

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW071125\
 Data File : VW038882.D
 Acq On : 11 Jul 2025 09:34
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 14 06:09:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 14 06:07:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	470444	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	724413	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	694917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	419841	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	259481	45.143	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	90.280%
35) Dibromofluoromethane	4.500	113	236811	47.947	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	95.900%
50) Toluene-d8	7.236	98	726218	48.644	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	97.280%
62) 4-Bromofluorobenzene	10.001	95	310159	51.572	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	103.140%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	183055	44.285	ug/l	100
3) Chloromethane	1.230	50	186593	41.802	ug/l	100
4) Vinyl Chloride	1.297	62	212849	41.662	ug/l	100
5) Bromomethane	1.487	94	157590	54.285	ug/l	100
6) Chloroethane	1.555	64	148263	43.418	ug/l	100
7) Trichlorofluoromethane	1.722	101	407677	45.100	ug/l	100
8) Diethyl Ether	1.918	74	146503	45.068	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.079	101	247158	45.727	ug/l	100
10) Methyl Iodide	2.195	142	306899	49.457	ug/l	100
11) Tert butyl alcohol	2.571	59	311352	235.277	ug/l	100
12) 1,1-Dichloroethene	2.082	96	214287	43.510	ug/l	100
13) Acrolein	2.011	56	47192	246.598	ug/l	100
14) Allyl chloride	2.355	41	351094	44.747	ug/l	100
15) Acrylonitrile	2.674	53	776925	229.422	ug/l	100
16) Acetone	2.117	43	606658	243.903	ug/l	100
17) Carbon Disulfide	2.252	76	388876	49.387	ug/l	100
18) Methyl Acetate	2.378	43	426460	50.676	ug/l	100
19) Methyl tert-butyl Ether	2.709	73	866074	46.902	ug/l	100
20) Methylene Chloride	2.455	84	265243	42.035	ug/l	100
21) trans-1,2-Dichloroethene	2.703	96	224599	42.861	ug/l	100
22) Diisopropyl ether	3.214	45	779071	49.693	ug/l	100
23) Vinyl Acetate	3.188	43	3019624	245.641	ug/l	100
24) 1,1-Dichloroethane	3.117	63	472119	45.983	ug/l	100
25) 2-Butanone	3.863	43	900216	252.810	ug/l	100
26) 2,2-Dichloropropane	3.809	77	426109	47.402	ug/l	100
27) cis-1,2-Dichloroethene	3.818	96	280393	46.598	ug/l	100
28) Bromochloromethane	4.146	49	198103	49.846	ug/l	100
29) Tetrahydrofuran	4.236	42	585599	249.227	ug/l	100
30) Chloroform	4.278	83	520498	45.982	ug/l	100
31) Cyclohexane	4.580	56	294056	43.634	ug/l	100
32) 1,1,1-Trichloroethane	4.513	97	448382	45.399	ug/l	100
36) 1,1-Dichloropropene	4.744	75	285529	50.303	ug/l	100
37) Ethyl Acetate	3.973	43	345412	51.684	ug/l	100
38) Carbon Tetrachloride	4.735	117	368458	48.868	ug/l	100
39) Methylcyclohexane	6.046	83	328636	49.068	ug/l	100
40) Benzene	5.008	78	961859	49.987	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.156	41	169419	55.941	ug/l	100
42) 1,2-Dichloroethane	5.037	62	357850	48.790	ug/l	100
43) Isopropyl Acetate	5.191	43	541554	51.237	ug/l	100
44) Trichloroethene	5.831	130	237137	47.162	ug/l	100
45) 1,2-Dichloropropane	6.088	63	254830	50.134	ug/l	100
46) Dibromomethane	6.223	93	193680	49.247	ug/l	100
47) Bromodichloromethane	6.426	83	422693	50.643	ug/l	100
48) Methyl methacrylate	6.294	41	252821	54.620	ug/l	100
49) 1,4-Dioxane	6.284	88	108156	1088.715	ug/l	100
51) 4-Methyl-2-Pentanone	7.146	43	1954022	271.506	ug/l	100
52) Toluene	7.307	92	631518	52.097	ug/l	100
53) t-1,3-Dichloropropene	7.574	75	395999	52.434	ug/l	100
54) cis-1,3-Dichloropropene	6.947	75	418423	51.252	ug/l	100
55) 1,1,2-Trichloroethane	7.760	97	289941	50.041	ug/l	100
56) Ethyl methacrylate	7.715	69	397681	57.758	ug/l	100
57) 1,3-Dichloropropane	7.934	76	446704	51.418	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.812	63	1277093	253.426	ug/l	100
59) 2-Hexanone	8.062	43	1451210	270.875	ug/l	100
60) Dibromochloromethane	8.165	129	342748	50.233	ug/l	100
61) 1,2-Dibromoethane	8.271	107	292058	50.034	ug/l	100
64) Tetrachloroethene	7.895	164	210893	46.274	ug/l	100
65) Chlorobenzene	8.805	112	745801	49.117	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.898	131	293379	48.449	ug/l	100
67) Ethyl Benzene	8.937	91	1223426	54.262	ug/l	100
68) m/p-Xylenes	9.062	106	988067	112.560	ug/l	100
69) o-Xylene	9.468	106	456295	55.073	ug/l	100
70) Styrene	9.484	104	846023	57.775	ug/l	100
71) Bromoform	9.654	173	253726	51.549	ug/l #	100
73) Isopropylbenzene	9.857	105	1326446	52.876	ug/l	100
74) N-amyl acetate	9.725	43	494380	53.799	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.165	83	491601	46.785	ug/l	100
76) 1,2,3-Trichloropropane	10.197	75	368830	47.250	ug/l	100
77) Bromobenzene	10.140	156	325336	49.439	ug/l	100
78) n-propylbenzene	10.278	91	1565597	53.398	ug/l	100
79) 2-Chlorotoluene	10.349	91	945667	50.717	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	1151335	54.424	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.927	75	160233	50.093	ug/l	100
82) 4-Chlorotoluene	10.461	91	1110629	53.285	ug/l	100
83) tert-Butylbenzene	10.789	119	1167729	52.648	ug/l	100
84) 1,2,4-Trimethylbenzene	10.837	105	1149690	55.231	ug/l	100
85) sec-Butylbenzene	11.011	105	1512487	53.430	ug/l	100
86) p-Isopropyltoluene	11.165	119	1284253	53.435	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	657737	48.968	ug/l	100
88) 1,4-Dichlorobenzene	11.197	146	674282	46.148	ug/l	100
89) n-Butylbenzene	11.580	91	1208036	55.059	ug/l	100
90) Hexachloroethane	11.821	117	260560	45.581	ug/l	100
91) 1,2-Dichlorobenzene	11.567	146	633592	48.592	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.348	75	115343	48.553	ug/l	100
93) 1,2,4-Trichlorobenzene	13.184	180	411760	53.498	ug/l	100
94) Hexachlorobutadiene	13.368	225	190388	48.033	ug/l	100
95) Naphthalene	13.422	128	1449456	56.909	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	438350	54.946	ug/l	100

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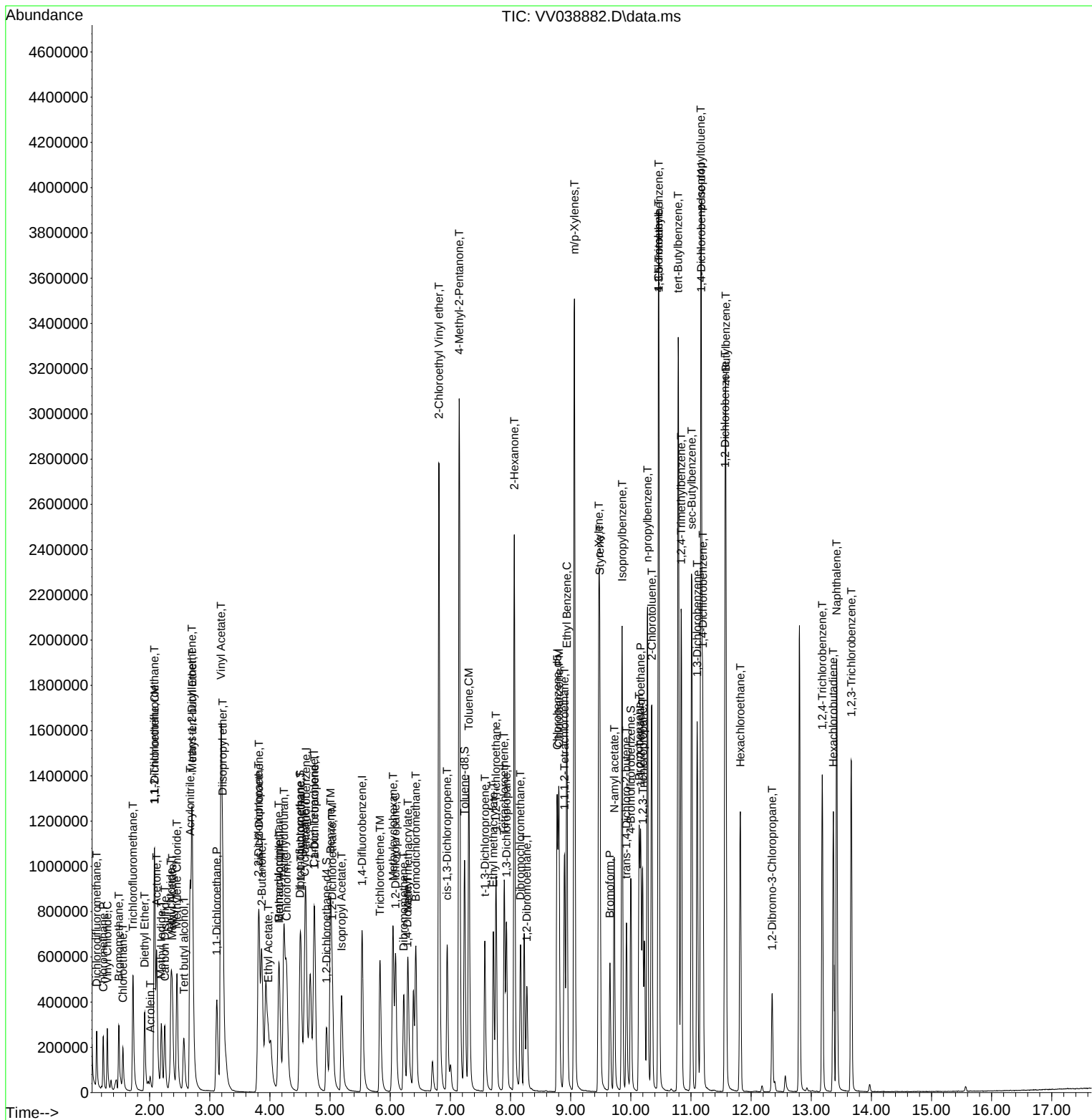
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MSVOA_V
ClientSampleId :

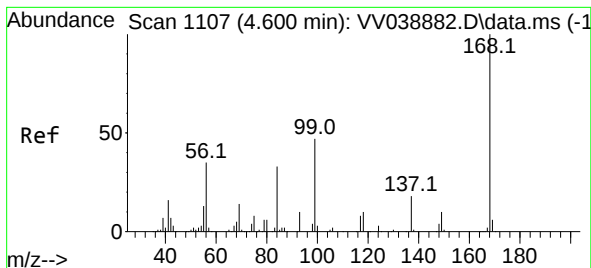
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV038882.D

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Instrument :

MSVOA_V

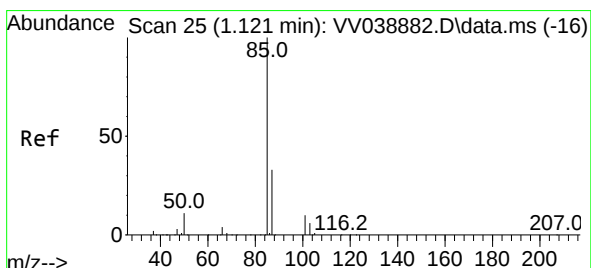
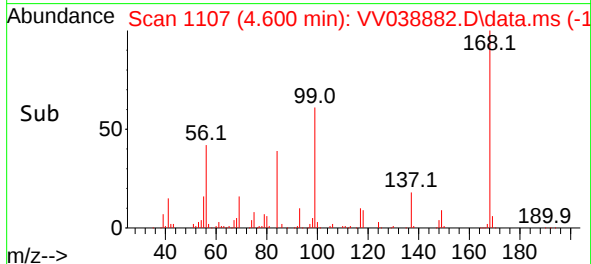
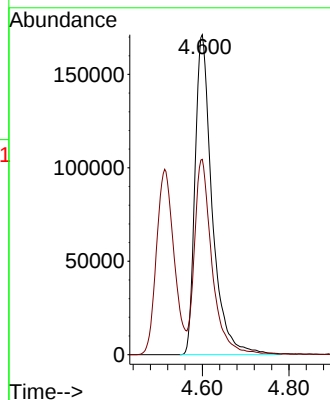
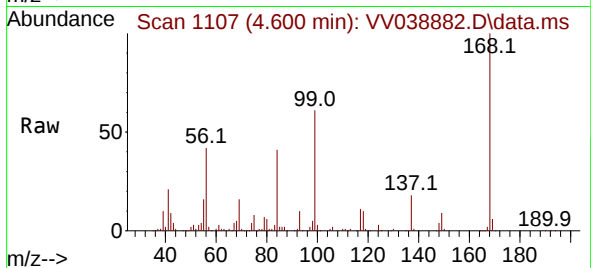
ClientSampleId :

Tgt Ion:168 Resp: 470444

Ion Ratio Lower Upper

168 100

99 60.8 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 44.285 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.000 min

Lab File: VV038882.D

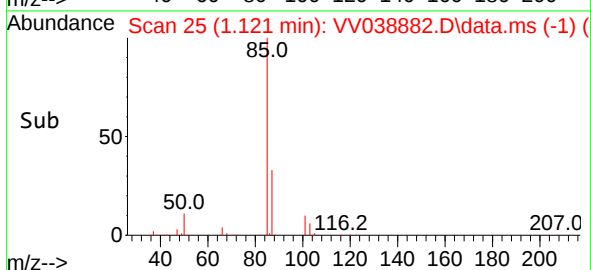
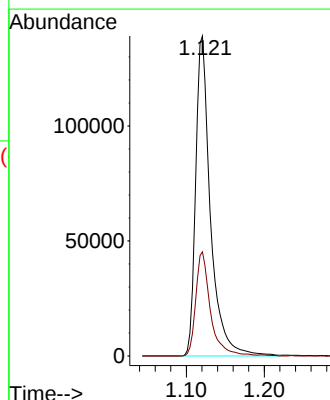
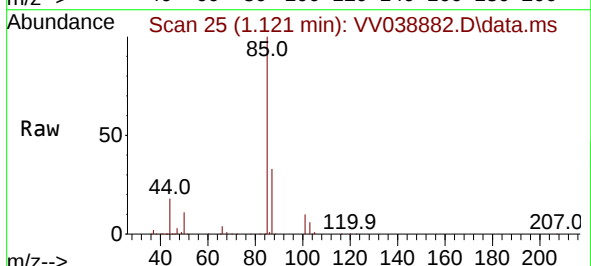
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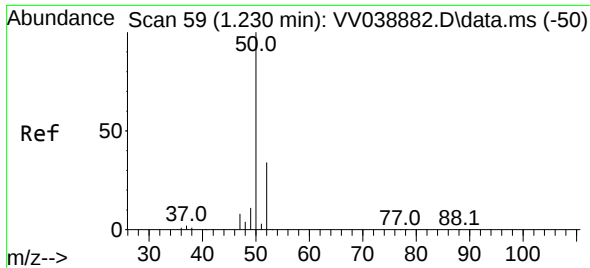
Tgt Ion: 85 Resp: 183055

Ion Ratio Lower Upper

85 100

87 32.5 16.3 48.8

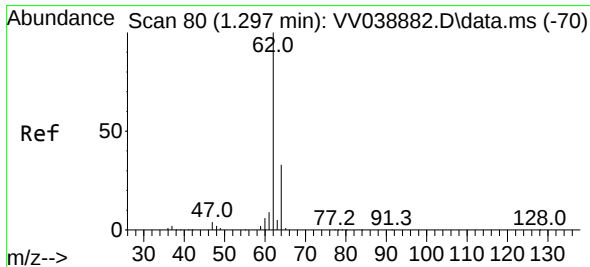
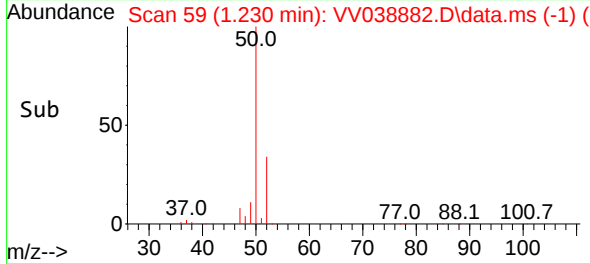
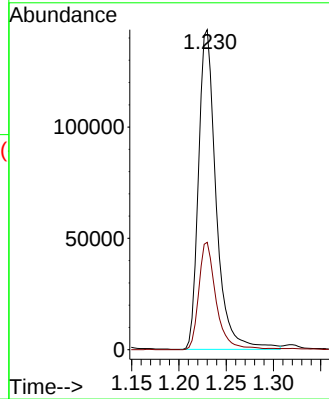
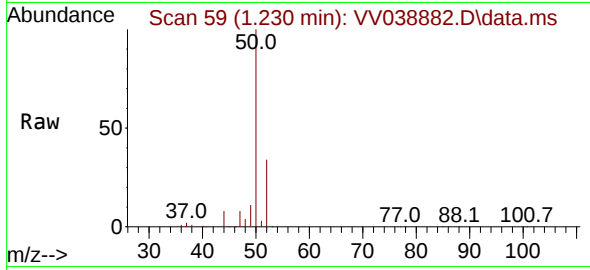




#3
Chloromethane
Concen: 41.802 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

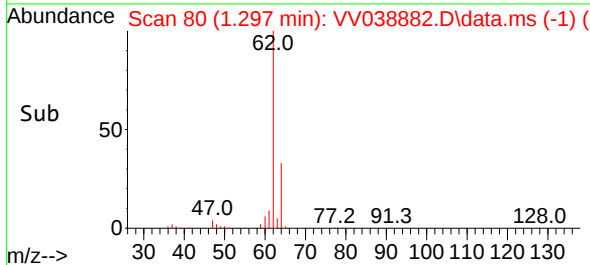
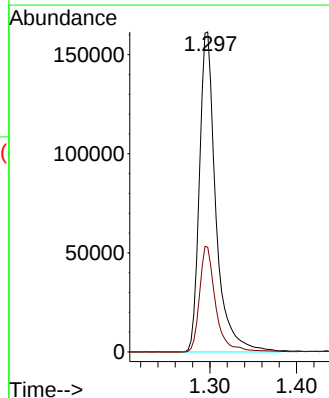
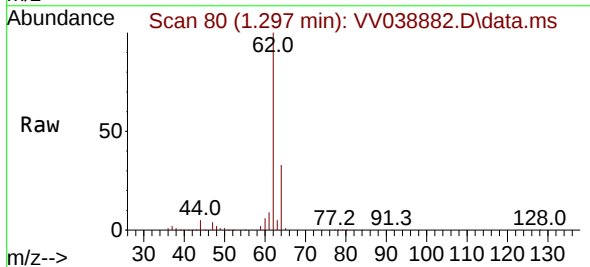
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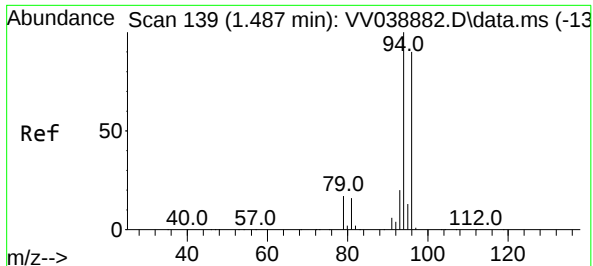
Tgt Ion: 50 Resp: 186593
Ion Ratio Lower Upper
50 100
52 33.6 26.9 40.3



#4
Vinyl Chloride
Concen: 41.662 ug/l
RT: 1.297 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

Tgt Ion: 62 Resp: 212849
Ion Ratio Lower Upper
62 100
64 32.7 26.2 39.2

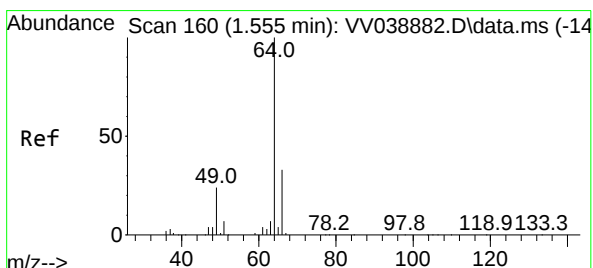
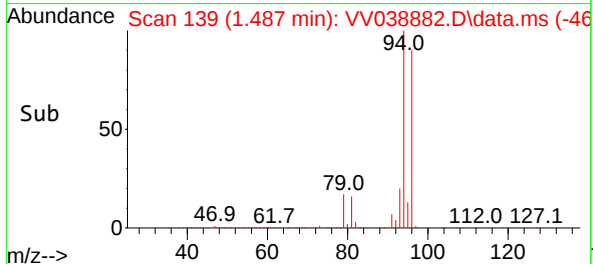
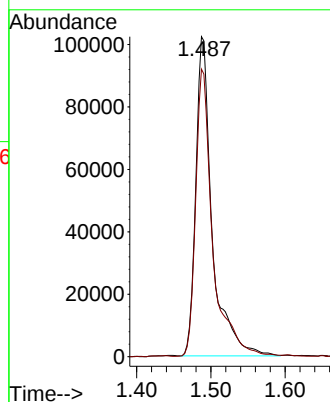
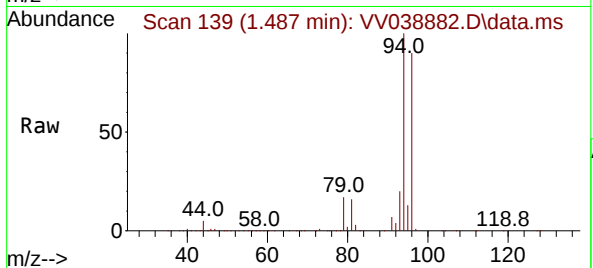




#5
Bromomethane
Concen: 54.285 ug/l
RT: 1.487 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

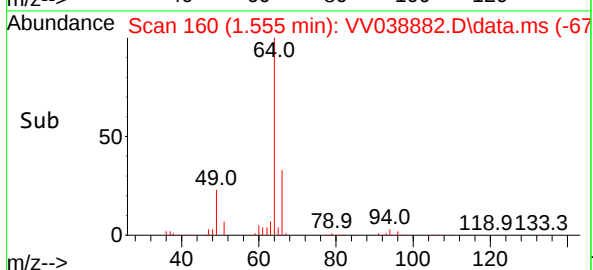
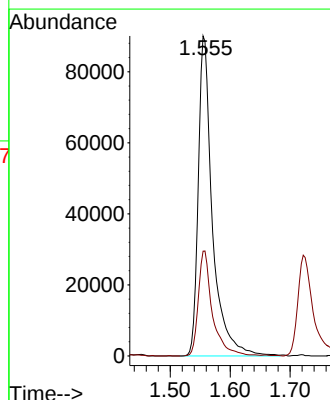
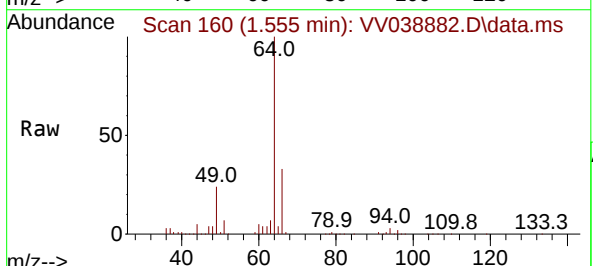
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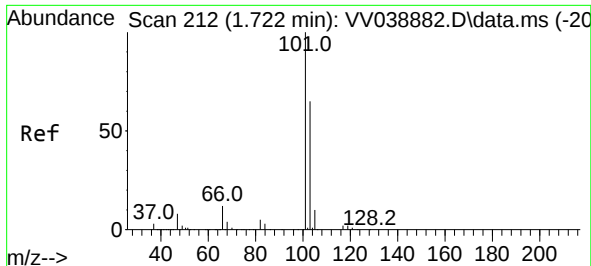
Tgt Ion: 94 Resp: 157590
Ion Ratio Lower Upper
94 100
96 89.9 71.9 107.9



#6
Chloroethane
Concen: 43.418 ug/l
RT: 1.555 min Scan# 160
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

Tgt Ion: 64 Resp: 148263
Ion Ratio Lower Upper
64 100
66 32.7 26.2 39.2

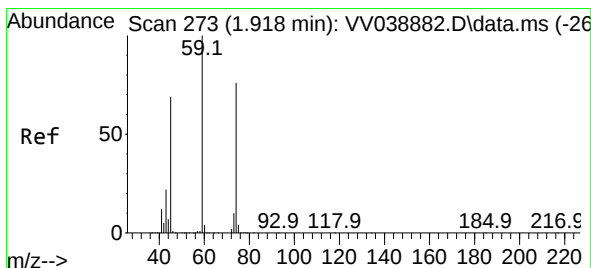
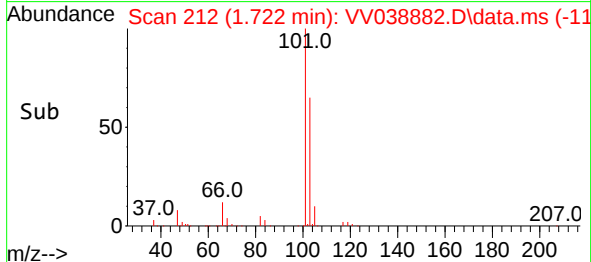
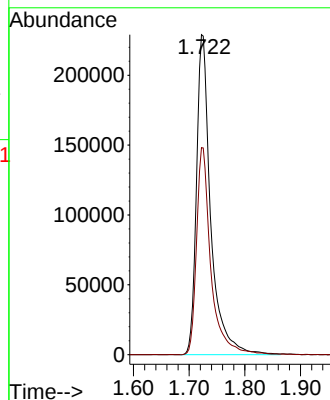
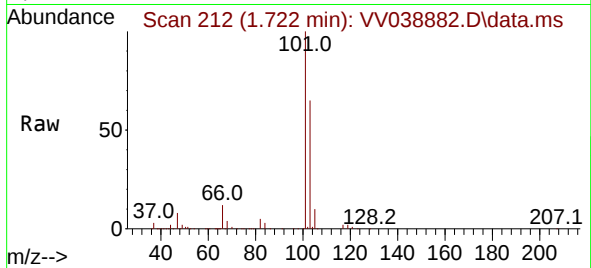




#7
 Trichlorofluoromethane
 Concen: 45.100 ug/l
 RT: 1.722 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VV038882.D
 Acq: 11 Jul 2025 09:34

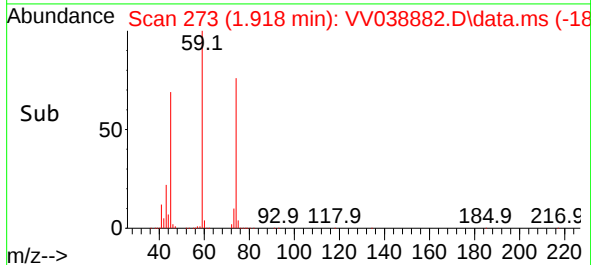
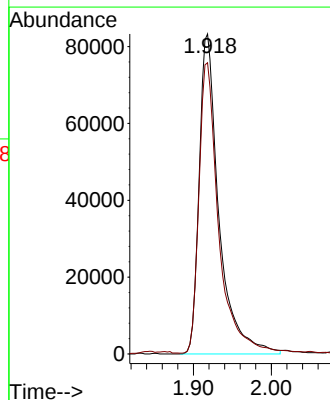
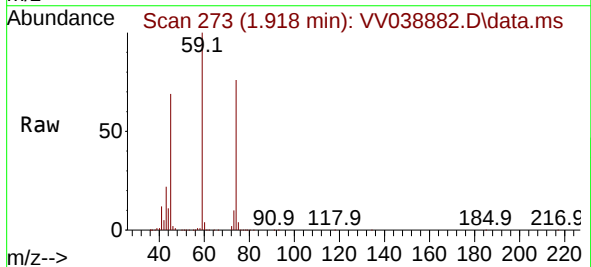
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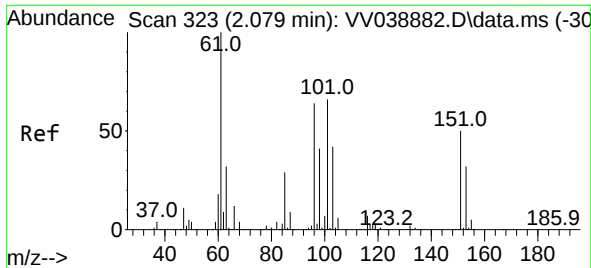
Tgt Ion:101 Resp: 407677
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.8 77.6



