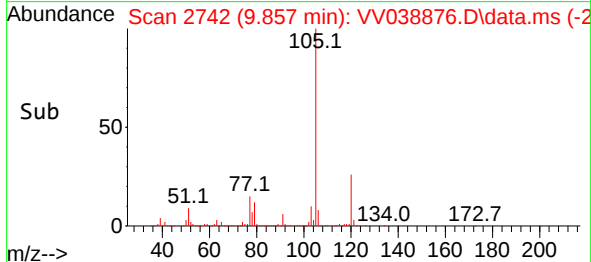
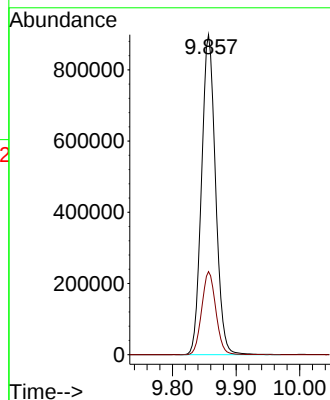
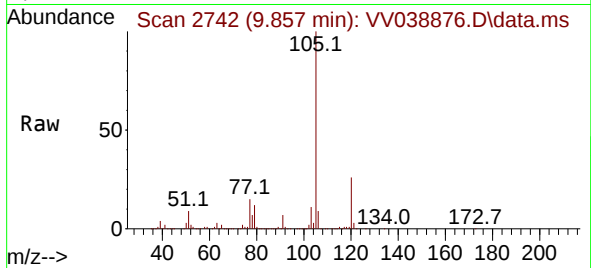




#73
Isopropylbenzene
Concen: 53.667 ug/l
RT: 9.857 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

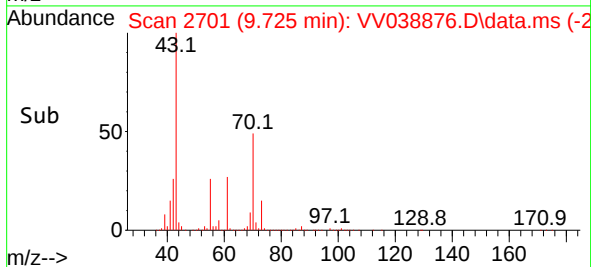
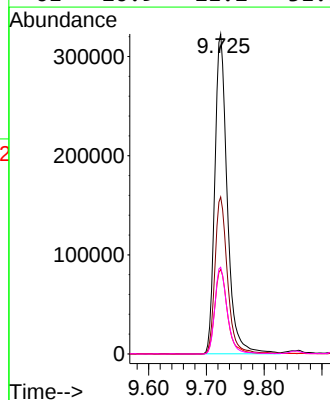
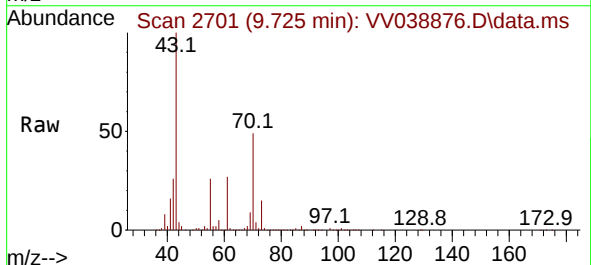
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

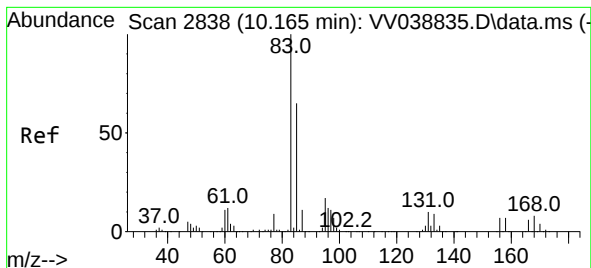
Tgt Ion:105 Resp: 1373026
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.3



#74
N-ethyl acetate
Concen: 54.130 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.003 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

Tgt Ion: 43 Resp: 484745
Ion Ratio Lower Upper
43 100
70 49.1 39.7 59.5
55 26.9 22.1 33.1
61 26.9 21.2 31.8

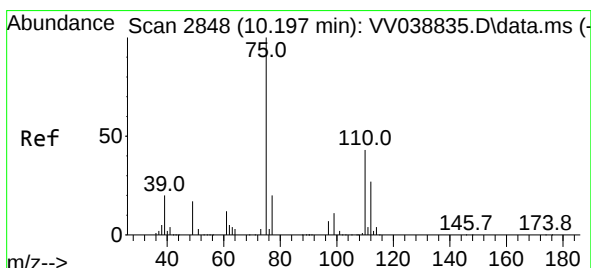
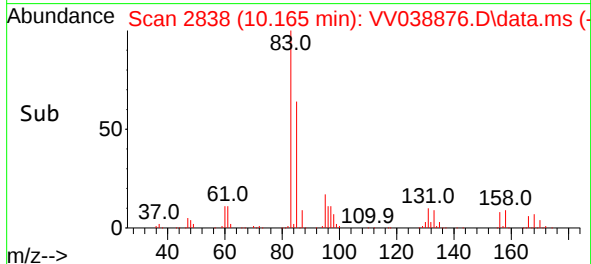
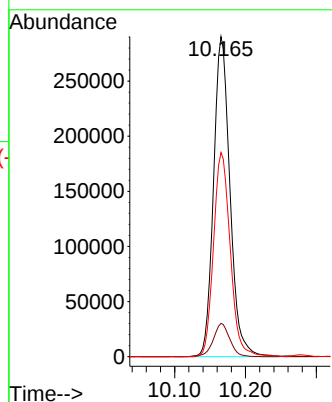
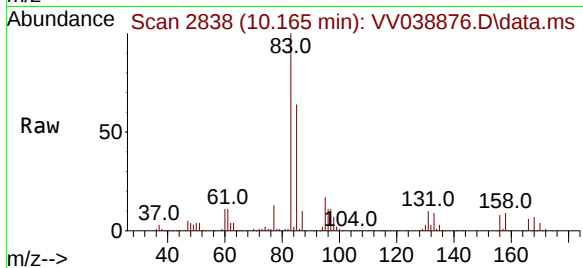




#75
1,1,2,2-Tetrachloroethane
Concen: 50.446 ug/l
RT: 10.165 min Scan# 2838
Delta R.T. -0.000 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

