

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070225\
 Data File : VV038838.D
 Acq On : 02 Jul 2025 13:14
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ICVV070225

Quant Time: Jul 03 02:47:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 02:44:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.597	168	633787	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	990418	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	921943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	508140	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	338262	47.622	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	95.240%
35) Dibromofluoromethane	4.500	113	309629	49.355	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	98.700%
50) Toluene-d8	7.233	98	982366	48.399	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	96.800%
62) 4-Bromofluorobenzene	9.998	95	414678	50.568	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	101.140%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	271136	45.067	ug/l	99
3) Chloromethane	1.230	50	312587	48.171	ug/l	98
4) Vinyl Chloride	1.298	62	310291	45.202	ug/l	98
5) Bromomethane	1.494	94	197933	47.248	ug/l	95
6) Chloroethane	1.558	64	208042	45.207	ug/l	98
7) Trichlorofluoromethane	1.725	101	539065	44.385	ug/l	98
8) Diethyl Ether	1.915	74	194103	45.927	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.079	101	317243	46.196	ug/l	99
10) Methyl Iodide	2.195	142	427060	49.013	ug/l	98
11) Tert butyl alcohol	2.561	59	237489	256.145	ug/l	97
12) 1,1-Dichloroethene	2.082	96	291399	44.644	ug/l	98
13) Acrolein	2.008	56	60913	263.110	ug/l	97
14) Allyl chloride	2.355	41	441446	50.292	ug/l	97
15) Acrylonitrile	2.671	53	842510	259.771	ug/l	99
16) Acetone	2.114	43	580723	245.333	ug/l	99
17) Carbon Disulfide	2.249	76	677970	44.841	ug/l	98
18) Methyl Acetate	2.375	43	410665	50.879	ug/l	100
19) Methyl tert-butyl Ether	2.706	73	1022164	50.651	ug/l	98
20) Methylene Chloride	2.455	84	343378	43.894	ug/l	98
21) trans-1,2-Dichloroethene	2.703	96	306695	46.986	ug/l	99
22) Diisopropyl ether	3.208	45	944918	52.509	ug/l	94
23) Vinyl Acetate	3.185	43	3529073	271.959	ug/l	99
24) 1,1-Dichloroethane	3.118	63	571206	47.085	ug/l	100
25) 2-Butanone	3.854	43	917108	261.996	ug/l	99
26) 2,2-Dichloropropane	3.809	77	521504	46.382	ug/l	99
27) cis-1,2-Dichloroethene	3.818	96	373805	49.141	ug/l	99
28) Bromochloromethane	4.143	49	237949	45.894	ug/l #	98
29) Tetrahydrofuran	4.224	42	623090	262.825	ug/l	98
30) Chloroform	4.275	83	617297	46.703	ug/l	98
31) Cyclohexane	4.580	56	443296	46.142	ug/l	98
32) 1,1,1-Trichloroethane	4.510	97	556630	45.375	ug/l	99
36) 1,1-Dichloropropene	4.741	75	398538	52.352	ug/l	98
37) Ethyl Acetate	3.966	43	385512	49.629	ug/l	96
38) Carbon Tetrachloride	4.732	117	473022	47.208	ug/l	97
39) Methylcyclohexane	6.043	83	497521	49.985	ug/l	99
40) Benzene	5.005	78	1223741	48.682	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.153	41	181656	48.289	ug/l	98
42) 1,2-Dichloroethane	5.034	62	434052	48.772	ug/l	99
43) Isopropyl Acetate	5.185	43	634853	51.229	ug/l	99
44) Trichloroethene	5.828	130	319219	48.661	ug/l	92
45) 1,2-Dichloropropane	6.085	63	311428	49.330	ug/l	98
46) Dibromomethane	6.223	93	235320	47.266	ug/l	99
47) Bromodichloromethane	6.423	83	492474	46.716	ug/l	98
48) Methyl methacrylate	6.291	41	297588	50.502	ug/l	98
49) 1,4-Dioxane	6.281	88	93310	1142.427	ug/l	98
51) 4-Methyl-2-Pentanone	7.143	43	2049946	262.138	ug/l	99
52) Toluene	7.307	92	808962	51.508	ug/l	97
53) t-1,3-Dichloropropene	7.571	75	502875	49.828	ug/l	100
54) cis-1,3-Dichloropropene	6.944	75	534806	51.827	ug/l	98
55) 1,1,2-Trichloroethane	7.757	97	332979	48.484	ug/l	98
56) Ethyl methacrylate	7.712	69	497036	55.012	ug/l	99
57) 1,3-Dichloropropane	7.931	76	537445	49.677	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.809	63	1094915	266.886	ug/l	99
59) 2-Hexanone	8.059	43	1449886	262.865	ug/l	99
60) Dibromochloromethane	8.166	129	408458	47.236	ug/l	99
61) 1,2-Dibromoethane	8.272	107	351473	49.466	ug/l	98
64) Tetrachloroethene	7.895	164	276857	46.698	ug/l	98
65) Chlorobenzene	8.802	112	918349	47.266	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.895	131	342462	47.202	ug/l	99
67) Ethyl Benzene	8.934	91	1551465	50.967	ug/l	100
68) m/p-Xylenes	9.059	106	1227136	105.247	ug/l	100
69) o-Xylene	9.468	106	576607	51.762	ug/l	99
70) Styrene	9.484	104	1037066	53.321	ug/l	99
71) Bromoform	9.651	173	284763	48.300	ug/l	100
73) Isopropylbenzene	9.854	105	1602469	53.735	ug/l	99
74) N-amyl acetate	9.722	43	565038	54.131	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	519582	48.060	ug/l	98
76) 1,2,3-Trichloropropane	10.198	75	388111	49.365	ug/l	99
77) Bromobenzene	10.140	156	388809	50.540	ug/l	99
78) n-propylbenzene	10.275	91	1898995	53.509	ug/l	100
79) 2-Chlorotoluene	10.345	91	1115221	51.743	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	1362957	53.453	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.928	75	185988	50.356	ug/l	98
82) 4-Chlorotoluene	10.461	91	1320330	53.139	ug/l	98
83) tert-Butylbenzene	10.789	119	1383327	52.308	ug/l	100
84) 1,2,4-Trimethylbenzene	10.837	105	1353024	54.140	ug/l	100
85) sec-Butylbenzene	11.011	105	1793880	53.281	ug/l	100
86) p-Isopropyltoluene	11.165	119	1524528	52.814	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	770791	49.283	ug/l	99
88) 1,4-Dichlorobenzene	11.194	146	780632	47.369	ug/l	99
89) n-Butylbenzene	11.580	91	1438892	53.785	ug/l	100
90) Hexachloroethane	11.818	117	293392	46.824	ug/l	99
91) 1,2-Dichlorobenzene	11.567	146	736507	49.961	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	114096	49.847	ug/l	99
93) 1,2,4-Trichlorobenzene	13.185	180	499538	52.278	ug/l	99
94) Hexachlorobutadiene	13.368	225	221255	47.982	ug/l	98
95) Naphthalene	13.423	128	1659966	54.607	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	509431	51.661	ug/l	100

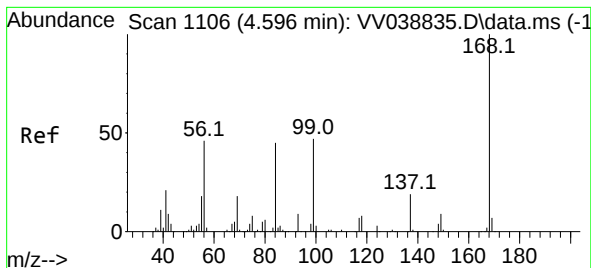
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.597 min Scan# 1106

Delta R.T. 0.001 min

Lab File: VV038838.D

Acq: 02 Jul 2025 13:14

Instrument :

MSVOA_V

ClientSampleId :

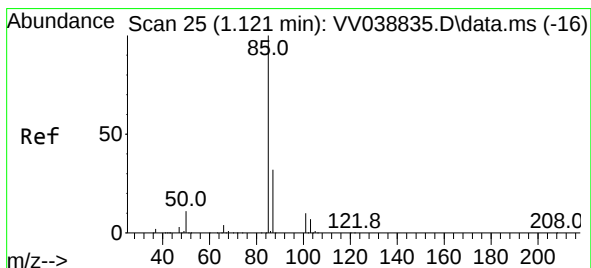
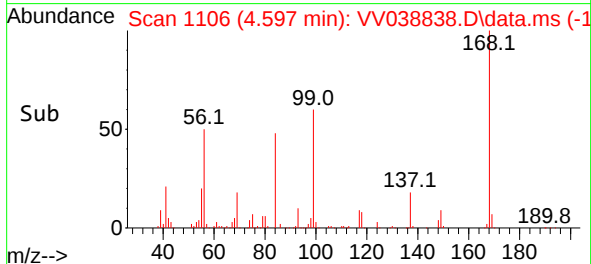
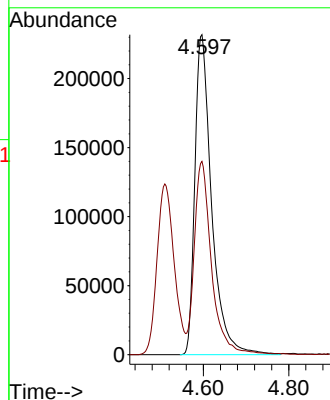
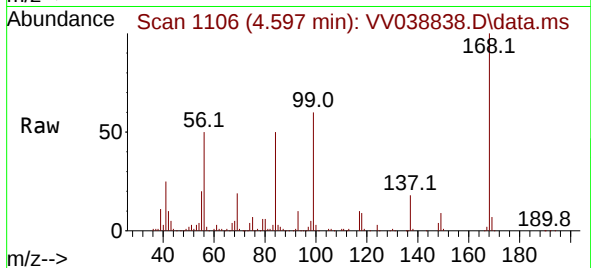
ICVV070225

Tgt Ion:168 Resp: 633787

Ion Ratio Lower Upper

168 100

99 60.1 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 45.067 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.000 min

Lab File: VV038838.D

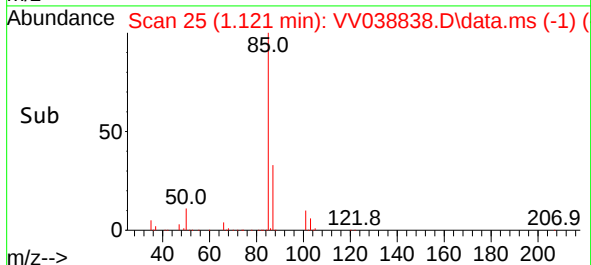
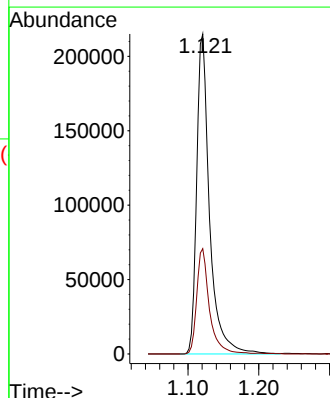
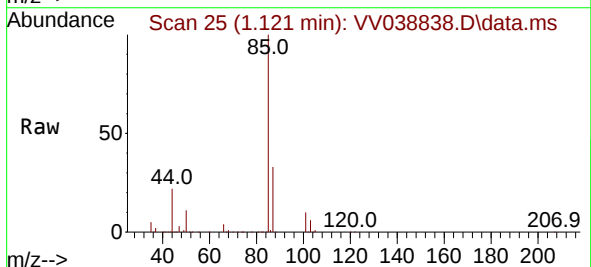
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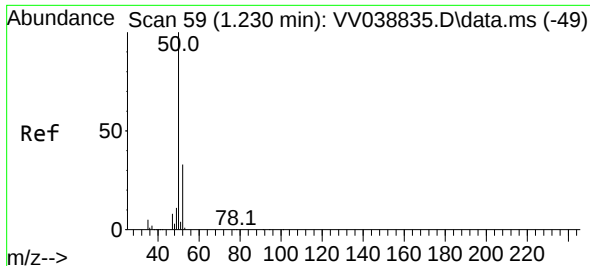
Tgt Ion: 85 Resp: 271136

Ion Ratio Lower Upper

85 100

87 32.9 16.1 48.3

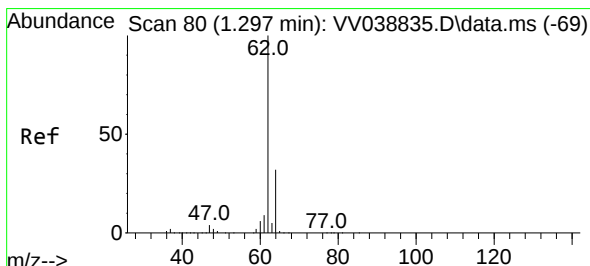
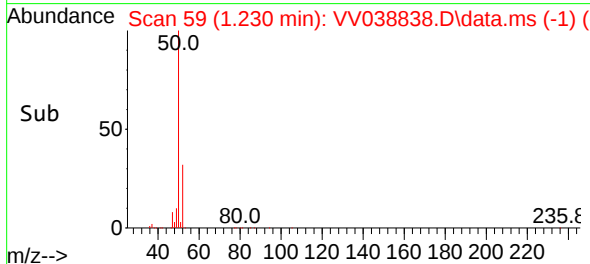
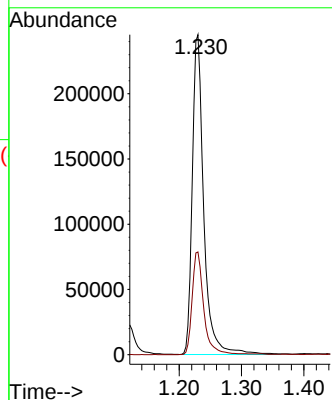
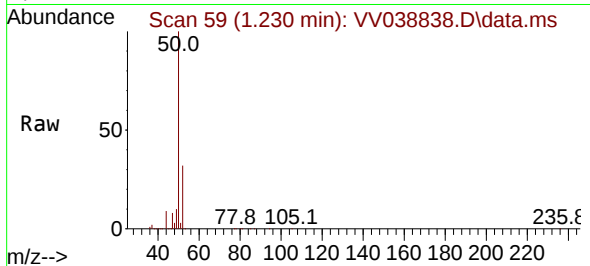




#3
Chloromethane
Concen: 48.171 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

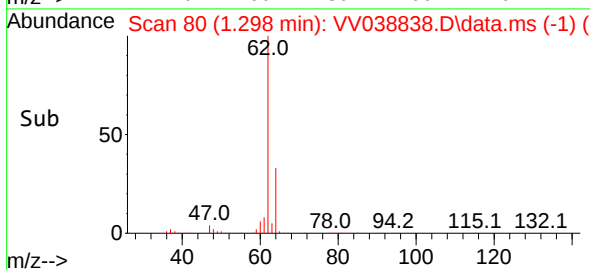
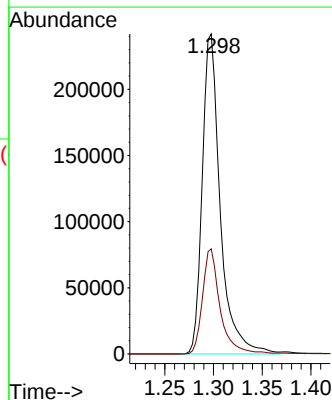
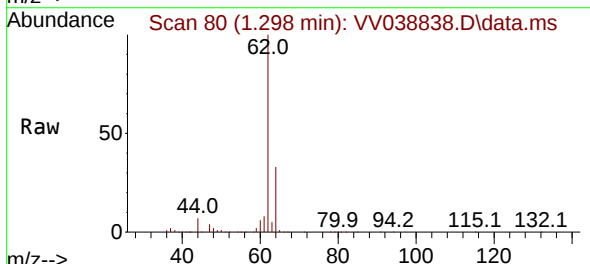
Instrument :
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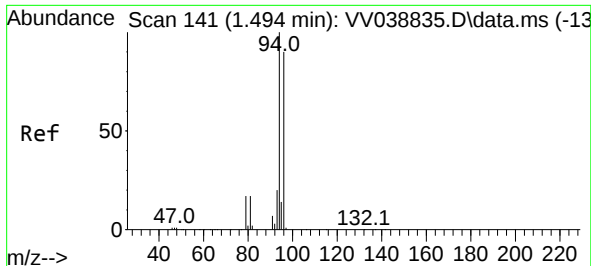
Tgt Ion: 50 Resp: 312587
Ion Ratio Lower Upper
50 100
52 32.1 26.7 40.1



#4
Vinyl Chloride
Concen: 45.202 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

Tgt Ion: 62 Resp: 310291
Ion Ratio Lower Upper
62 100
64 32.8 25.5 38.3

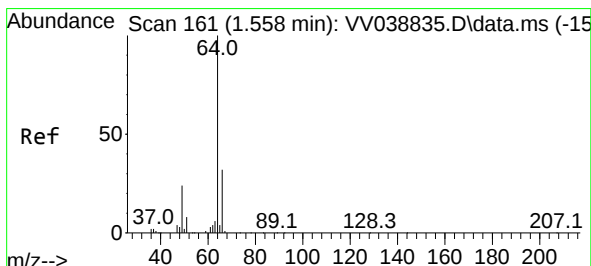
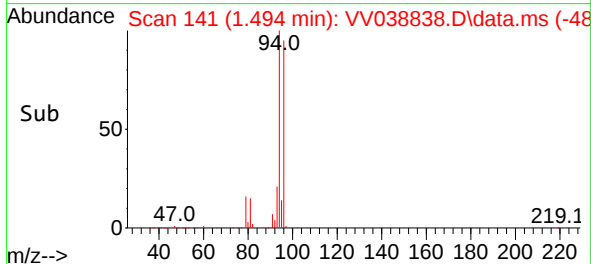
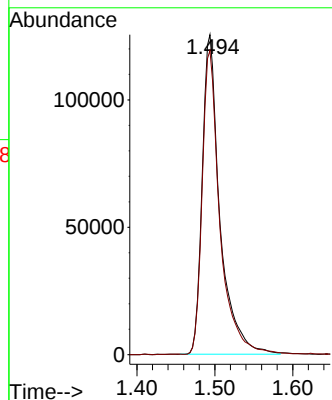
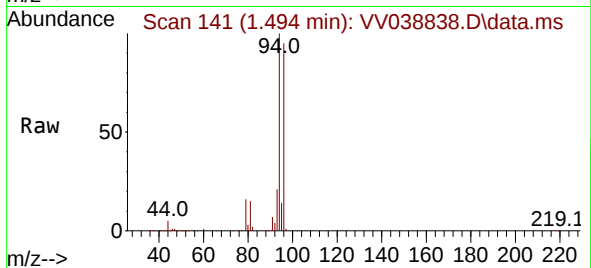