#8
 Diethyl Ether
 Concen: 45.068 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.000 min
 Lab File: VV038882.D
 Acq: 11 Jul 2025 09:34

Tgt Ion: 74 Resp: 146503
 Ion Ratio Lower Upper
 74 100
 45 91.0 45.5 136.5

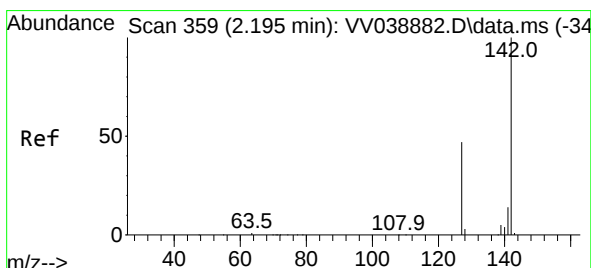
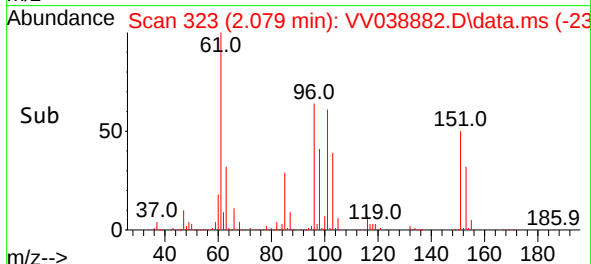
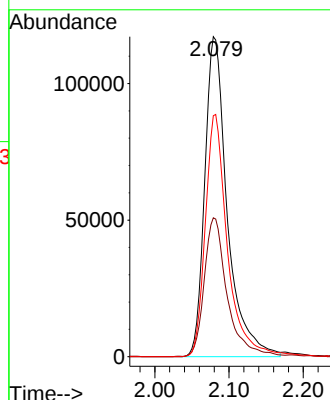
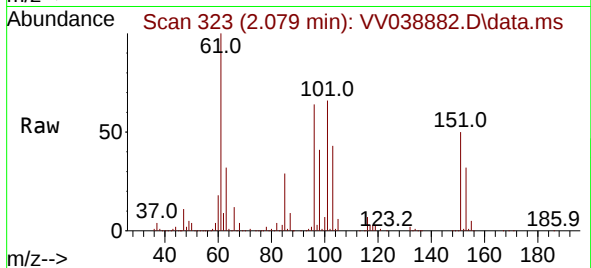




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.727 ug/l
RT: 2.079 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

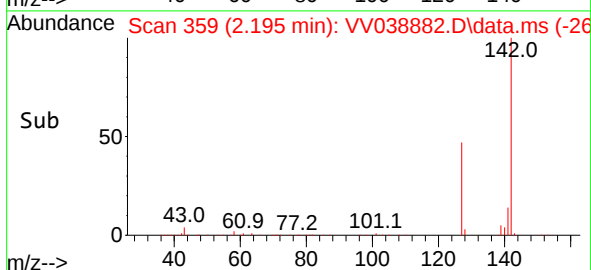
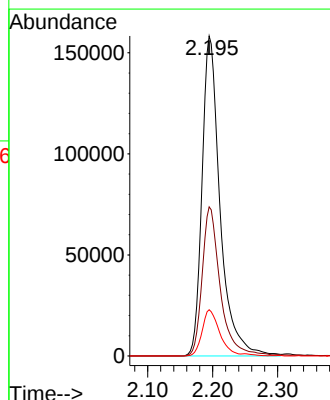
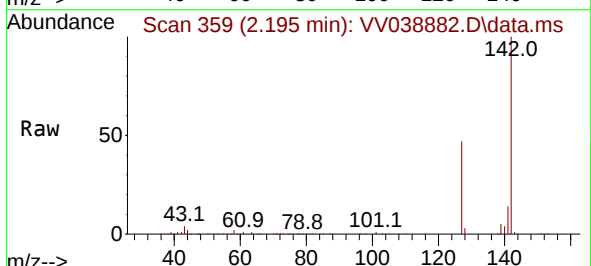
Instrument :
MSVOA_V
ClientSampleId :

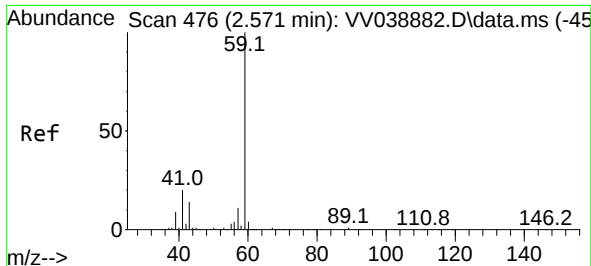
Tgt Ion:101 Resp: 247158
Ion Ratio Lower Upper
101 100
85 43.8 35.0 52.6
151 75.1 60.1 90.1



#10
Methyl Iodide
Concen: 49.457 ug/l
RT: 2.195 min Scan# 359
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

Tgt Ion:142 Resp: 306899
Ion Ratio Lower Upper
142 100
127 46.6 37.3 55.9
141 14.0 11.2 16.8





#11

Tert butyl alcohol

Concen: 235.277 ug/l

RT: 2.571 min Scan# 41

Delta R.T. 0.000 min

Lab File: VV038882.D

Acq: 11 Jul 2025 09:34

Instrument :

MSVOA_V

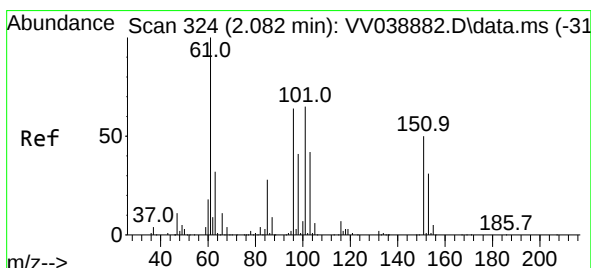
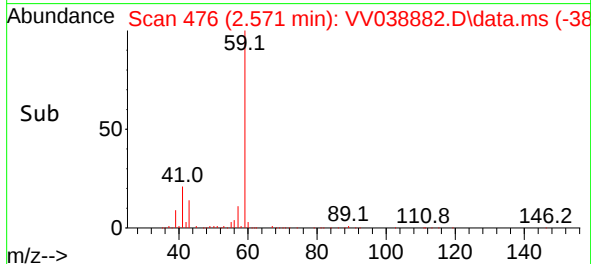
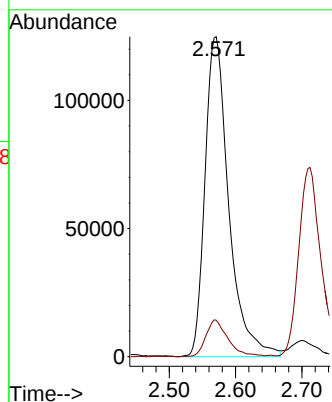
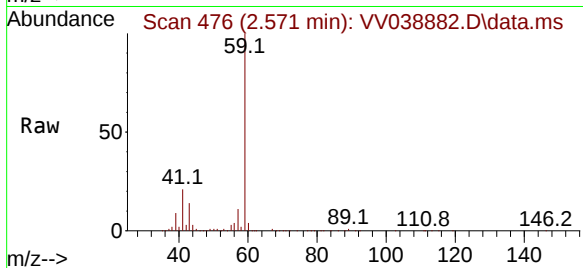
ClientSampleId :

Tgt Ion: 59 Resp: 311352

Ion Ratio Lower Upper

59 100

57 10.7 8.6 12.8



#12

1,1-Dichloroethene

Concen: 43.510 ug/l

RT: 2.082 min Scan# 324

Delta R.T. 0.000 min

Lab File: VV038882.D

Acq: 11 Jul 2025 09:34

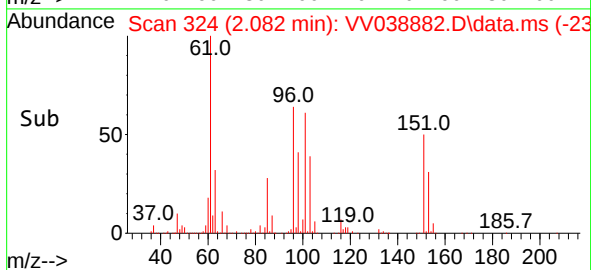
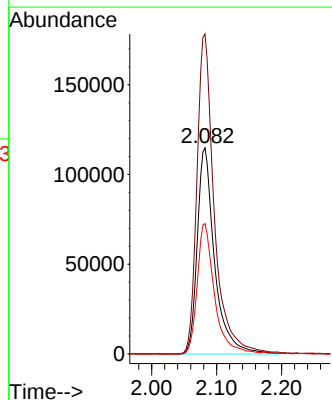
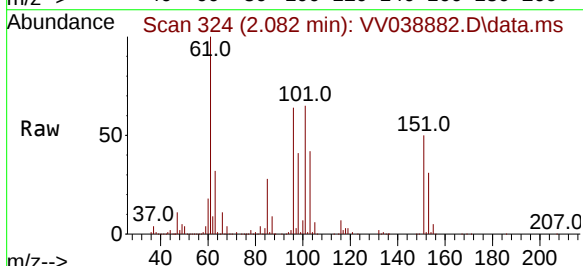
Tgt Ion: 96 Resp: 214287

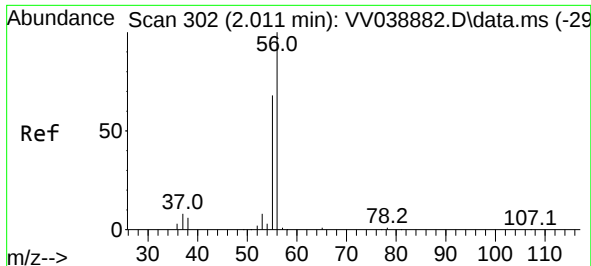
Ion Ratio Lower Upper

96 100

61 155.1 124.1 186.1

98 63.2 50.6 75.8

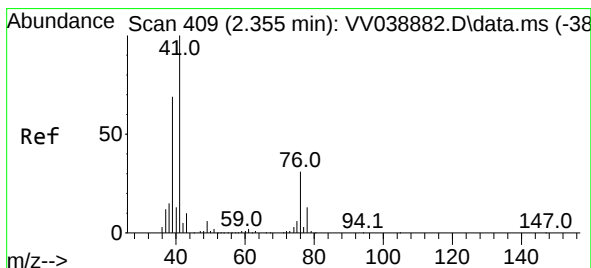
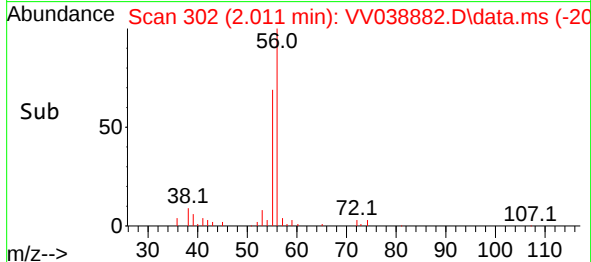
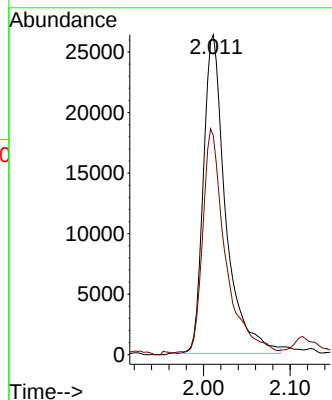
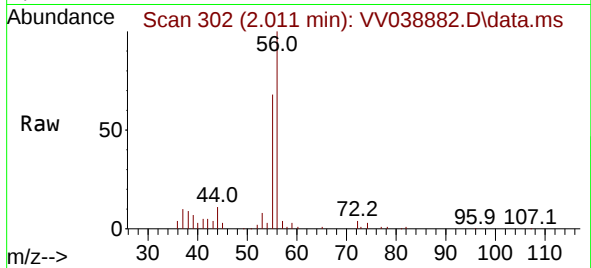




#13
Acrolein
Concen: 246.598 ug/l
RT: 2.011 min Scan# 302
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

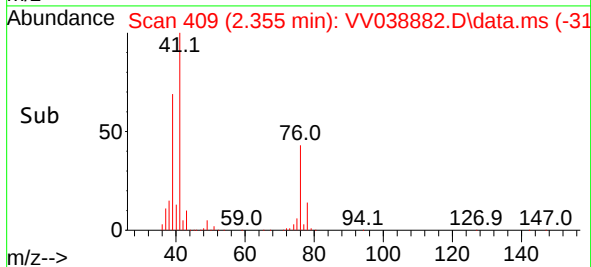
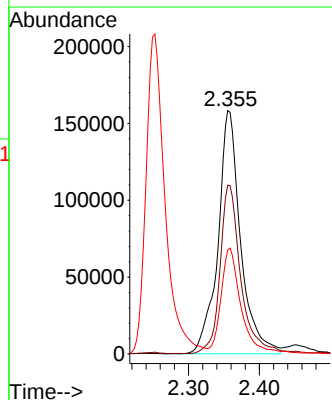
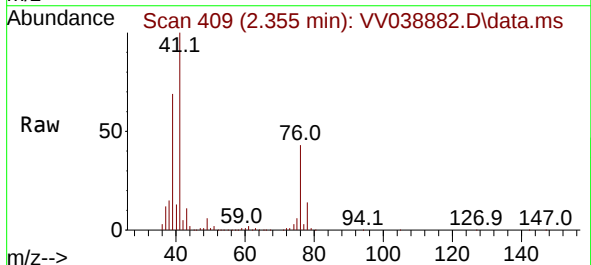
Instrument :
MSVOA_V
ClientSampleId :

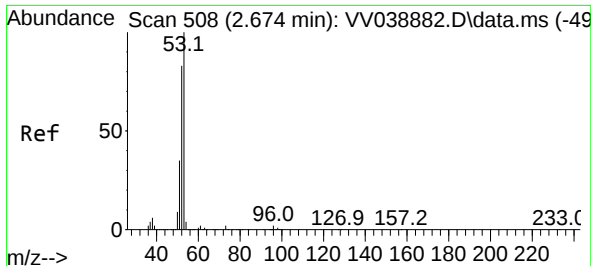
Tgt Ion: 56 Resp: 47192
Ion Ratio Lower Upper
56 100
55 70.9 56.7 85.1



#14
Allyl chloride
Concen: 44.747 ug/l
RT: 2.355 min Scan# 409
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

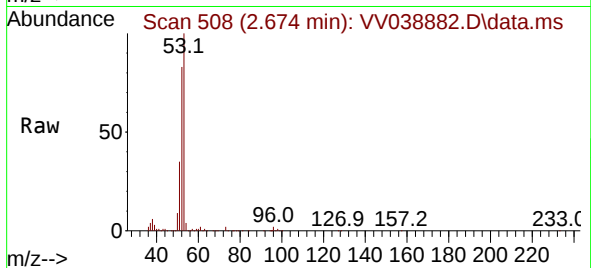
Tgt Ion: 41 Resp: 351094
Ion Ratio Lower Upper
41 100
39 63.3 50.6 76.0
76 38.0 30.4 45.6





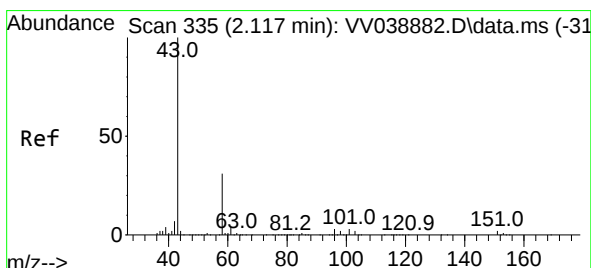
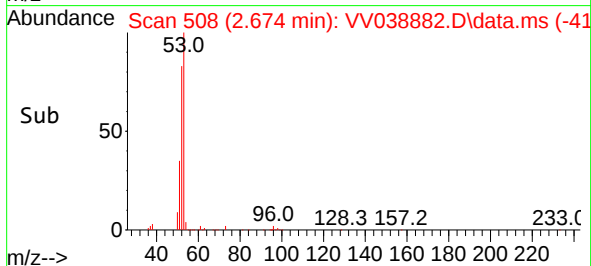
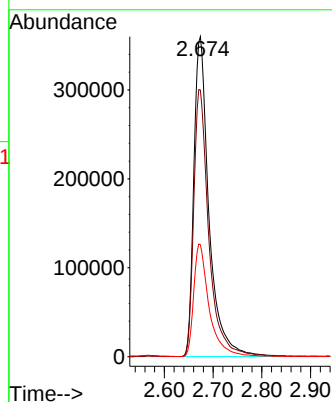
#15
Acrylonitrile
Concen: 229.422 ug/l
RT: 2.674 min Scan# 508
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 53 Resp: 776925

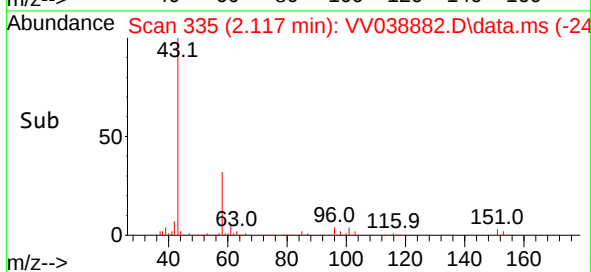
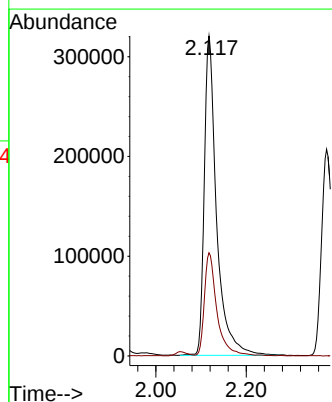
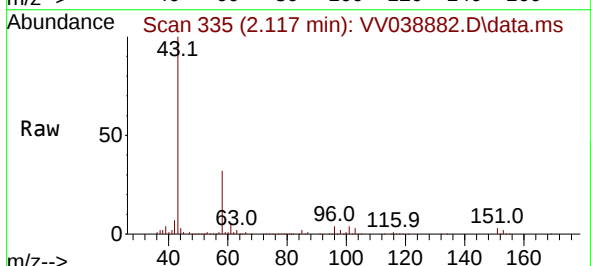
Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.6	99.8
51	35.9	28.7	43.1

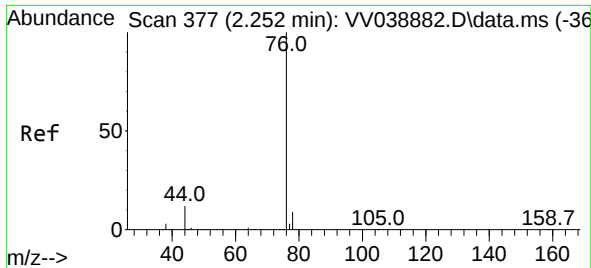


#16
Acetone
Concen: 243.903 ug/l
RT: 2.117 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

Tgt Ion: 43 Resp: 606658

Ion	Ratio	Lower	Upper
43	100		
58	32.2	25.8	38.6

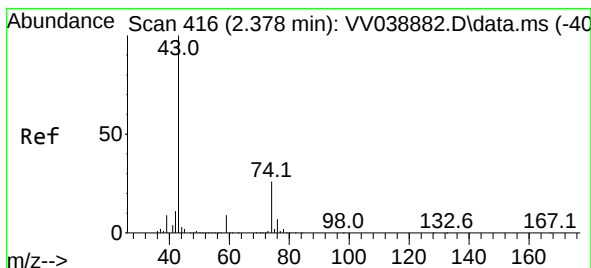
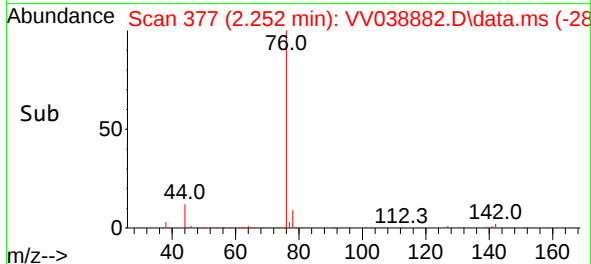
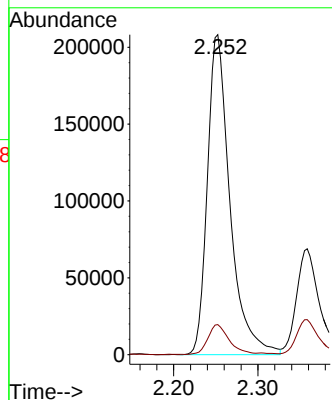
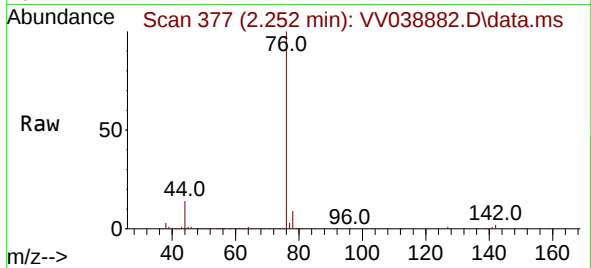




#17
Carbon Disulfide
Concen: 49.387 ug/l
RT: 2.252 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

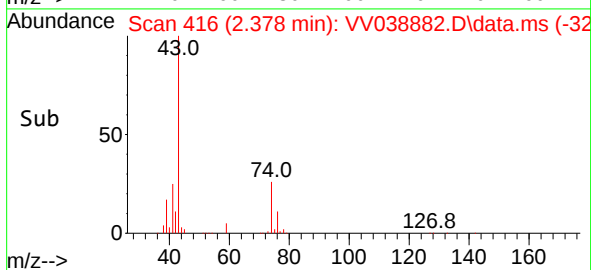
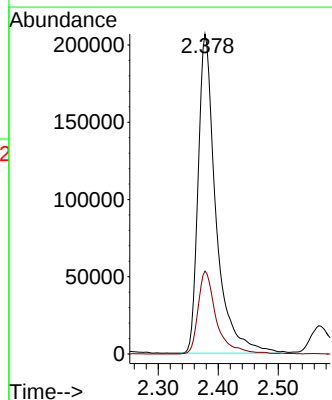
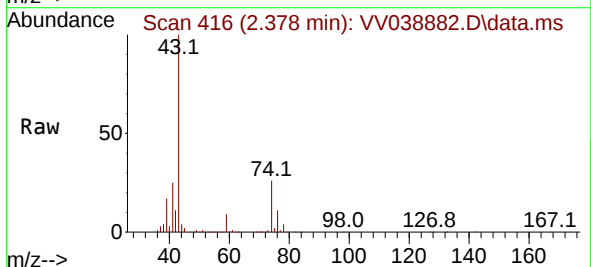
Instrument :
MSVOA_V
ClientSampleId :

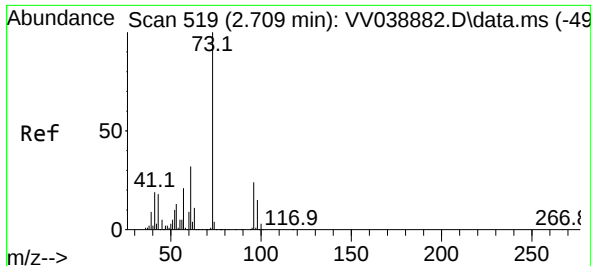
Tgt Ion: 76 Resp: 388876
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 50.676 ug/l
RT: 2.378 min Scan# 416
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

Tgt Ion: 43 Resp: 426460
Ion Ratio Lower Upper
43 100
74 26.4 21.1 31.7

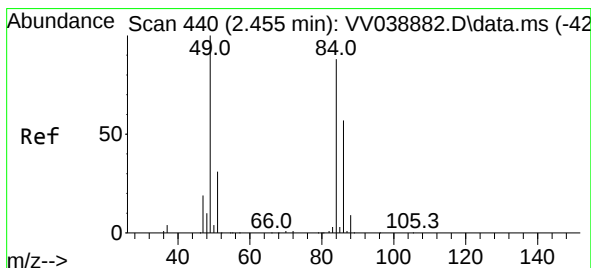
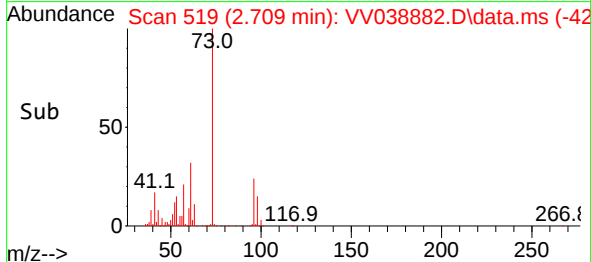
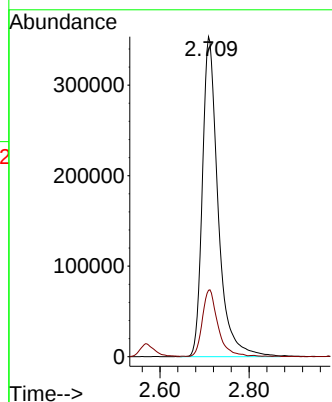
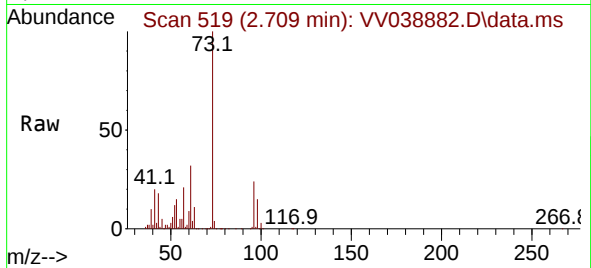




#19
Methyl tert-butyl Ether
Concen: 46.902 ug/l
RT: 2.709 min Scan# 519
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

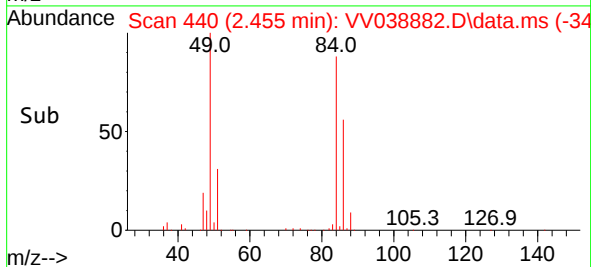
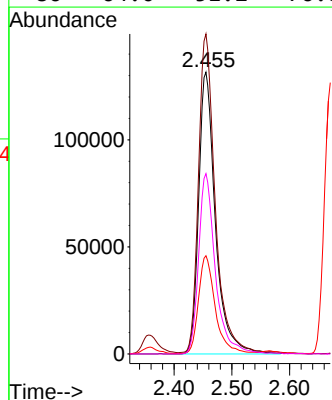
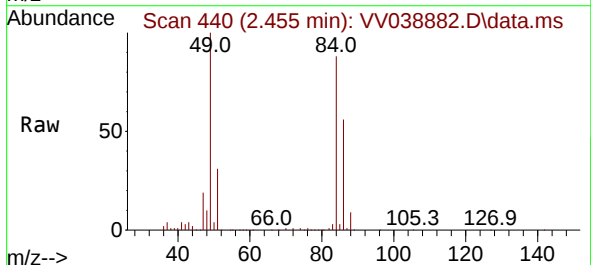
Instrument :
MSVOA_V
ClientSampleId :

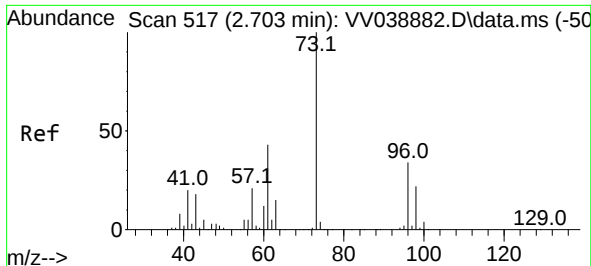
Tgt Ion: 73 Resp: 866074
Ion Ratio Lower Upper
73 100
57 20.6 16.5 24.7



#20
Methylene Chloride
Concen: 42.035 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

Tgt Ion: 84 Resp: 265243
Ion Ratio Lower Upper
84 100
49 113.1 90.5 135.7
51 34.7 27.8 41.6
86 64.0 51.2 76.8