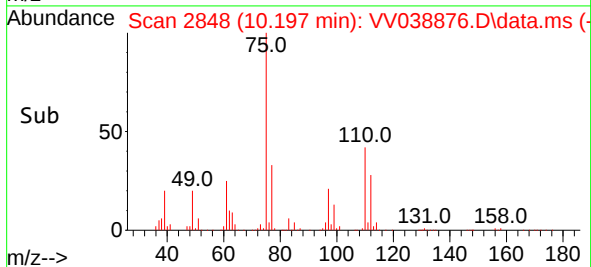
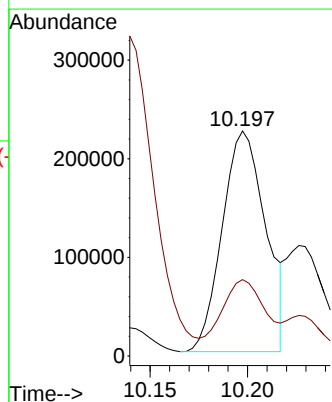
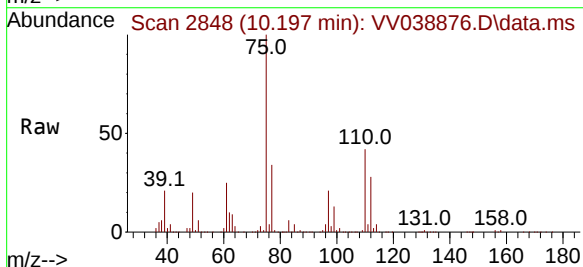
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

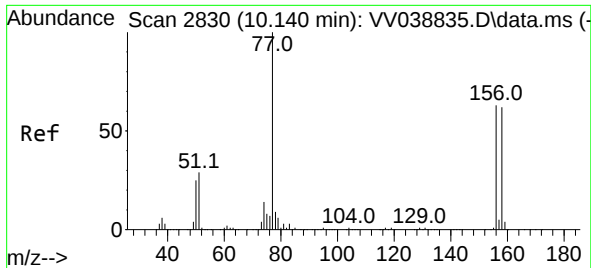
Tgt Ion: 83 Resp: 467881
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.3
85 64.9 31.6 95.0



#76
1,2,3-Trichloropropane
Concen: 51.453 ug/l
RT: 10.197 min Scan# 2848
Delta R.T. -0.000 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

Tgt Ion: 75 Resp: 347047
Ion Ratio Lower Upper
75 100
77 23.3 11.7 35.1

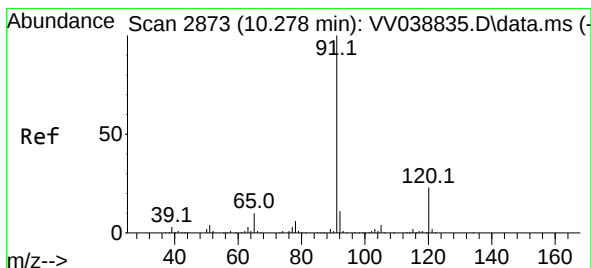
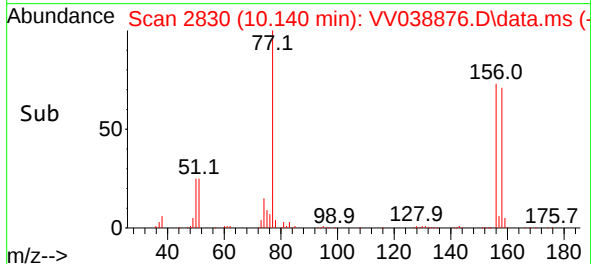
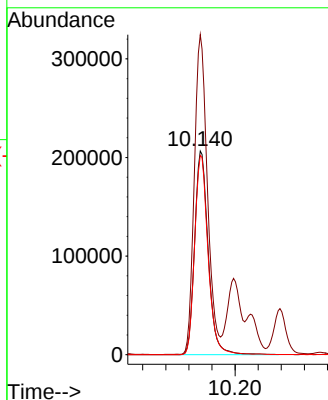
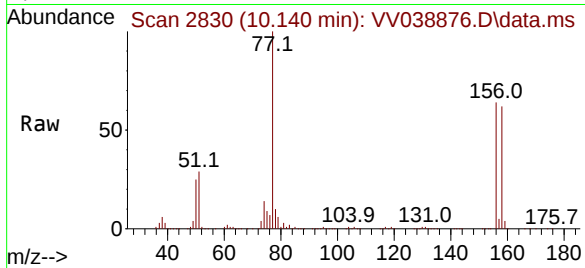




#77
Bromobenzene
Concen: 51.031 ug/l
RT: 10.140 min Scan# 2830
Delta R.T. -0.000 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

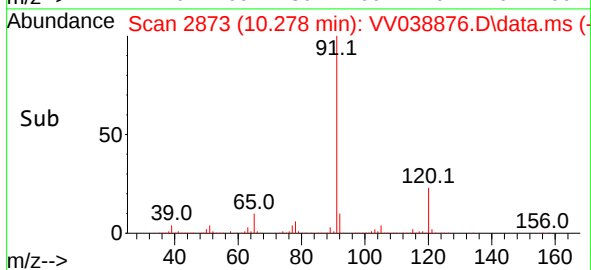
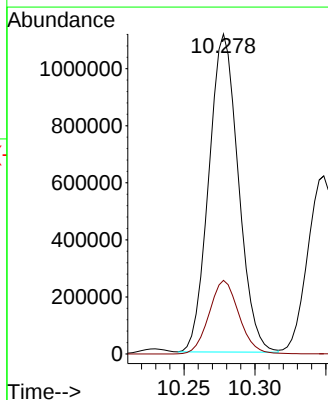
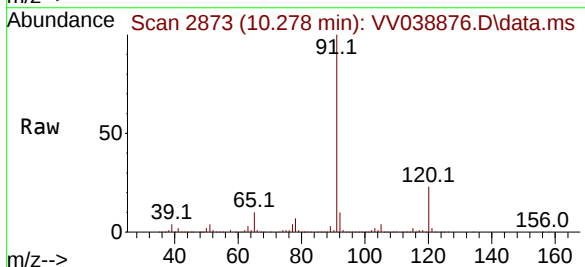
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

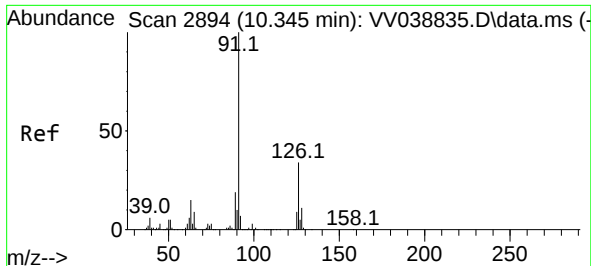
Tgt Ion:156 Resp: 336803
Ion Ratio Lower Upper
156 100
77 151.5 77.0 230.8
158 97.1 48.8 146.3



#78
n-propylbenzene
Concen: 53.120 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