#5
Bromomethane
Concen: 47.248 ug/l
RT: 1.494 min Scan# 141
Delta R.T. 0.000 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

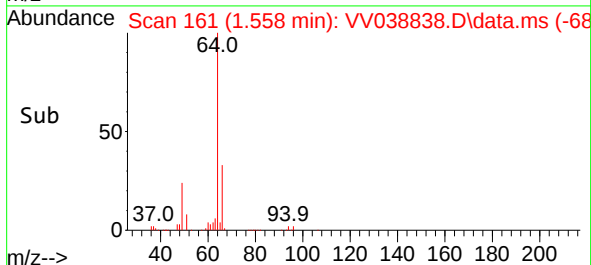
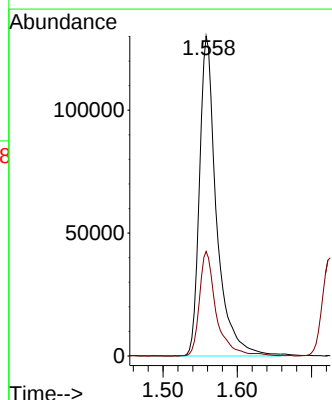
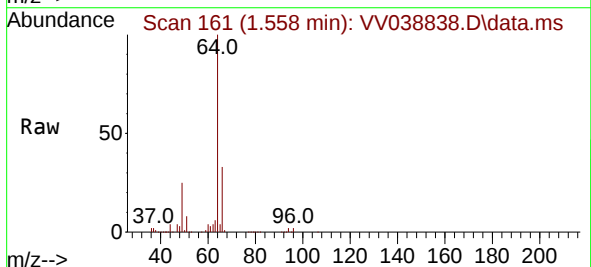
Instrument :
MSVOA_V
ClientSampleId :
ICVV070225

Tgt Ion: 94 Resp: 197933
Ion Ratio Lower Upper
94 100
96 95.0 72.2 108.4



#6
Chloroethane
Concen: 45.207 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.000 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

Tgt Ion: 64 Resp: 208042
Ion Ratio Lower Upper
64 100
66 32.6 25.4 38.0

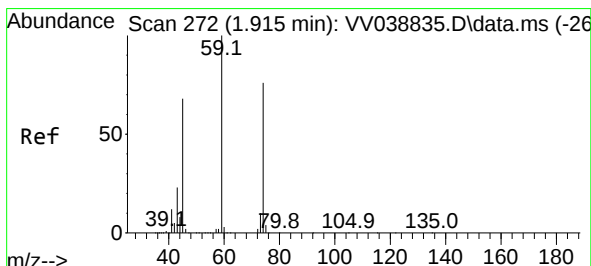
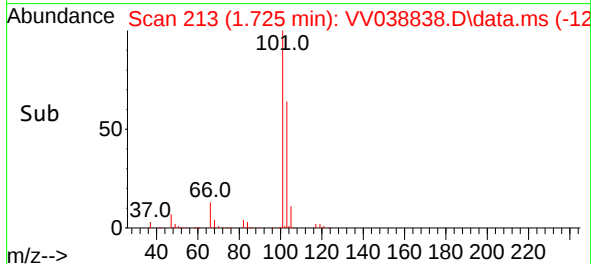
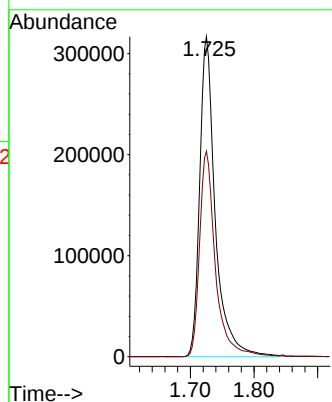
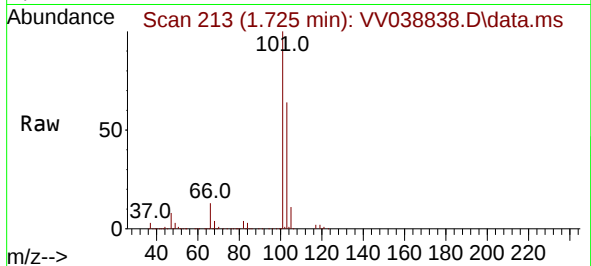




#7
 Trichlorofluoromethane
 Concen: 44.385 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VV038838.D
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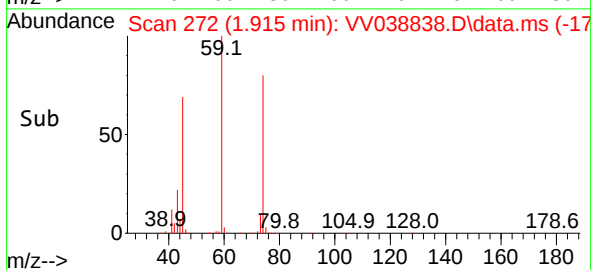
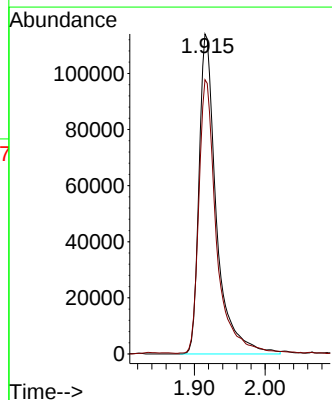
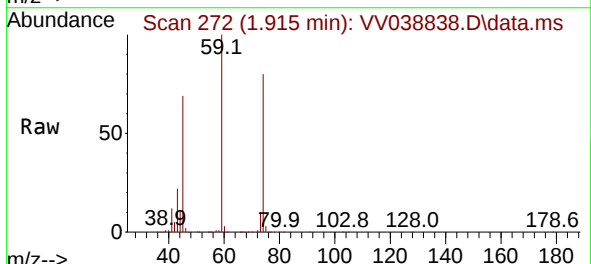
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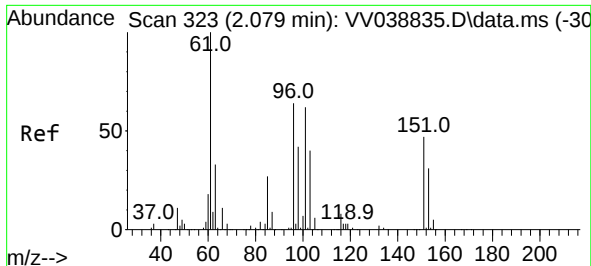
Tgt Ion:101 Resp: 539065
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.8 79.2



#8
 Diethyl Ether
 Concen: 45.927 ug/l
 RT: 1.915 min Scan# 272
 Delta R.T. 0.000 min
 Lab File: VV038838.D
 Acq: 02 Jul 2025 13:14

Tgt Ion: 74 Resp: 194103
 Ion Ratio Lower Upper
 74 100
 45 87.0 43.9 131.7

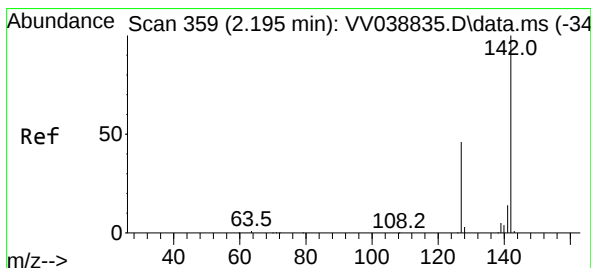
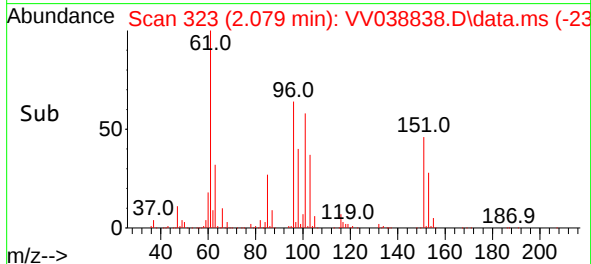
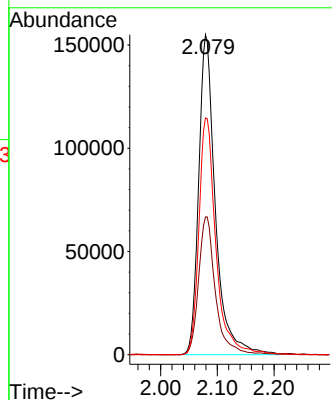
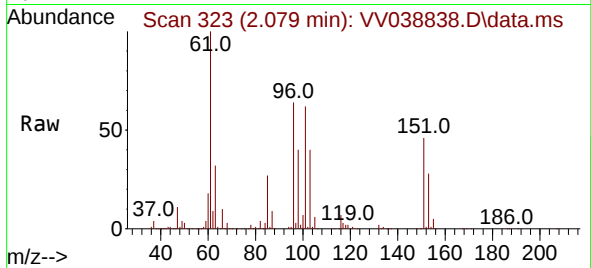




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.196 ug/l
RT: 2.079 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038838.D
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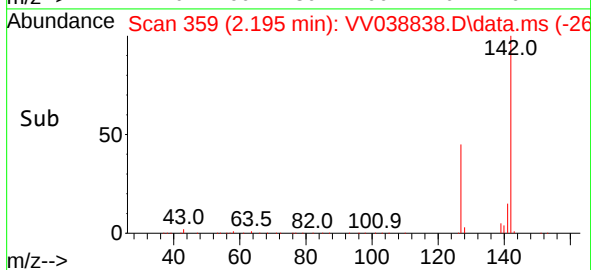
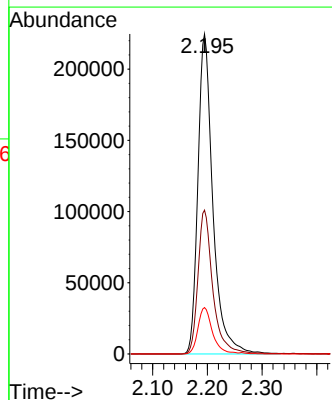
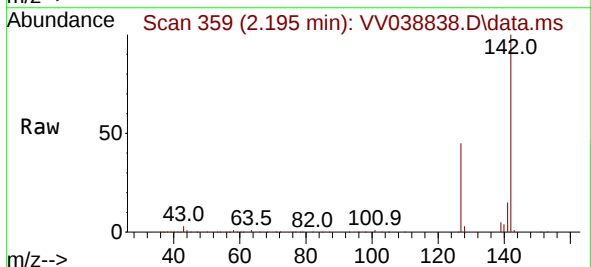
Instrument :
MSVOA_V
ClientSampleId :
ICVV070225

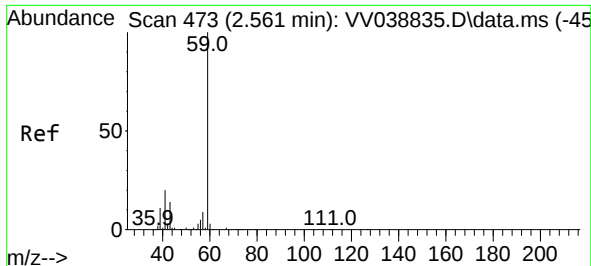
Tgt Ion:101 Resp: 317243
Ion Ratio Lower Upper
101 100
85 43.2 34.6 52.0
151 74.9 60.4 90.6



#10
Methyl Iodide
Concen: 49.013 ug/l
RT: 2.195 min Scan# 359
Delta R.T. 0.000 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

Tgt Ion:142 Resp: 427060
Ion Ratio Lower Upper
142 100
127 44.6 36.9 55.3
141 14.1 11.8 17.8

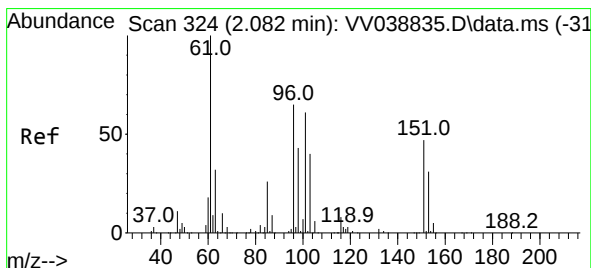
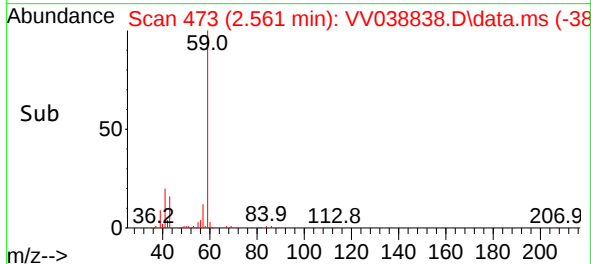
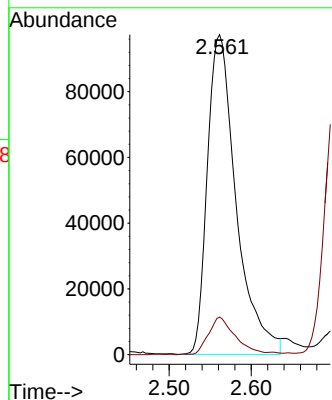
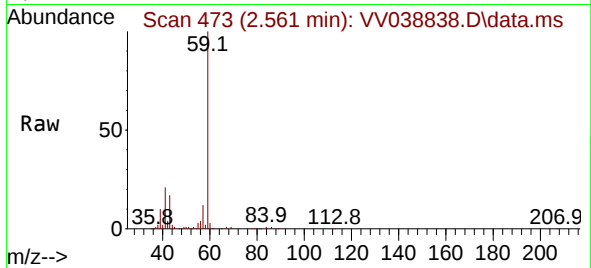




#11
Tert butyl alcohol
Concen: 256.145 ug/l
RT: 2.561 min Scan# 473
Delta R.T. 0.000 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

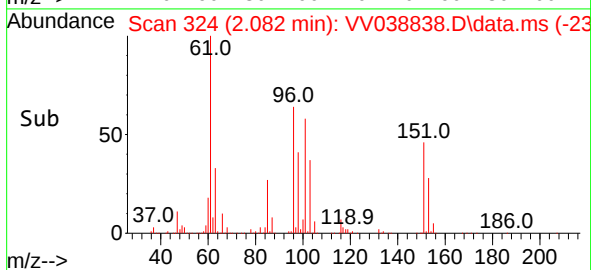
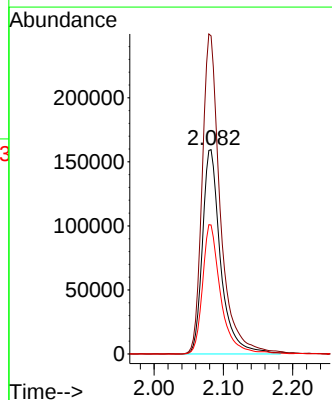
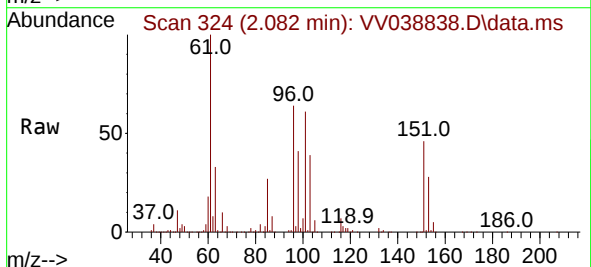
Instrument :
MSVOA_V
ClientSampleId :
ICVV070225

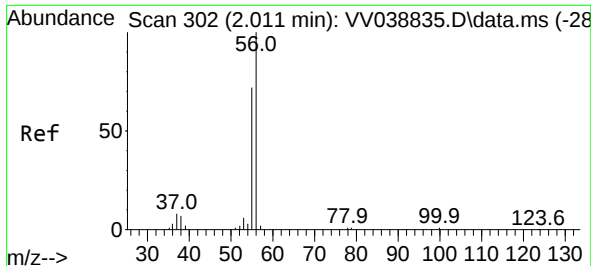
Tgt Ion: 59 Resp: 237489
Ion Ratio Lower Upper
59 100
57 11.0 8.0 12.0



#12
1,1-Dichloroethene
Concen: 44.644 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

Tgt Ion: 96 Resp: 291399
Ion Ratio Lower Upper
96 100
61 155.7 123.5 185.3
98 63.1 52.5 78.7