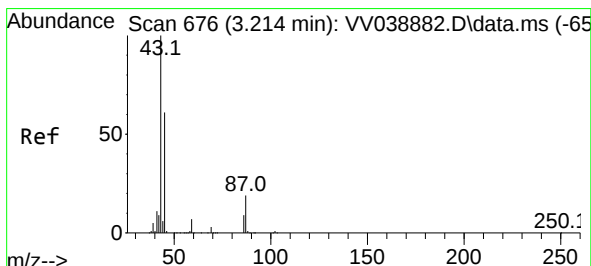
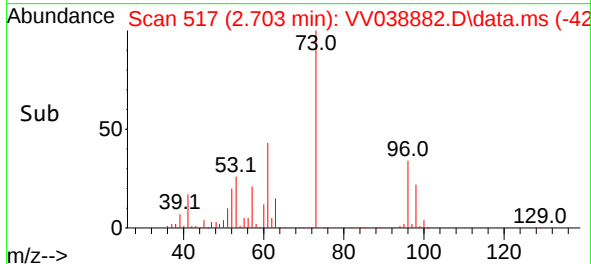
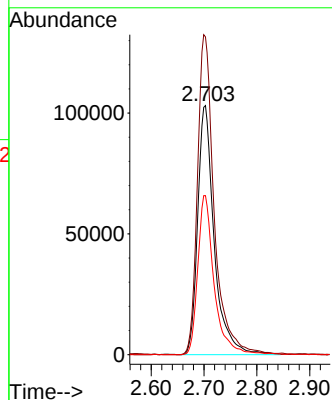
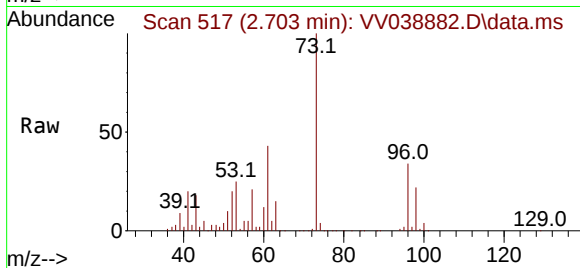




#21
trans-1,2-Dichloroethene
Concen: 42.861 ug/l
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

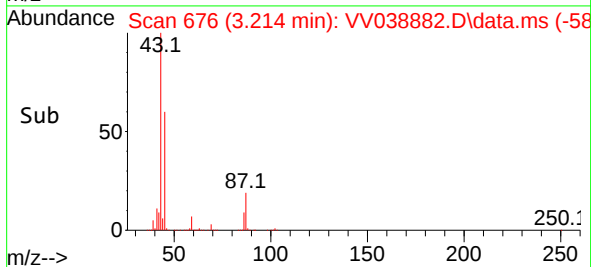
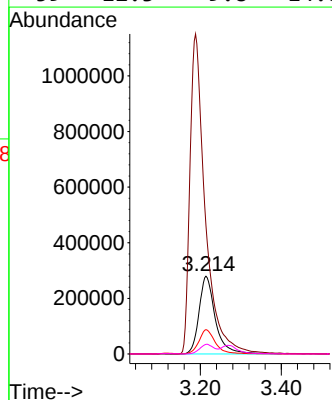
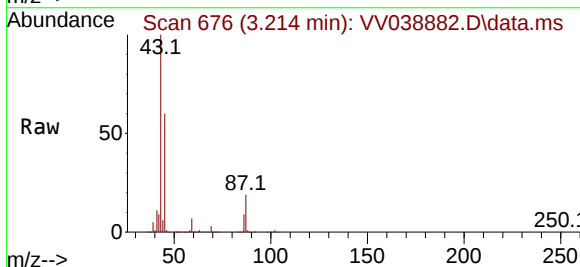
Instrument :
MSVOA_V
ClientSampleId :

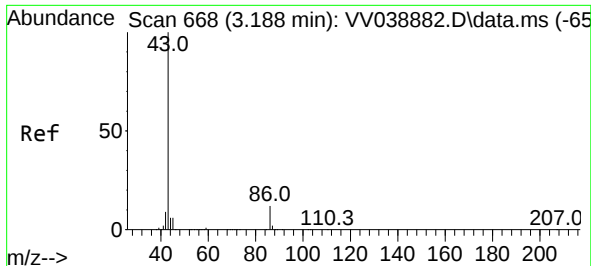
Tgt Ion: 96 Resp: 224599
Ion Ratio Lower Upper
96 100
61 127.5 102.0 153.0
98 63.8 51.0 76.6



#22
Diisopropyl ether
Concen: 49.693 ug/l
RT: 3.214 min Scan# 676
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

Tgt Ion: 45 Resp: 779071
Ion Ratio Lower Upper
45 100
43 165.1 132.1 198.1
87 31.2 25.0 37.4
59 12.3 9.8 14.8

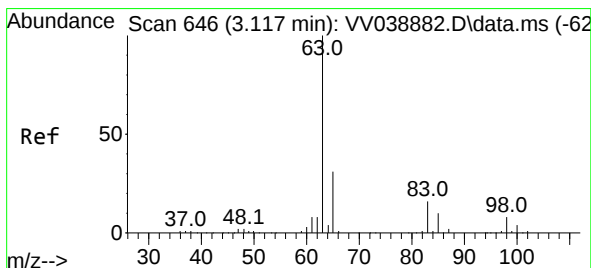
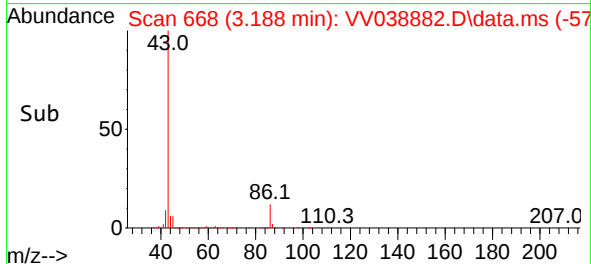
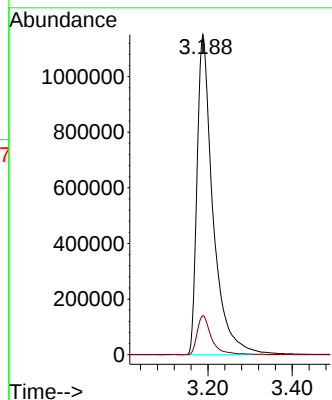
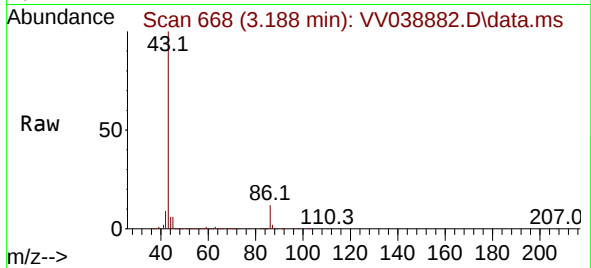




#23
 Vinyl Acetate
 Concen: 245.641 ug/l
 RT: 3.188 min Scan# 668
 Delta R.T. 0.000 min
 Lab File: VV038882.D
 Acq: 11 Jul 2025 09:34

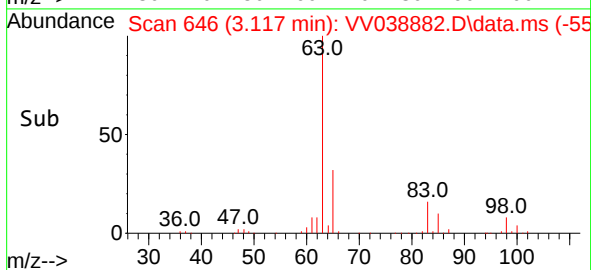
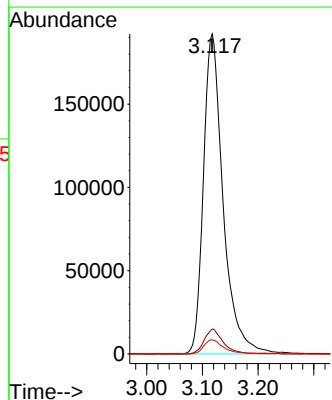
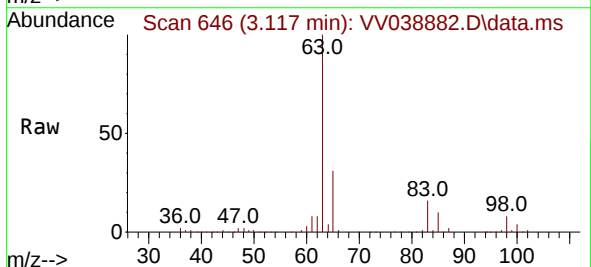
Instrument :
 MSVOA_V
 ClientSampleId :

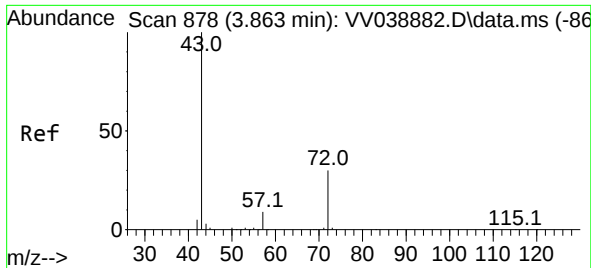
Tgt Ion: 43 Resp: 3019624
 Ion Ratio Lower Upper
 43 100
 86 12.2 9.8 14.6



#24
 1,1-Dichloroethane
 Concen: 45.983 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. 0.000 min
 Lab File: VV038882.D
 Acq: 11 Jul 2025 09:34

Tgt Ion: 63 Resp: 472119
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.7
 100 4.4 2.2 6.6

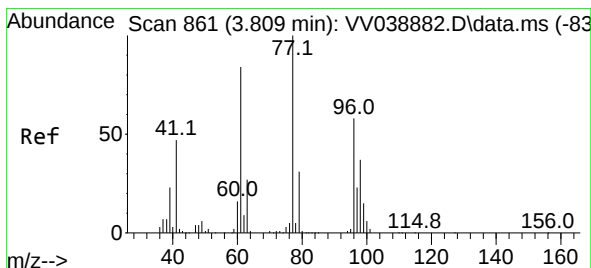
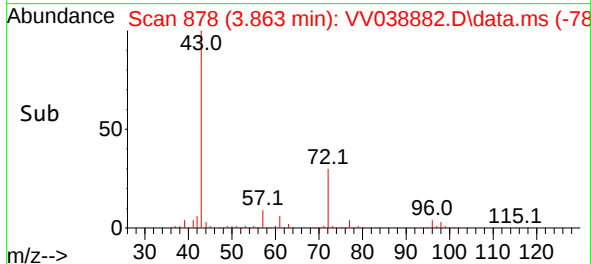
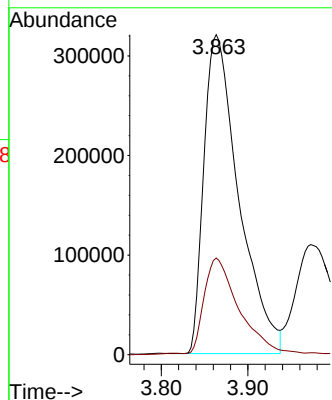
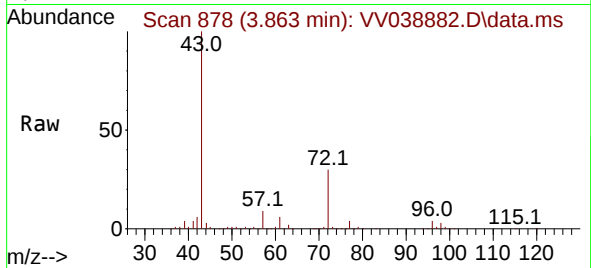




#25
2-Butanone
Concen: 252.810 ug/l
RT: 3.863 min Scan# 878
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

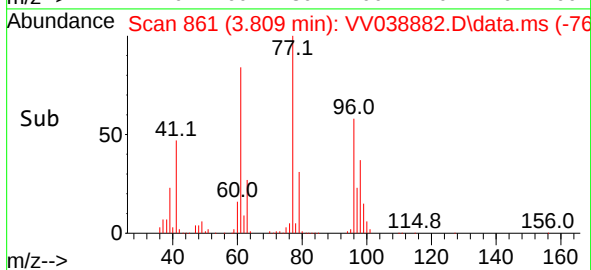
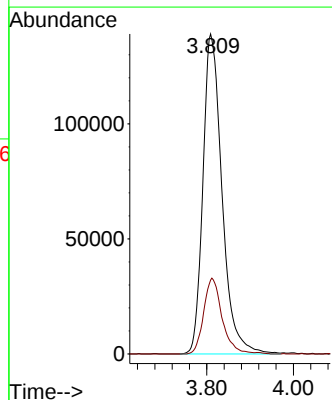
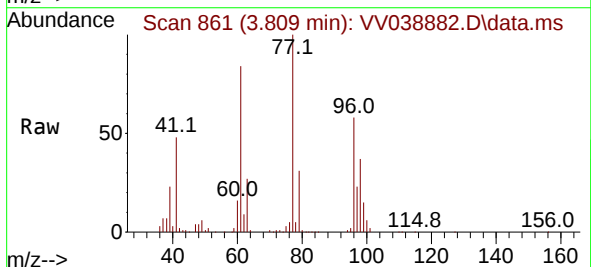
Instrument :
MSVOA_V
ClientSampleId :

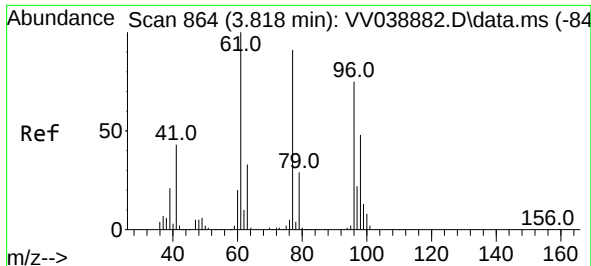
Tgt Ion: 43 Resp: 900216
Ion Ratio Lower Upper
43 100
72 29.9 23.9 35.9



#26
2,2-Dichloropropane
Concen: 47.402 ug/l
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

Tgt Ion: 77 Resp: 426109
Ion Ratio Lower Upper
77 100
97 22.8 11.4 34.2



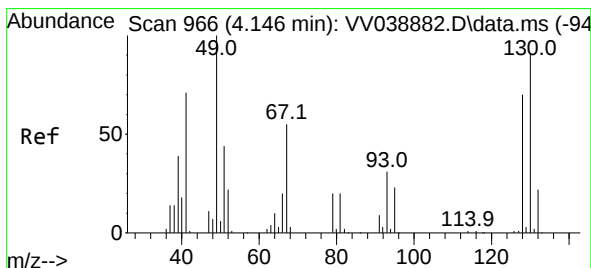
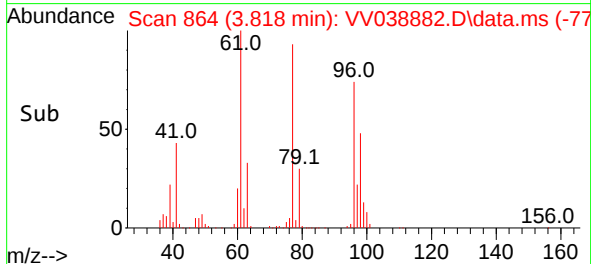
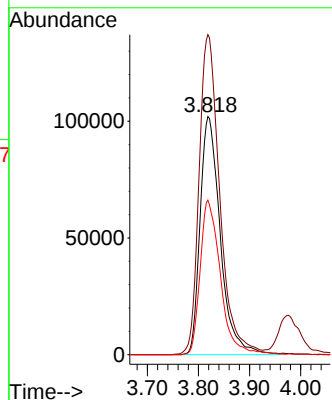
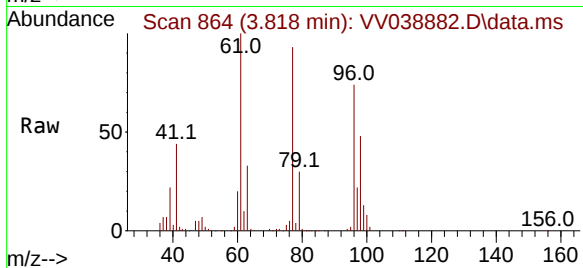


#27
 cis-1,2-Dichloroethene
 Concen: 46.598 ug/l
 RT: 3.818 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VV038882.D
 Acq: 11 Jul 2025 09:34

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 96 Resp: 280393

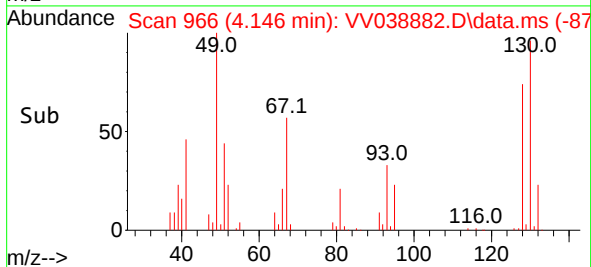
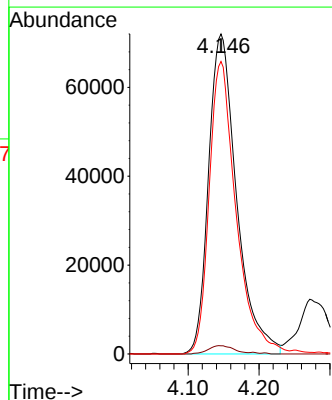
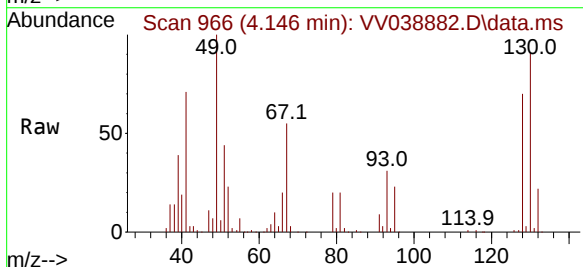
Ion	Ratio	Lower	Upper
96	100		
61	137.5	0.0	275.0
98	65.0	0.0	130.0

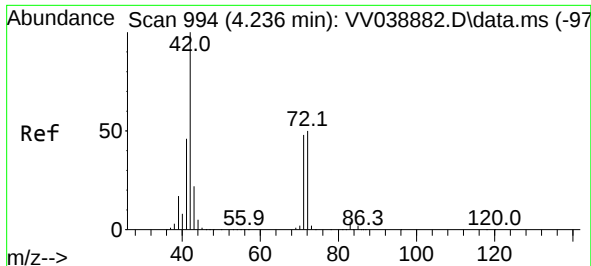


#28
 Bromochloromethane
 Concen: 49.846 ug/l
 RT: 4.146 min Scan# 966
 Delta R.T. 0.000 min
 Lab File: VV038882.D
 Acq: 11 Jul 2025 09:34

Tgt Ion: 49 Resp: 198103

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	87.6	70.1	105.1





#29

Tetrahydrofuran

Concen: 249.227 ug/l

RT: 4.236 min Scan# 994

Delta R.T. 0.000 min

Lab File: VV038882.D

Acq: 11 Jul 2025 09:34

Instrument :

MSVOA_V

ClientSampleId :

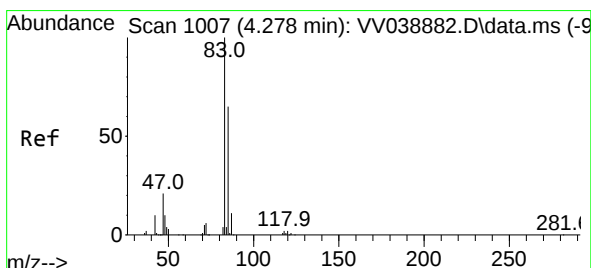
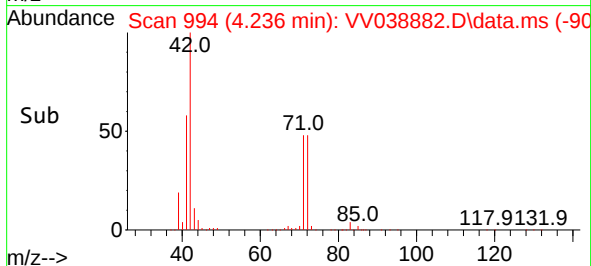
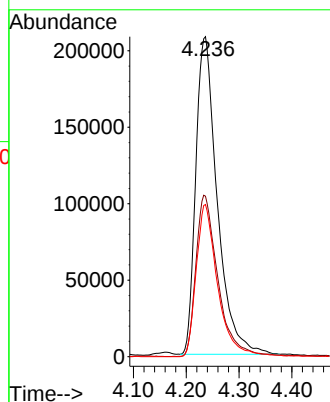
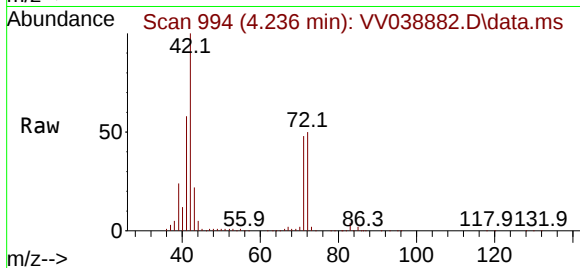
Tgt Ion: 42 Resp: 585599

Ion Ratio Lower Upper

42 100

72 52.0 41.6 62.4

71 48.0 38.4 57.6



#30

Chloroform

Concen: 45.982 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. 0.000 min

Lab File: VV038882.D

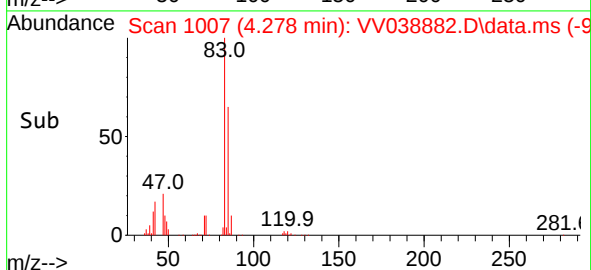
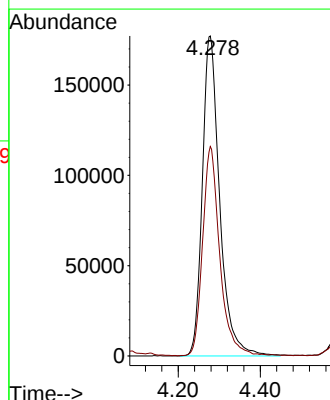
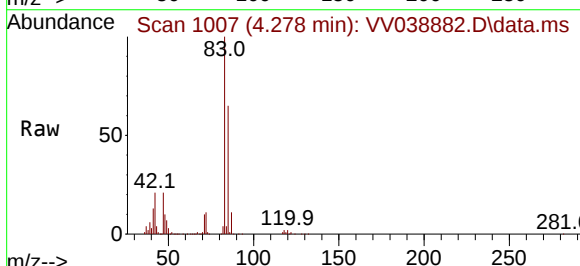
Acq: 11 Jul 2025 09:34

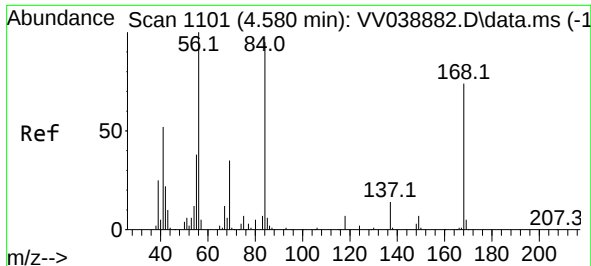
Tgt Ion: 83 Resp: 520498

Ion Ratio Lower Upper

83 100

85 65.3 52.2 78.4

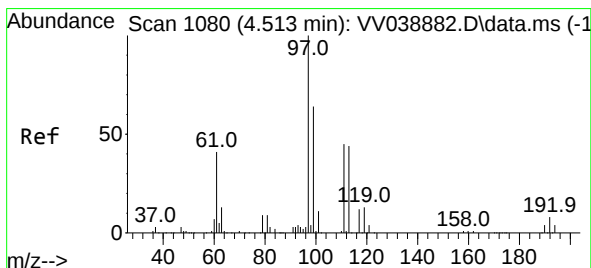
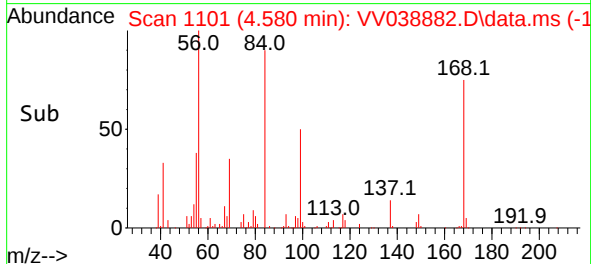
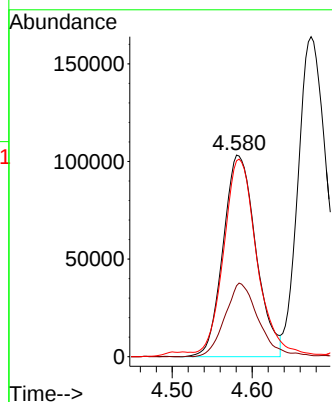
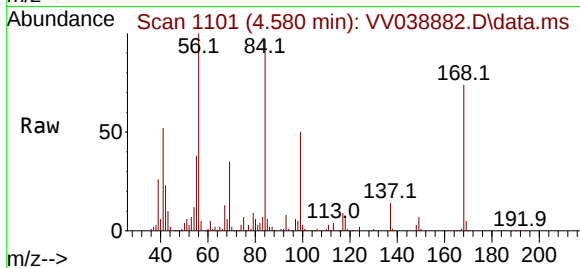




#31
Cyclohexane
Concen: 43.634 ug/l
RT: 4.580 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

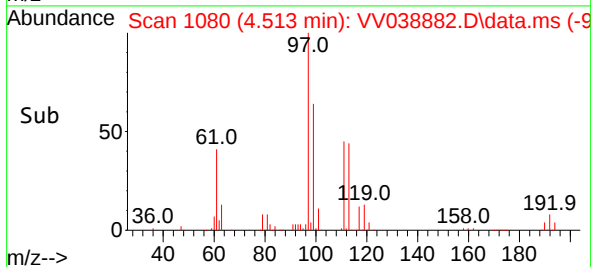
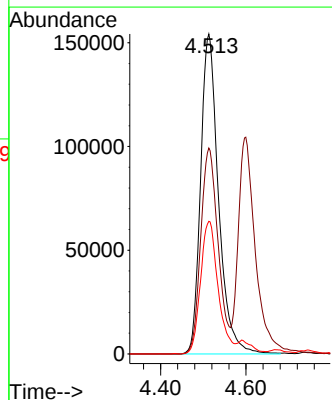
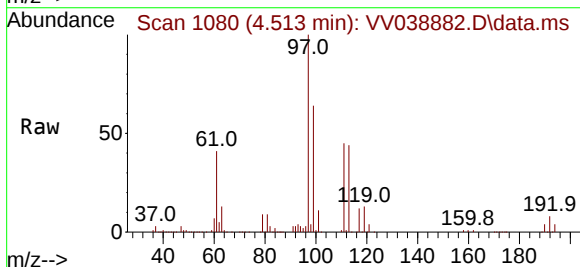
Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 56 Resp: 294056
Ion Ratio Lower Upper
56 100
69 35.2 28.2 42.2
84 95.0 76.0 114.0



#32
1,1,1-Trichloroethane
Concen: 45.399 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

Tgt Ion: 97 Resp: 448382
Ion Ratio Lower Upper
97 100
99 62.6 50.1 75.1
61 40.8 32.6 49.0





#33

1,2-Dichloroethane-d4

Concen: 45.143 ug/l

RT: 4.940 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VV038882.D

Acq: 11 Jul 2025 09:34

Instrument :

MSVOA_V

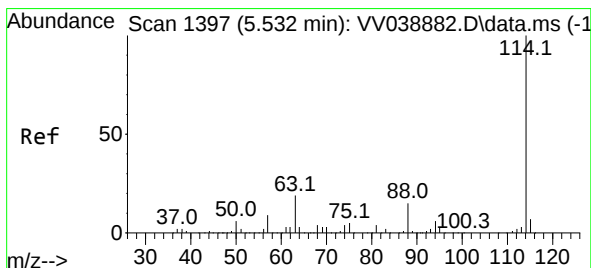
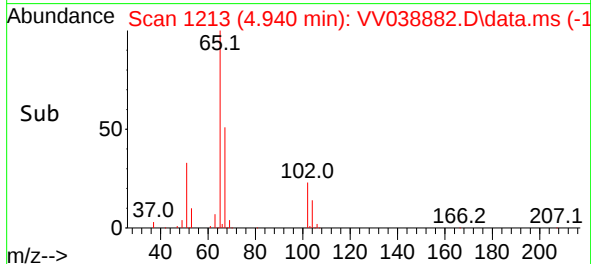
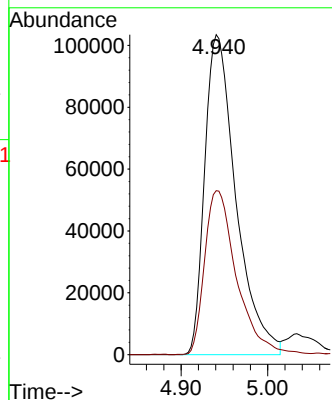
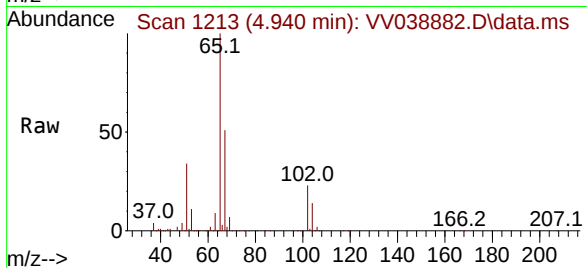
ClientSampleId :