Tgt Ion: 91 Resp: 1617330
Ion Ratio Lower Upper
91 100
120 23.4 11.7 35.0

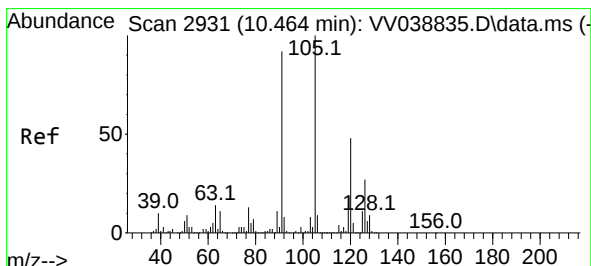
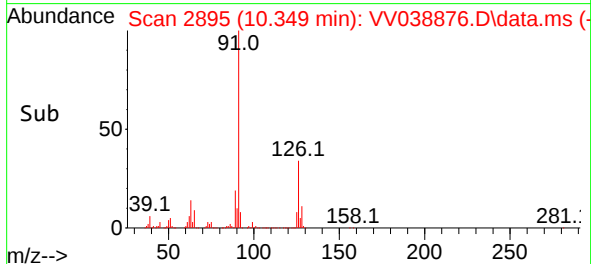
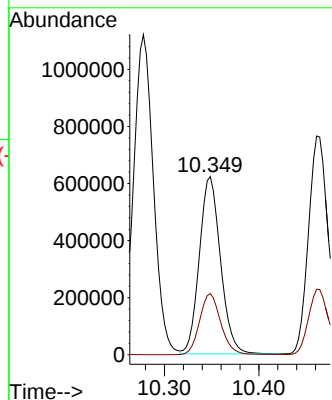
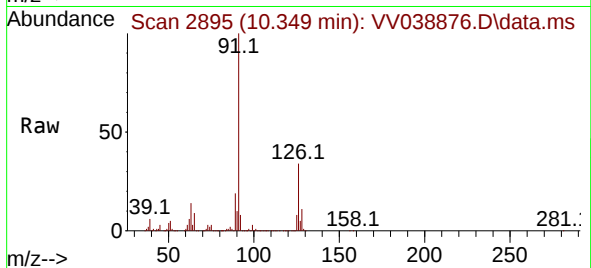




#79
2-Chlorotoluene
Concen: 52.195 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. 0.003 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

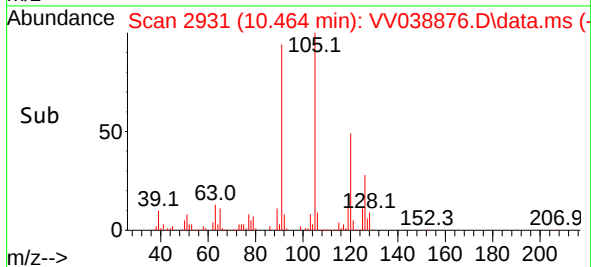
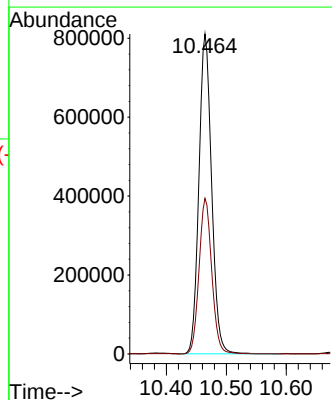
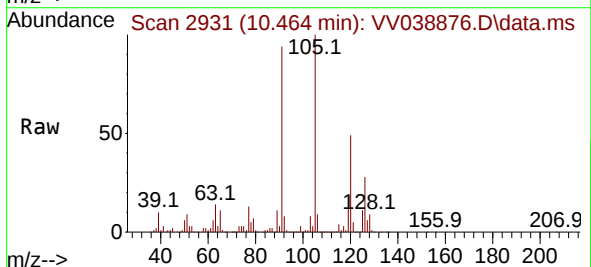
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

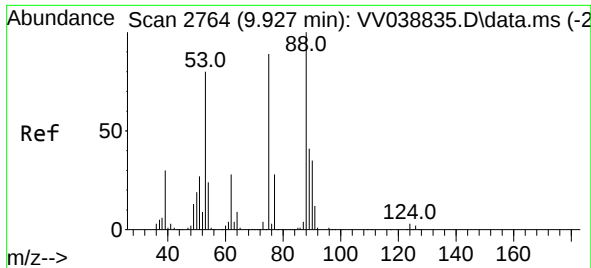
Tgt Ion: 91 Resp: 965114
Ion Ratio Lower Upper
91 100
126 34.5 17.1 51.3



#80
1,3,5-Trimethylbenzene
Concen: 54.587 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. -0.000 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

Tgt Ion:105 Resp: 1194106
Ion Ratio Lower Upper
105 100
120 48.8 23.9 71.7

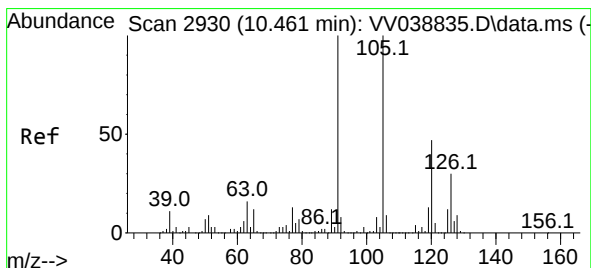
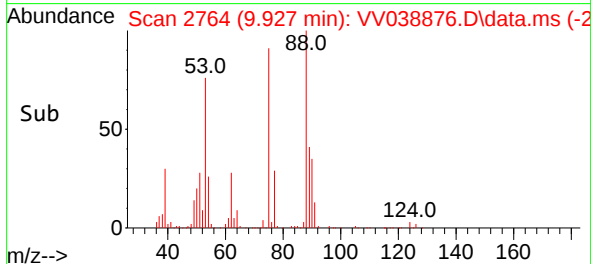
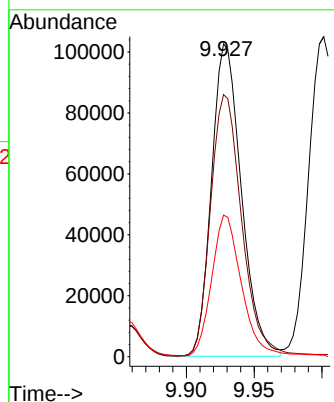
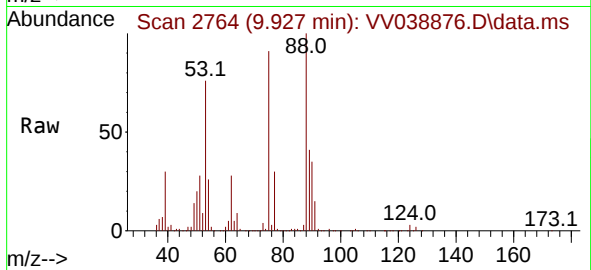




#81
trans-1,4-Dichloro-2-butene
Concen: 49.485 ug/l
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