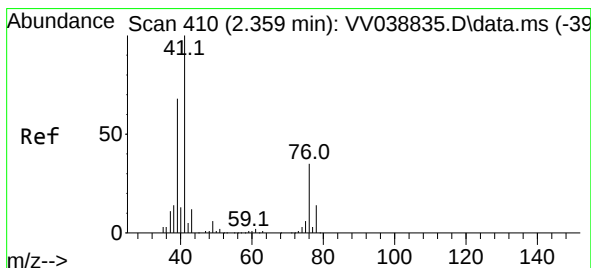
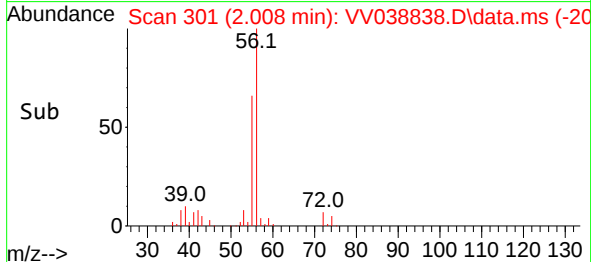
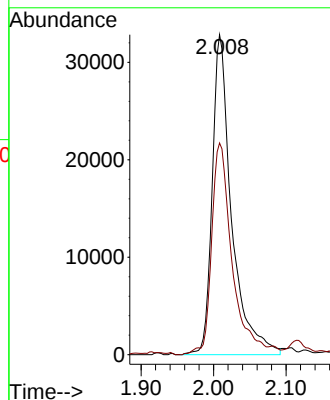
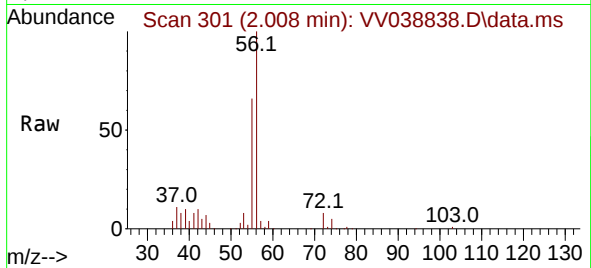




#13
Acrolein
Concen: 263.110 ug/l
RT: 2.008 min Scan# 30
Delta R.T. -0.003 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

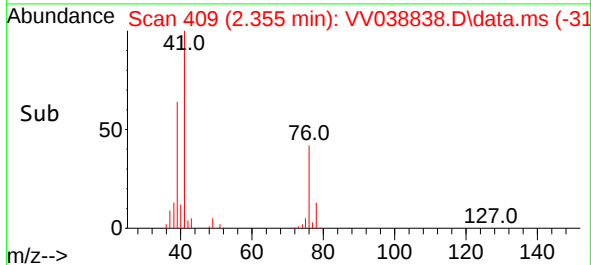
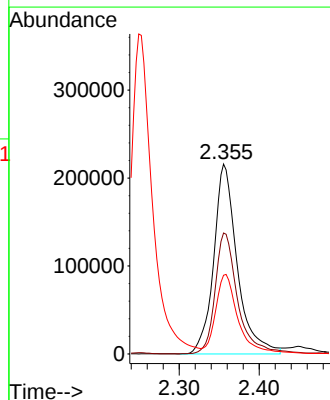
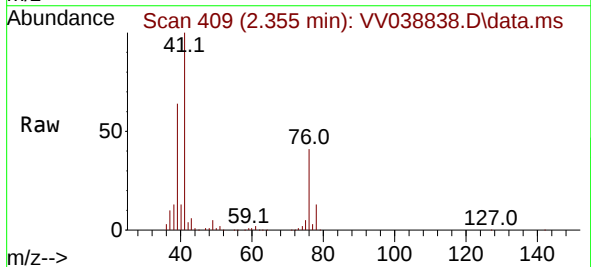
Instrument :
MSVOA_V
ClientSampleId :
ICVV070225

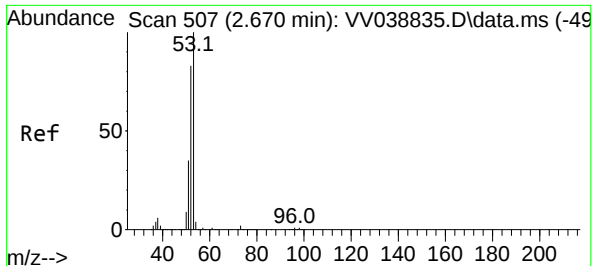
Tgt Ion: 56 Resp: 60913
Ion Ratio Lower Upper
56 100
55 69.3 53.4 80.2



#14
Allyl chloride
Concen: 50.292 ug/l
RT: 2.355 min Scan# 409
Delta R.T. -0.003 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

Tgt Ion: 41 Resp: 441446
Ion Ratio Lower Upper
41 100
39 61.4 51.0 76.4
76 39.7 33.6 50.4

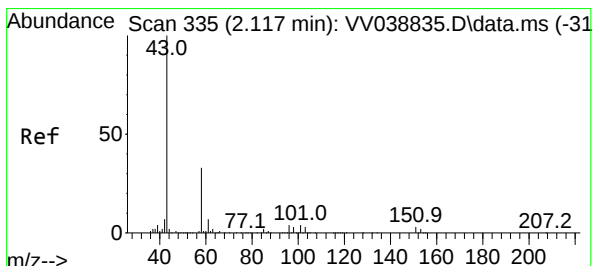
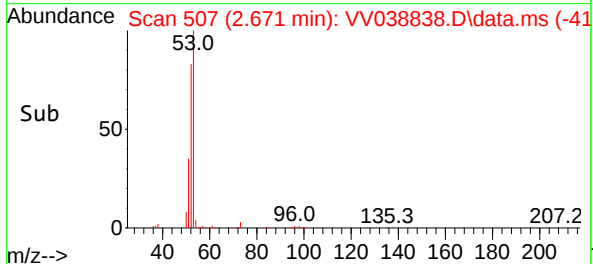
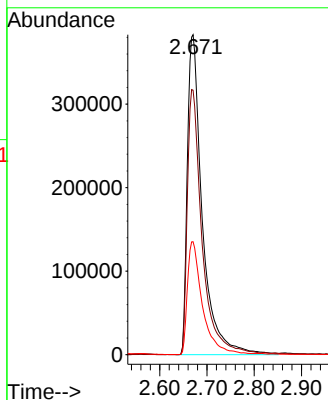
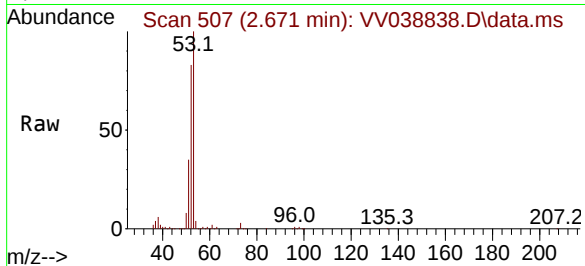




#15
Acrylonitrile
Concen: 259.771 ug/l
RT: 2.671 min Scan# 507
Delta R.T. 0.000 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

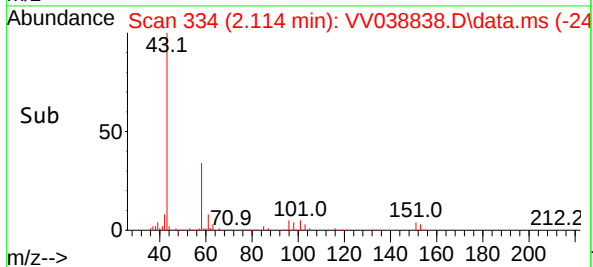
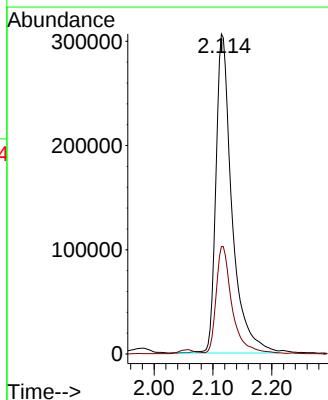
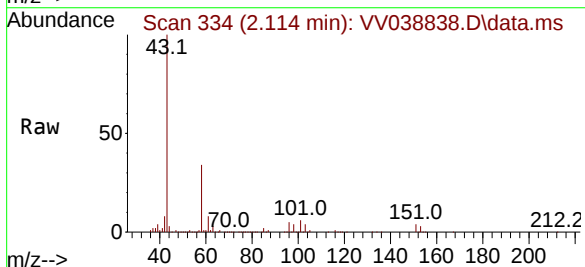
Instrument :
MSVOA_V
ClientSampleId :
ICVVV070225

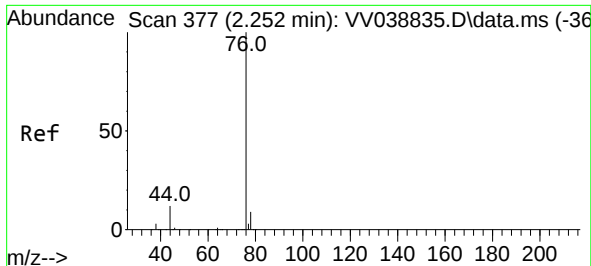
Tgt Ion: 53 Resp: 842510
Ion Ratio Lower Upper
53 100
52 81.6 65.8 98.6
51 35.7 28.5 42.7



#16
Acetone
Concen: 245.333 ug/l
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

Tgt Ion: 43 Resp: 580723
Ion Ratio Lower Upper
43 100
58 33.3 27.0 40.4

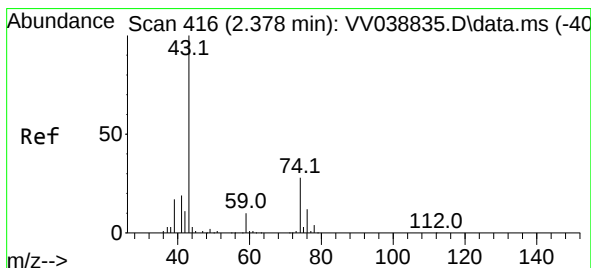
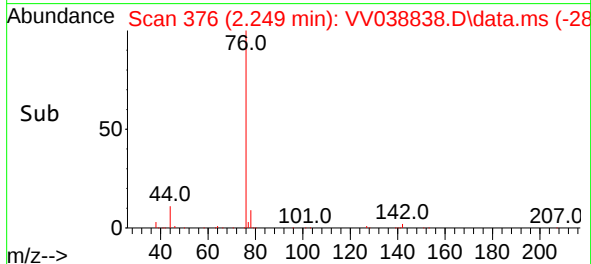
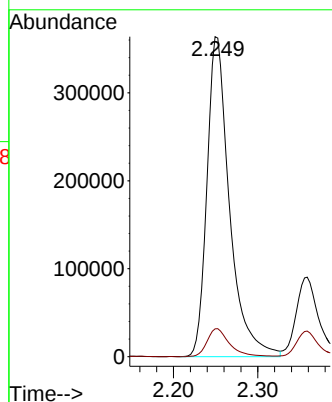
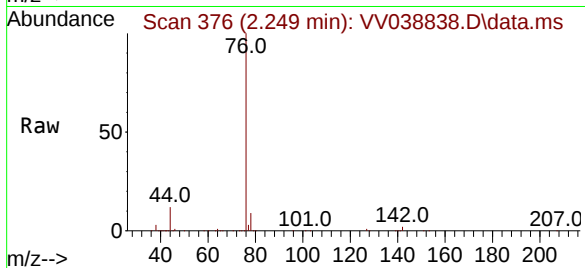




#17
Carbon Disulfide
Concen: 44.841 ug/l
RT: 2.249 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

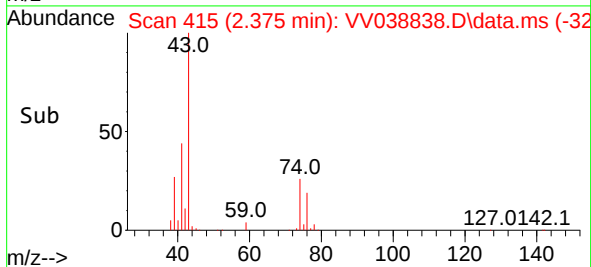
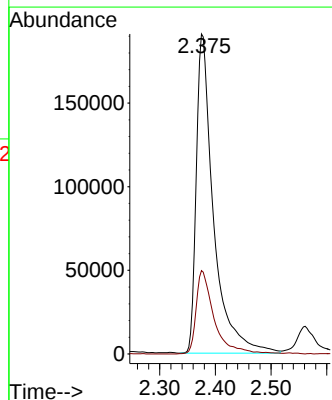
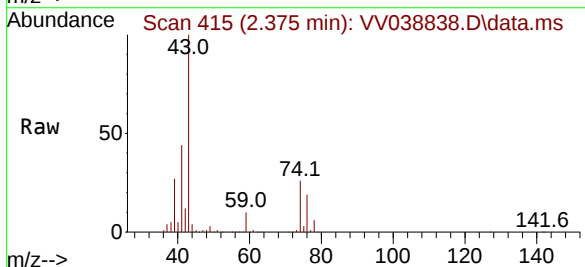
Instrument :
MSVOA_V
ClientSampleId :
ICVVV070225

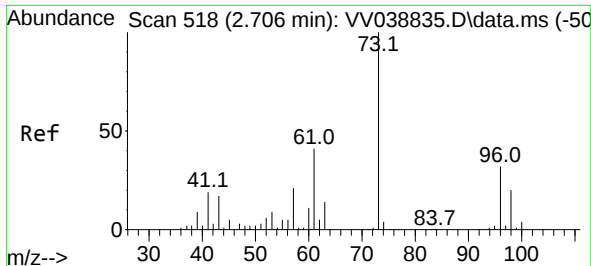
Tgt Ion: 76 Resp: 677970
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3



#18
Methyl Acetate
Concen: 50.879 ug/l
RT: 2.375 min Scan# 415
Delta R.T. -0.003 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

Tgt Ion: 43 Resp: 410665
Ion Ratio Lower Upper
43 100
74 26.9 21.4 32.0

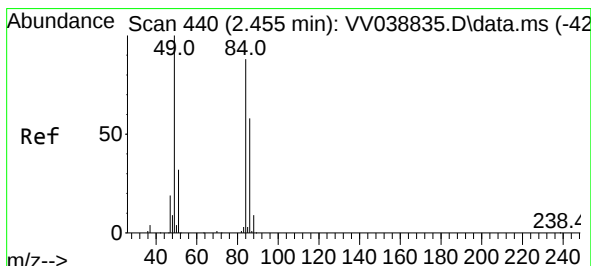
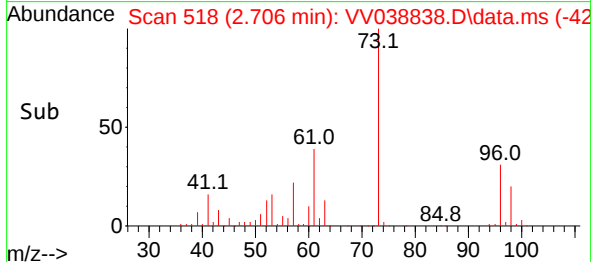
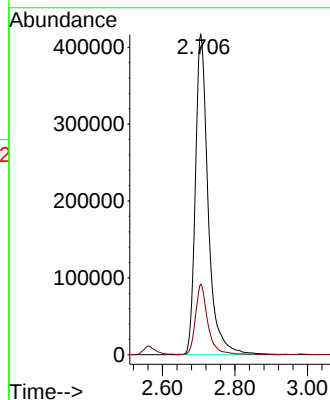
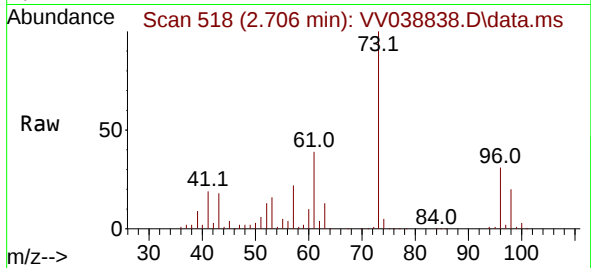




#19
Methyl tert-butyl Ether
Concen: 50.651 ug/l
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

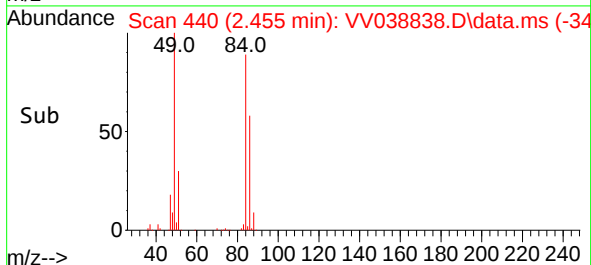
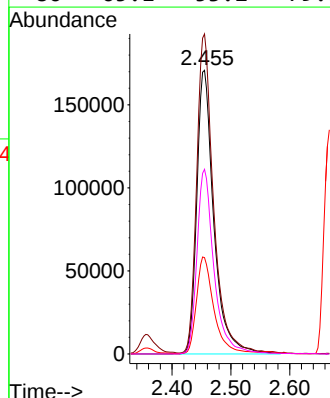
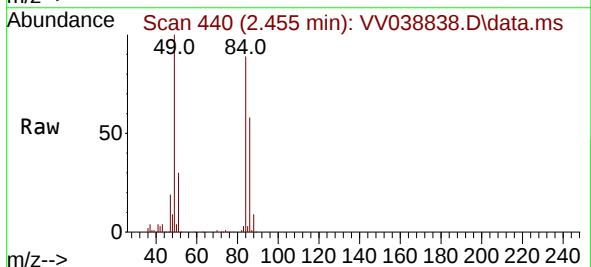
Instrument :
MSVOA_V
ClientSampleId :
ICVVV070225

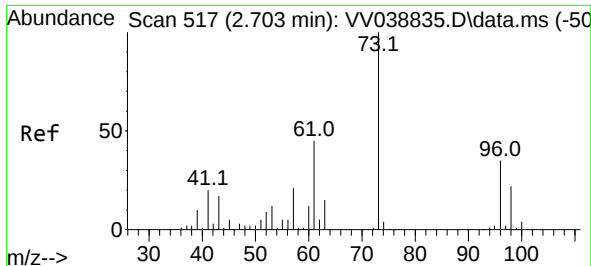
Tgt Ion: 73 Resp: 1022164
Ion Ratio Lower Upper
73 100
57 22.1 17.0 25.4



#20
Methylene Chloride
Concen: 43.894 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