Tgt Ion: 65 Resp: 259481

Ion Ratio Lower Upper

65 100

67 52.5 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VV038882.D

Acq: 11 Jul 2025 09:34

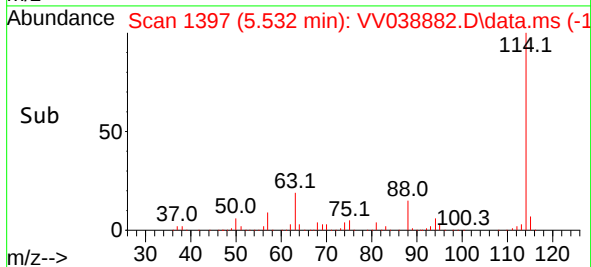
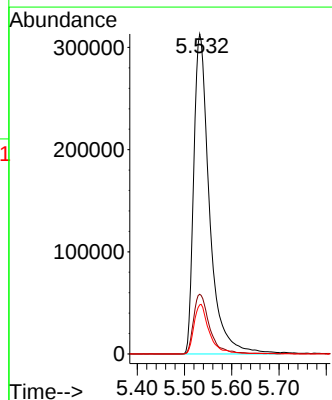
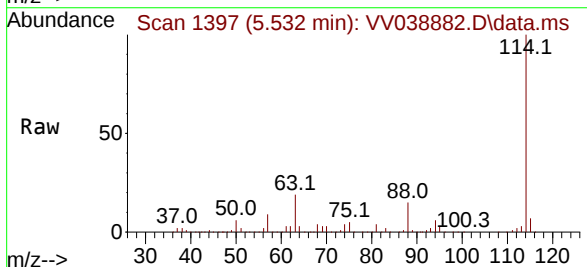
Tgt Ion: 114 Resp: 724413

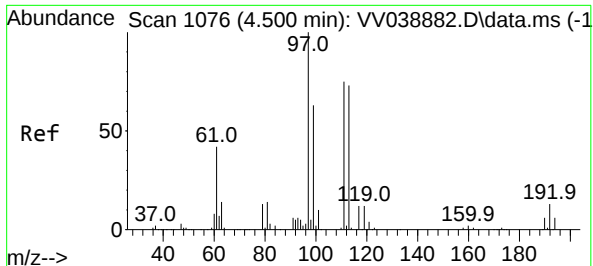
Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.2

88 15.4 0.0 30.8





#35

Dibromofluoromethane

Concen: 47.947 ug/l

RT: 4.500 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VV038882.D

Acq: 11 Jul 2025 09:34

Instrument :

MSVOA_V

ClientSampleId :

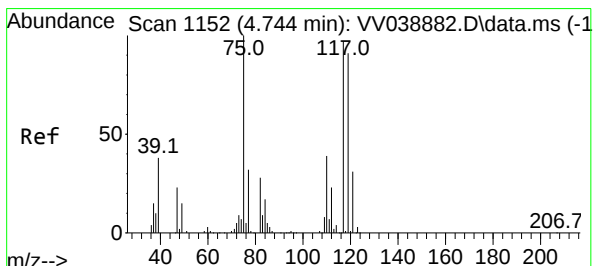
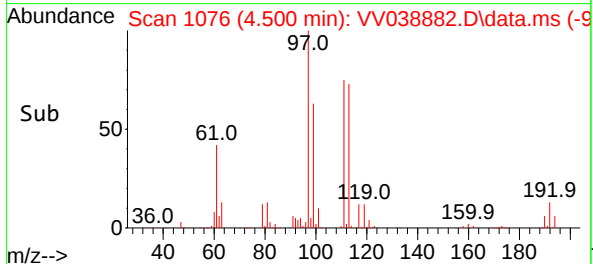
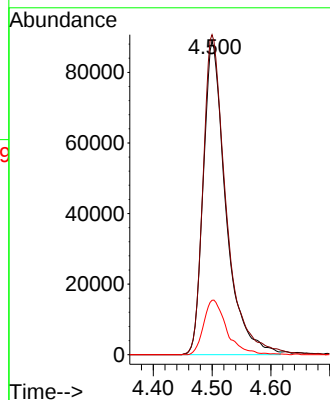
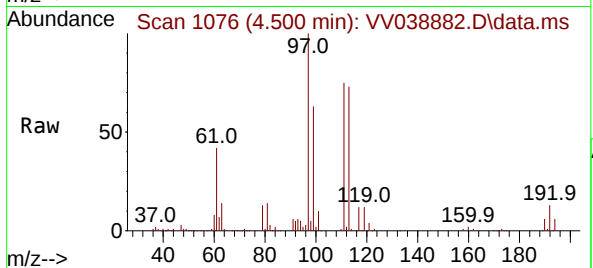
Tgt Ion:113 Resp: 236811

Ion Ratio Lower Upper

113 100

111 104.1 83.3 124.9

192 17.8 14.2 21.4



#36

1,1-Dichloropropene

Concen: 50.303 ug/l

RT: 4.744 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VV038882.D

Acq: 11 Jul 2025 09:34

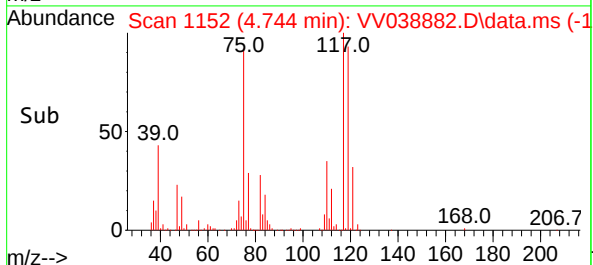
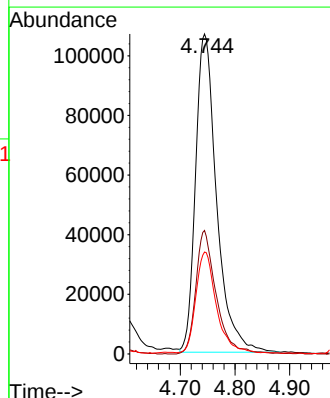
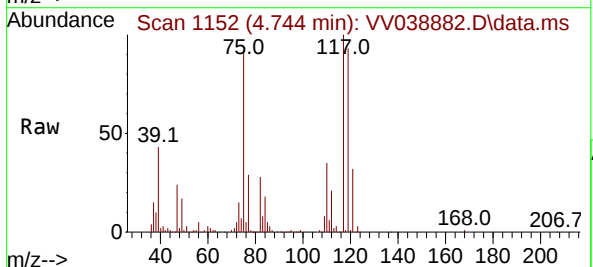
Tgt Ion: 75 Resp: 285529

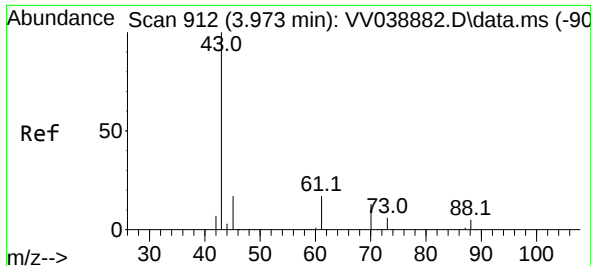
Ion Ratio Lower Upper

75 100

110 37.5 18.8 56.3

77 30.3 24.2 36.4

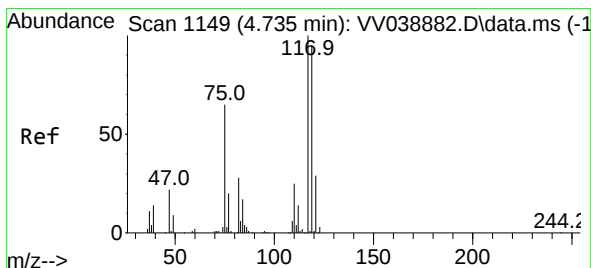
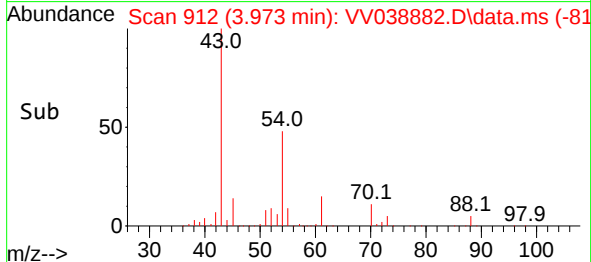
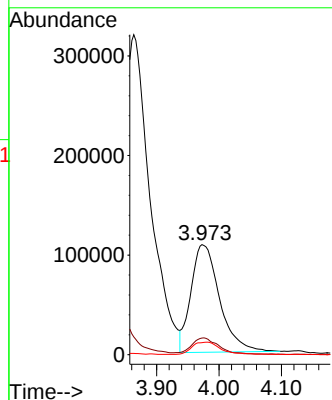
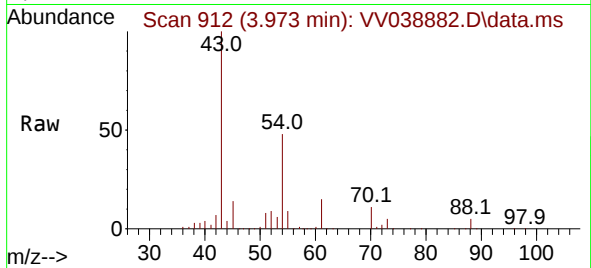




#37
Ethyl Acetate
Concen: 51.684 ug/l
RT: 3.973 min Scan# 912
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

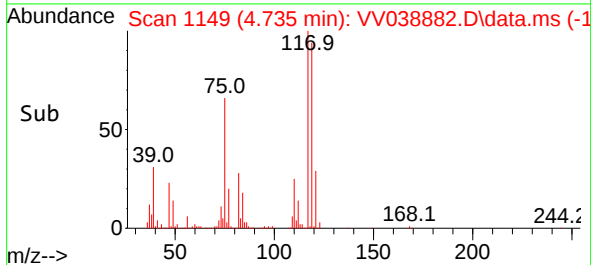
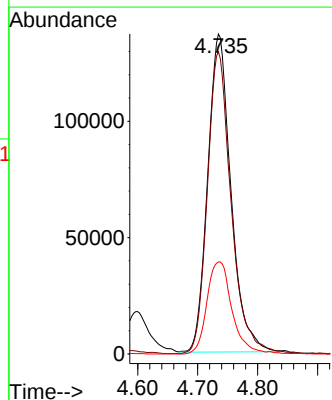
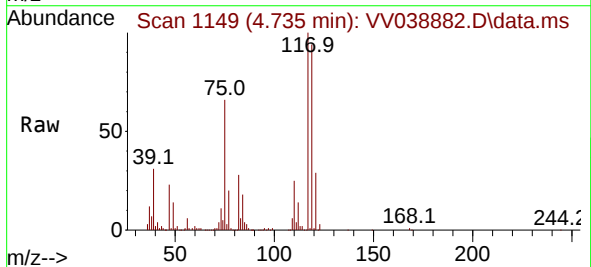
Instrument :
MSVOA_V
ClientSampleId :

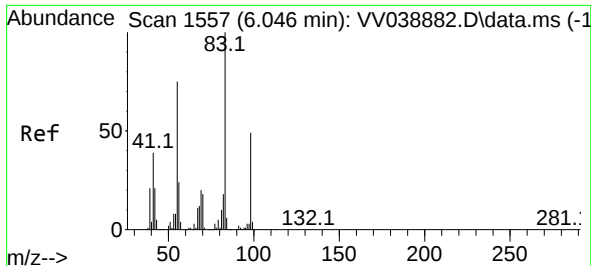
Tgt Ion: 43 Resp: 345412
Ion Ratio Lower Upper
43 100
61 13.9 11.1 16.7
70 11.1 8.9 13.3



#38
Carbon Tetrachloride
Concen: 48.868 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

Tgt Ion: 117 Resp: 368458
Ion Ratio Lower Upper
117 100
119 95.0 76.0 114.0
121 28.9 23.1 34.7





#39

Methylcyclohexane

Concen: 49.068 ug/l

RT: 6.046 min Scan# 1

Delta R.T. 0.000 min

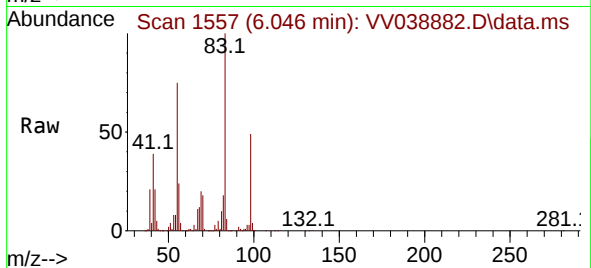
Lab File: VV038882.D

Acq: 11 Jul 2025 09:34

Instrument :

MSVOA_V

ClientSampleId :



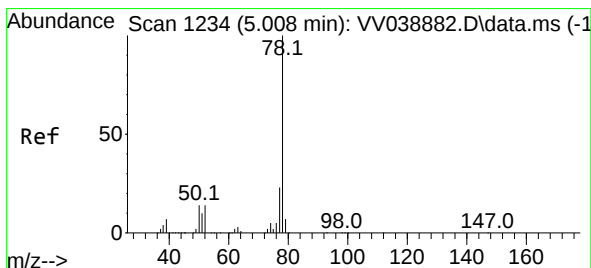
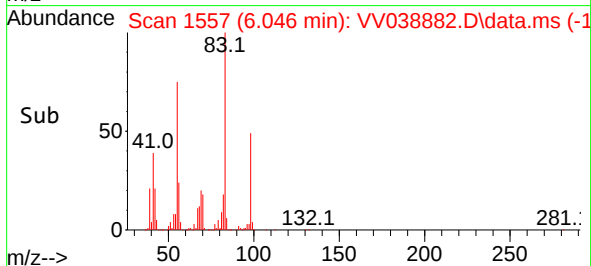
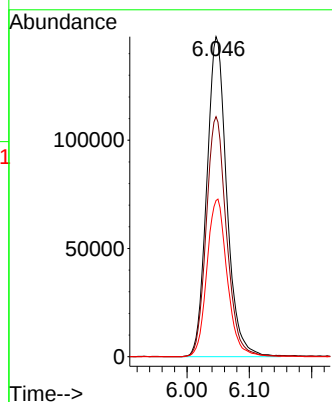
Tgt Ion: 83 Resp: 328636

Ion Ratio Lower Upper

83 100

55 75.0 60.0 90.0

98 48.8 39.0 58.6



#40

Benzene

Concen: 49.987 ug/l

RT: 5.008 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VV038882.D

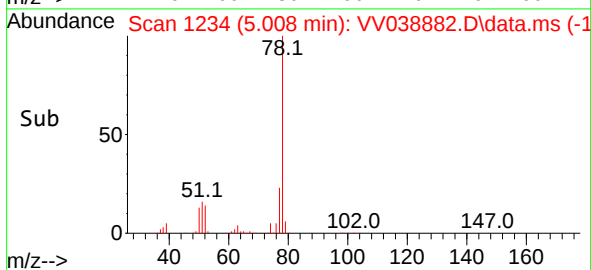
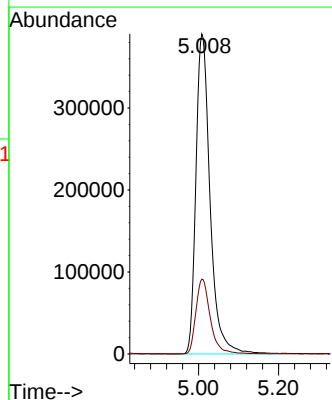
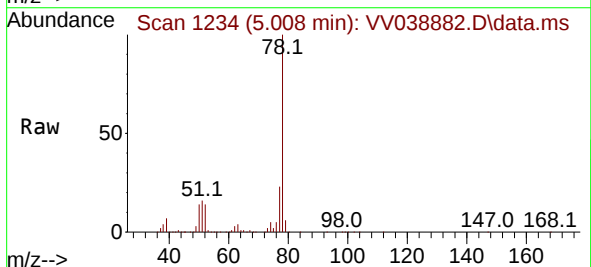
Acq: 11 Jul 2025 09:34

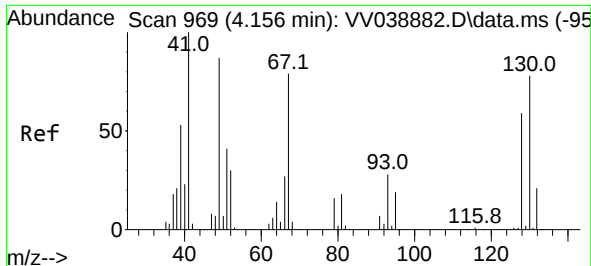
Tgt Ion: 78 Resp: 961859

Ion Ratio Lower Upper

78 100

77 23.3 18.6 28.0

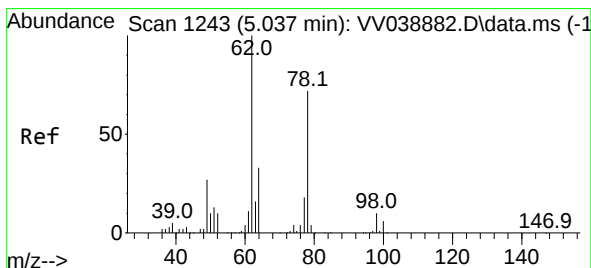
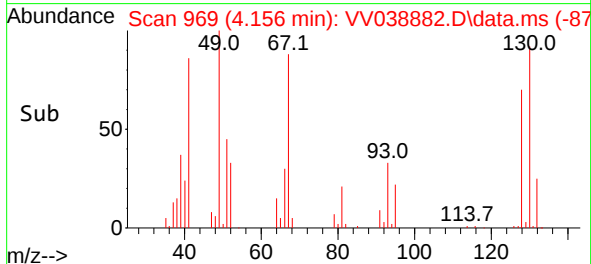
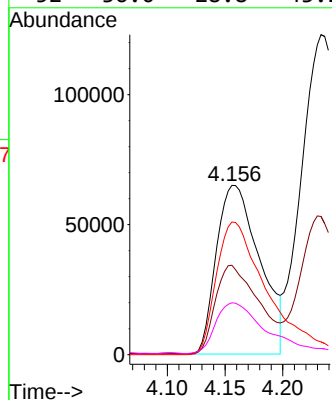
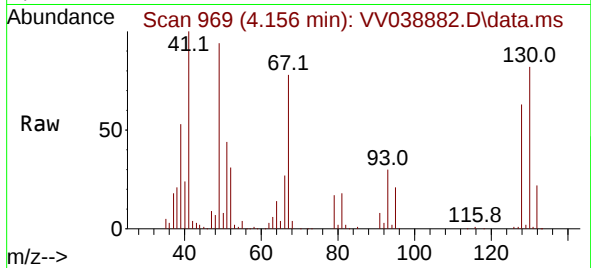




#41
Methacrylonitrile
Concen: 55.941 ug/l
RT: 4.156 min Scan# 969
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

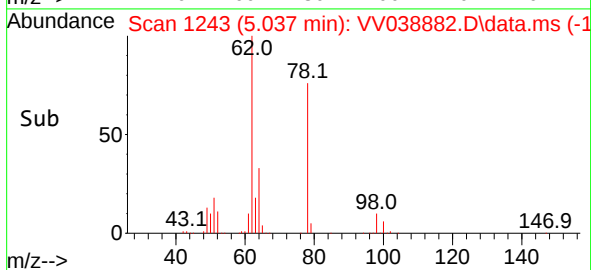
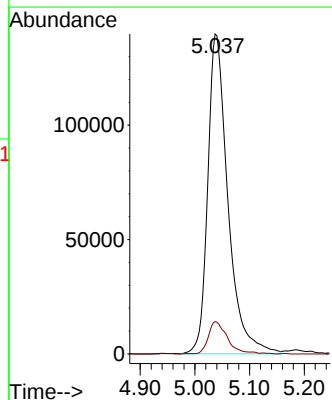
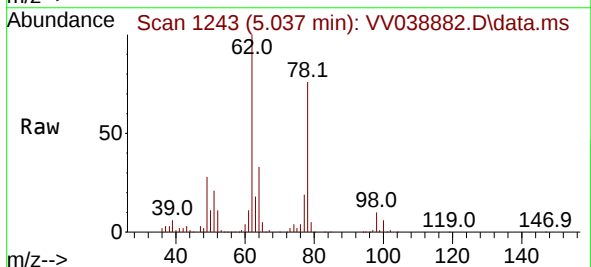
Instrument :
MSVOA_V
ClientSampleId :

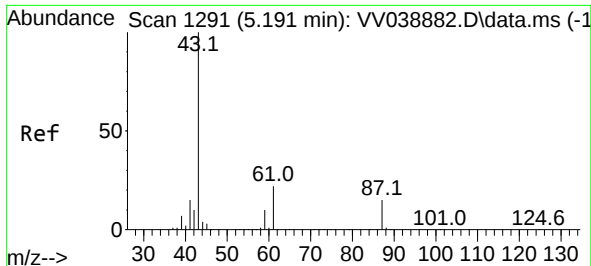
Tgt Ion: 41 Resp: 169419
Ion Ratio Lower Upper
41 100
39 52.5 42.0 63.0
67 95.2 76.2 114.2
52 36.0 28.8 43.2



#42
1,2-Dichloroethane
Concen: 48.790 ug/l
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

Tgt Ion: 62 Resp: 357850
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.8

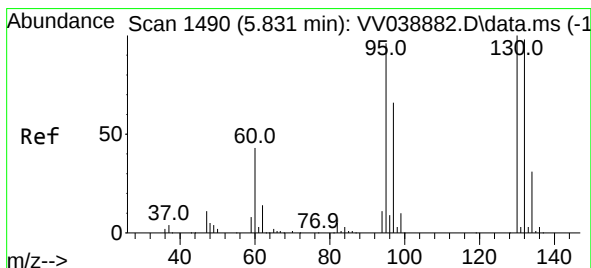
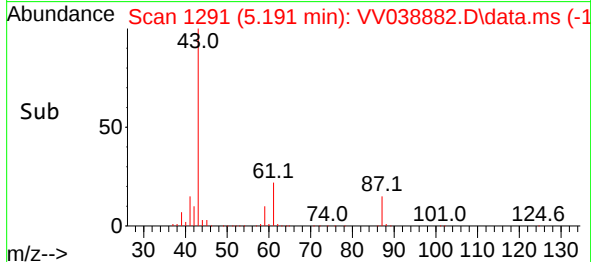
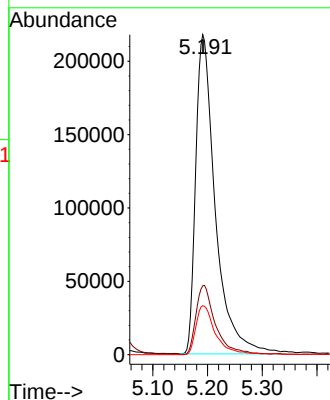
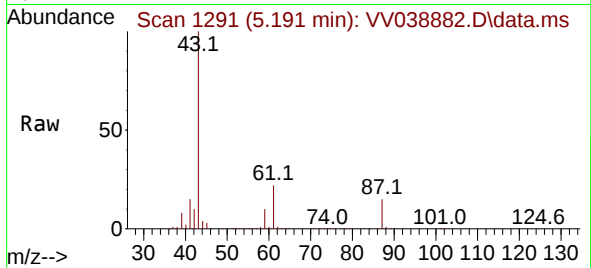




#43
Isopropyl Acetate
Concen: 51.237 ug/l
RT: 5.191 min Scan# 1291
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

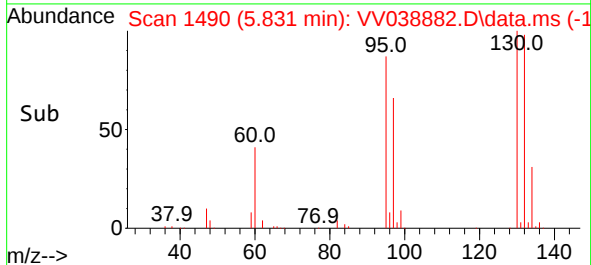
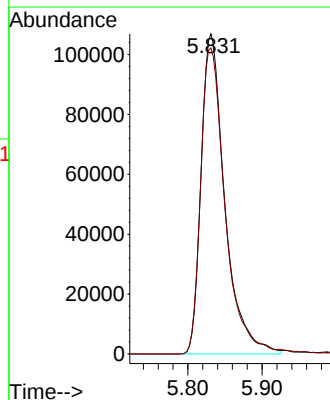
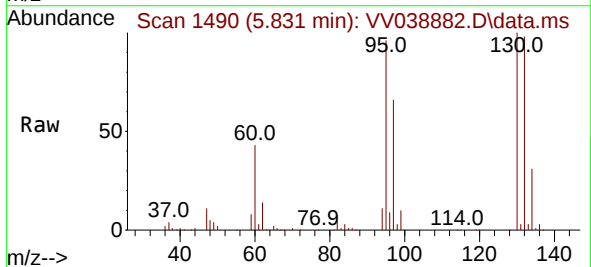
Instrument :
MSVOA_V
ClientSampleId :

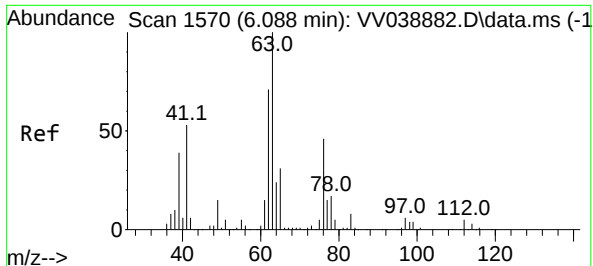
Tgt Ion: 43 Resp: 541554
Ion Ratio Lower Upper
43 100
61 21.4 17.1 25.7
87 15.3 12.2 18.4



#44
Trichloroethene
Concen: 47.162 ug/l
RT: 5.831 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

Tgt Ion:130 Resp: 237137
Ion Ratio Lower Upper
130 100
95 95.6 0.0 191.2





#45

1,2-Dichloropropane

Concen: 50.134 ug/l

RT: 6.088 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VV038882.D

Acq: 11 Jul 2025 09:34

Instrument :

MSVOA_V

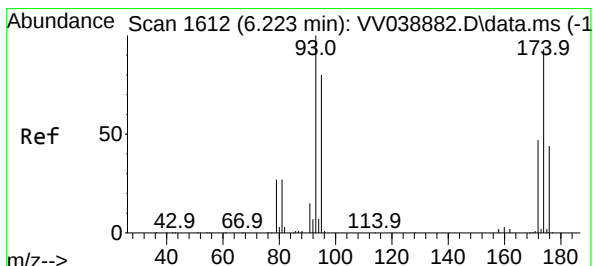
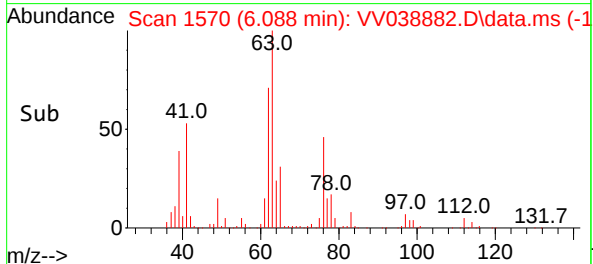
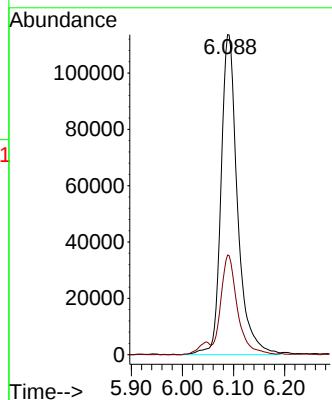
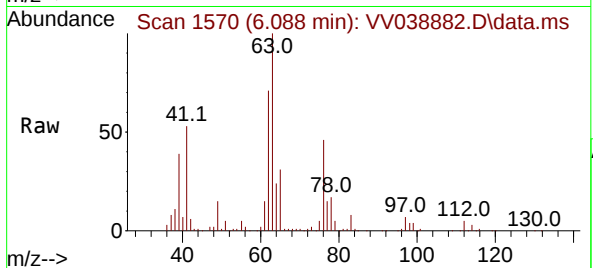
ClientSampleId :