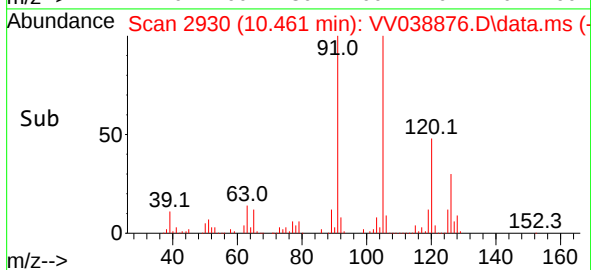
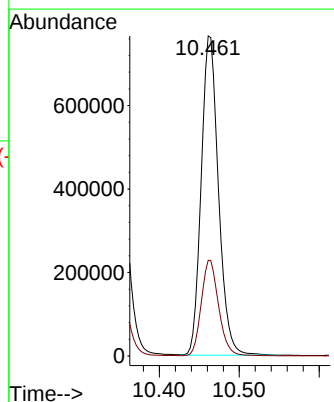
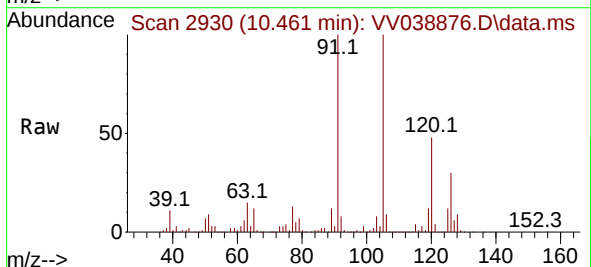
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

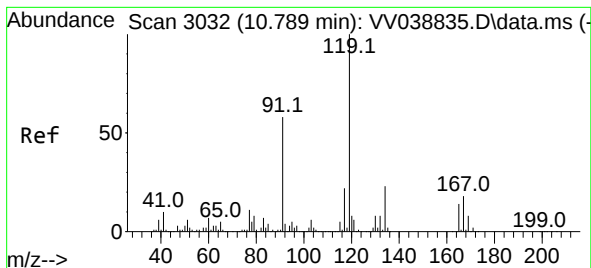
Tgt Ion: 75 Resp: 156803
Ion Ratio Lower Upper
75 100
53 87.8 71.2 106.8
89 46.0 44.6 66.8



#82
4-Chlorotoluene
Concen: 53.892 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. -0.000 min
Lab File: VV038876.D
Acq: 07 Jul 2025 17:56

Tgt Ion: 91 Resp: 1148791
Ion Ratio Lower Upper
91 100
126 30.0 14.8 44.3





#83

tert-Butylbenzene

Concen: 53.585 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV038876.D

Acq: 07 Jul 2025 17:56

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

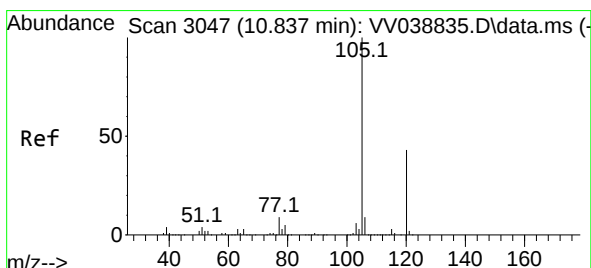
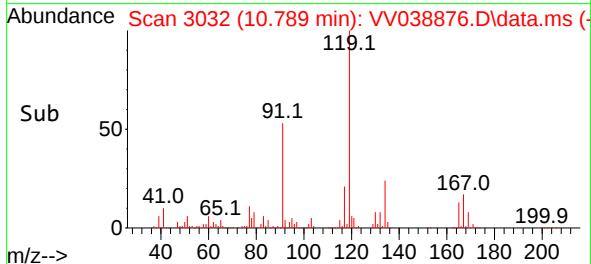
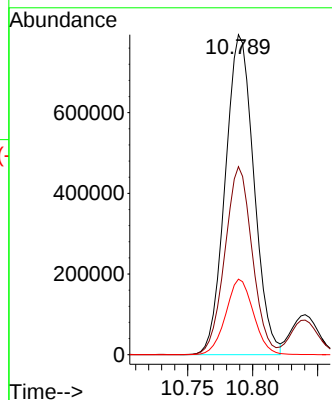
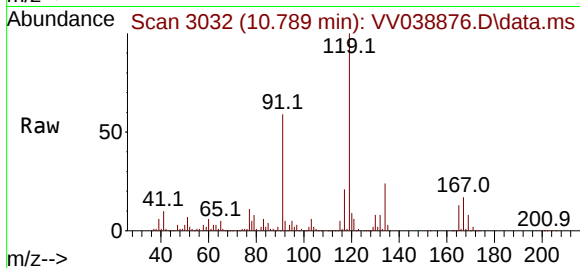
Tgt Ion:119 Resp: 1215745

Ion Ratio Lower Upper

119 100

91 56.1 28.5 85.5

134 22.9 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 55.548 ug/l

RT: 10.840 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV038876.D

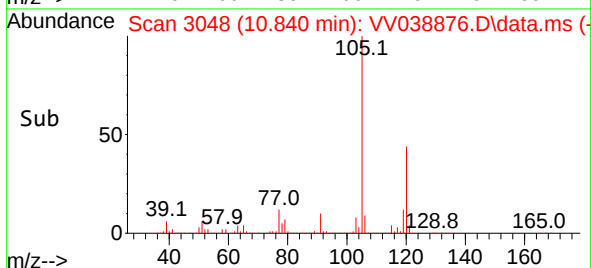
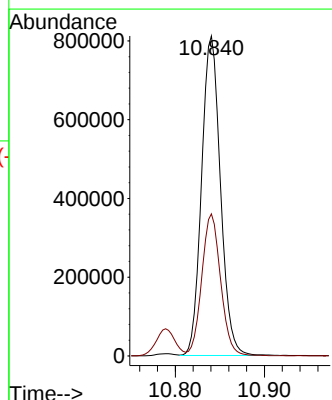
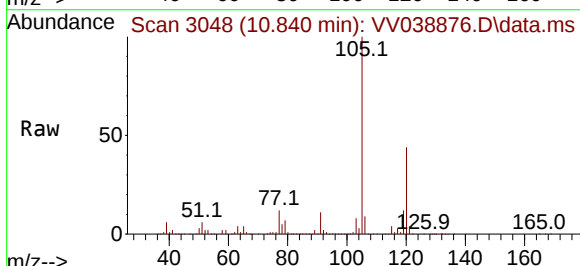
Acq: 07 Jul 2025 17:56