Tgt Ion: 84 Resp: 343378
Ion Ratio Lower Upper
84 100
49 112.4 91.0 136.4
51 33.8 29.4 44.2
86 65.1 53.2 79.8

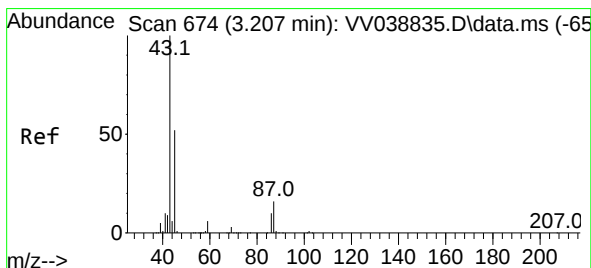
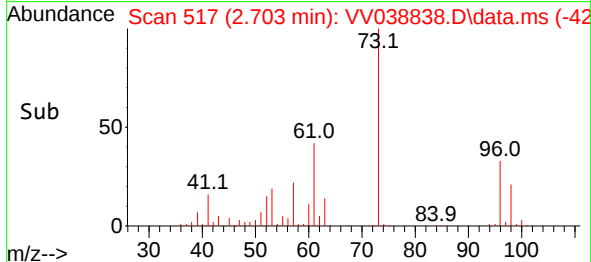
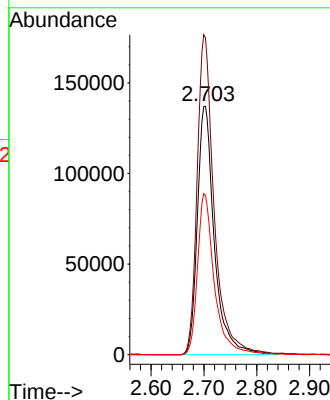
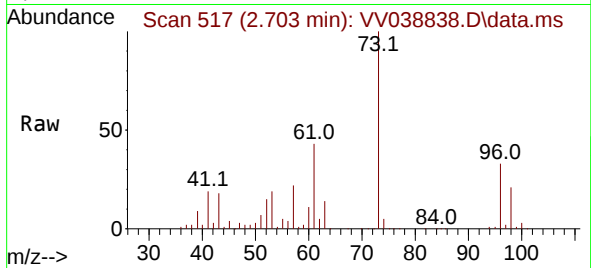




#21
trans-1,2-Dichloroethene
Concen: 46.986 ug/l
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

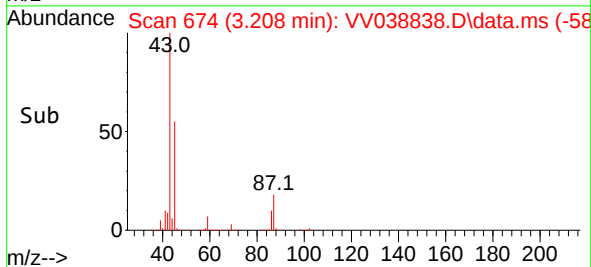
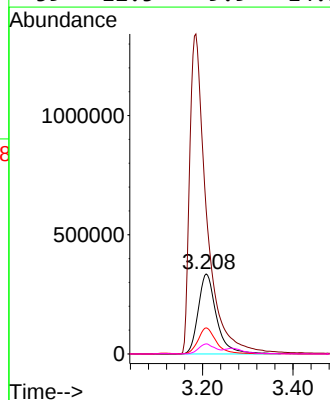
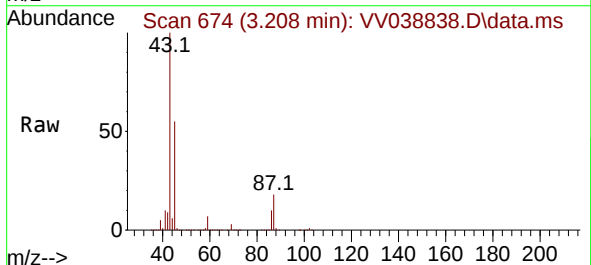
Instrument : MSVOA_V
ClientSampleId : ICVVV070225

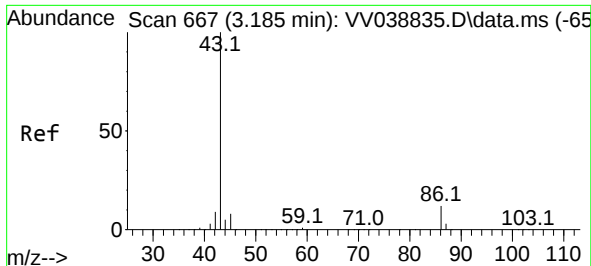
Tgt Ion: 96 Resp: 306695
Ion Ratio Lower Upper
96 100
61 127.5 102.8 154.2
98 64.1 50.9 76.3



#22
Diisopropyl ether
Concen: 52.509 ug/l
RT: 3.208 min Scan# 674
Delta R.T. 0.000 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

Tgt Ion: 45 Resp: 944918
Ion Ratio Lower Upper
45 100
43 180.9 153.1 229.7
87 32.4 25.2 37.8
59 12.5 9.9 14.9

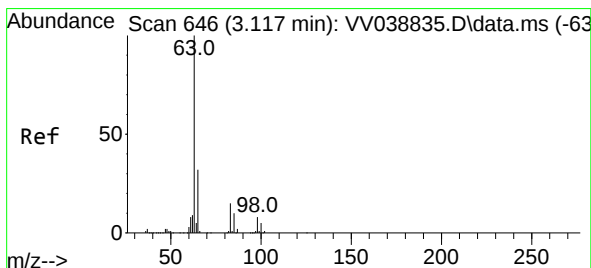
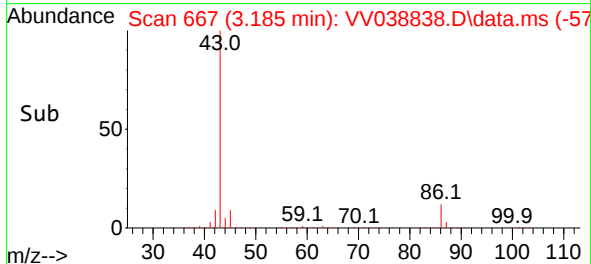
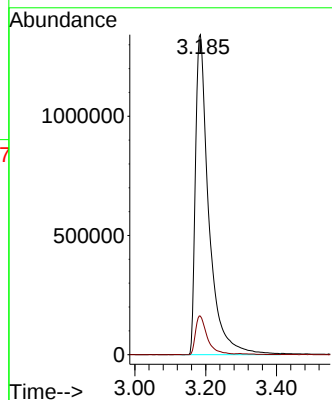
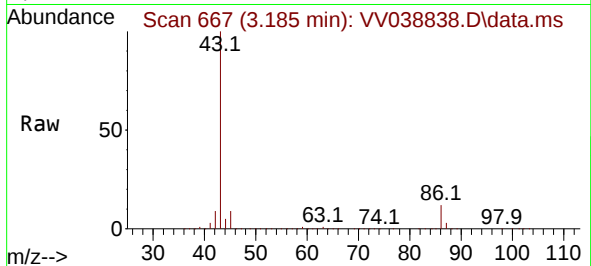




#23
 Vinyl Acetate
 Concen: 271.959 ug/l
 RT: 3.185 min Scan# 667
 Delta R.T. 0.000 min
 Lab File: VV038838.D
 Acq: 02 Jul 2025 13:14

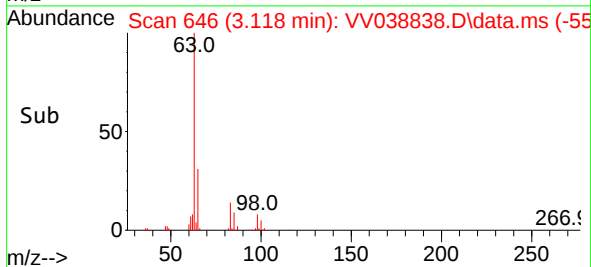
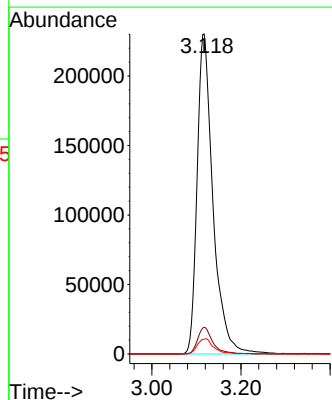
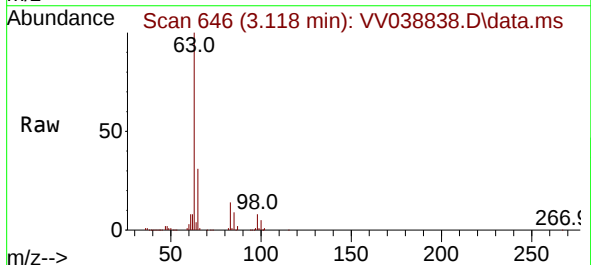
Instrument :
 MSVOA_V
 ClientSampleId :
 ICVV070225

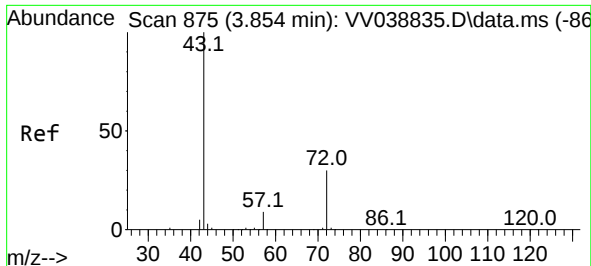
Tgt Ion: 43 Resp: 3529073
 Ion Ratio Lower Upper
 43 100
 86 12.0 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 47.085 ug/l
 RT: 3.118 min Scan# 646
 Delta R.T. 0.000 min
 Lab File: VV038838.D
 Acq: 02 Jul 2025 13:14

Tgt Ion: 63 Resp: 571206
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.1 12.3
 100 4.6 2.4 7.2

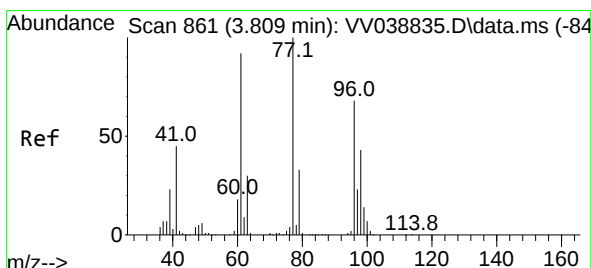
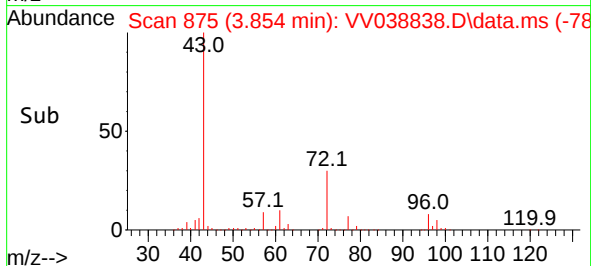
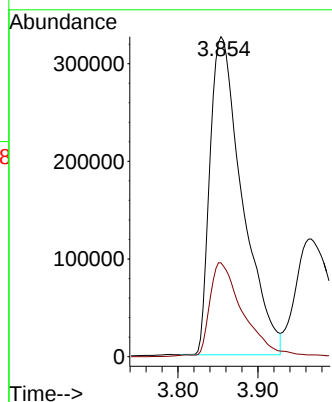
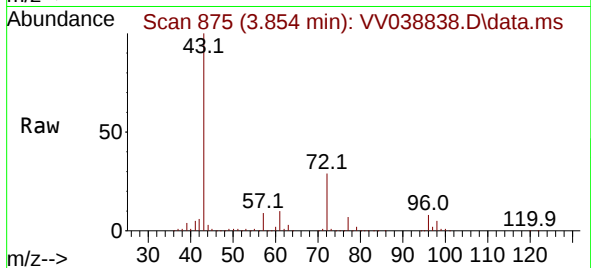




#25
2-Butanone
Concen: 261.996 ug/l
RT: 3.854 min Scan# 875
Delta R.T. 0.000 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

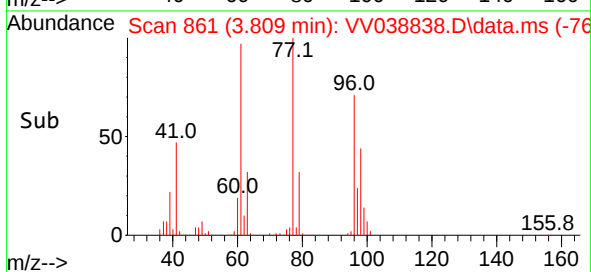
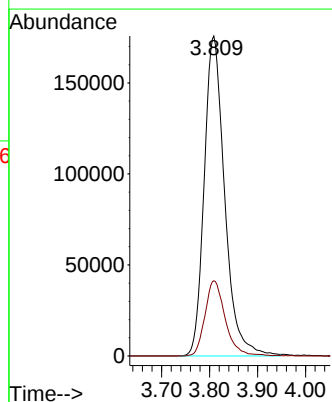
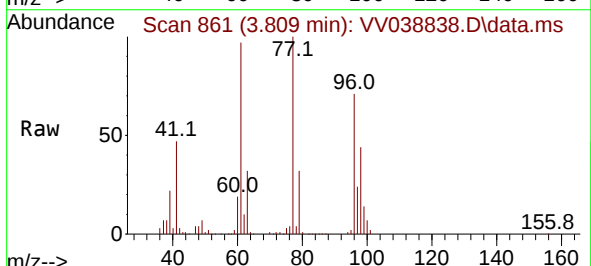
Instrument :
MSVOA_V
ClientSampleId :
ICVVV070225

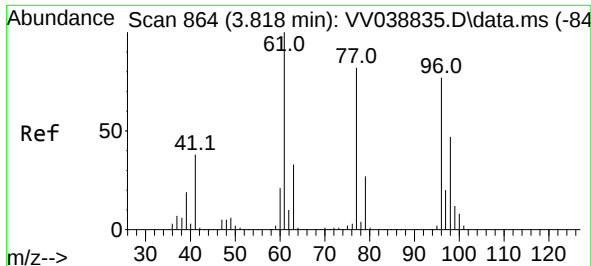
Tgt Ion: 43 Resp: 917108
Ion Ratio Lower Upper
43 100
72 29.1 23.8 35.8



#26
2,2-Dichloropropane
Concen: 46.382 ug/l
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

Tgt Ion: 77 Resp: 521504
Ion Ratio Lower Upper
77 100
97 23.3 11.5 34.4

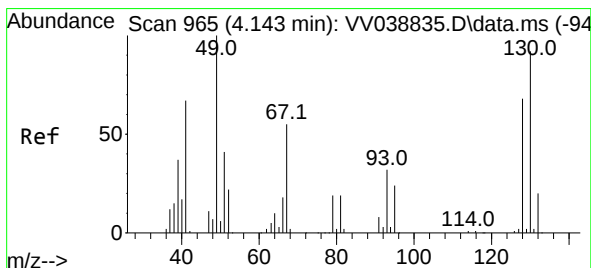
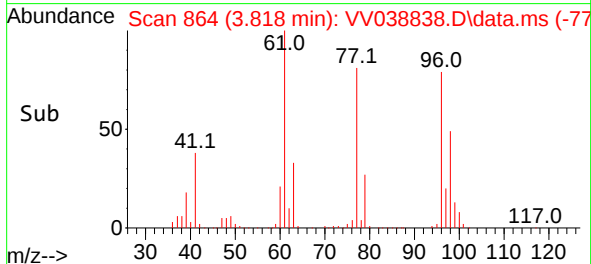
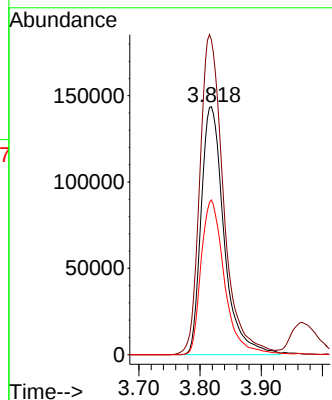
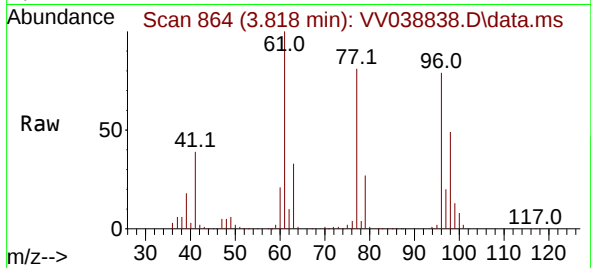




#27
 cis-1,2-Dichloroethene
 Concen: 49.141 ug/l
 RT: 3.818 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VV038838.D
 Acq: 02 Jul 2025 13:14

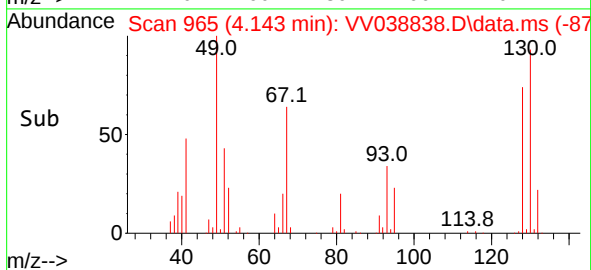
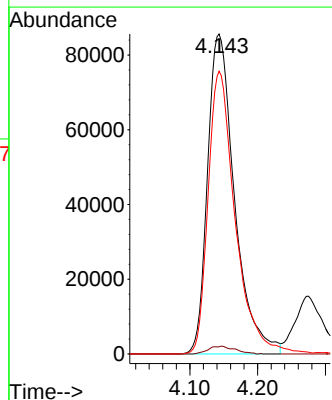
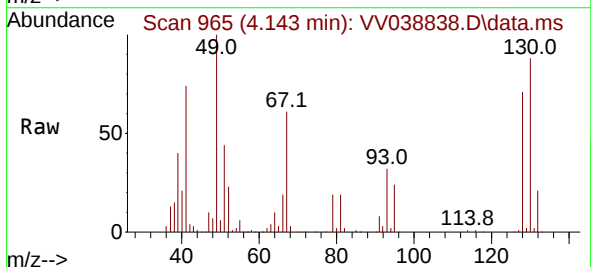
Instrument :
 MSVOA_V
 ClientSampleId :
 ICVV070225