Tgt Ion: 63 Resp: 254830

Ion Ratio Lower Upper

63 100

65 31.1 24.9 37.3



#46

Dibromomethane

Concen: 49.247 ug/l

RT: 6.223 min Scan# 1612

Delta R.T. 0.000 min

Lab File: VV038882.D

Acq: 11 Jul 2025 09:34

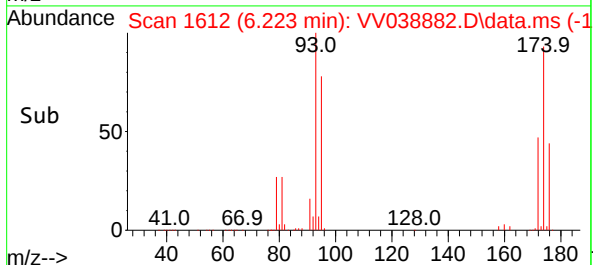
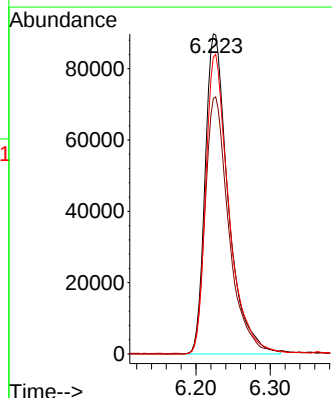
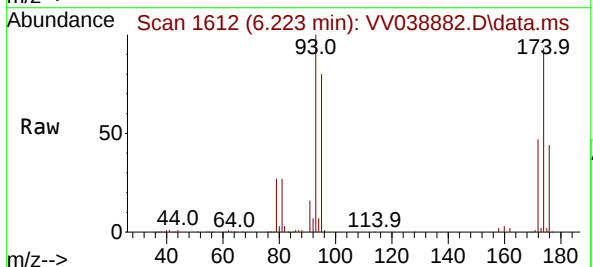
Tgt Ion: 93 Resp: 193680

Ion Ratio Lower Upper

93 100

95 82.8 66.2 99.4

174 94.1 75.3 112.9

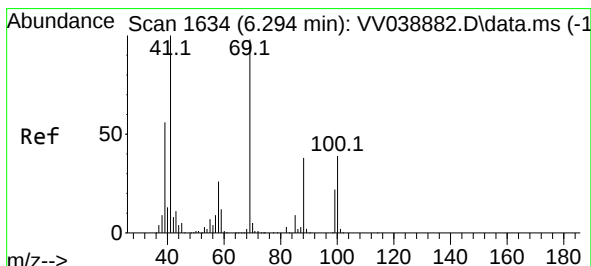
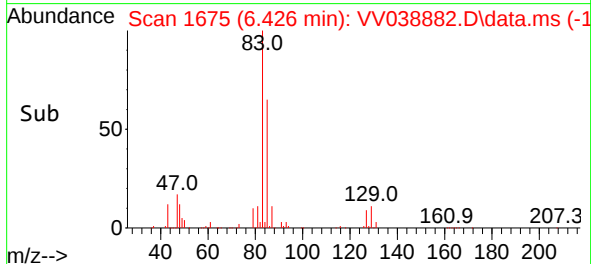
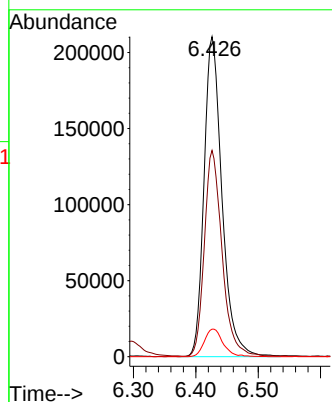
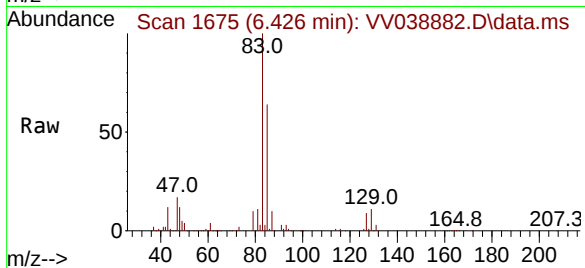




#47
Bromodichloromethane
Concen: 50.643 ug/l
RT: 6.426 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

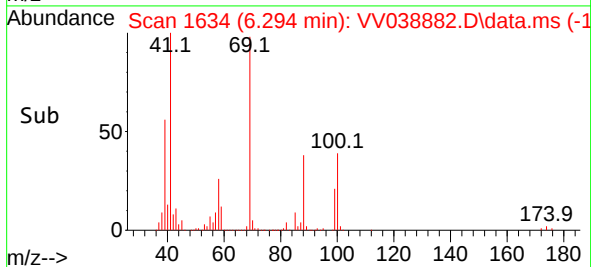
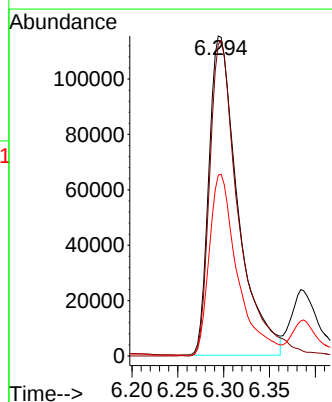
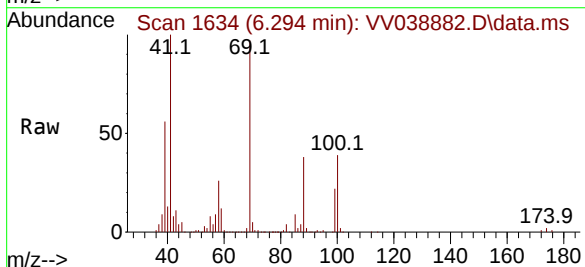
Instrument :
MSVOA_V
ClientSampleId :

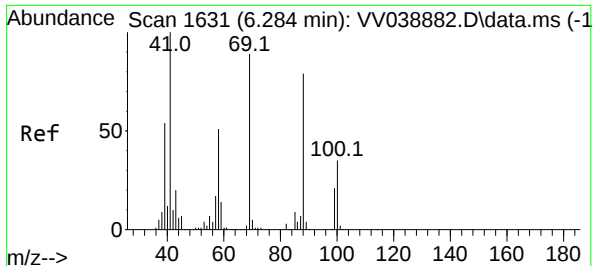
Tgt Ion: 83 Resp: 422693
Ion Ratio Lower Upper
83 100
85 64.2 51.4 77.0
127 8.6 6.9 10.3



#48
Methyl methacrylate
Concen: 54.620 ug/l
RT: 6.294 min Scan# 1634
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

Tgt Ion: 41 Resp: 252821
Ion Ratio Lower Upper
41 100
69 99.3 79.4 119.2
39 55.0 44.0 66.0





#49

1,4-Dioxane

Concen: 1088.715 ug/l

RT: 6.284 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038882.D

Acq: 11 Jul 2025 09:34

Instrument :

MSVOA_V

ClientSampleId :

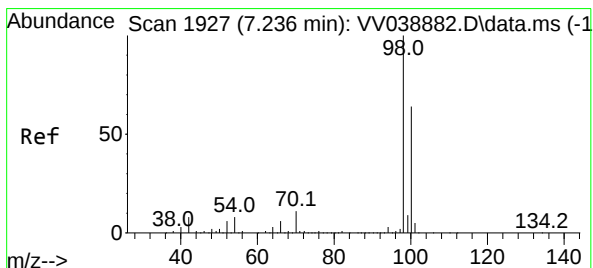
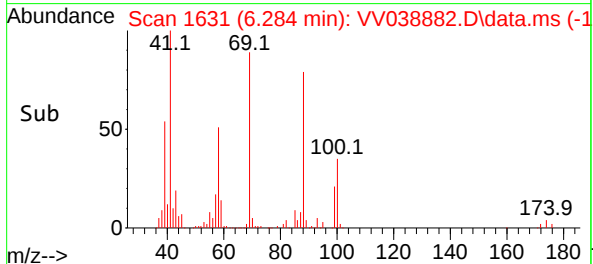
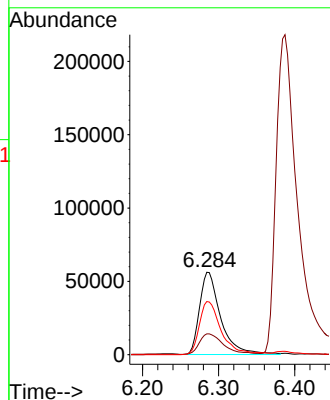
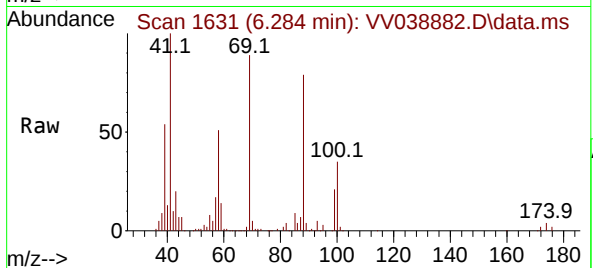
Tgt Ion: 88 Resp: 108156

Ion Ratio Lower Upper

88 100

43 28.7 23.0 34.4

58 67.2 53.8 80.6



#50

Toluene-d8

Concen: 48.644 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VV038882.D

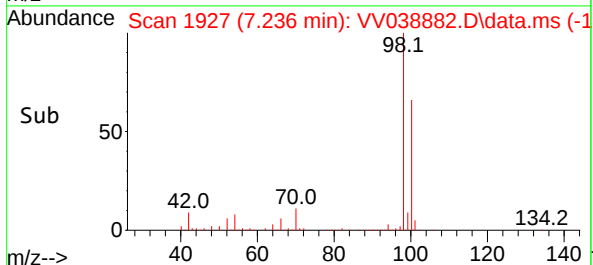
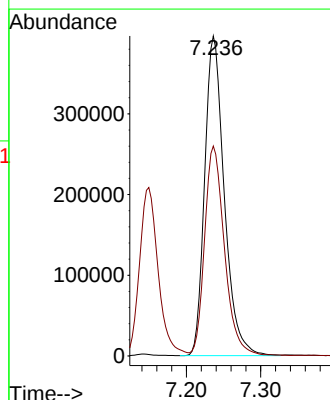
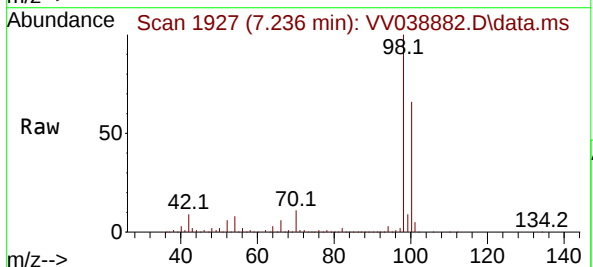
Acq: 11 Jul 2025 09:34

Tgt Ion: 98 Resp: 726218

Ion Ratio Lower Upper

98 100

100 66.1 52.9 79.3

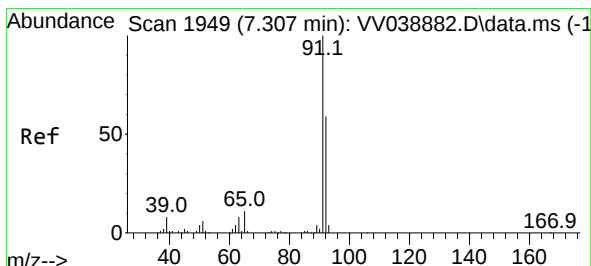
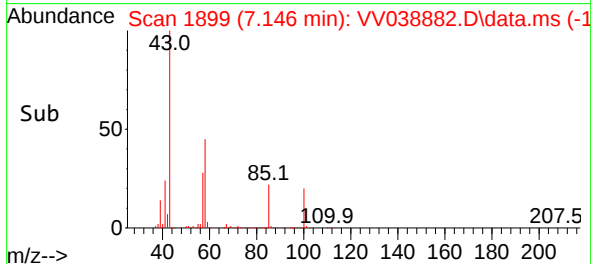
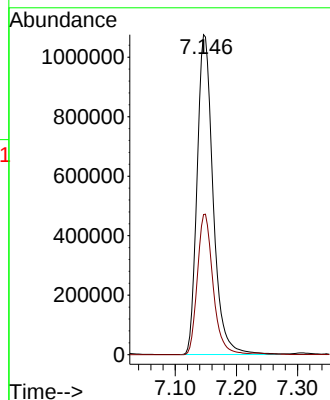
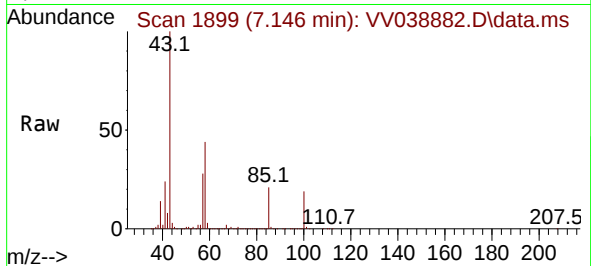




#51
4-Methyl-2-Pentanone
Concen: 271.506 ug/l
RT: 7.146 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

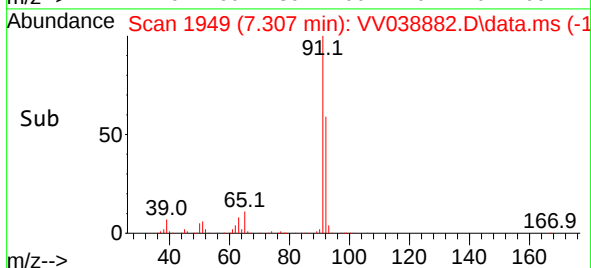
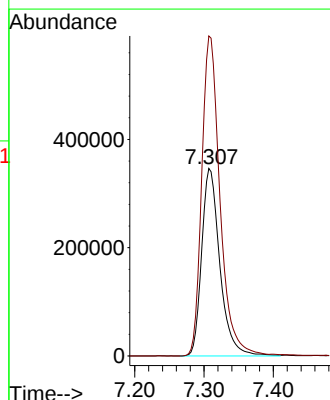
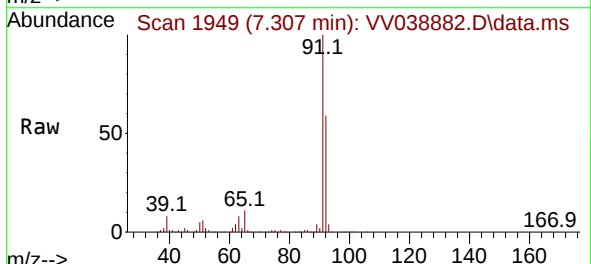
Instrument :
MSVOA_V
ClientSampleId :

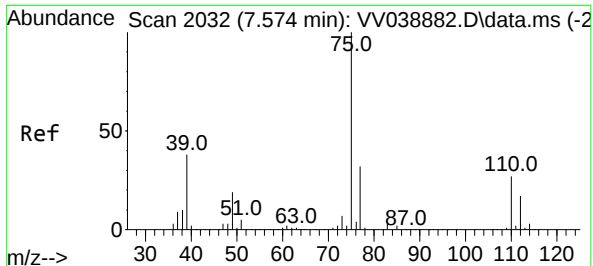
Tgt Ion: 43 Resp: 1954022
Ion Ratio Lower Upper
43 100
58 43.1 34.5 51.7



#52
Toluene
Concen: 52.097 ug/l
RT: 7.307 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

Tgt Ion: 92 Resp: 631518
Ion Ratio Lower Upper
92 100
91 171.4 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 52.434 ug/l

RT: 7.574 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VV038882.D

Acq: 11 Jul 2025 09:34

Instrument :

MSVOA_V

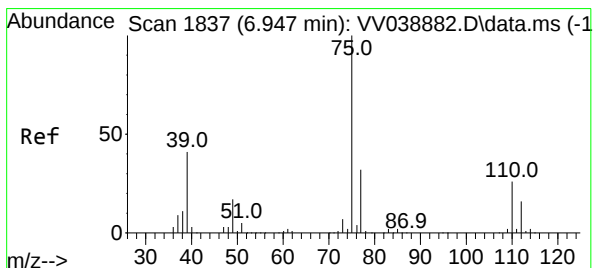
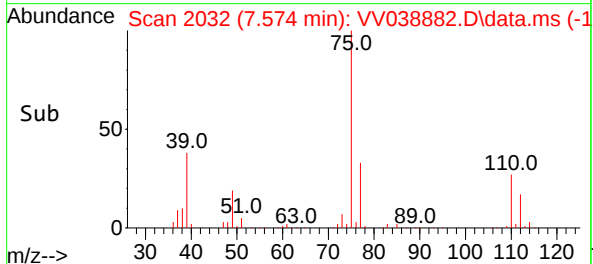
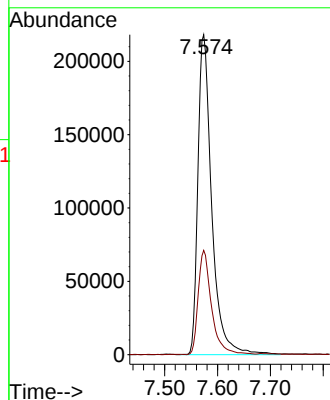
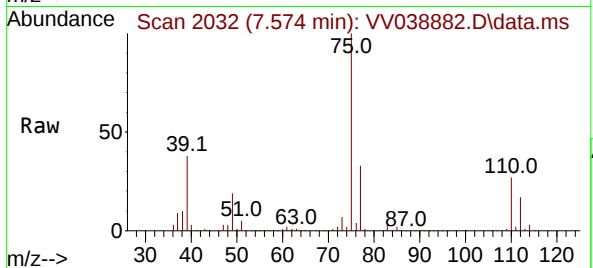
ClientSampleId :

Tgt Ion: 75 Resp: 395999

Ion Ratio Lower Upper

75 100

77 32.5 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 51.252 ug/l

RT: 6.947 min Scan# 1837

Delta R.T. 0.000 min

Lab File: VV038882.D

Acq: 11 Jul 2025 09:34

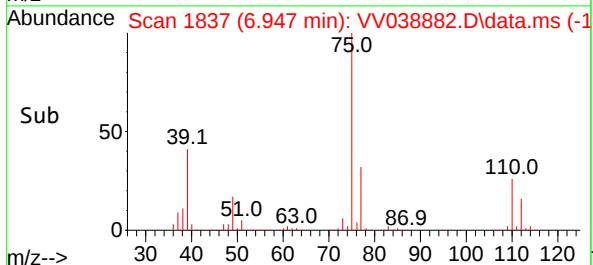
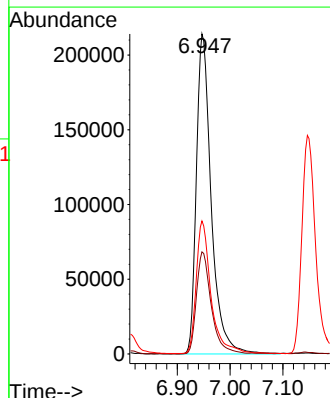
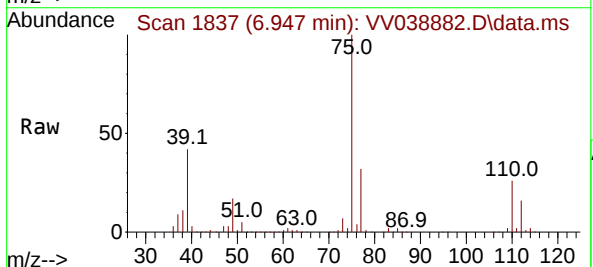
Tgt Ion: 75 Resp: 418423

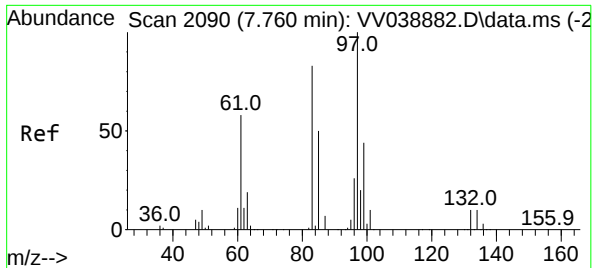
Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

39 41.4 33.1 49.7



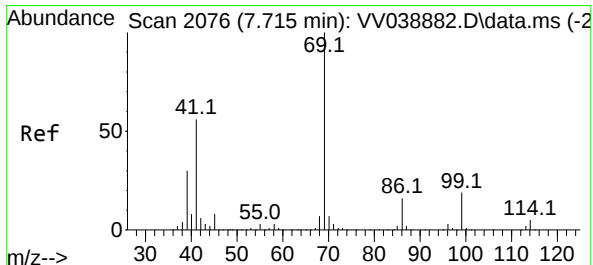
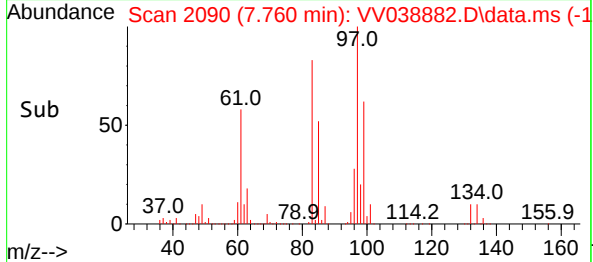
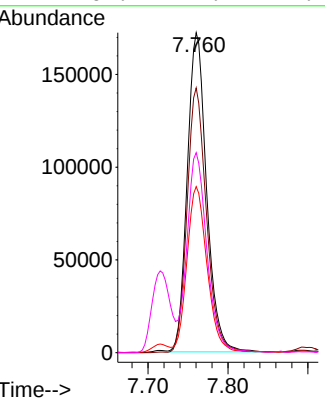
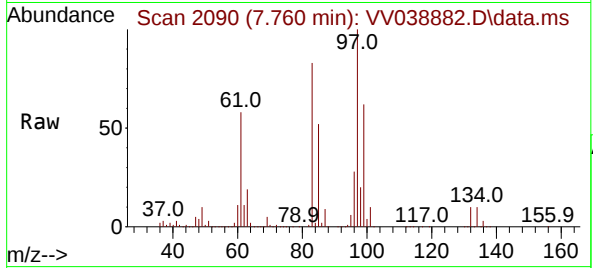


#55
 1,1,2-Trichloroethane
 Concen: 50.041 ug/l
 RT: 7.760 min Scan# 2090
 Delta R.T. 0.000 min
 Lab File: VV038882.D
 Acq: 11 Jul 2025 09:34

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 97 Resp: 289941

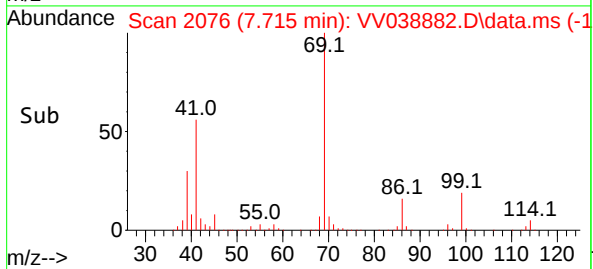
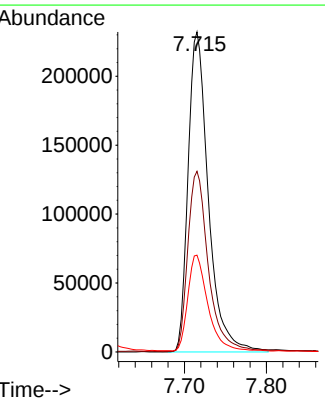
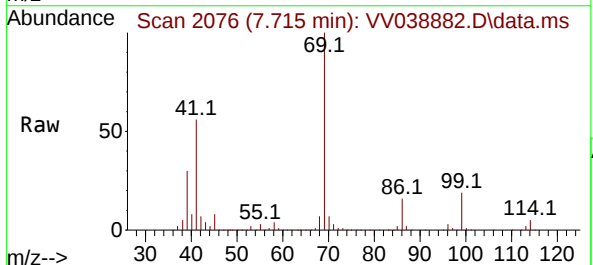
Ion	Ratio	Lower	Upper
97	100		
83	82.8	66.2	99.4
85	51.8	41.4	62.2
99	62.4	49.9	74.9

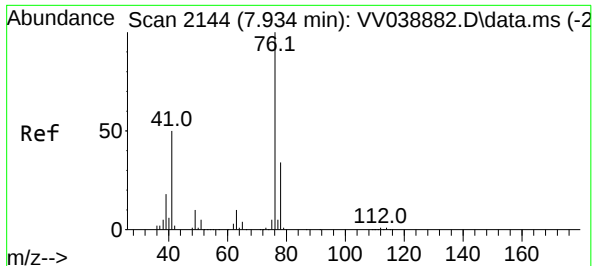


#56
 Ethyl methacrylate
 Concen: 57.758 ug/l
 RT: 7.715 min Scan# 2076
 Delta R.T. 0.000 min
 Lab File: VV038882.D
 Acq: 11 Jul 2025 09:34

Tgt Ion: 69 Resp: 397681

Ion	Ratio	Lower	Upper
69	100		
41	57.1	45.7	68.5
39	29.8	23.8	35.8





#57

1,3-Dichloropropane

Concen: 51.418 ug/l

RT: 7.934 min Scan# 2144

Delta R.T. 0.000 min

Lab File: VV038882.D

Acq: 11 Jul 2025 09:34

Instrument :

MSVOA_V

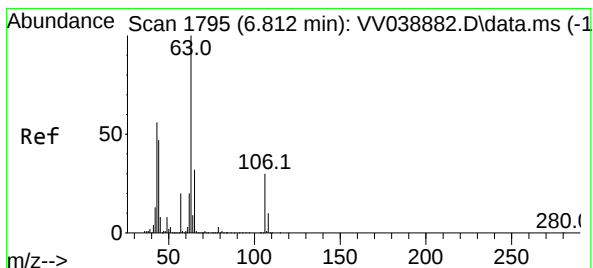
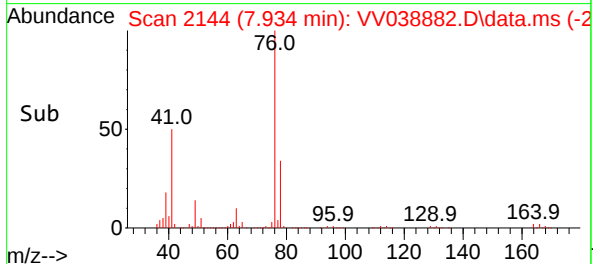
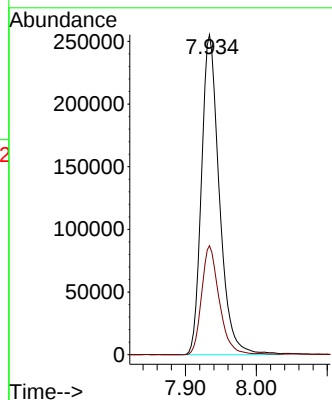
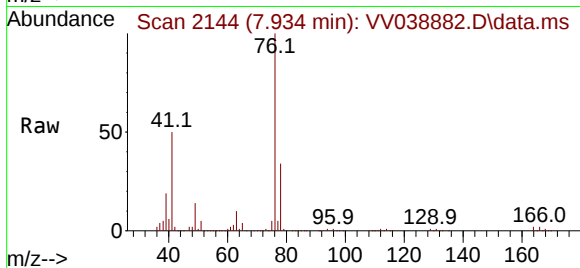
ClientSampleId :

Tgt Ion: 76 Resp: 446704

Ion Ratio Lower Upper

76 100

78 33.5 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 253.426 ug/l

RT: 6.812 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VV038882.D

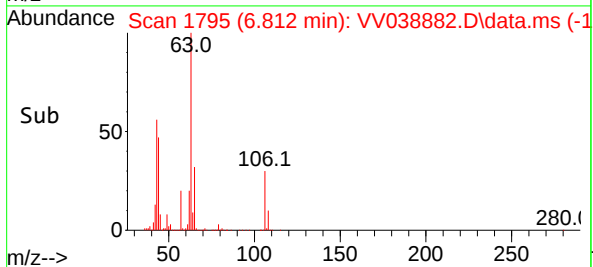
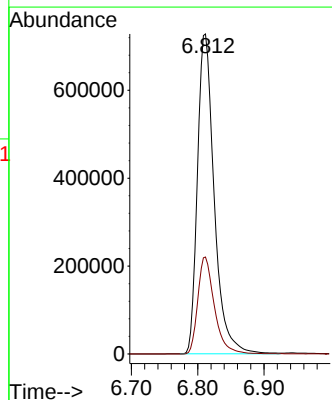
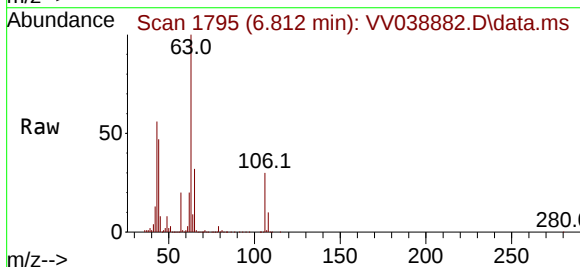
Acq: 11 Jul 2025 09:34