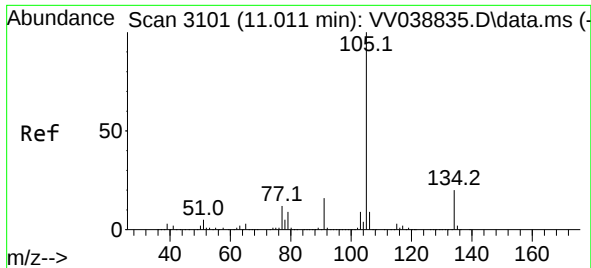
Tgt Ion:105 Resp: 1190978

Ion Ratio Lower Upper

105 100

120 44.5 22.7 68.0

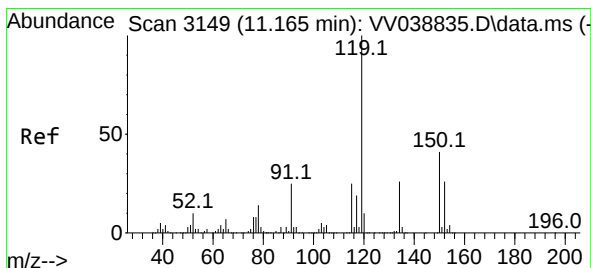
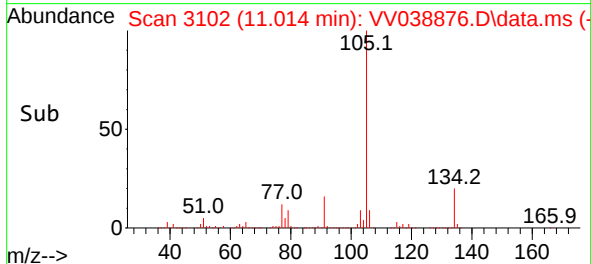
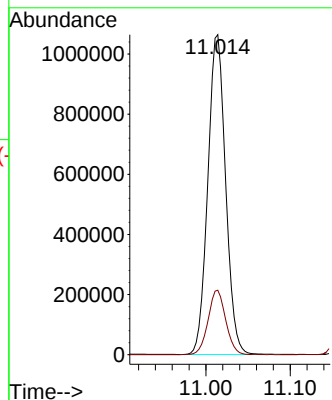
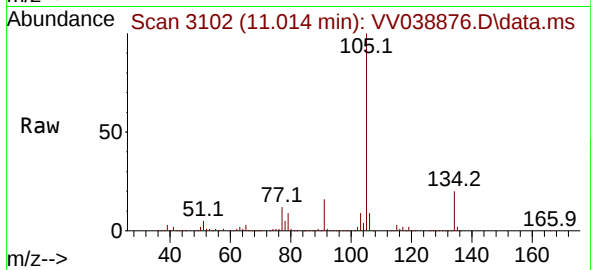




#85
 sec-Butylbenzene
 Concen: 54.135 ug/l
 RT: 11.014 min Scan# 3101
 Delta R.T. 0.003 min
 Lab File: VV038876.D
 Acq: 07 Jul 2025 17:56

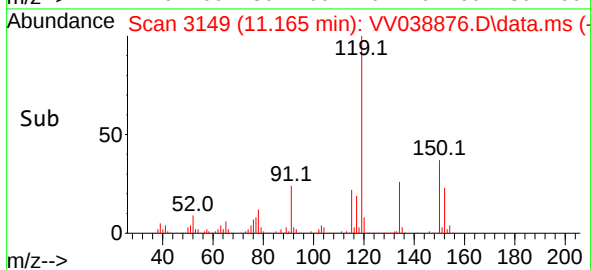
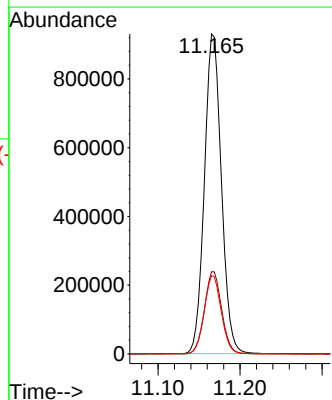
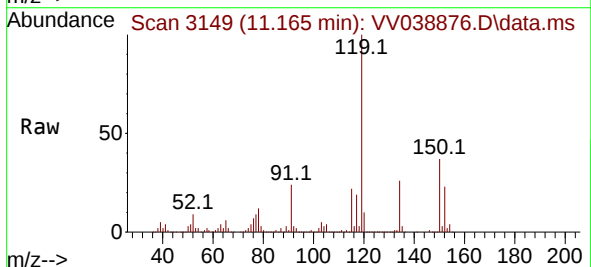
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

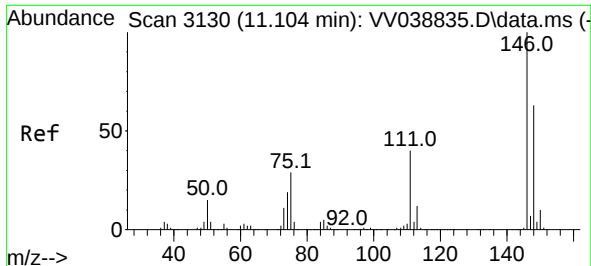
Tgt Ion:105 Resp: 1563654
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 54.101 ug/l
 RT: 11.165 min Scan# 3149
 Delta R.T. -0.000 min
 Lab File: VV038876.D
 Acq: 07 Jul 2025 17:56

Tgt Ion:119 Resp: 1339781
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 24.4 12.4 37.0

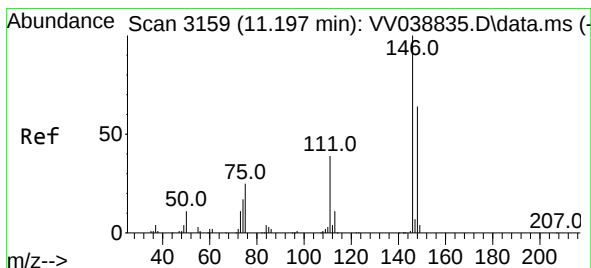
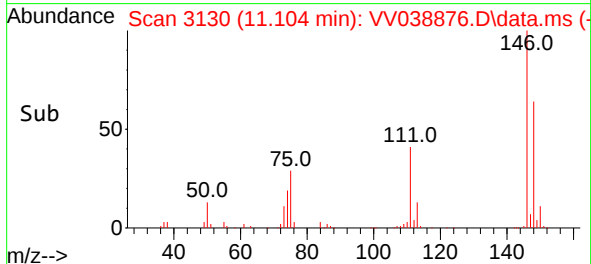
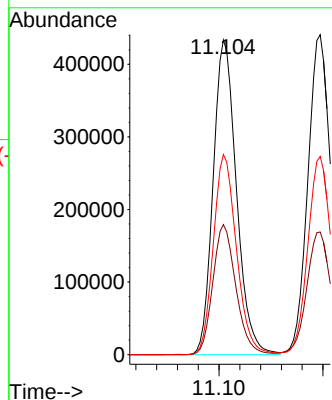
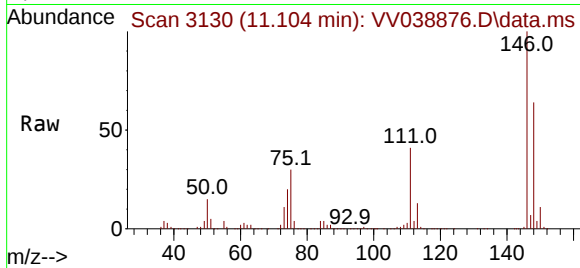