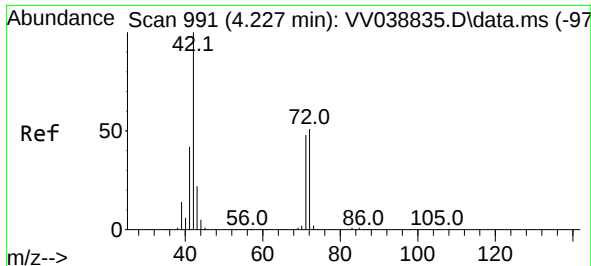
Tgt Ion: 96 Resp: 373805
 Ion Ratio Lower Upper
 96 100
 61 133.6 0.0 268.4
 98 63.6 0.0 128.0



#28
 Bromochloromethane
 Concen: 45.894 ug/l
 RT: 4.143 min Scan# 965
 Delta R.T. 0.000 min
 Lab File: VV038838.D
 Acq: 02 Jul 2025 13:14

Tgt Ion: 49 Resp: 237949
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 2.2#
 130 88.4 72.5 108.7





#29

Tetrahydrofuran

Concen: 262.825 ug/l

RT: 4.224 min Scan# 991

Delta R.T. -0.003 min

Lab File: VV038838.D

Acq: 02 Jul 2025 13:14

Instrument :

MSVOA_V

ClientSampleId :

ICVV070225

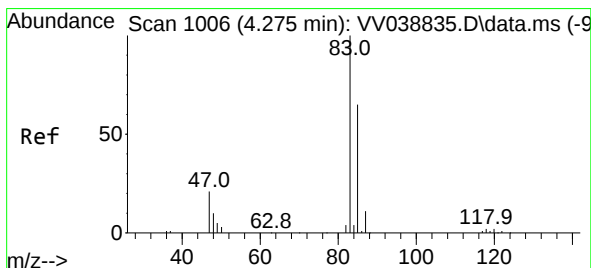
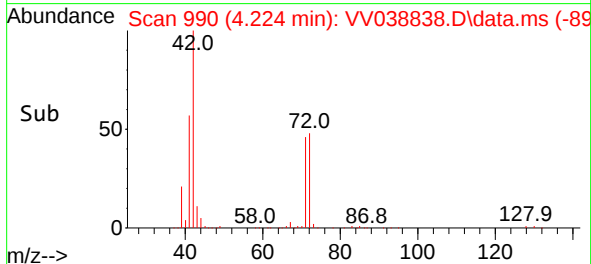
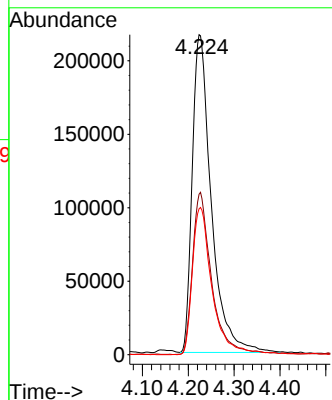
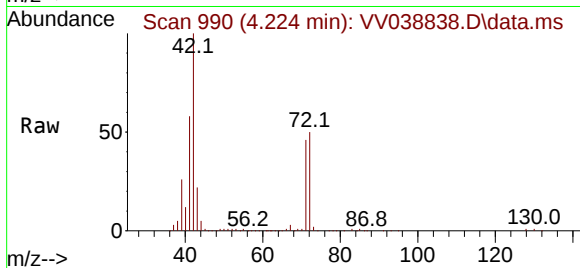
Tgt Ion: 42 Resp: 623090

Ion Ratio Lower Upper

42 100

72 50.5 41.3 61.9

71 47.8 39.2 58.8



#30

Chloroform

Concen: 46.703 ug/l

RT: 4.275 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VV038838.D

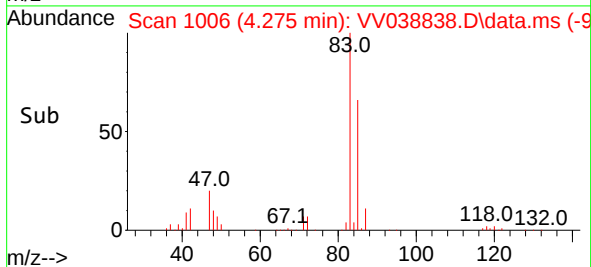
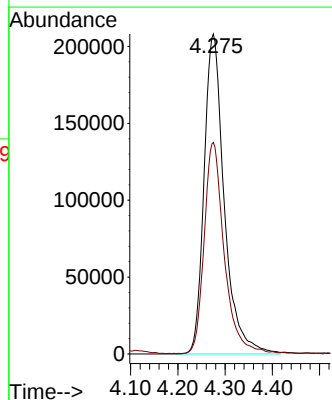
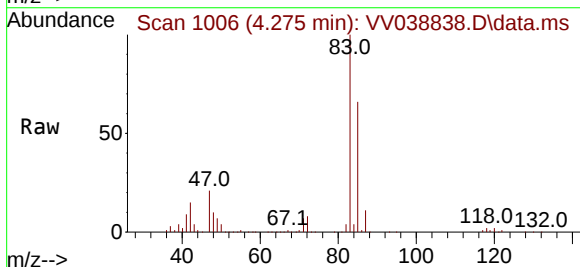
Acq: 02 Jul 2025 13:14

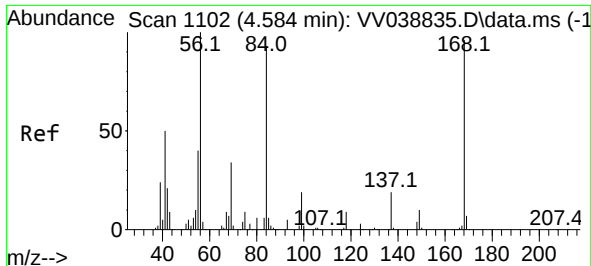
Tgt Ion: 83 Resp: 617297

Ion Ratio Lower Upper

83 100

85 66.0 51.8 77.6

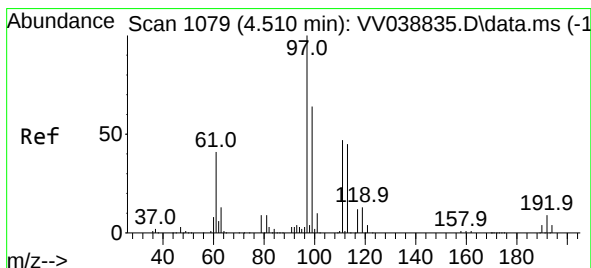
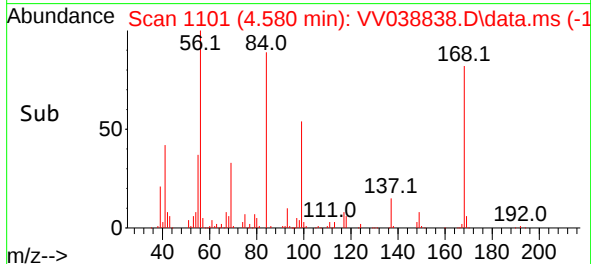
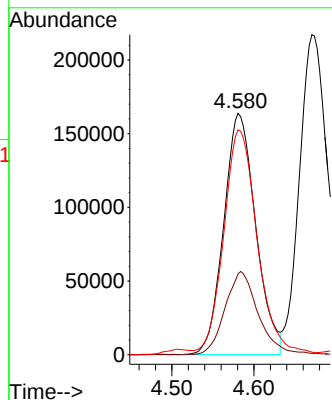
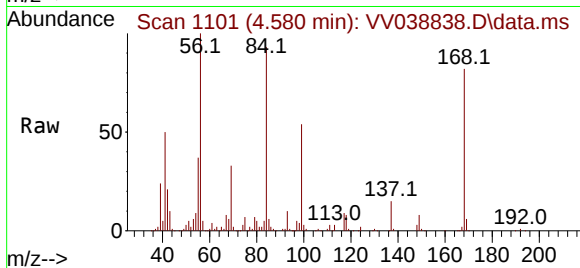




#31
Cyclohexane
Concen: 46.142 ug/l
RT: 4.580 min Scan# 1102
Delta R.T. -0.003 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

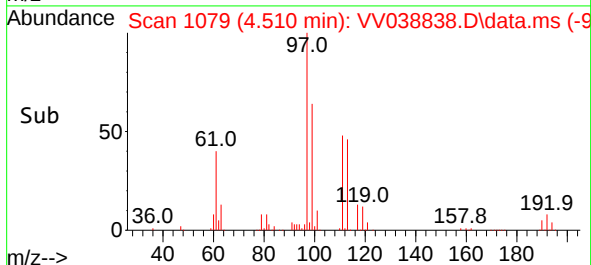
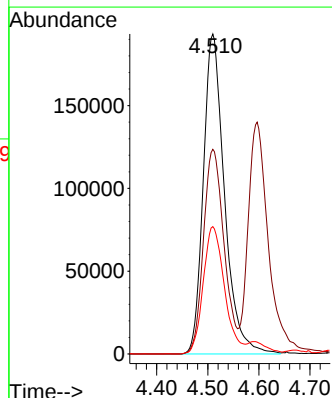
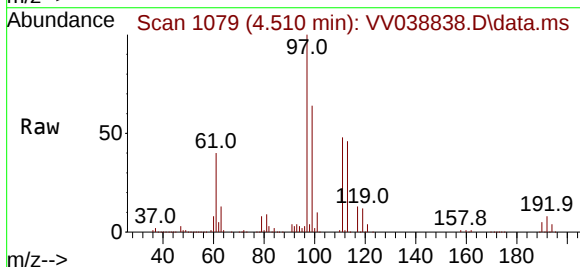
Instrument :
MSVOA_V
ClientSampleId :
ICVV070225

Tgt Ion: 56 Resp: 443296
Ion Ratio Lower Upper
56 100
69 33.4 27.0 40.4
84 91.0 74.4 111.6



#32
1,1,1-Trichloroethane
Concen: 45.375 ug/l
RT: 4.510 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

Tgt Ion: 97 Resp: 556630
Ion Ratio Lower Upper
97 100
99 61.9 48.8 73.2
61 40.2 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 47.622 ug/l

RT: 4.937 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV038838.D

Acq: 02 Jul 2025 13:14

Instrument :

MSVOA_V

ClientSampleId :

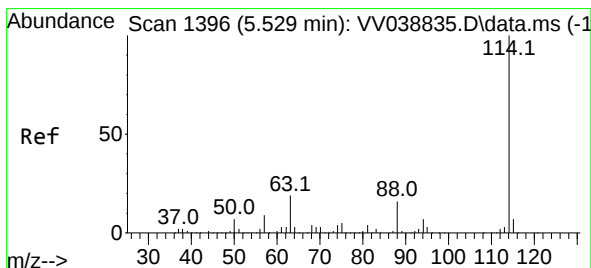
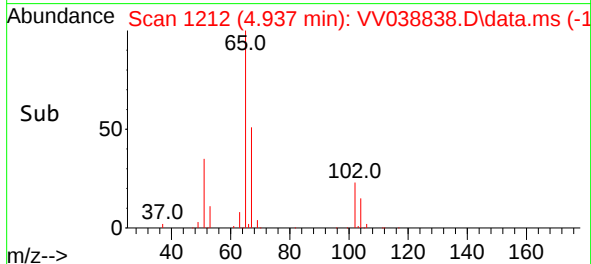
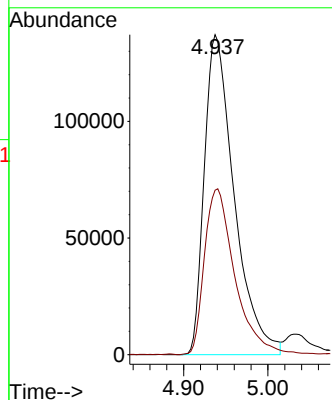
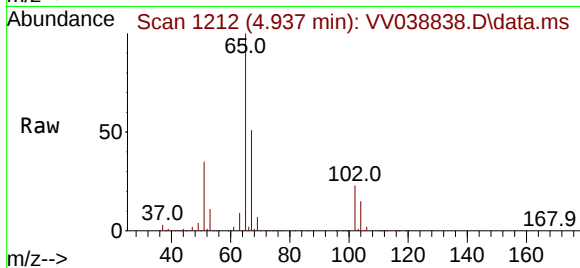
ICVVV070225

Tgt Ion: 65 Resp: 338262

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VV038838.D

Acq: 02 Jul 2025 13:14

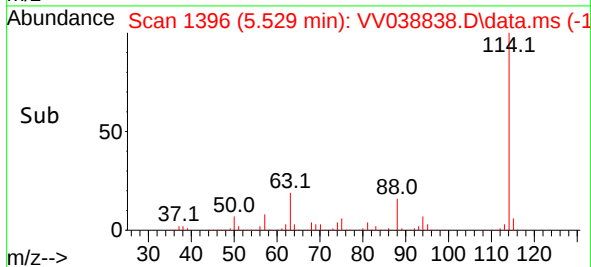
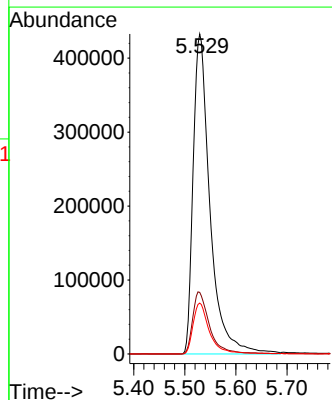
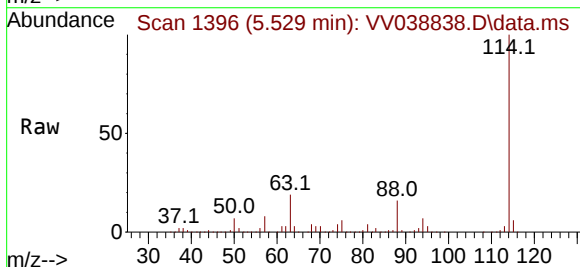
Tgt Ion: 114 Resp: 990418

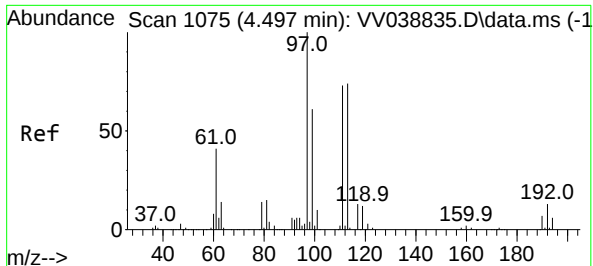
Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.4

88 15.9 0.0 31.2

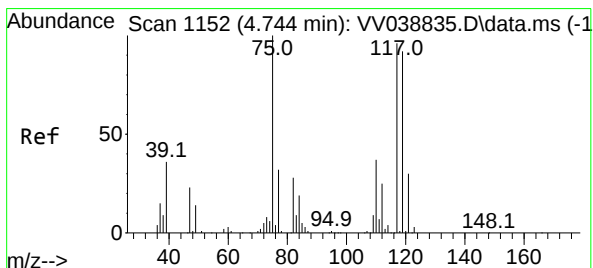
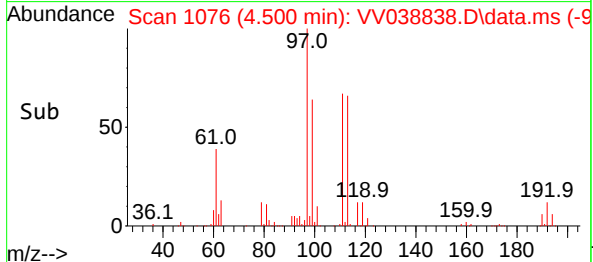
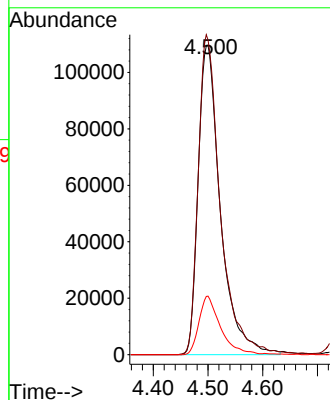
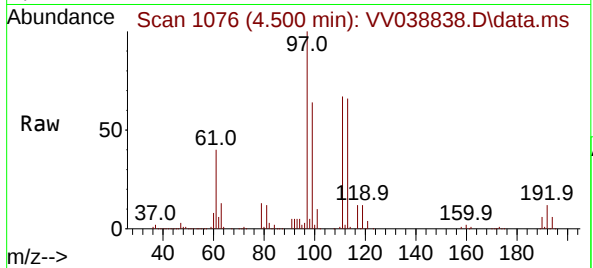




#35
Dibromofluoromethane
Concen: 49.355 ug/l
RT: 4.500 min Scan# 1107
Delta R.T. 0.003 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