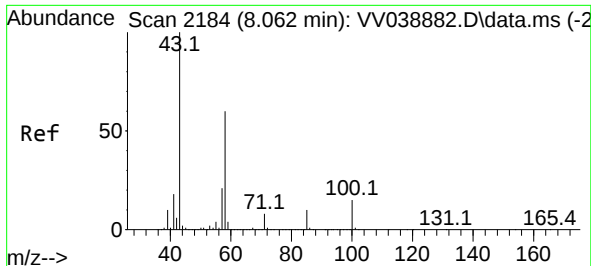
Tgt Ion: 63 Resp: 1277093

Ion Ratio Lower Upper

63 100

106 30.1 24.1 36.1

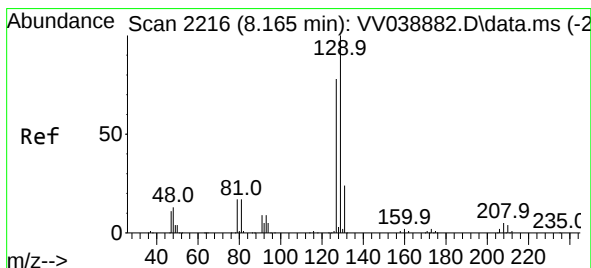
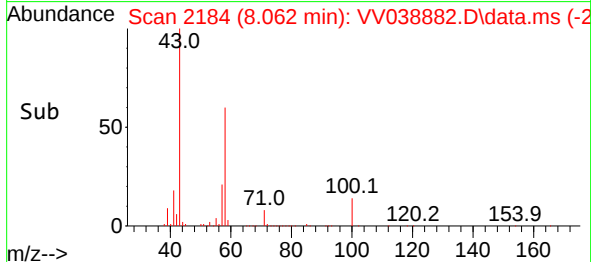
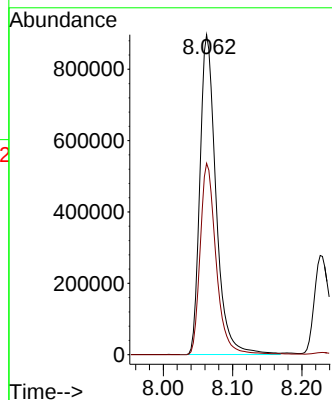
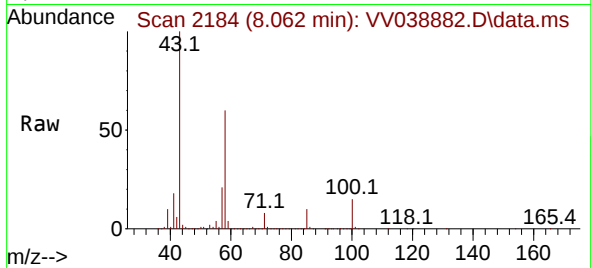




#59
2-Hexanone
Concen: 270.875 ug/l
RT: 8.062 min Scan# 2184
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

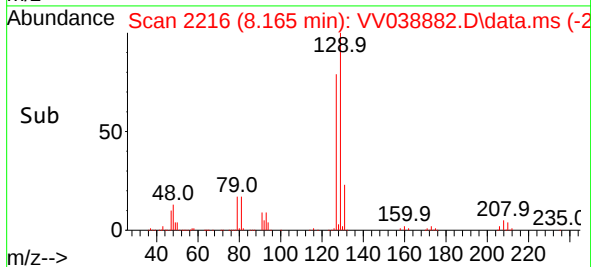
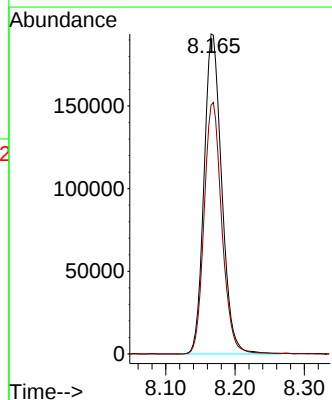
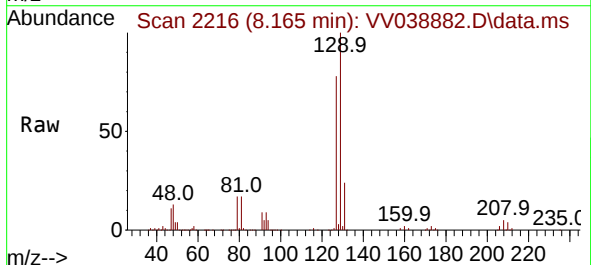
Instrument :
MSVOA_V
ClientSampleId :

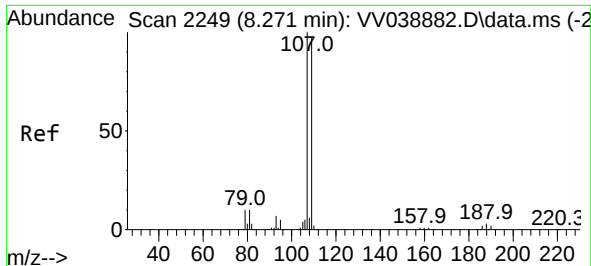
Tgt Ion: 43 Resp: 1451210
Ion Ratio Lower Upper
43 100
58 59.2 29.6 88.8



#60
Dibromochloromethane
Concen: 50.233 ug/l
RT: 8.165 min Scan# 2216
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

Tgt Ion: 129 Resp: 342748
Ion Ratio Lower Upper
129 100
127 78.8 39.4 118.2

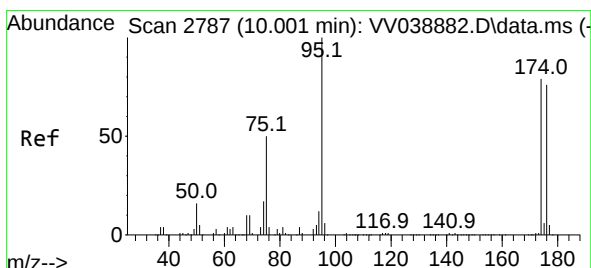
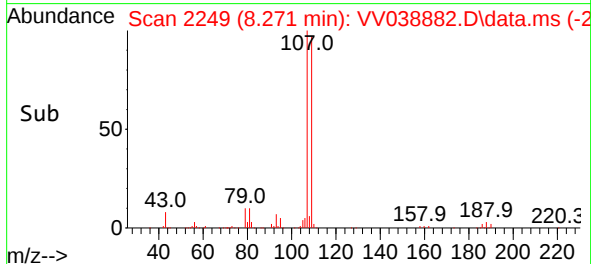
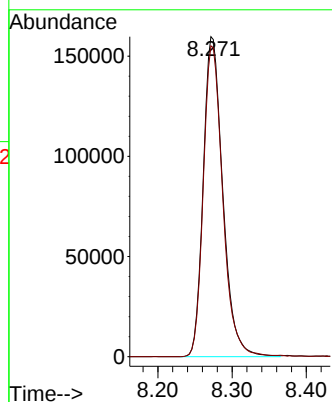
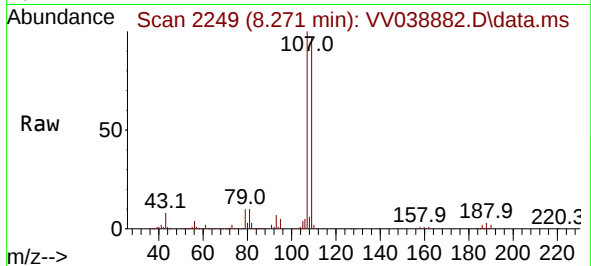




#61
1,2-Dibromoethane
Concen: 50.034 ug/l
RT: 8.271 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

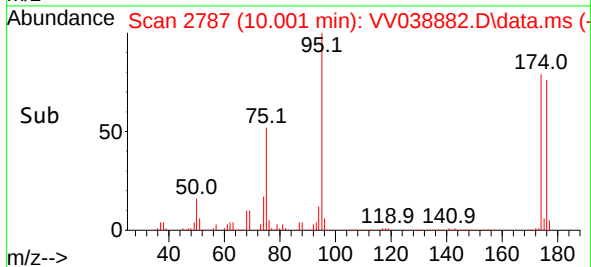
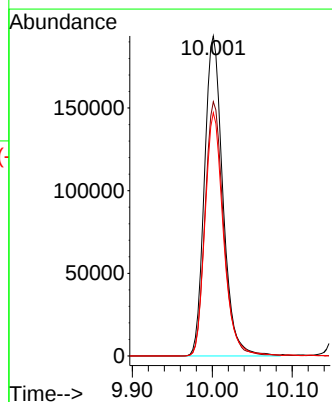
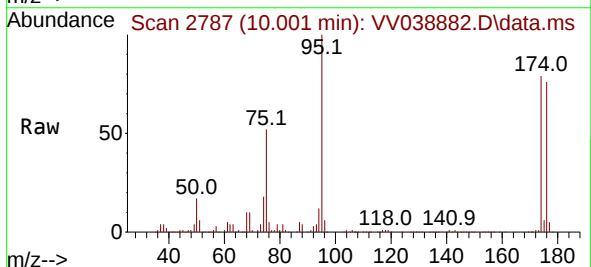
Instrument :
MSVOA_V
ClientSampleId :

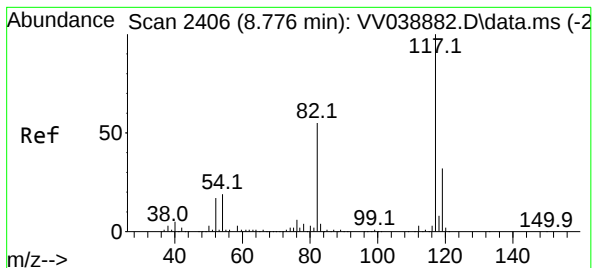
Tgt Ion:107 Resp: 292058
Ion Ratio Lower Upper
107 100
109 96.4 77.1 115.7



#62
4-Bromofluorobenzene
Concen: 51.572 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

Tgt Ion: 95 Resp: 310159
Ion Ratio Lower Upper
95 100
174 80.0 0.0 160.0
176 76.1 0.0 152.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.776 min Scan# 2406

Delta R.T. 0.000 min

Lab File: VV038882.D

Acq: 11 Jul 2025 09:34

Instrument :

MSVOA_V

ClientSampleId :

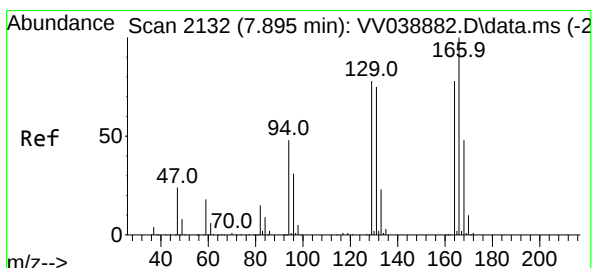
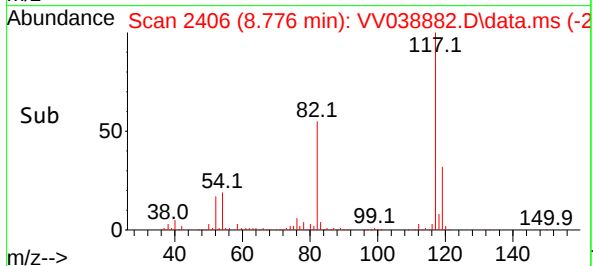
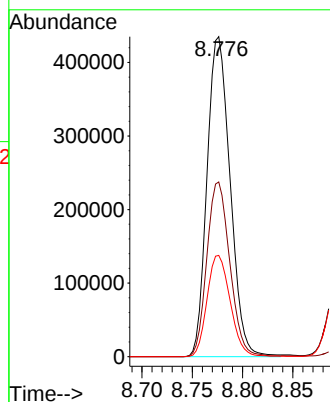
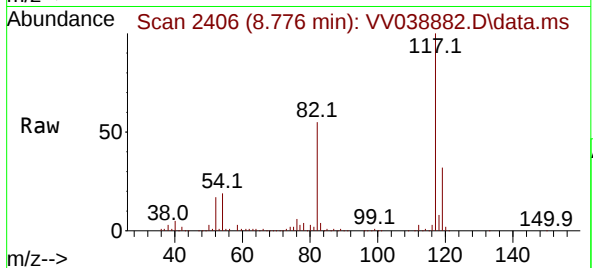
Tgt Ion:117 Resp: 694917

Ion Ratio Lower Upper

117 100

82 54.6 43.7 65.5

119 31.7 25.4 38.0



#64

Tetrachloroethene

Concen: 46.274 ug/l

RT: 7.895 min Scan# 2132

Delta R.T. 0.000 min

Lab File: VV038882.D

Acq: 11 Jul 2025 09:34

Tgt Ion:164 Resp: 210893

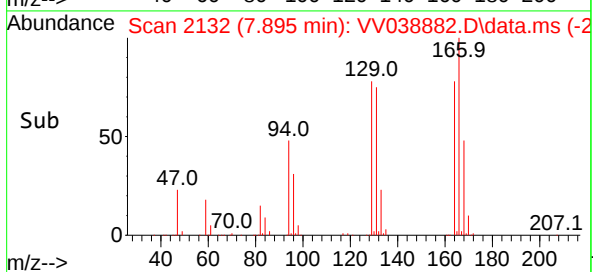
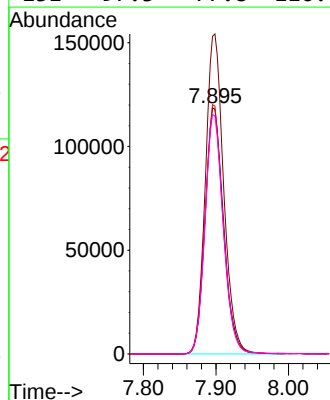
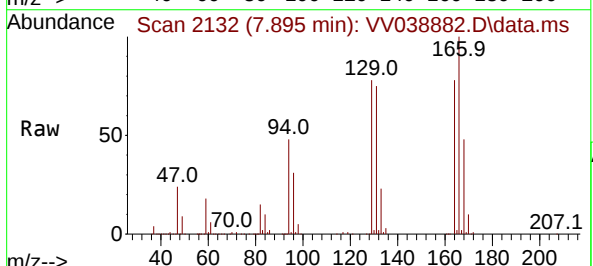
Ion Ratio Lower Upper

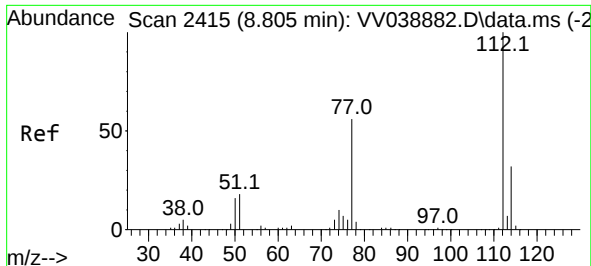
164 100

166 129.0 103.2 154.8

129 101.2 81.0 121.4

131 97.3 77.8 116.8

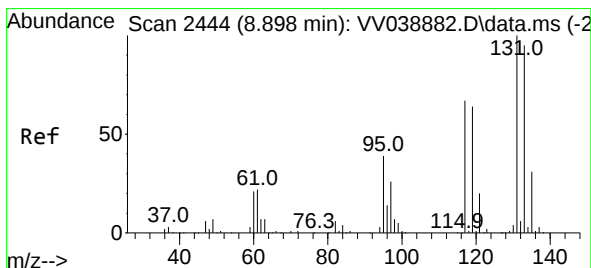
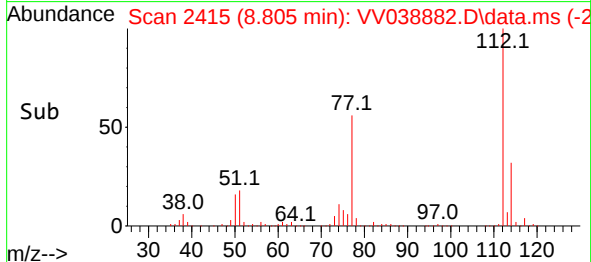
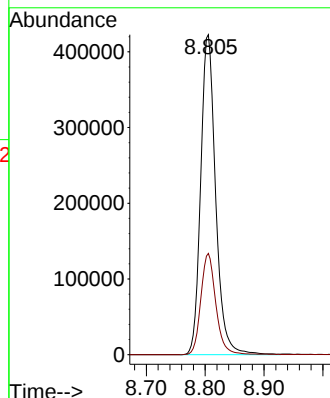
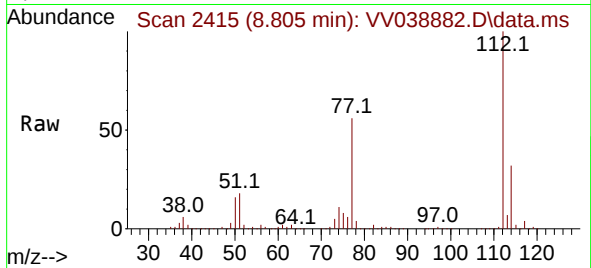




#65
Chlorobenzene
Concen: 49.117 ug/l
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

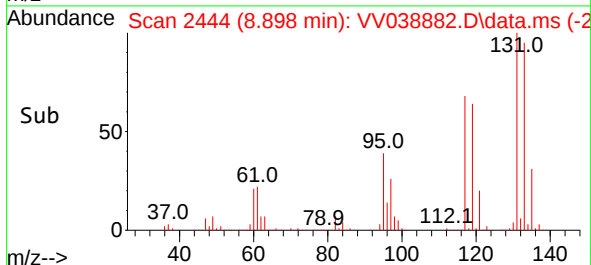
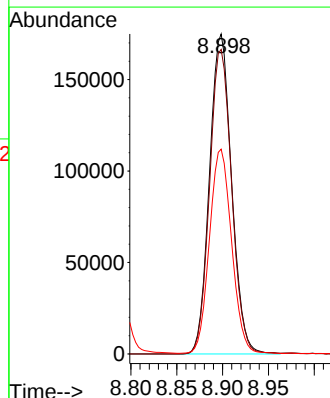
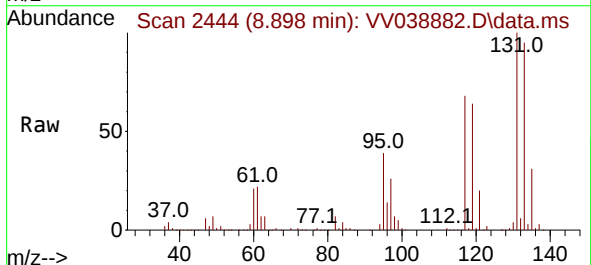
Instrument :
MSVOA_V
ClientSampleId :

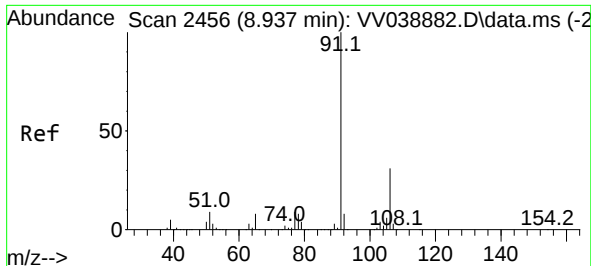
Tgt Ion:112 Resp: 745801
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 48.449 ug/l
RT: 8.898 min Scan# 2444
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

Tgt Ion:131 Resp: 293379
Ion Ratio Lower Upper
131 100
133 95.3 47.6 142.9
119 64.1 32.0 96.2





#67

Ethyl Benzene

Concen: 54.262 ug/l

RT: 8.937 min Scan# 2456

Delta R.T. 0.000 min

Lab File: VV038882.D

Acq: 11 Jul 2025 09:34

Instrument :

MSVOA_V

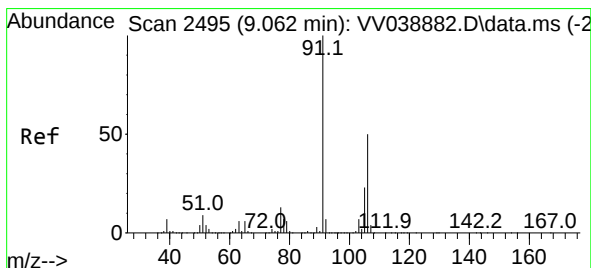
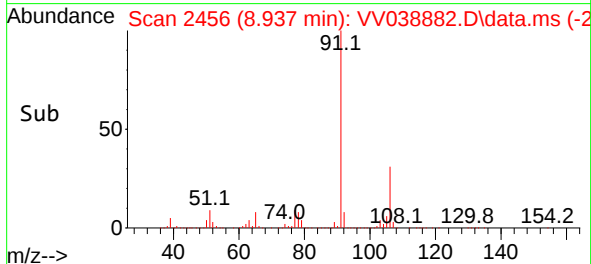
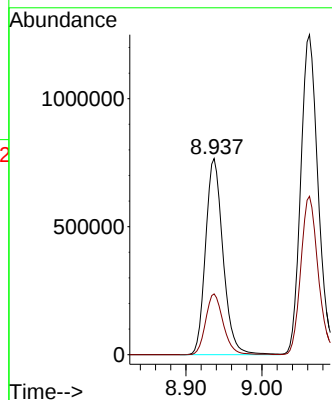
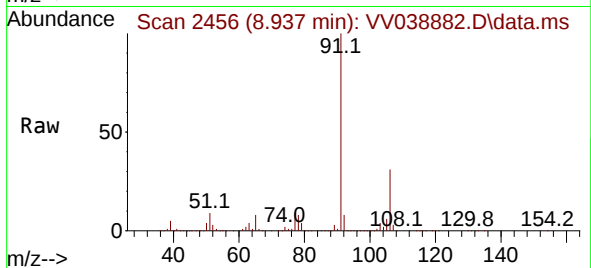
ClientSampleId :

Tgt Ion: 91 Resp: 1223426

Ion Ratio Lower Upper

91 100

106 31.0 24.8 37.2



#68

m/p-Xylenes

Concen: 112.560 ug/l

RT: 9.062 min Scan# 2495

Delta R.T. 0.000 min

Lab File: VV038882.D

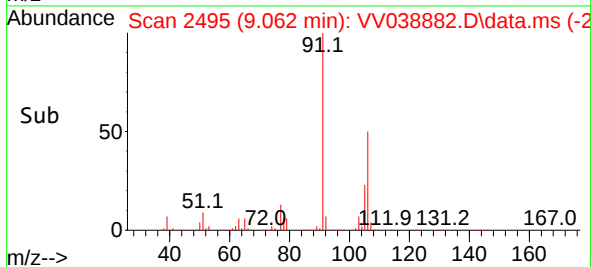
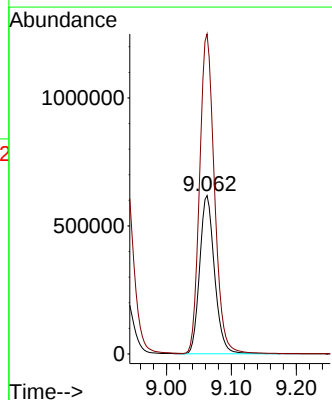
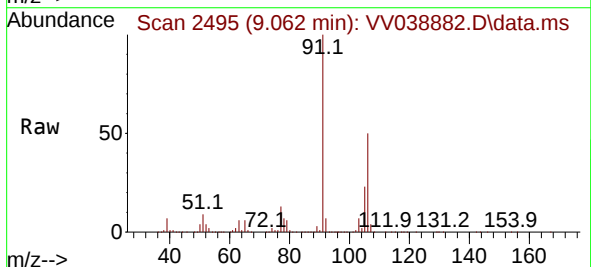
Acq: 11 Jul 2025 09:34

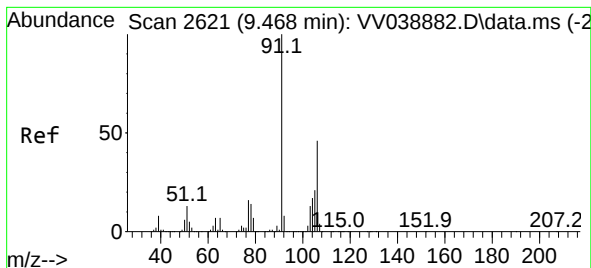
Tgt Ion:106 Resp: 988067

Ion Ratio Lower Upper

106 100

91 201.3 161.0 241.6





#69

o-Xylene

Concen: 55.073 ug/l

RT: 9.468 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV038882.D

Acq: 11 Jul 2025 09:34

Instrument :

MSVOA_V

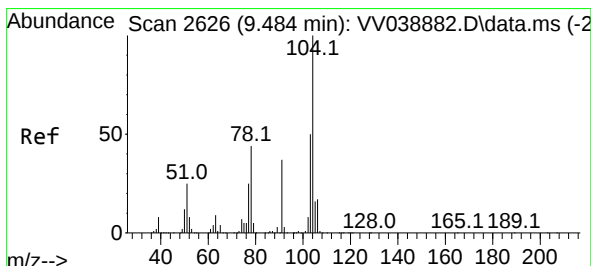
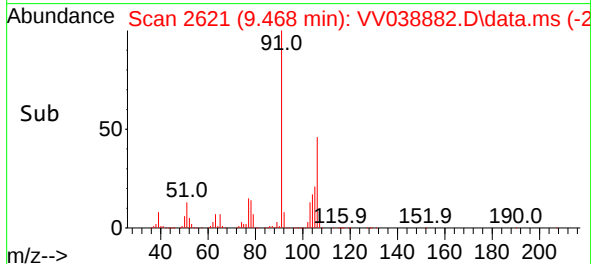
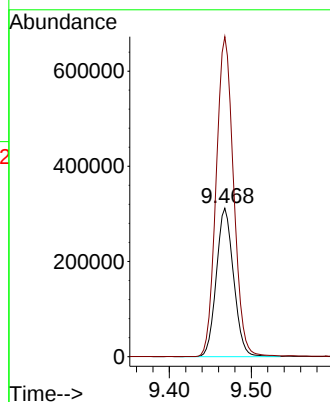
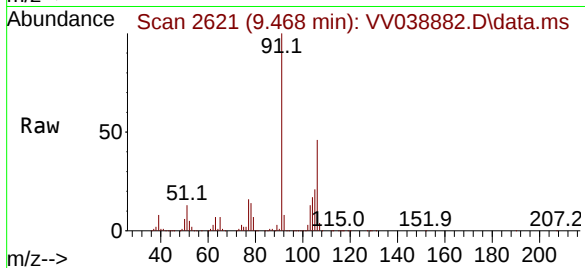
ClientSampleId :

Tgt Ion:106 Resp: 456295

Ion Ratio Lower Upper

106 100

91 217.7 108.9 326.6



#70

Styrene

Concen: 57.775 ug/l

RT: 9.484 min Scan# 2626

Delta R.T. 0.000 min

Lab File: VV038882.D

Acq: 11 Jul 2025 09:34

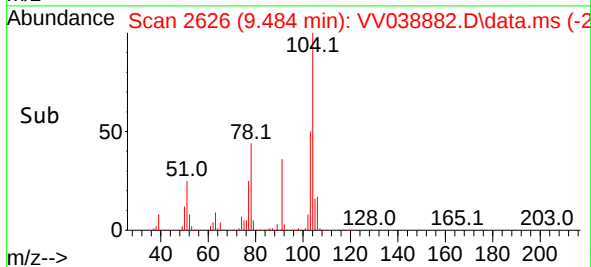
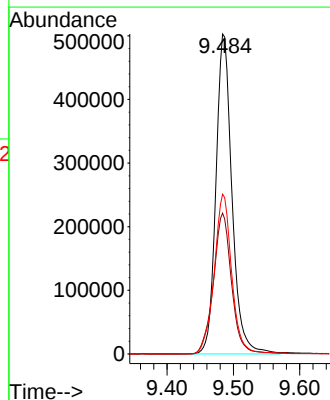
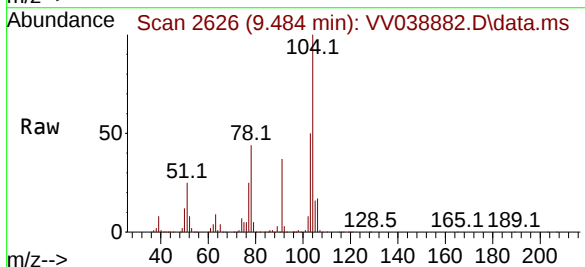
Tgt Ion:104 Resp: 846023