#87
 1,3-Dichlorobenzene
 Concen: 50.314 ug/l
 RT: 11.104 min Scan# 3130
 Delta R.T. -0.000 min
 Lab File: VV038876.D
 Acq: 07 Jul 2025 17:56

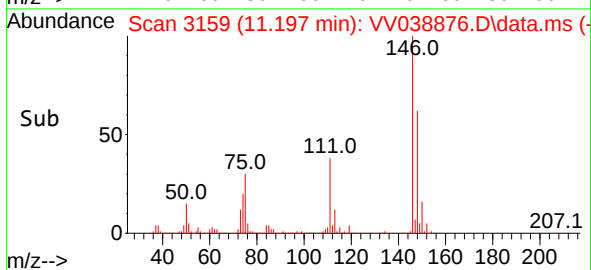
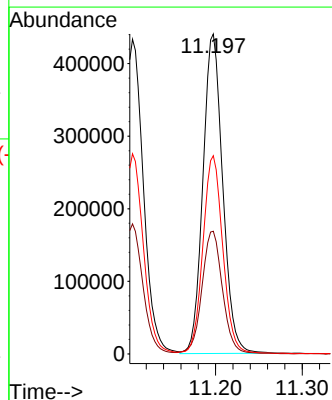
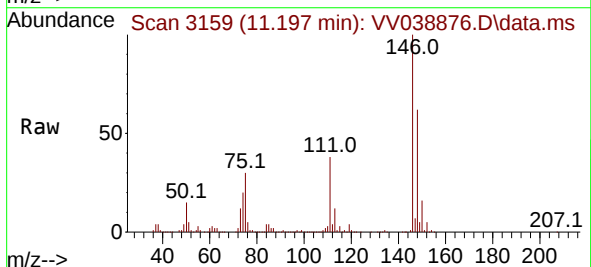
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

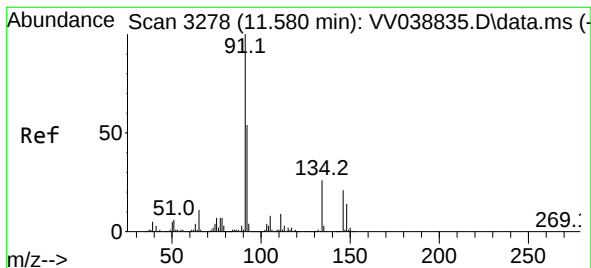
Tgt Ion:146 Resp: 675107
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.2 60.6
 148 63.2 31.3 93.8



#88
 1,4-Dichlorobenzene
 Concen: 49.333 ug/l
 RT: 11.197 min Scan# 3159
 Delta R.T. -0.000 min
 Lab File: VV038876.D
 Acq: 07 Jul 2025 17:56

Tgt Ion:146 Resp: 697490
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.8 59.3
 148 62.6 32.0 96.2





#89

n-Butylbenzene

Concen: 54.146 ug/l

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV038876.D

Acq: 07 Jul 2025 17:56

Instrument :

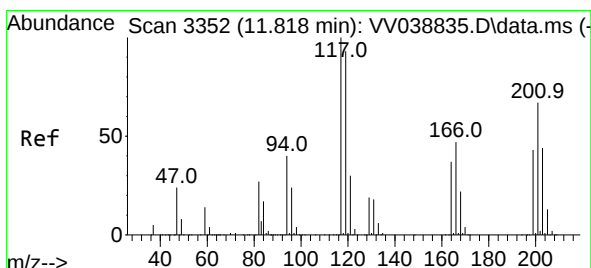
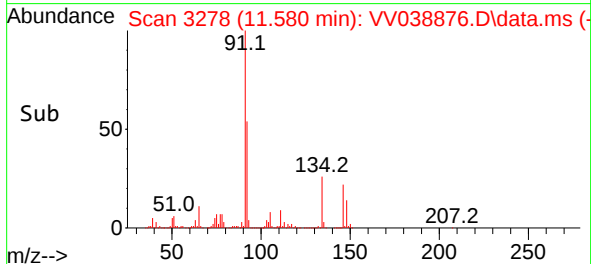
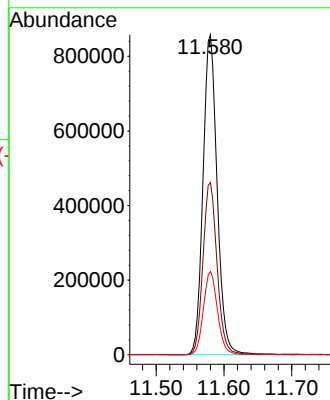
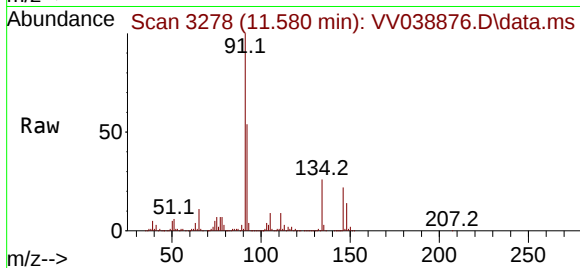
MSVOA_V

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 1242722

Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.7	80.0
134	25.9	12.9	38.7



#90

Hexachloroethane

Concen: 49.800 ug/l

RT: 11.821 min Scan# 3353

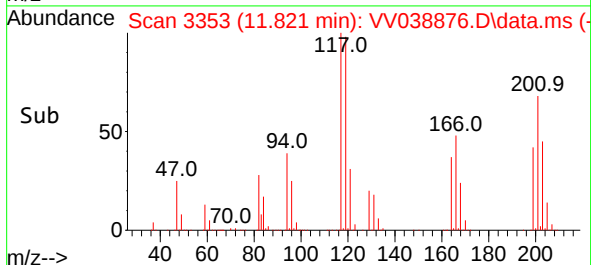
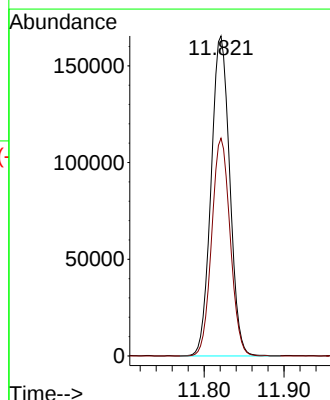
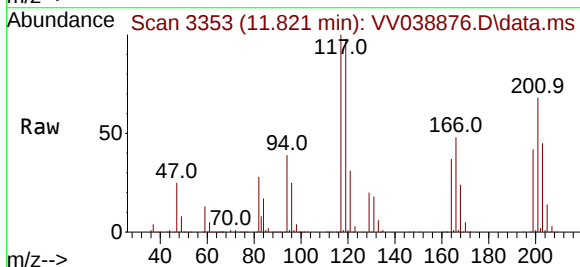
Delta R.T. 0.003 min