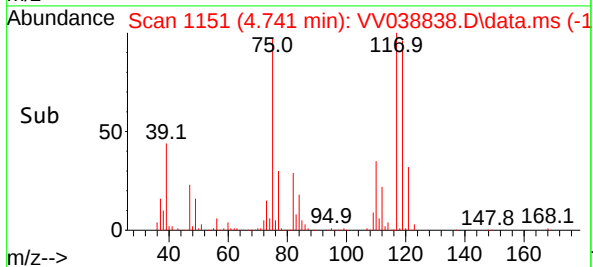
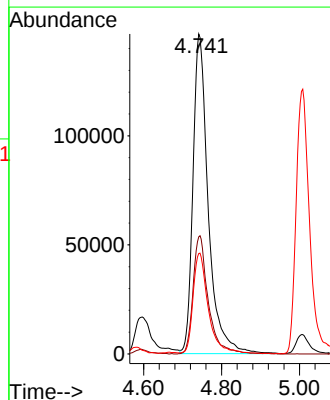
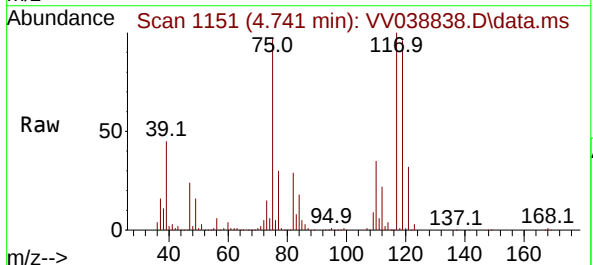
Instrument :
MSVOA_V
ClientSampleId :
ICVVV070225

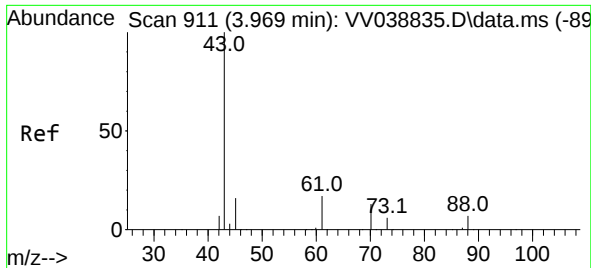
Tgt Ion:113 Resp: 309629
Ion Ratio Lower Upper
113 100
111 102.4 81.5 122.3
192 18.2 14.7 22.1



#36
1,1-Dichloropropene
Concen: 52.352 ug/l
RT: 4.741 min Scan# 1151
Delta R.T. -0.003 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

Tgt Ion: 75 Resp: 398538
Ion Ratio Lower Upper
75 100
110 36.7 19.3 57.9
77 31.4 25.1 37.7

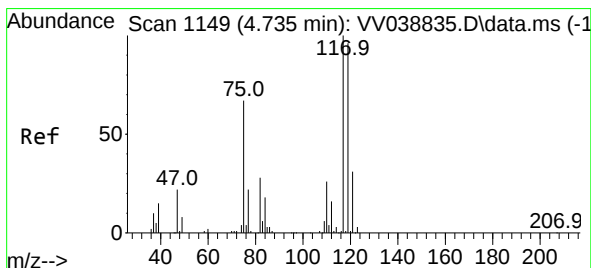
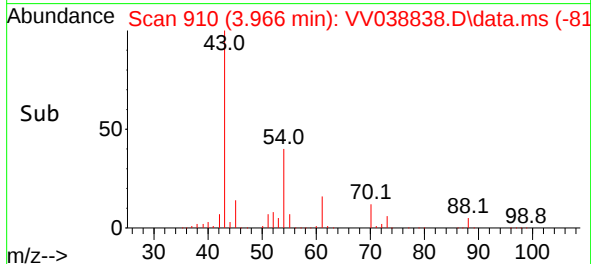
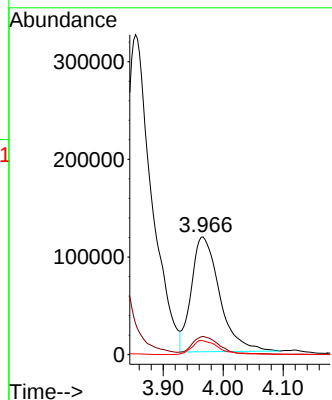
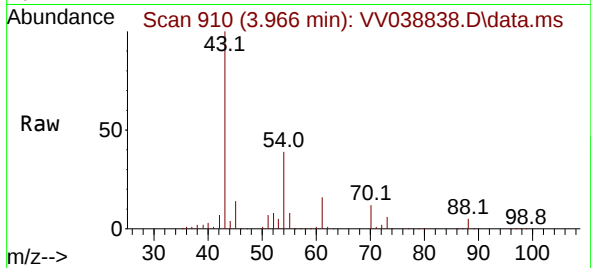




#37
Ethyl Acetate
Concen: 49.629 ug/l
RT: 3.966 min Scan# 911
Delta R.T. -0.003 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

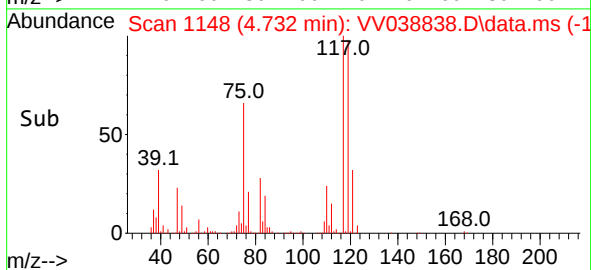
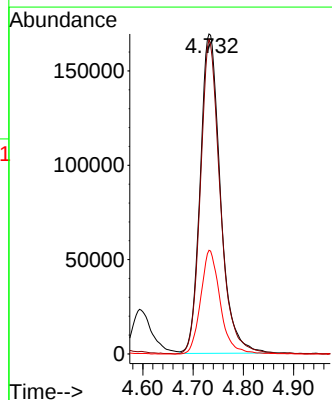
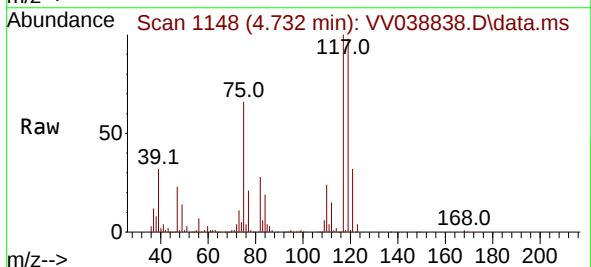
Instrument :
MSVOA_V
ClientSampleId :
ICVV070225

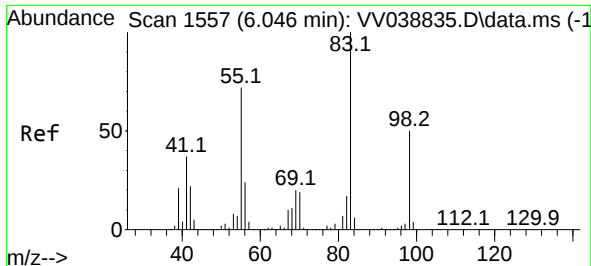
Tgt Ion: 43 Resp: 385512
Ion Ratio Lower Upper
43 100
61 14.0 13.0 19.4
70 11.2 9.6 14.4



#38
Carbon Tetrachloride
Concen: 47.208 ug/l
RT: 4.732 min Scan# 1148
Delta R.T. -0.003 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

Tgt Ion: 117 Resp: 473022
Ion Ratio Lower Upper
117 100
119 98.2 76.5 114.7
121 32.5 25.0 37.6





#39

Methylcyclohexane

Concen: 49.985 ug/l

RT: 6.043 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV038838.D

Acq: 02 Jul 2025 13:14

Instrument :

MSVOA_V

ClientSampleId :

ICVV070225

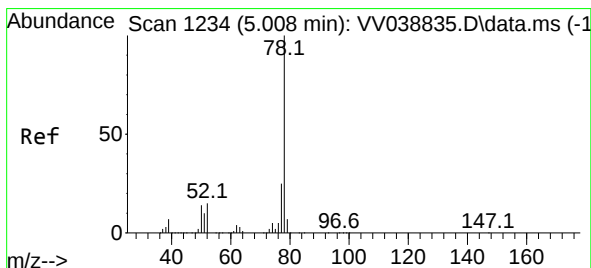
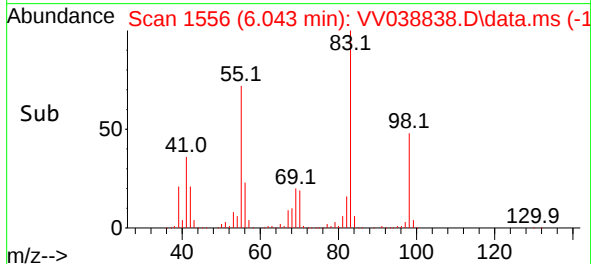
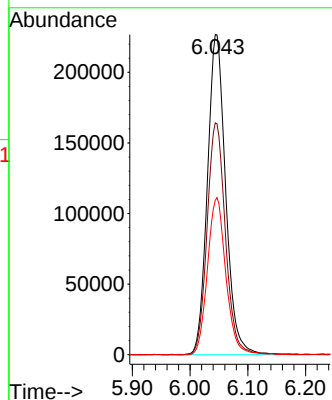
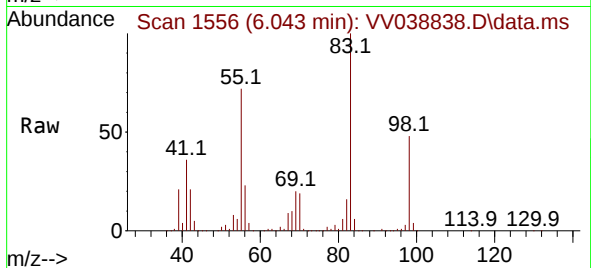
Tgt Ion: 83 Resp: 497521

Ion Ratio Lower Upper

83 100

55 72.5 57.7 86.5

98 48.2 40.2 60.2



#40

Benzene

Concen: 48.682 ug/l

RT: 5.005 min Scan# 1233

Delta R.T. -0.003 min

Lab File: VV038838.D

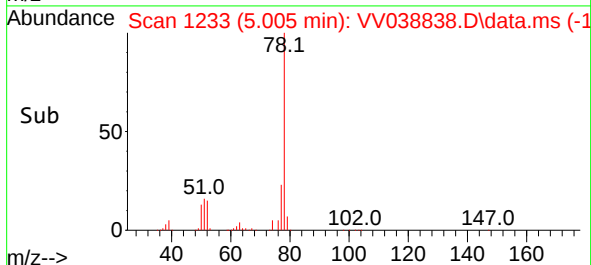
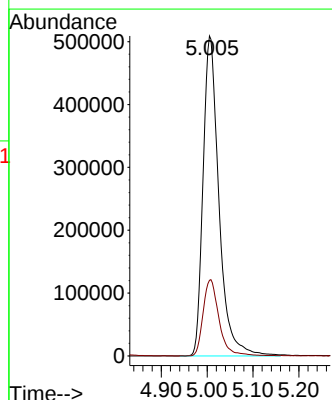
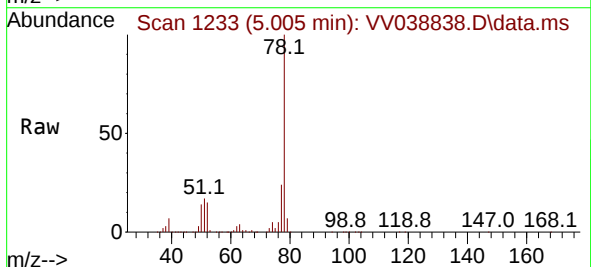
Acq: 02 Jul 2025 13:14

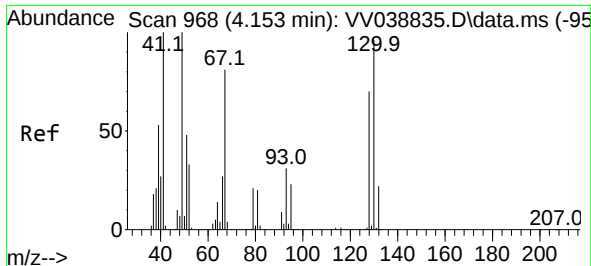
Tgt Ion: 78 Resp: 1223741

Ion Ratio Lower Upper

78 100

77 23.6 19.6 29.4



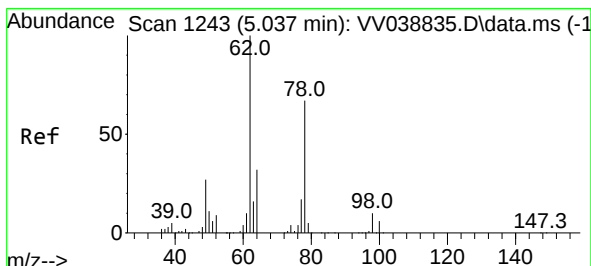
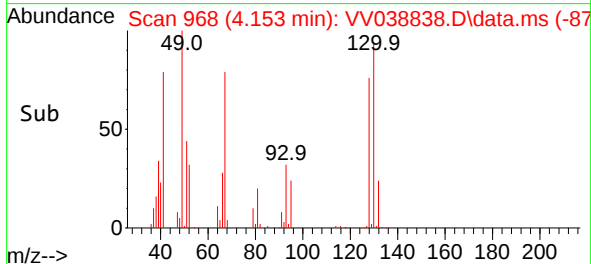
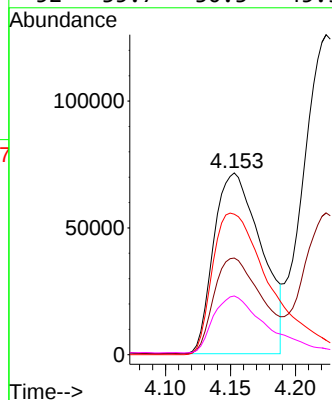
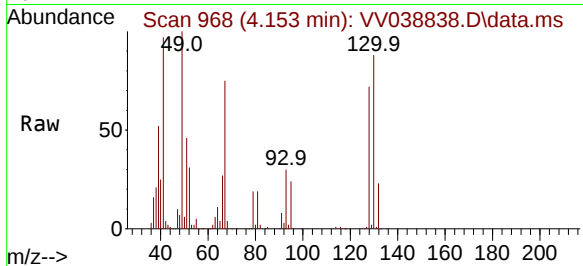


#41
Methacrylonitrile
Concen: 48.289 ug/l
RT: 4.153 min Scan# 968
Delta R.T. 0.000 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

Instrument :
MSVOA_V
ClientSampleId :
ICVV070225

Tgt Ion: 41 Resp: 181656

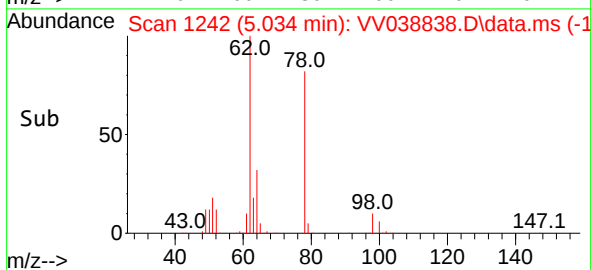
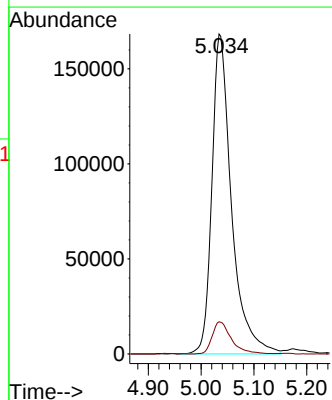
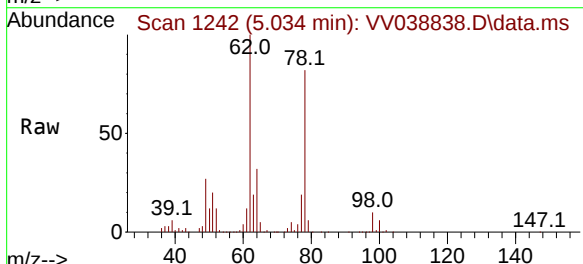
Ion	Ratio	Lower	Upper
41	100		
39	52.7	43.8	65.8
67	99.4	78.8	118.2
52	35.7	30.3	45.5

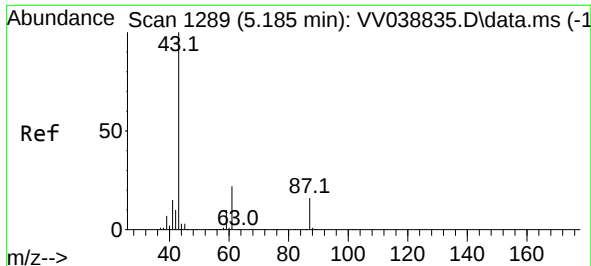


#42
1,2-Dichloroethane
Concen: 48.772 ug/l
RT: 5.034 min Scan# 1242
Delta R.T. -0.003 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

Tgt Ion: 62 Resp: 434052

Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.0

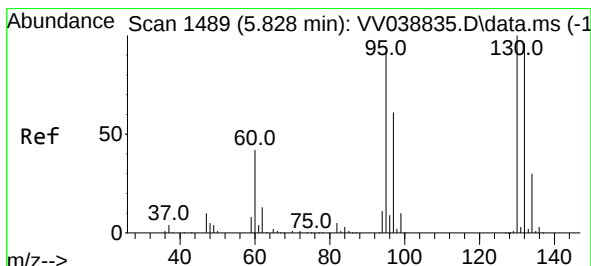
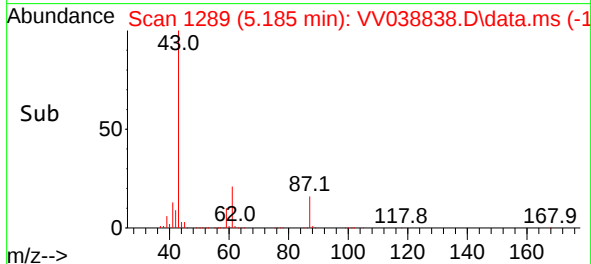
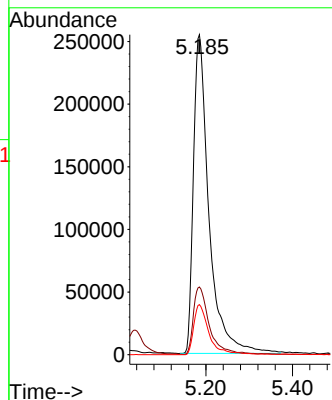
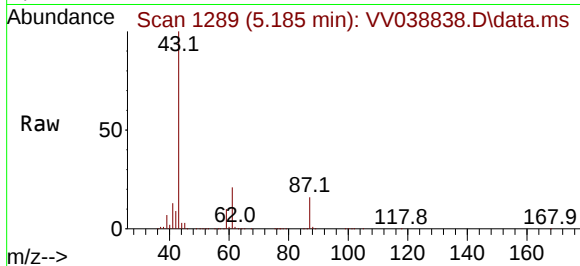