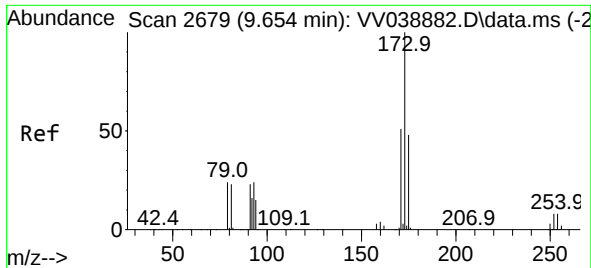
Ion Ratio Lower Upper

104 100

78 49.9 39.9 59.9

103 54.3 43.4 65.2

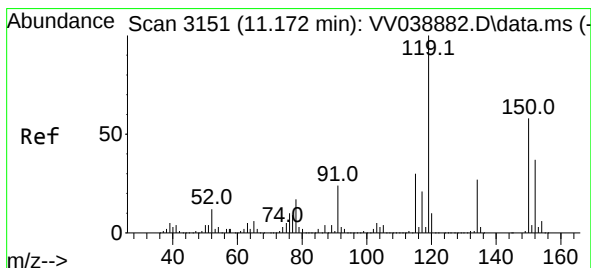
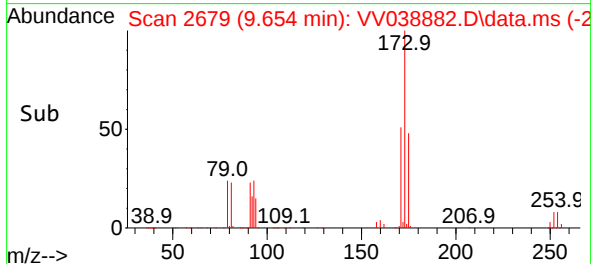
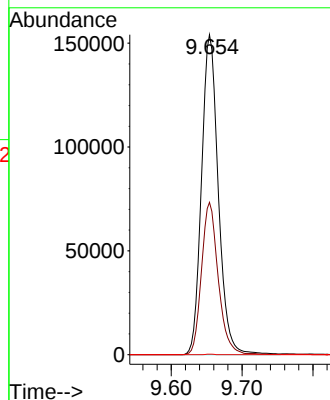
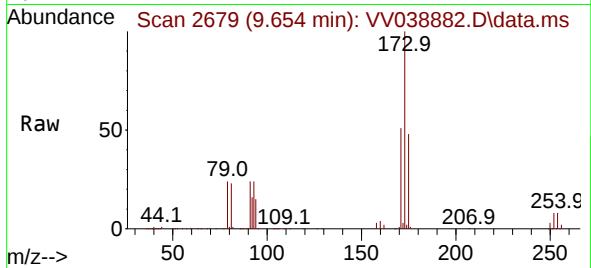




#71
Bromoform
Concen: 51.549 ug/l
RT: 9.654 min Scan# 2679
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

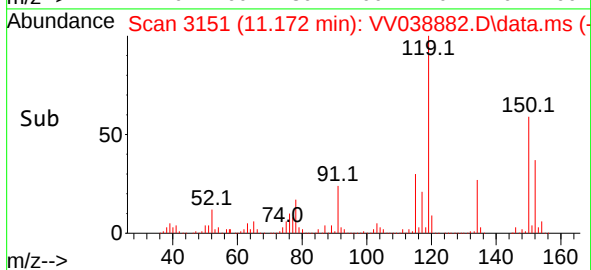
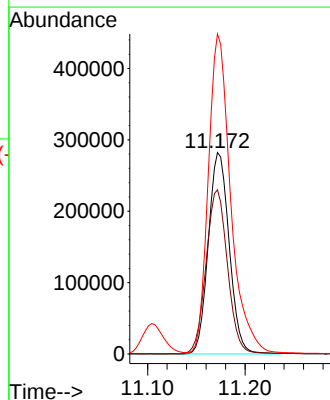
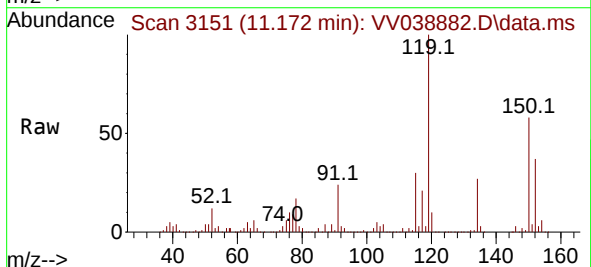
Instrument :
MSVOA_V
ClientSampleId :

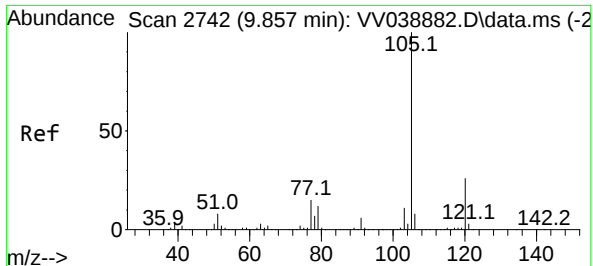
Tgt Ion:173 Resp: 253726
Ion Ratio Lower Upper
173 100
175 47.1 23.5 70.6
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

Tgt Ion:152 Resp: 419841
Ion Ratio Lower Upper
152 100
115 83.6 41.8 125.4
150 171.2 0.0 342.4

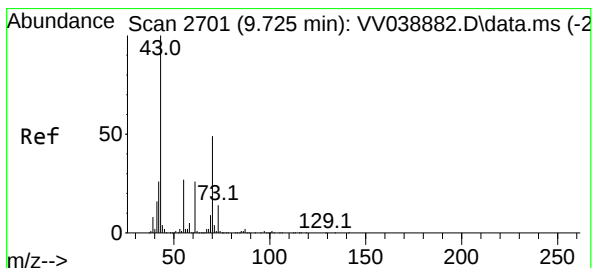
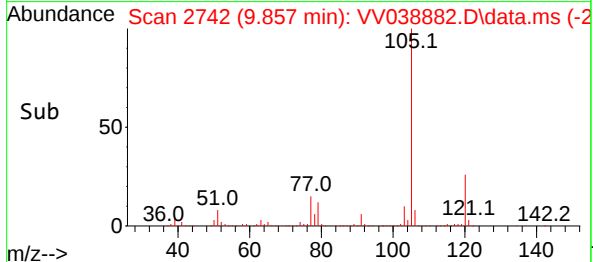
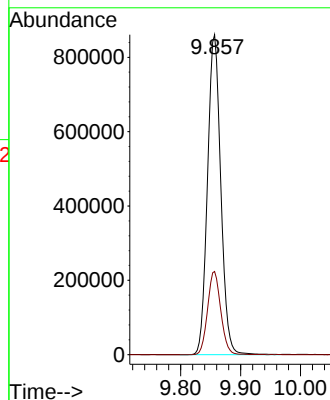
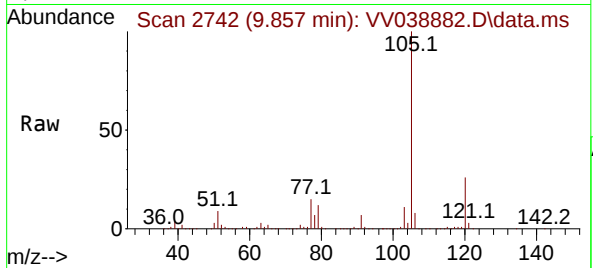




#73
Isopropylbenzene
Concen: 52.876 ug/l
RT: 9.857 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

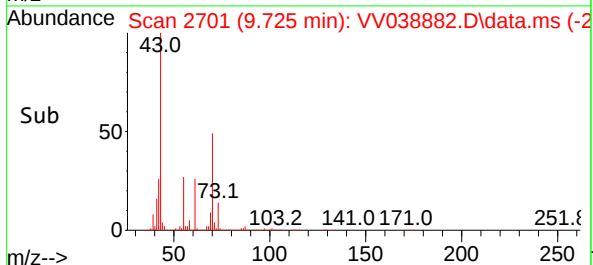
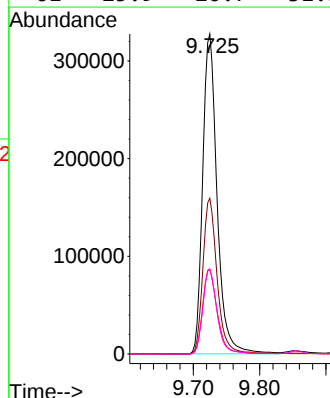
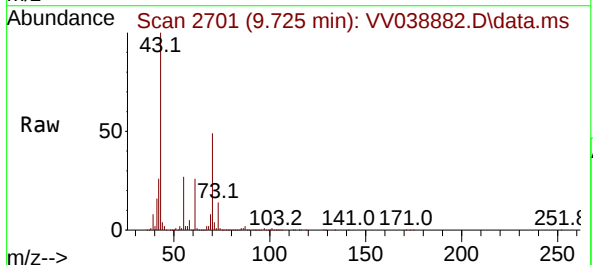
Instrument :
MSVOA_V
ClientSampleId :

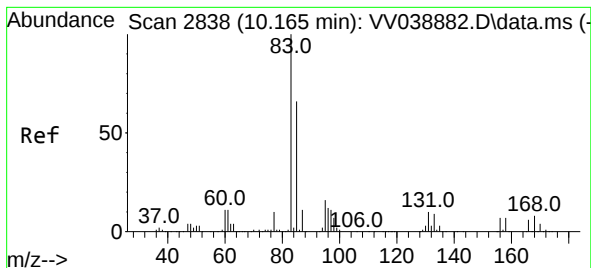
Tgt Ion:105 Resp: 1326446
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.7



#74
N-ethyl acetate
Concen: 53.799 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

Tgt Ion: 43 Resp: 494380
Ion Ratio Lower Upper
43 100
70 48.3 38.6 58.0
55 27.3 21.8 32.8
61 25.9 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 46.785 ug/l

RT: 10.165 min Scan# 2838

Delta R.T. 0.000 min

Lab File: VV038882.D

Acq: 11 Jul 2025 09:34

Instrument :

MSVOA_V

ClientSampleId :

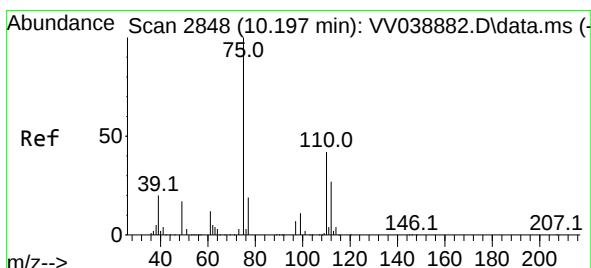
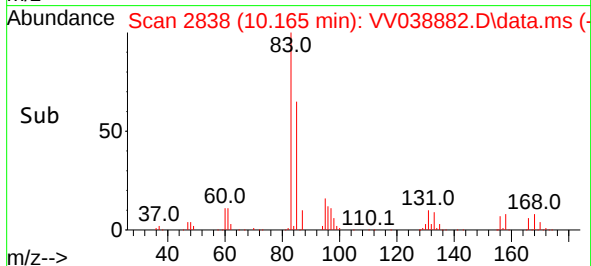
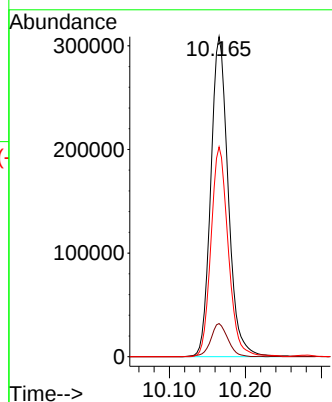
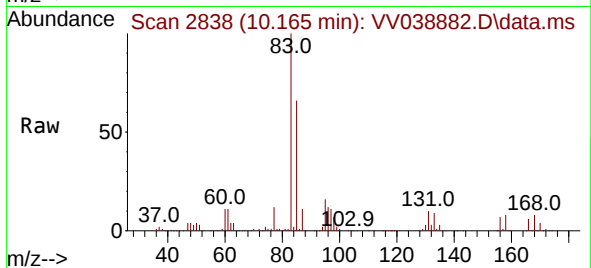
Tgt Ion: 83 Resp: 491601

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

85 65.1 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 47.250 ug/l

RT: 10.197 min Scan# 2848

Delta R.T. 0.000 min

Lab File: VV038882.D

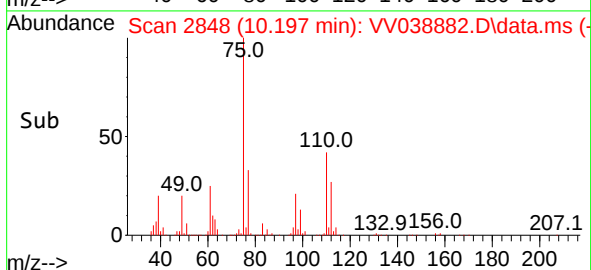
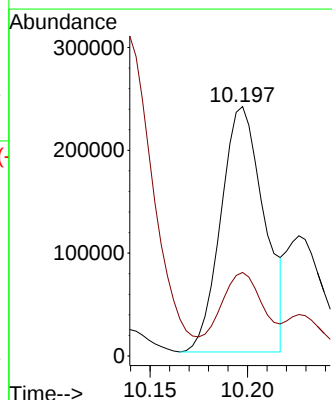
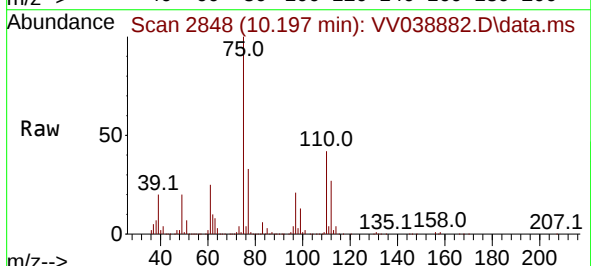
Acq: 11 Jul 2025 09:34

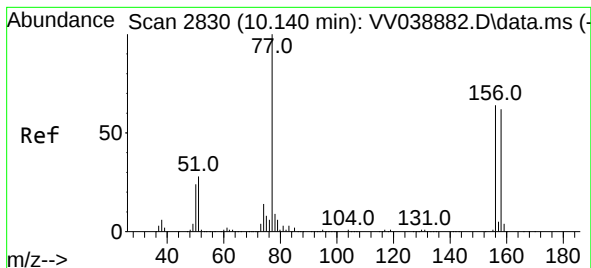
Tgt Ion: 75 Resp: 368830

Ion Ratio Lower Upper

75 100

77 34.9 17.4 52.3





#77

Bromobenzene

Concen: 49.439 ug/l

RT: 10.140 min Scan# 2830

Delta R.T. 0.000 min

Lab File: VV038882.D

Acq: 11 Jul 2025 09:34

Instrument :

MSVOA_V

ClientSampleId :

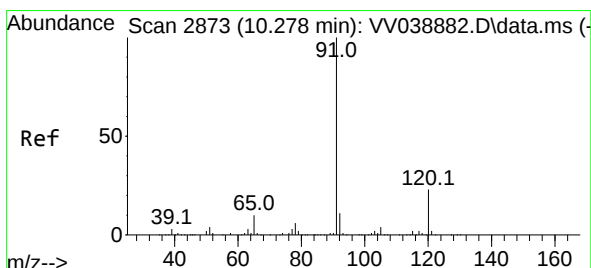
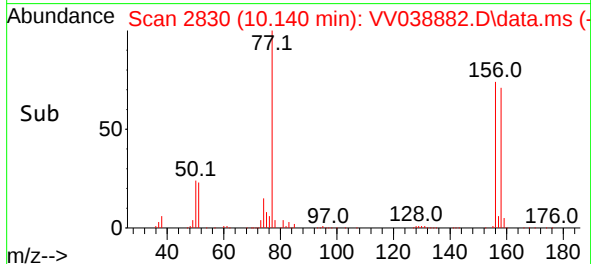
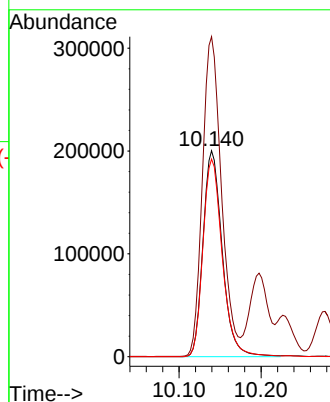
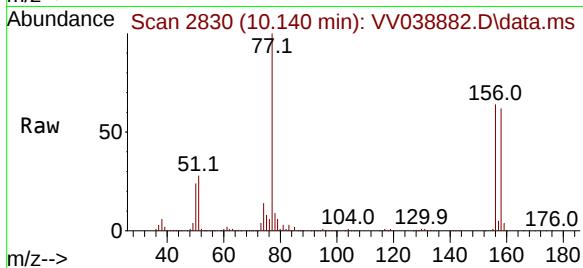
Tgt Ion:156 Resp: 325336

Ion Ratio Lower Upper

156 100

77 154.4 77.2 231.6

158 96.9 48.4 145.3



#78

n-propylbenzene

Concen: 53.398 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. 0.000 min

Lab File: VV038882.D

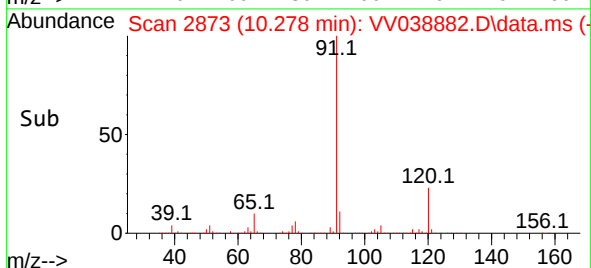
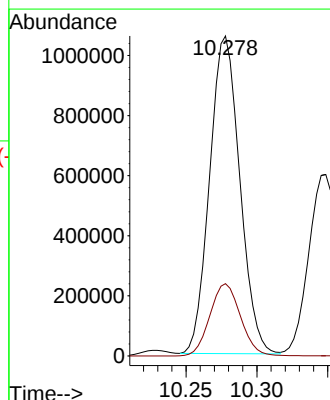
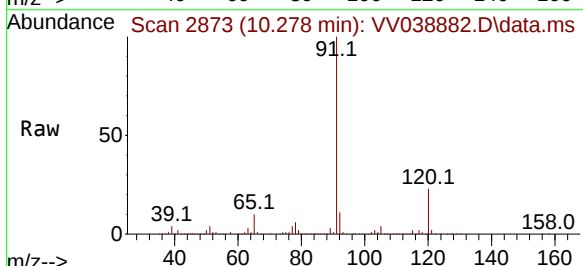
Acq: 11 Jul 2025 09:34

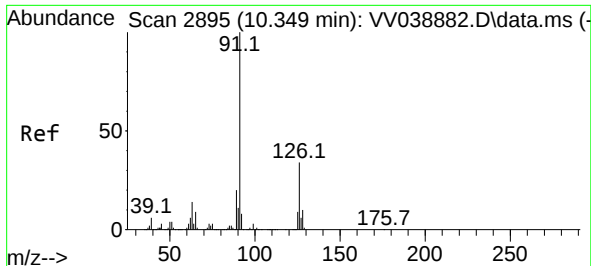
Tgt Ion: 91 Resp: 1565597

Ion Ratio Lower Upper

91 100

120 23.2 11.6 34.8

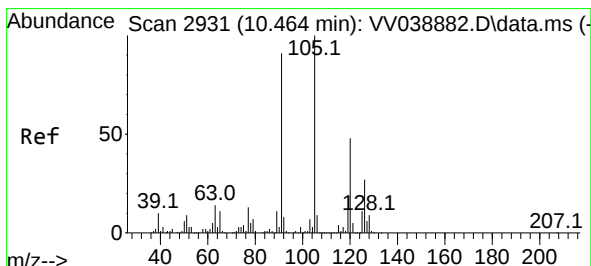
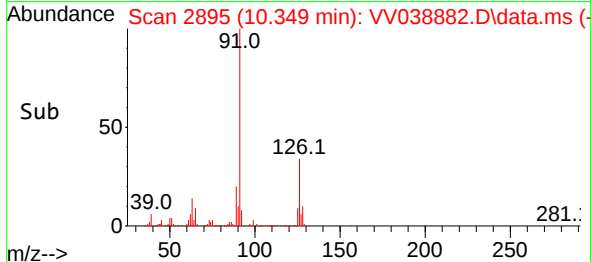
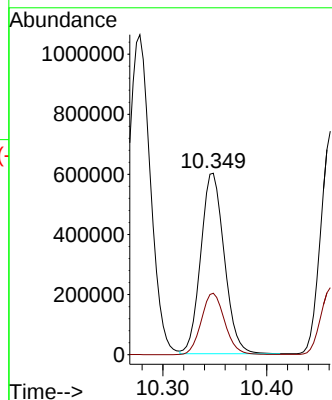
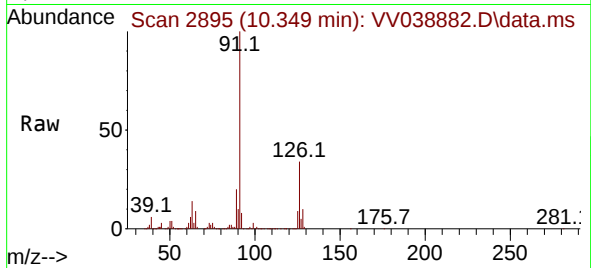




#79
2-Chlorotoluene
Concen: 50.717 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

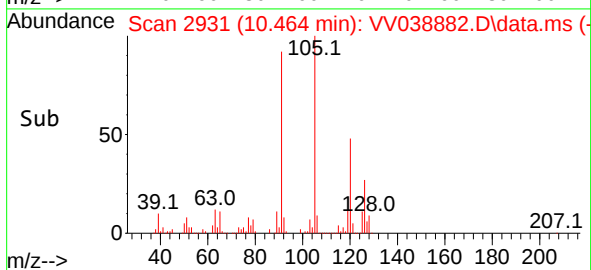
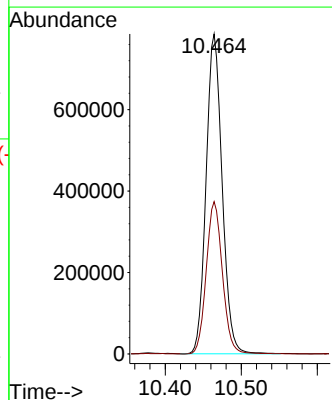
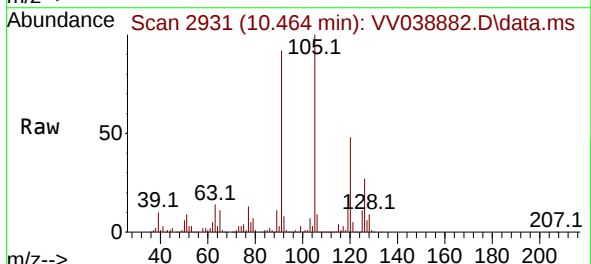
Instrument :
MSVOA_V
ClientSampleId :

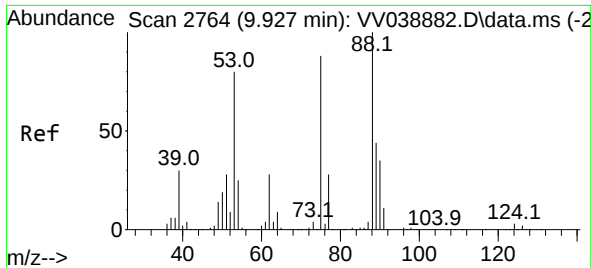
Tgt Ion: 91 Resp: 945667
Ion Ratio Lower Upper
91 100
126 34.1 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 54.424 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

Tgt Ion: 105 Resp: 1151335
Ion Ratio Lower Upper
105 100
120 48.0 24.0 72.0

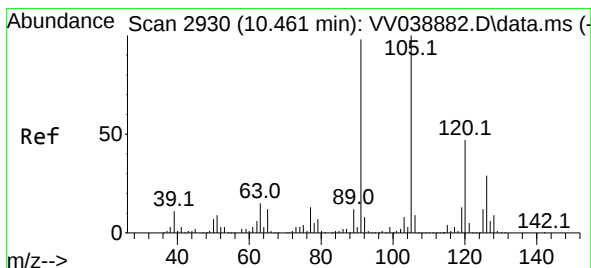
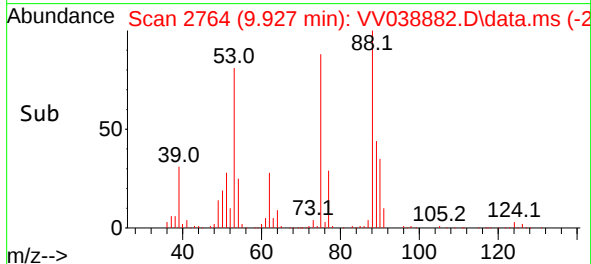
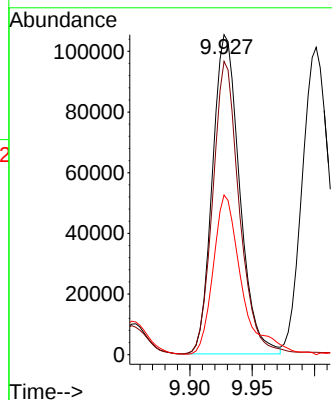
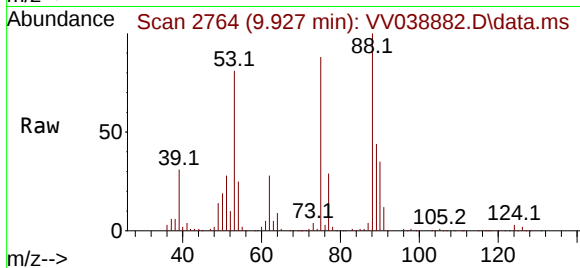




#81
trans-1,4-Dichloro-2-butene
Concen: 50.093 ug/l
RT: 9.927 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

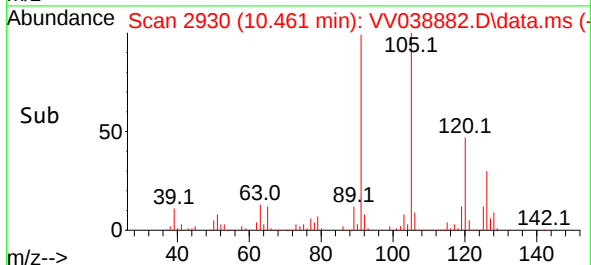
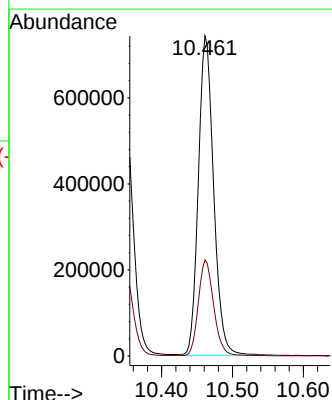
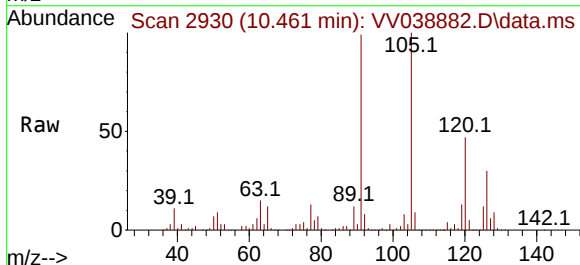
Instrument :
MSVOA_V
ClientSampleId :

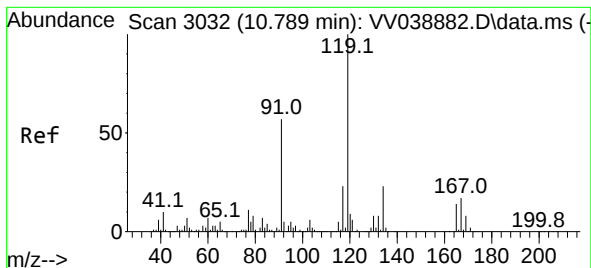
Tgt Ion: 75 Resp: 160233
Ion Ratio Lower Upper
75 100
53 89.1 71.3 106.9
89 52.7 42.2 63.2



#82
4-Chlorotoluene
Concen: 53.285 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

Tgt Ion: 91 Resp: 1110629
Ion Ratio Lower Upper
91 100
126 29.9 14.9 44.9





#83

tert-Butylbenzene

Concen: 52.648 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV038882.D

Acq: 11 Jul 2025 09:34

Instrument :

MSVOA_V

ClientSampleId :

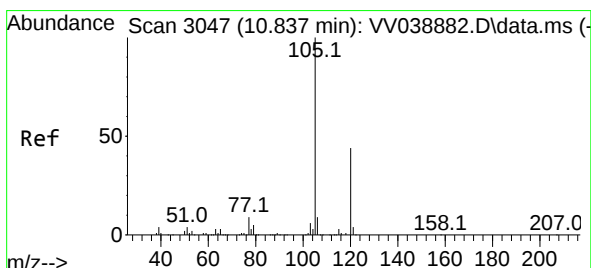
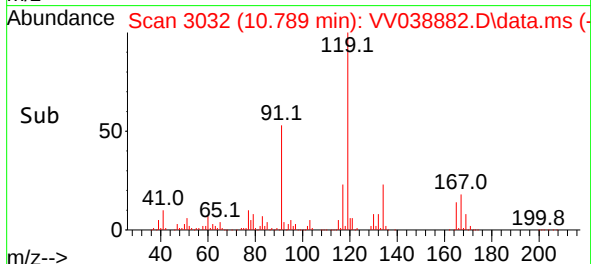
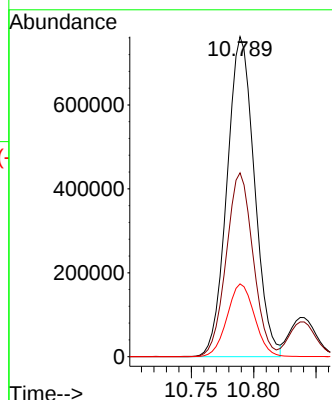
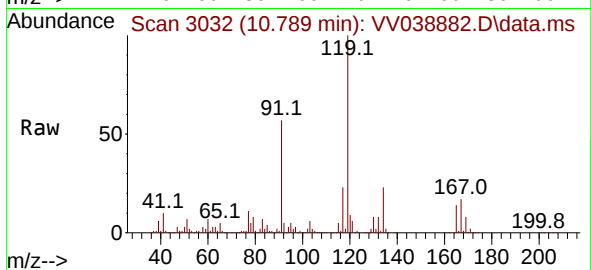
Tgt Ion:119 Resp: 1167729