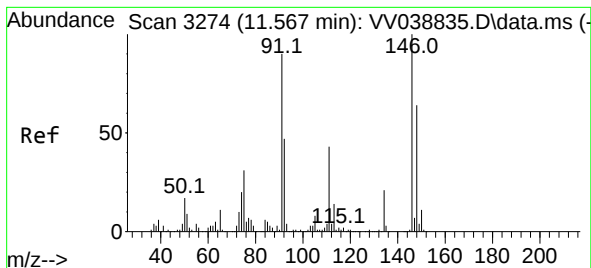
Lab File: VV038876.D

Acq: 07 Jul 2025 17:56

Tgt Ion: 117 Resp: 267707

Ion	Ratio	Lower	Upper
117	100		
201	67.4	34.4	103.1





#91

1,2-Dichlorobenzene

Concen: 51.359 ug/l

RT: 11.567 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV038876.D

Acq: 07 Jul 2025 17:56

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

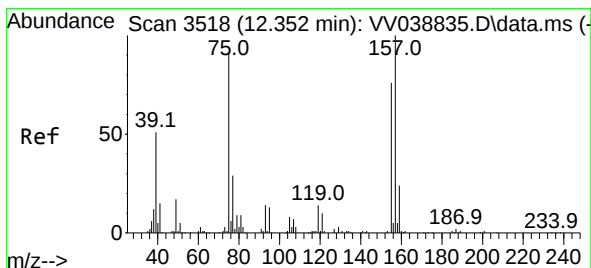
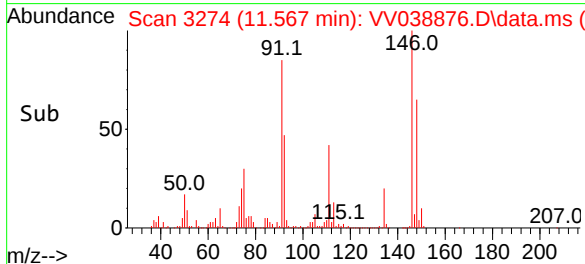
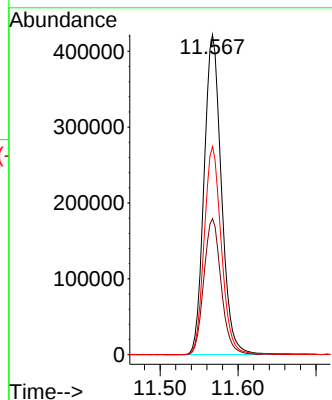
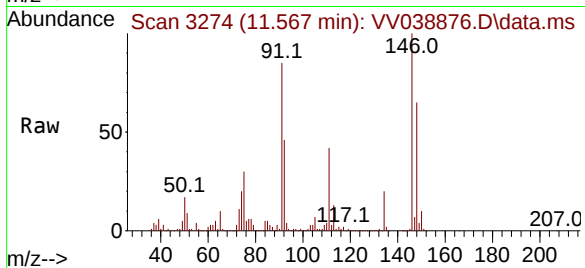
Tgt Ion:146 Resp: 649545

Ion Ratio Lower Upper

146 100

111 42.4 21.3 63.7

148 64.9 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.334 ug/l

RT: 12.352 min Scan# 3518

Delta R.T. -0.000 min

Lab File: VV038876.D

Acq: 07 Jul 2025 17:56

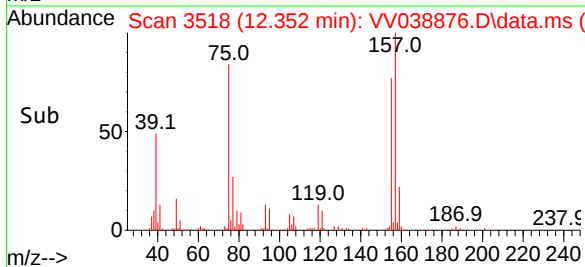
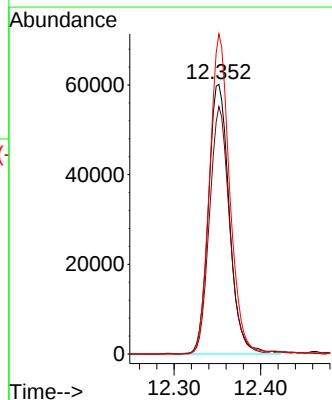
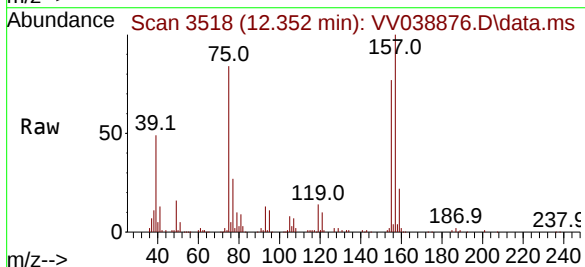
Tgt Ion: 75 Resp: 100804