#43
Isopropyl Acetate
Concen: 51.229 ug/l
RT: 5.185 min Scan# 1289
Delta R.T. 0.000 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

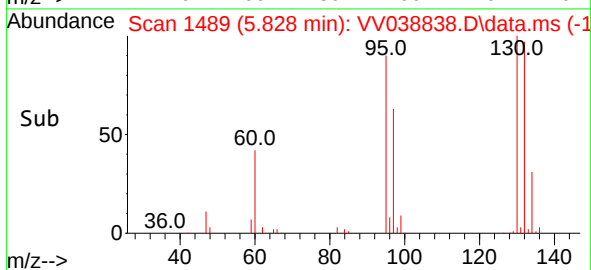
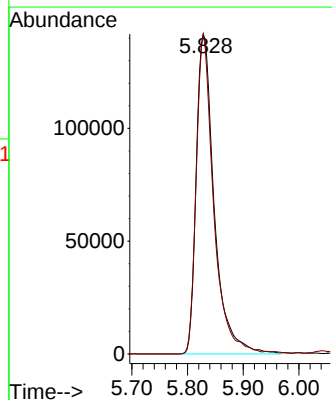
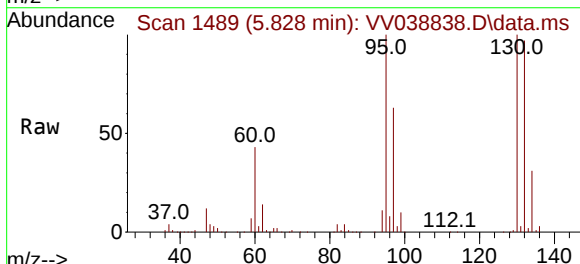
Instrument : MSVOA_V
ClientSampleId : ICVV070225

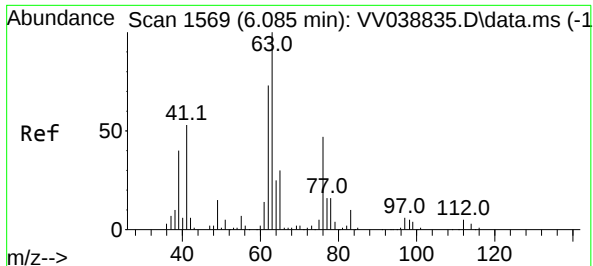
Tgt Ion: 43 Resp: 634853
Ion Ratio Lower Upper
43 100
61 21.1 17.0 25.6
87 15.4 13.0 19.6



#44
Trichloroethene
Concen: 48.661 ug/l
RT: 5.828 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

Tgt Ion:130 Resp: 319219
Ion Ratio Lower Upper
130 100
95 99.8 0.0 184.4





#45

1,2-Dichloropropane

Concen: 49.330 ug/l

RT: 6.085 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VV038838.D

Acq: 02 Jul 2025 13:14

Instrument :

MSVOA_V

ClientSampleId :

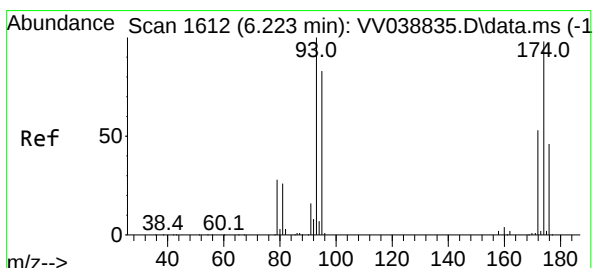
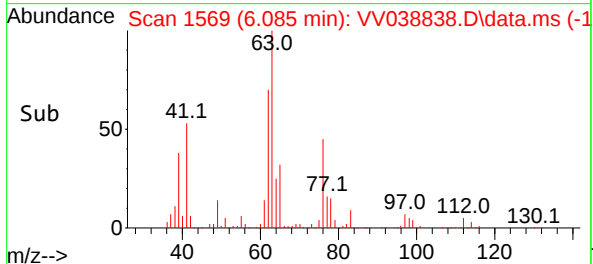
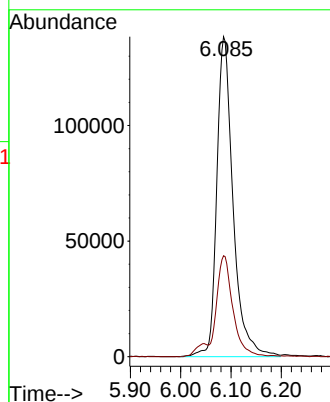
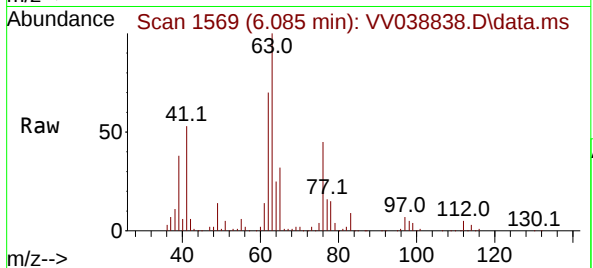
ICVVV070225

Tgt Ion: 63 Resp: 311428

Ion Ratio Lower Upper

63 100

65 31.5 24.3 36.5



#46

Dibromomethane

Concen: 47.266 ug/l

RT: 6.223 min Scan# 1612

Delta R.T. 0.000 min

Lab File: VV038838.D

Acq: 02 Jul 2025 13:14

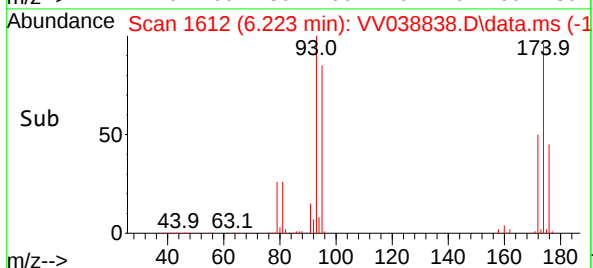
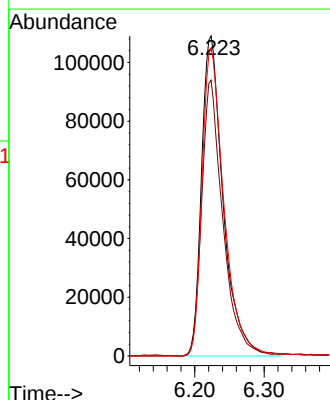
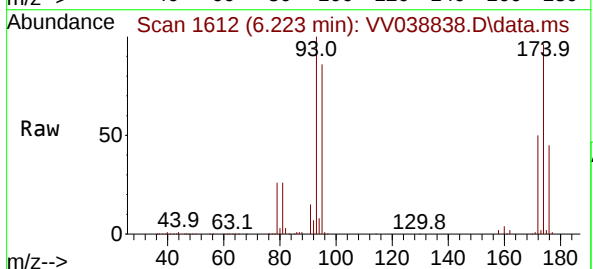
Tgt Ion: 93 Resp: 235320

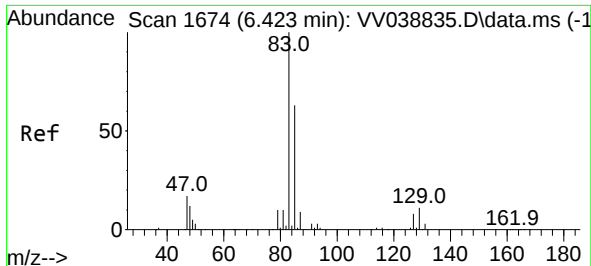
Ion Ratio Lower Upper

93 100

95 84.2 66.7 100.1

174 97.7 78.7 118.1

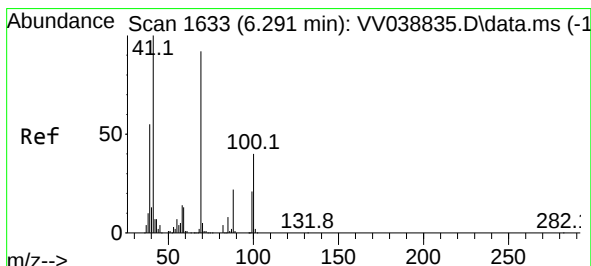
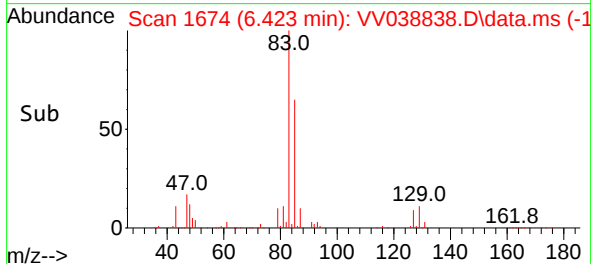
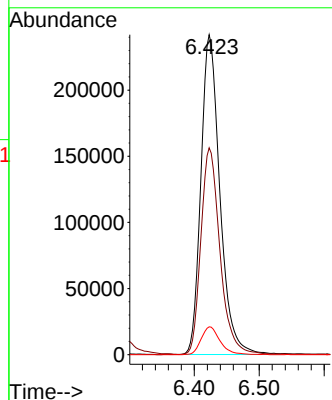
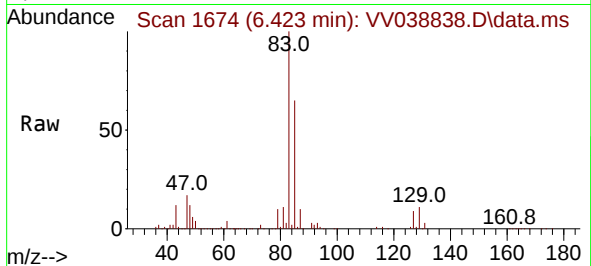




#47
Bromodichloromethane
Concen: 46.716 ug/l
RT: 6.423 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

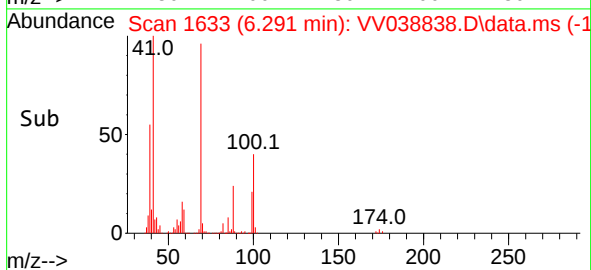
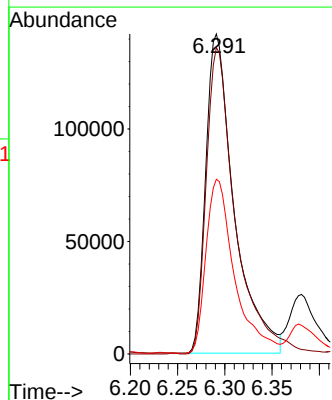
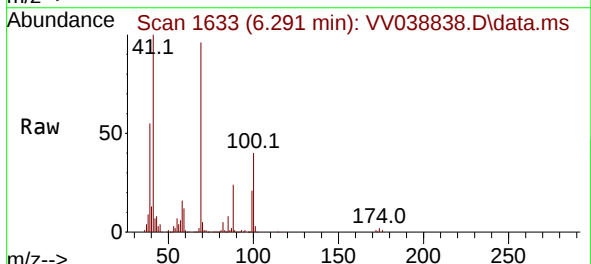
Instrument :
MSVOA_V
ClientSampleId :
ICVVV070225

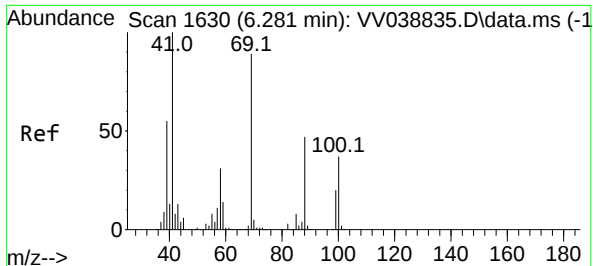
Tgt Ion: 83 Resp: 492474
Ion Ratio Lower Upper
83 100
85 64.6 50.1 75.1
127 8.7 6.6 10.0



#48
Methyl methacrylate
Concen: 50.502 ug/l
RT: 6.291 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

Tgt Ion: 41 Resp: 297588
Ion Ratio Lower Upper
41 100
69 98.5 77.4 116.2
39 54.5 44.2 66.4





#49

1,4-Dioxane

Concen: 1142.427 ug/l

RT: 6.281 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038838.D

Acq: 02 Jul 2025 13:14

Instrument :

MSVOA_V

ClientSampleId :

ICVVV070225

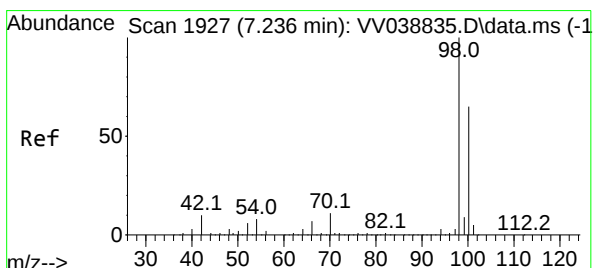
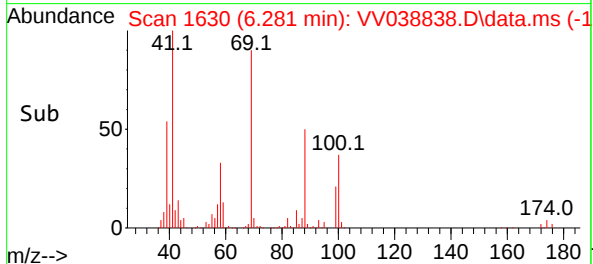
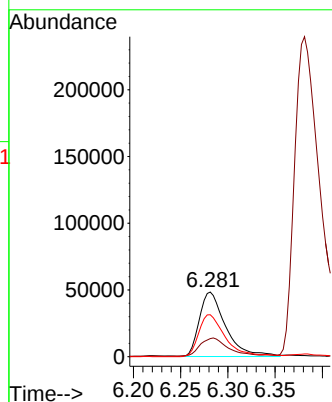
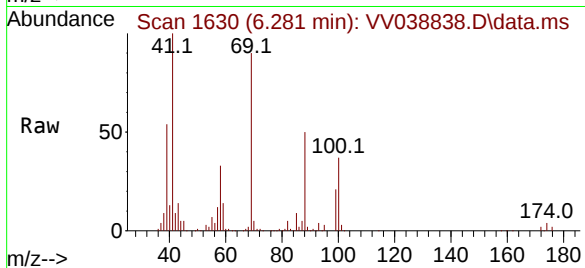
Tgt Ion: 88 Resp: 93310

Ion Ratio Lower Upper

88 100

43 30.5 25.2 37.8

58 66.2 52.1 78.1



#50

Toluene-d8

Concen: 48.399 ug/l

RT: 7.233 min Scan# 1926

Delta R.T. -0.003 min

Lab File: VV038838.D

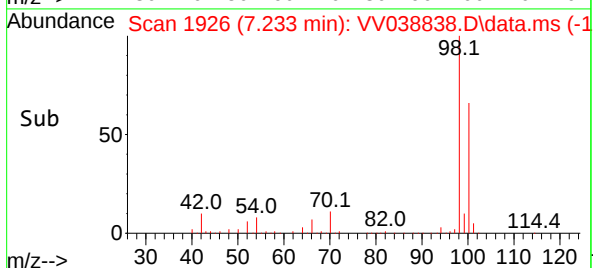
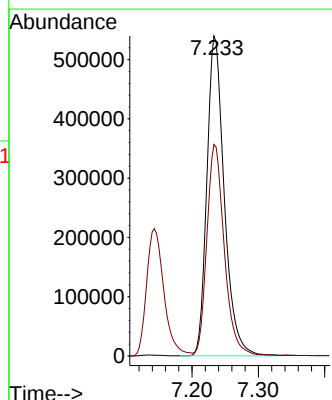
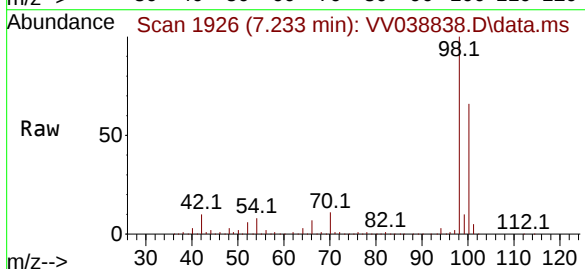
Acq: 02 Jul 2025 13:14