Ion Ratio Lower Upper

119 100

91 56.1 28.1 84.2

134 22.7 11.4 34.1



#84

1,2,4-Trimethylbenzene

Concen: 55.231 ug/l

RT: 10.837 min Scan# 3047

Delta R.T. 0.000 min

Lab File: VV038882.D

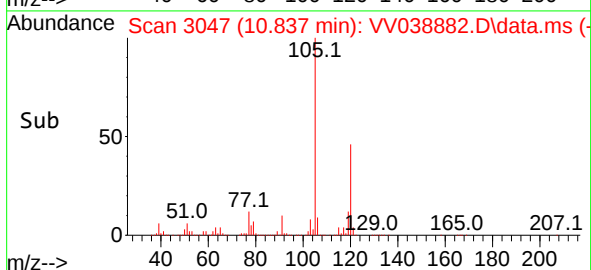
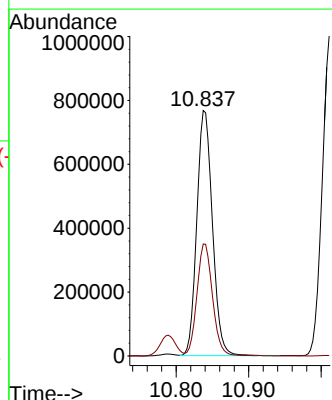
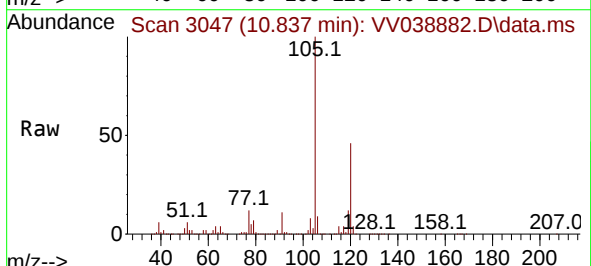
Acq: 11 Jul 2025 09:34

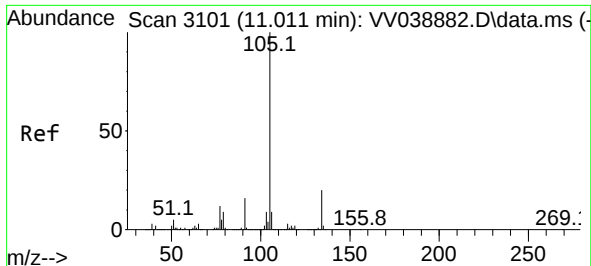
Tgt Ion:105 Resp: 1149690

Ion Ratio Lower Upper

105 100

120 45.2 22.6 67.8

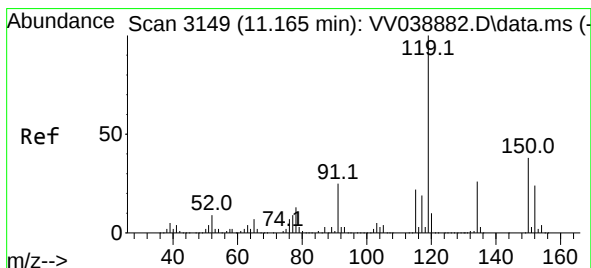
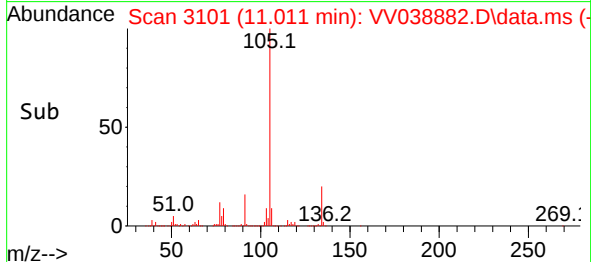
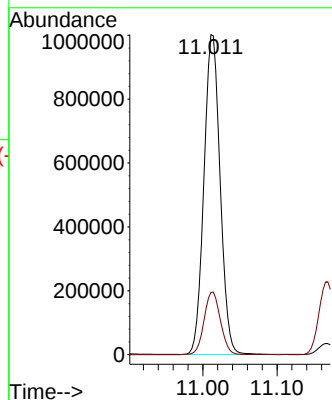
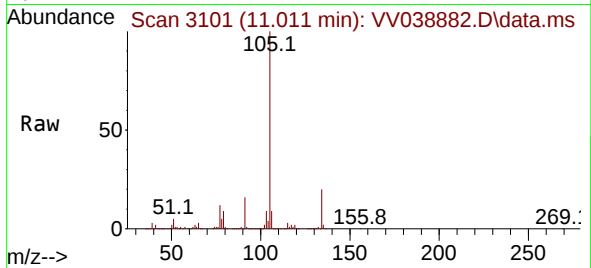




#85
 sec-Butylbenzene
 Concen: 53.430 ug/l
 RT: 11.011 min Scan# 3101
 Delta R.T. 0.000 min
 Lab File: VV038882.D
 Acq: 11 Jul 2025 09:34

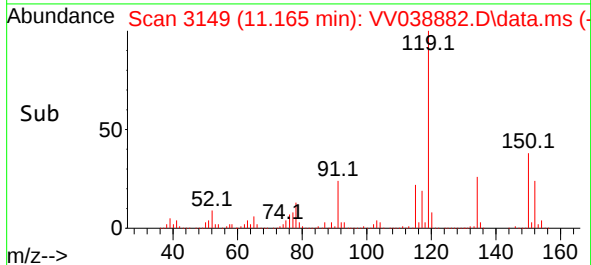
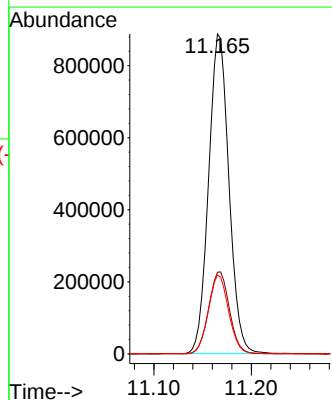
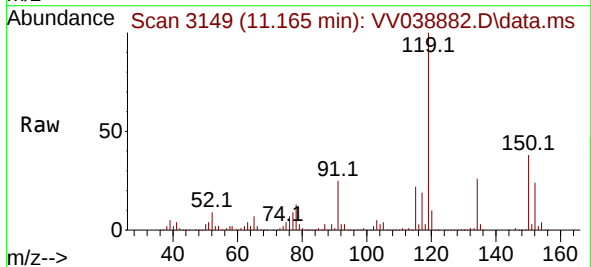
Instrument :
 MSVOA_V
 ClientSampleId :

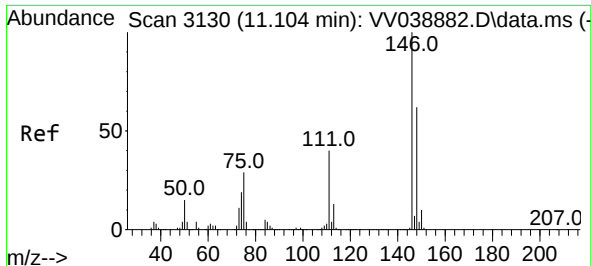
Tgt Ion:105 Resp: 1512487
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 53.435 ug/l
 RT: 11.165 min Scan# 3149
 Delta R.T. 0.000 min
 Lab File: VV038882.D
 Acq: 11 Jul 2025 09:34

Tgt Ion:119 Resp: 1284253
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.3
 91 24.5 12.3 36.8

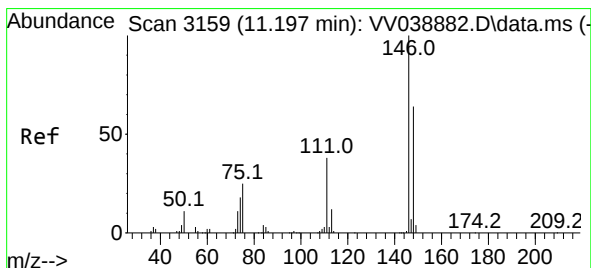
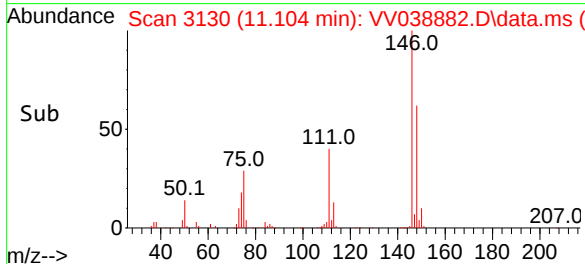
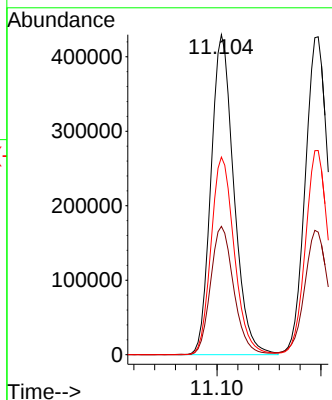
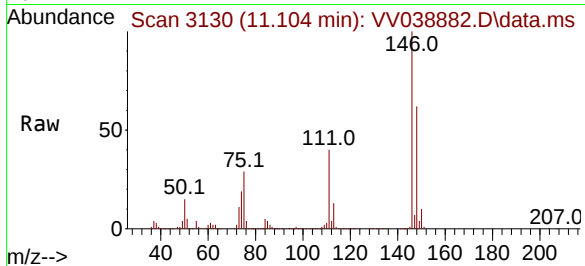




#87
1,3-Dichlorobenzene
Concen: 48.968 ug/l
RT: 11.104 min Scan# 3130
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

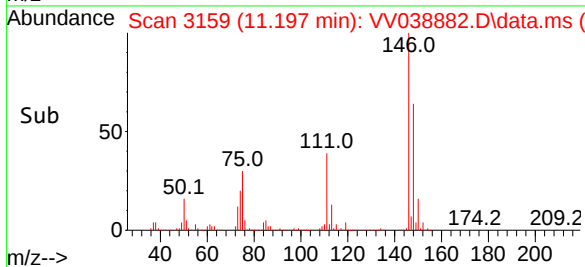
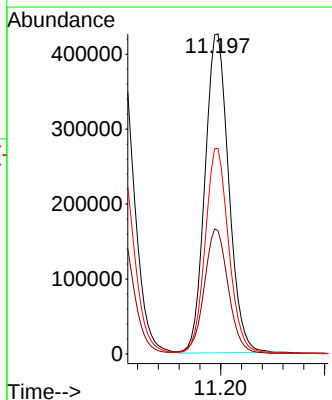
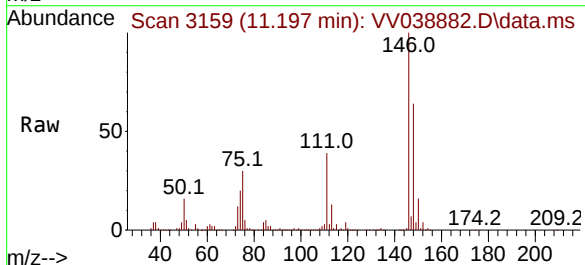
Instrument :
MSVOA_V
ClientSampleId :

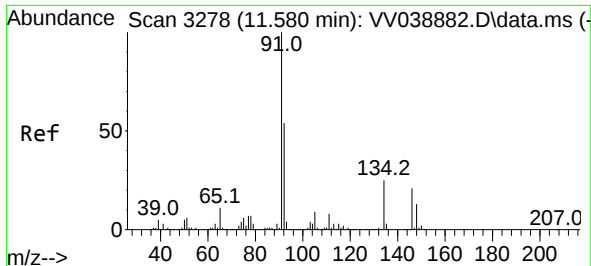
Tgt Ion:146 Resp: 657737
Ion Ratio Lower Upper
146 100
111 40.3 20.2 60.5
148 62.9 31.4 94.3



#88
1,4-Dichlorobenzene
Concen: 46.148 ug/l
RT: 11.197 min Scan# 3159
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

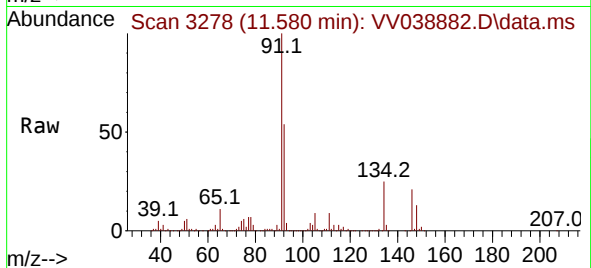
Tgt Ion:146 Resp: 674282
Ion Ratio Lower Upper
146 100
111 39.5 19.8 59.3
148 64.3 32.1 96.5



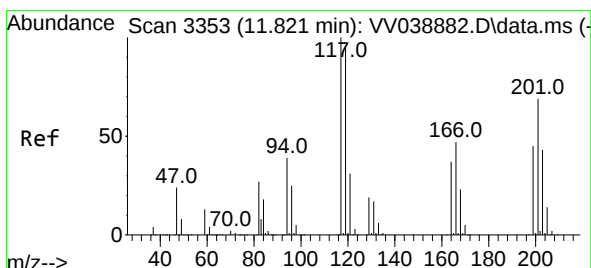
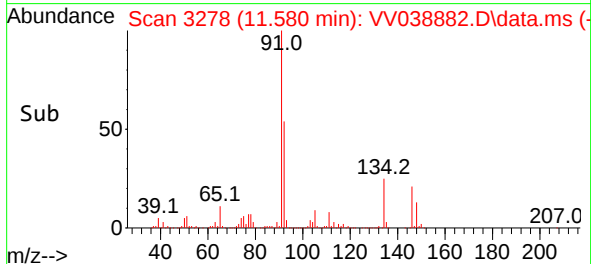
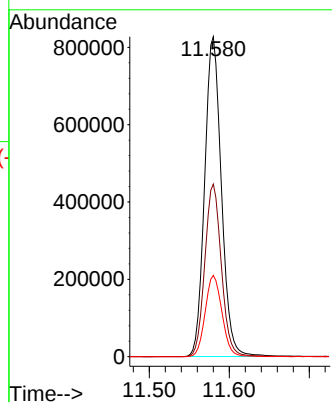


#89
n-Butylbenzene
Concen: 55.059 ug/l
RT: 11.580 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

Instrument :
MSVOA_V
ClientSampleId :

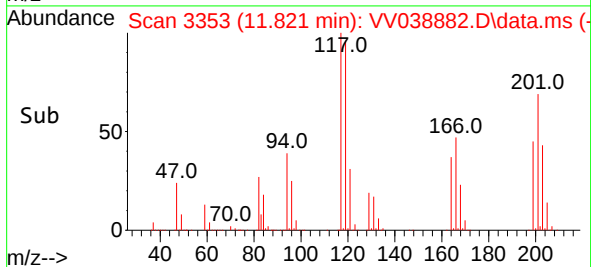
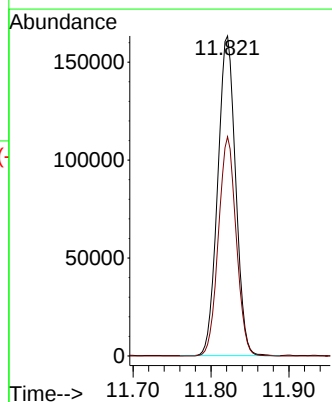
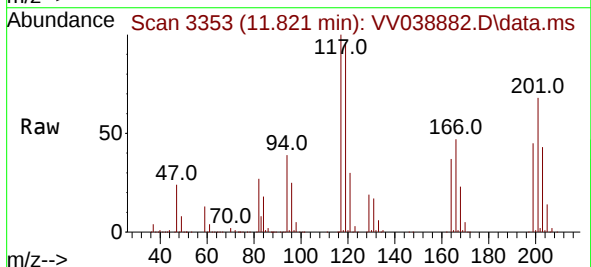


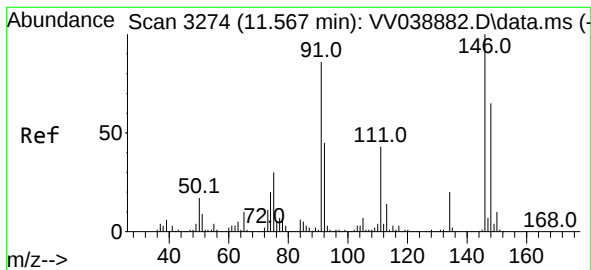
Tgt Ion: 91 Resp: 1208036
Ion Ratio Lower Upper
91 100
92 53.4 26.7 80.1
134 25.4 12.7 38.1



#90
Hexachloroethane
Concen: 45.581 ug/l
RT: 11.821 min Scan# 3353
Delta R.T. 0.000 min
Lab File: VV038882.D
Acq: 11 Jul 2025 09:34

Tgt Ion: 117 Resp: 260560
Ion Ratio Lower Upper
117 100
201 68.0 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 48.592 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038882.D

Acq: 11 Jul 2025 09:34

Instrument :

MSVOA_V

ClientSampleId :

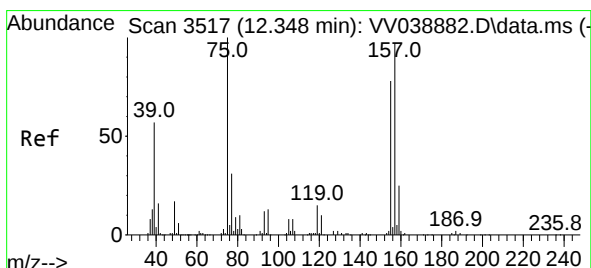
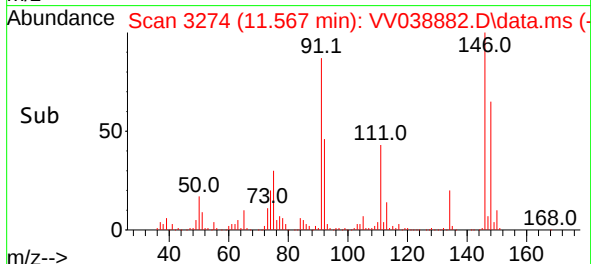
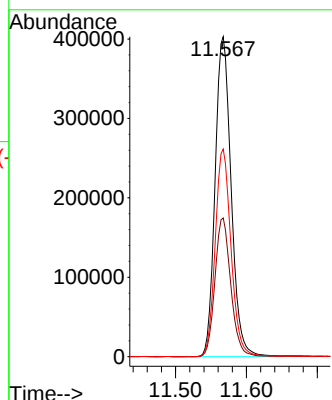
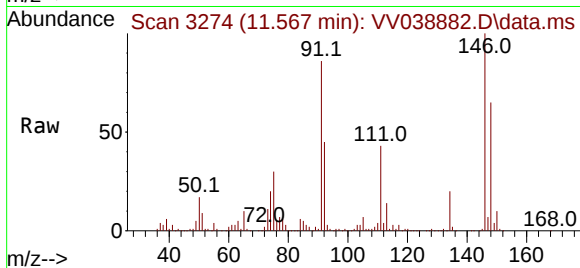
Tgt Ion:146 Resp: 633592

Ion Ratio Lower Upper

146 100

111 42.9 21.4 64.3

148 64.1 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.553 ug/l

RT: 12.348 min Scan# 3517

Delta R.T. 0.000 min

Lab File: VV038882.D

Acq: 11 Jul 2025 09:34

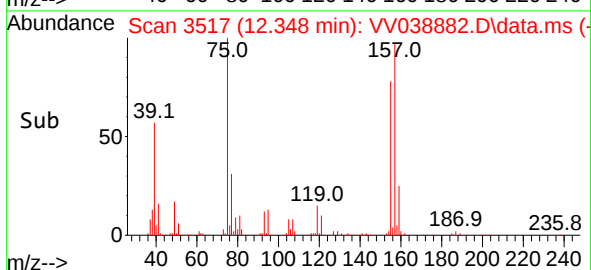
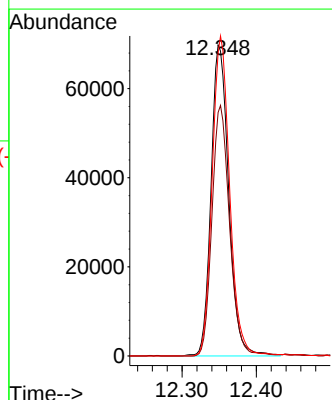
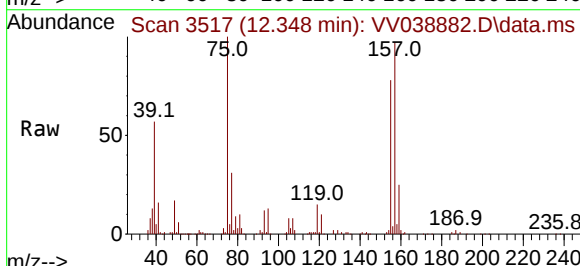
Tgt Ion: 75 Resp: 115343

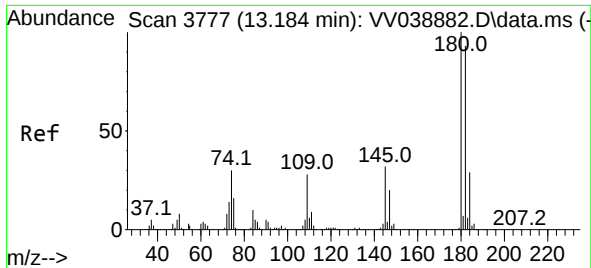
Ion Ratio Lower Upper

75 100

155 80.4 40.2 120.6

157 102.2 51.1 153.3

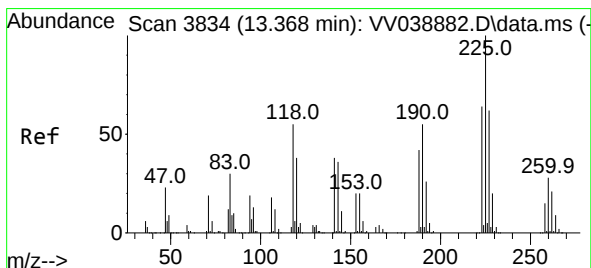
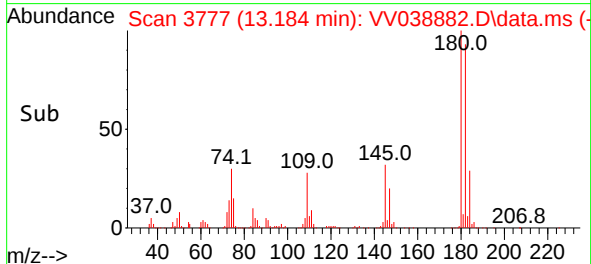
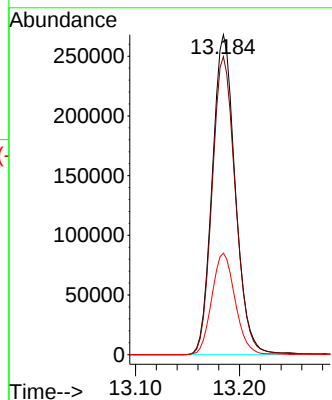
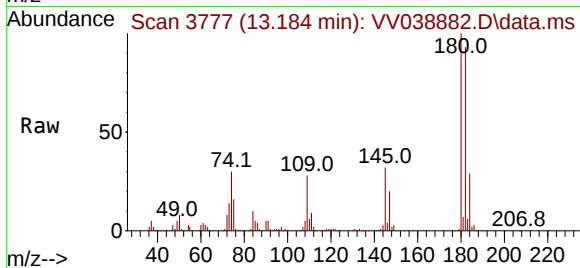




#93
 1,2,4-Trichlorobenzene
 Concen: 53.498 ug/l
 RT: 13.184 min Scan# 3777
 Delta R.T. 0.000 min
 Lab File: VV038882.D
 Acq: 11 Jul 2025 09:34

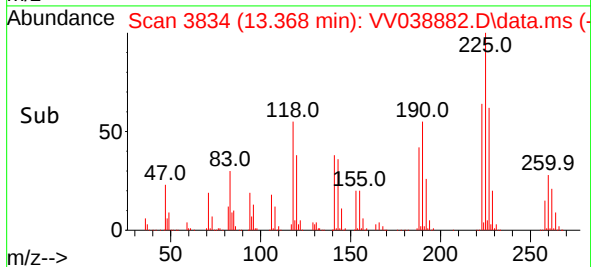
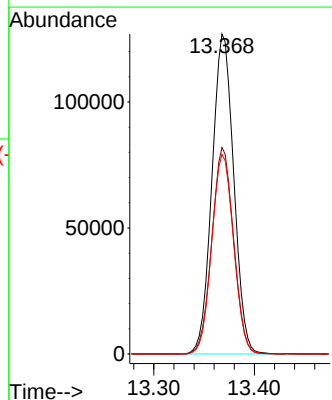
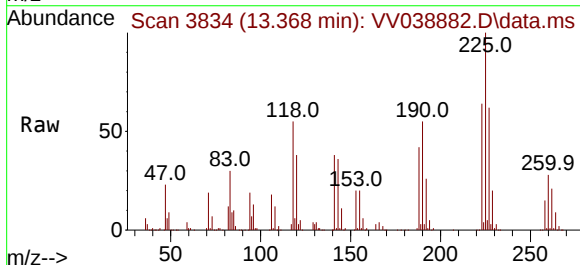
Instrument :
 MSVOA_V
 ClientSampleId :

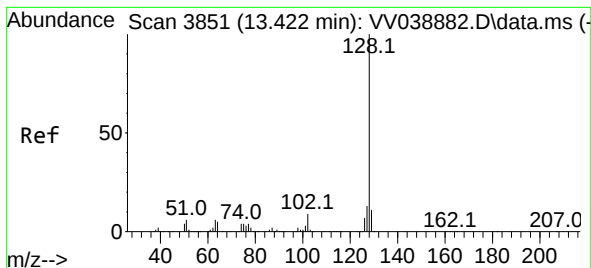
Tgt Ion:180 Resp: 411760
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.4 142.3
 145 32.4 16.2 48.6



#94
 Hexachlorobutadiene
 Concen: 48.033 ug/l
 RT: 13.368 min Scan# 3834
 Delta R.T. 0.000 min
 Lab File: VV038882.D
 Acq: 11 Jul 2025 09:34

Tgt Ion:225 Resp: 190388
 Ion Ratio Lower Upper
 225 100
 223 64.8 32.4 97.2
 227 62.6 31.3 93.9





#95

Naphthalene

Concen: 56.909 ug/l

RT: 13.422 min Scan# 3851

Delta R.T. 0.000 min

Lab File: VV038882.D

Acq: 11 Jul 2025 09:34

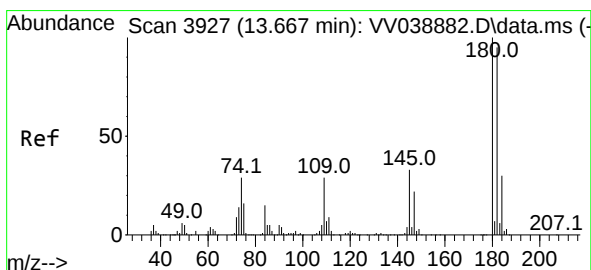
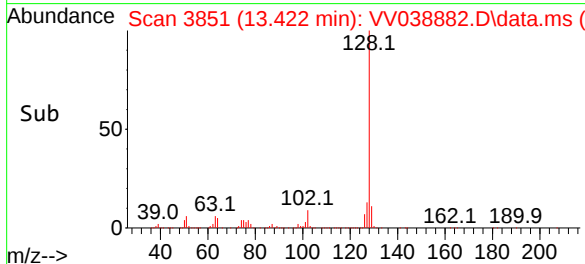
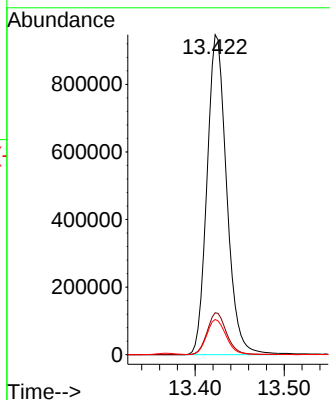
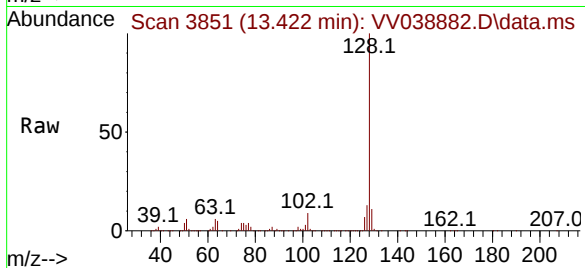
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128 Resp: 1449456

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.8	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 54.946 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. 0.000 min

Lab File: VV038882.D

Acq: 11 Jul 2025 09:34

Tgt Ion:180 Resp: 438350

Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.0	141.2
145	34.0	17.0	51.0