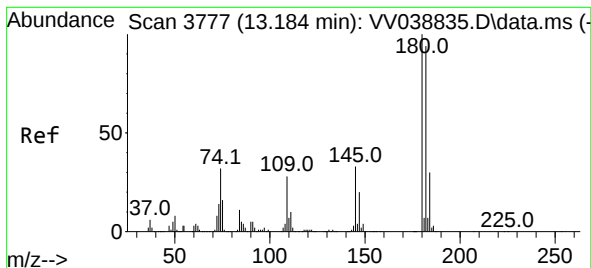
Ion Ratio Lower Upper

75 100

155 88.4 43.2 129.6

157 114.3 54.9 164.5





#93

1,2,4-Trichlorobenzene

Concen: 52.014 ug/l

RT: 13.184 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV038876.D

Acq: 07 Jul 2025 17:56

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

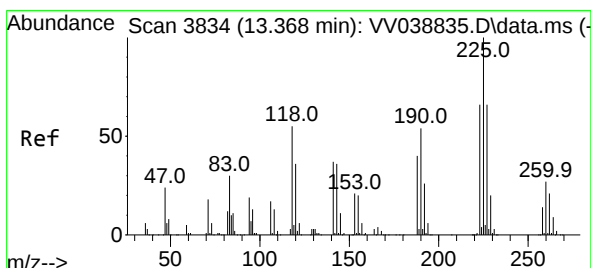
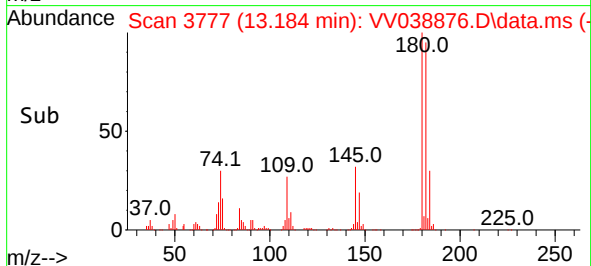
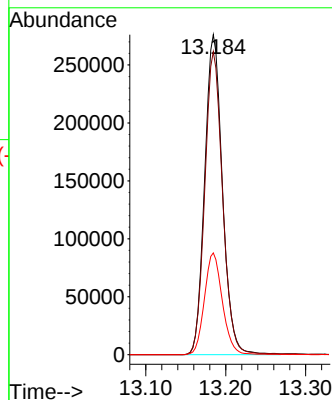
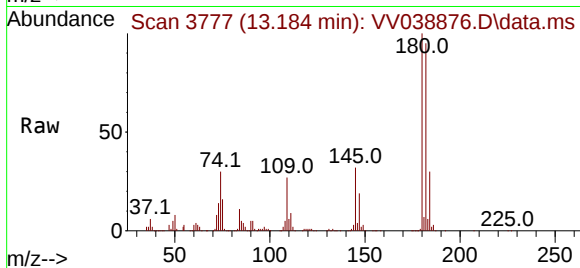
Tgt Ion:180 Resp: 426393

Ion Ratio Lower Upper

180 100

182 94.9 47.6 142.8

145 32.2 16.4 49.1



#94

Hexachlorobutadiene

Concen: 48.565 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV038876.D

Acq: 07 Jul 2025 17:56

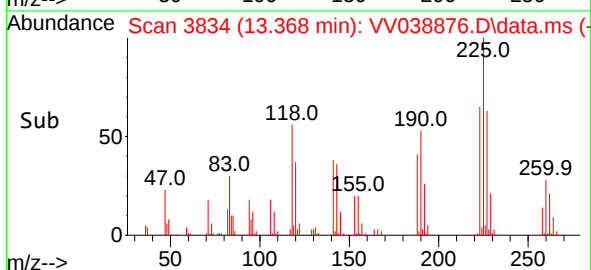
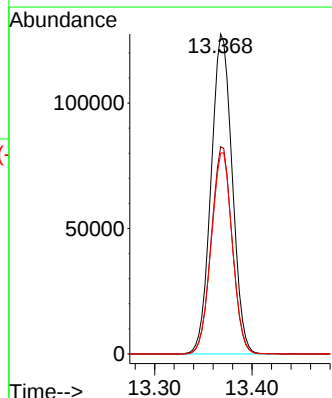
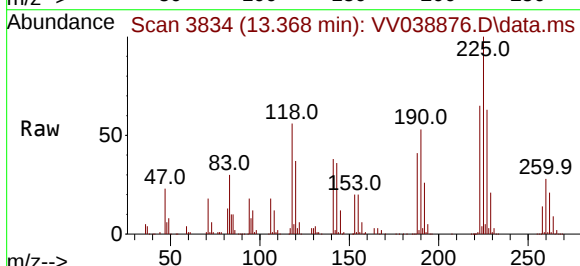
Tgt Ion:225 Resp: 192124

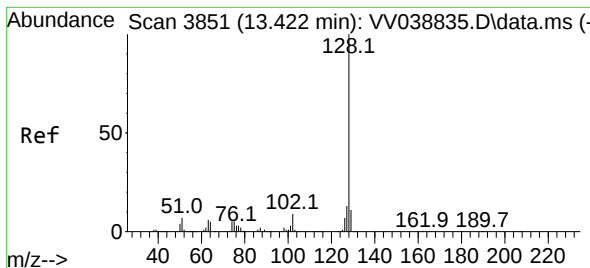
Ion Ratio Lower Upper

225 100

223 63.9 33.2 99.6

227 62.8 32.3 96.8





#95

Naphthalene

Concen: 55.634 ug/l

RT: 13.422 min Scan# 3851

Delta R.T. -0.000 min

Lab File: VV038876.D

Acq: 07 Jul 2025 17:56

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

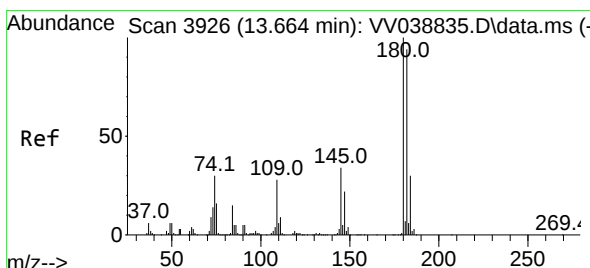
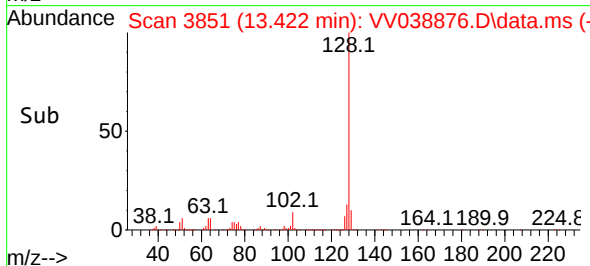
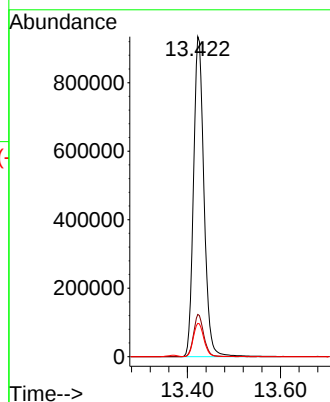
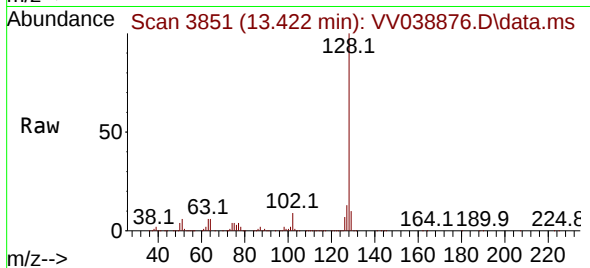
Tgt Ion:128 Resp: 1450893

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 10.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 52.443 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. 0.003 min

Lab File: VV038876.D

Acq: 07 Jul 2025 17:56

Tgt Ion:180 Resp: 443664

Ion Ratio Lower Upper

180 100

182 94.2 47.3 141.9

145 34.6 17.1 51.2