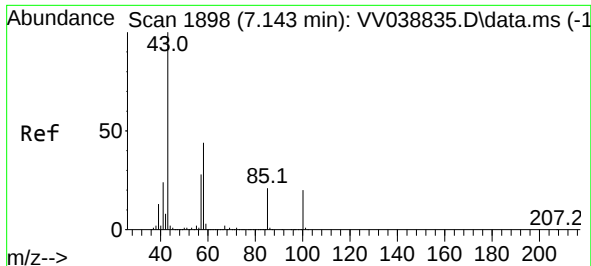
Tgt Ion: 98 Resp: 982366

Ion Ratio Lower Upper

98 100

100 66.4 53.0 79.4

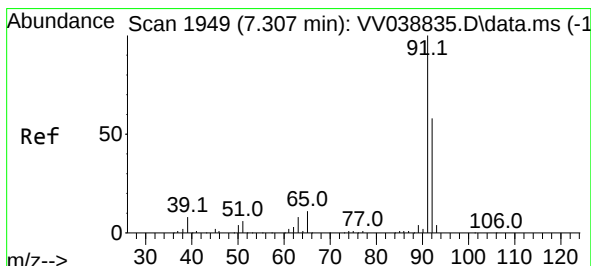
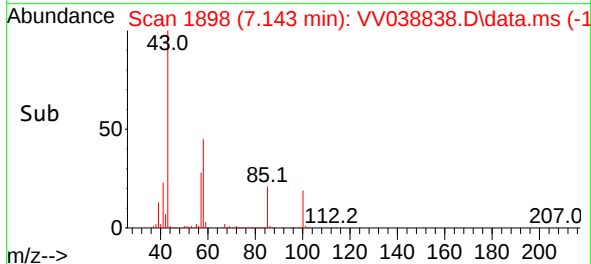
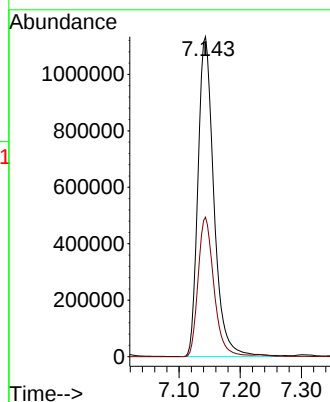
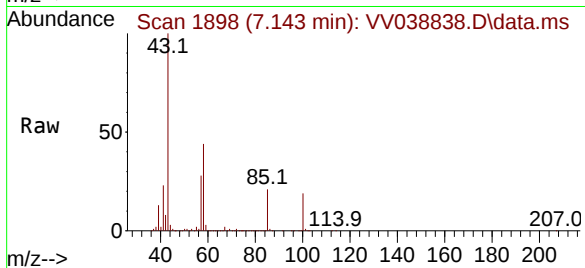




#51
4-Methyl-2-Pentanone
Concen: 262.138 ug/l
RT: 7.143 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

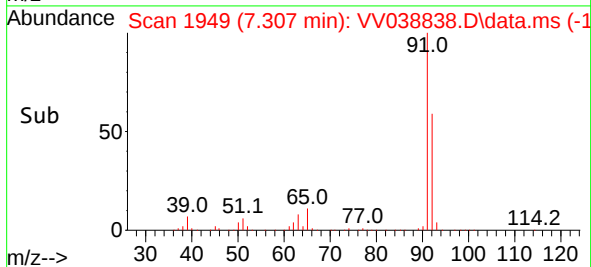
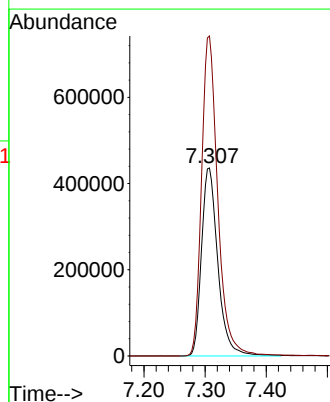
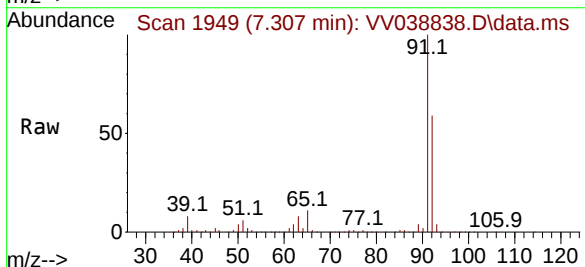
Instrument : MSVOA_V
ClientSampleId : ICVV070225

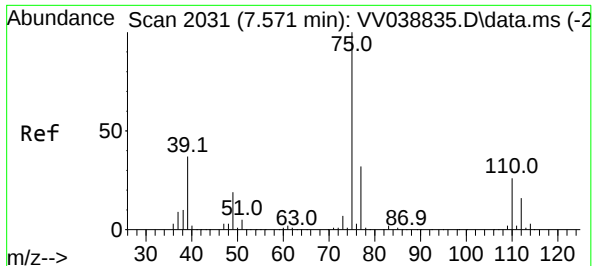
Tgt Ion: 43 Resp: 2049946
Ion Ratio Lower Upper
43 100
58 43.4 34.4 51.6



#52
Toluene
Concen: 51.508 ug/l
RT: 7.307 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

Tgt Ion: 92 Resp: 808962
Ion Ratio Lower Upper
92 100
91 168.6 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 49.828 ug/l

RT: 7.571 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VV038838.D

Acq: 02 Jul 2025 13:14

Instrument :

MSVOA_V

ClientSampleId :

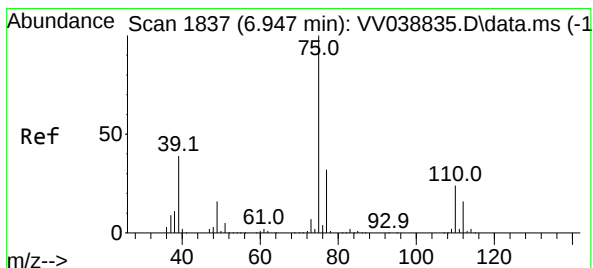
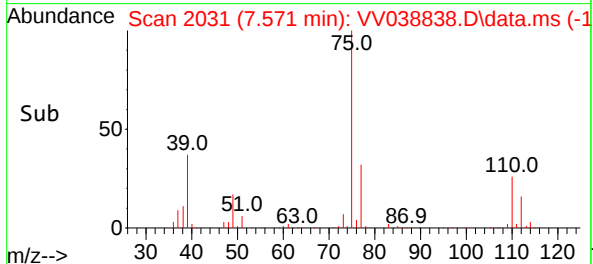
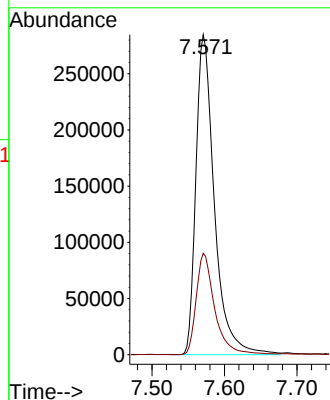
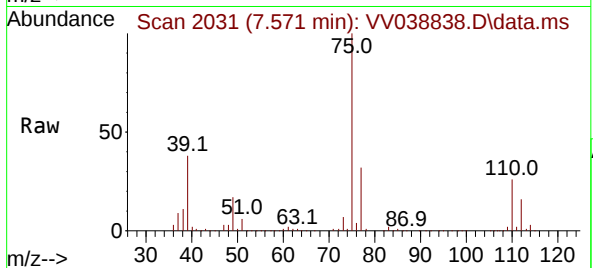
ICVVV070225

Tgt Ion: 75 Resp: 502875

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 51.827 ug/l

RT: 6.944 min Scan# 1836

Delta R.T. -0.003 min

Lab File: VV038838.D

Acq: 02 Jul 2025 13:14

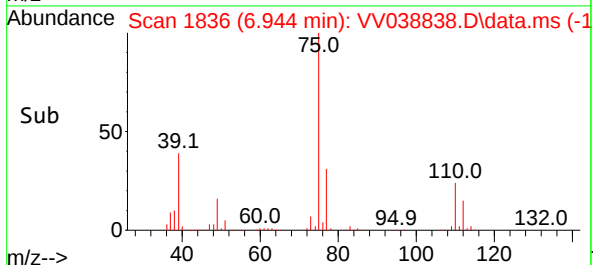
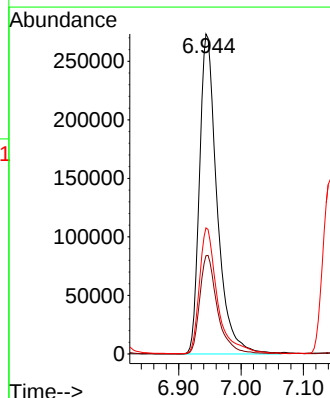
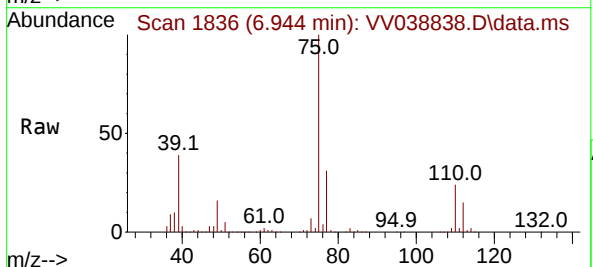
Tgt Ion: 75 Resp: 534806

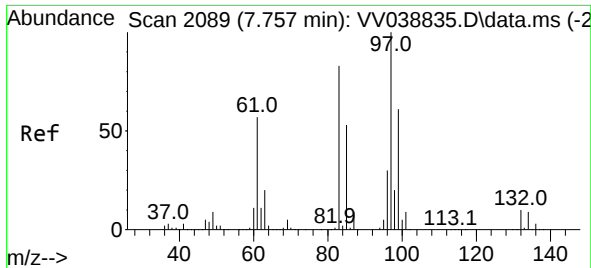
Ion Ratio Lower Upper

75 100

77 30.7 25.8 38.8

39 39.3 31.3 46.9

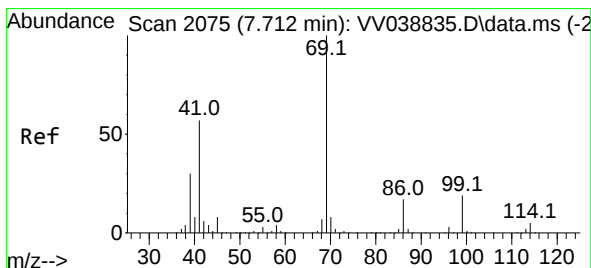
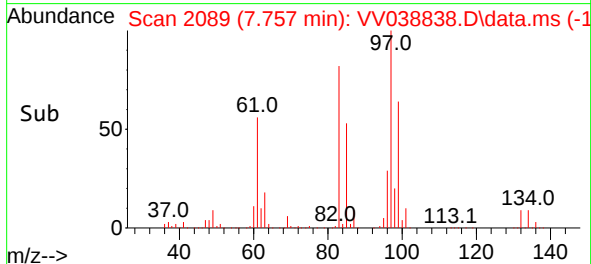
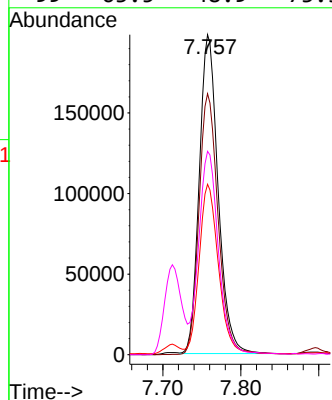
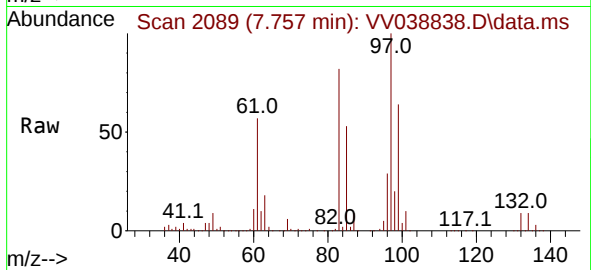




#55
1,1,2-Trichloroethane
Concen: 48.484 ug/l
RT: 7.757 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

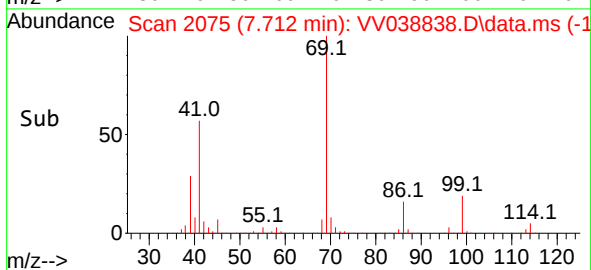
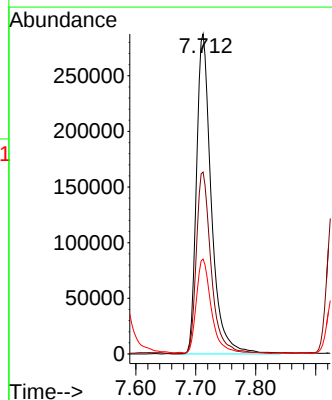
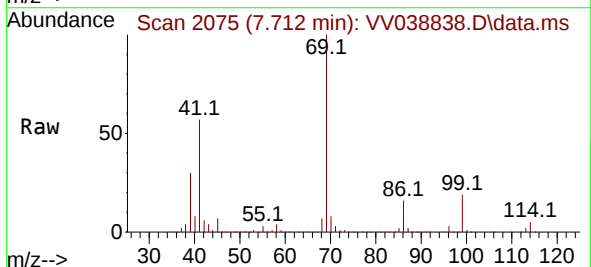
Instrument :
MSVOA_V
ClientSampleId :
ICVV070225

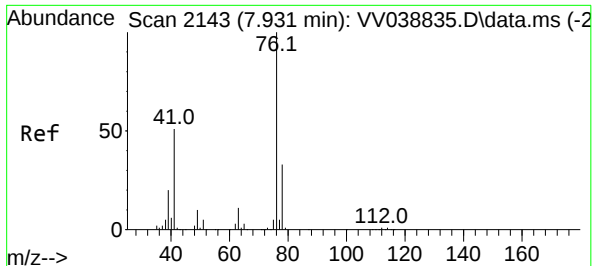
Tgt Ion:	97	Resp:	332979
Ion	Ratio	Lower	Upper
97	100		
83	81.7	66.2	99.4
85	53.1	42.2	63.4
99	63.5	48.9	73.3



#56
Ethyl methacrylate
Concen: 55.012 ug/l
RT: 7.712 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

Tgt Ion:	69	Resp:	497036
Ion	Ratio	Lower	Upper
69	100		
41	56.6	46.1	69.1
39	29.8	24.1	36.1

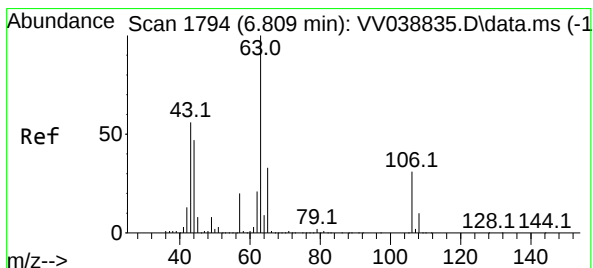
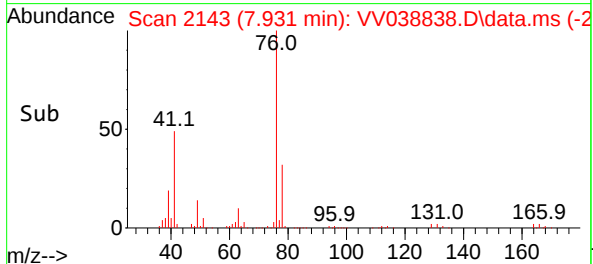
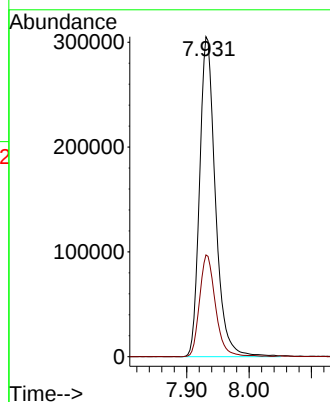
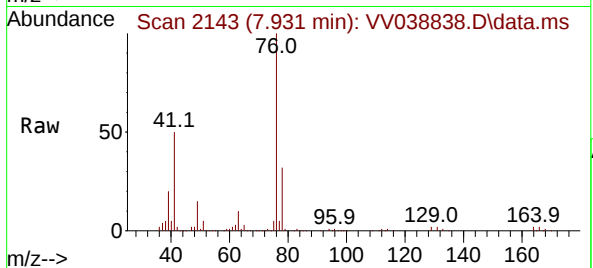




#57
1,3-Dichloropropane
Concen: 49.677 ug/l
RT: 7.931 min Scan# 2143
Delta R.T. 0.000 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

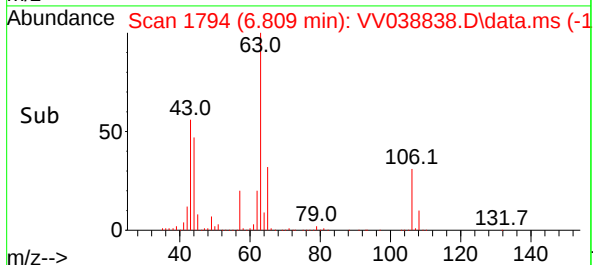
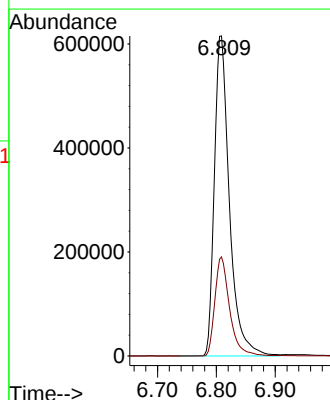
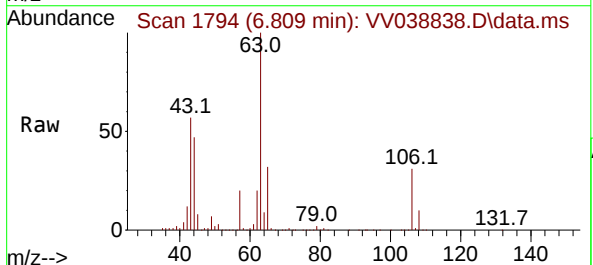
Instrument :
MSVOA_V
ClientSampleId :
ICVVV070225

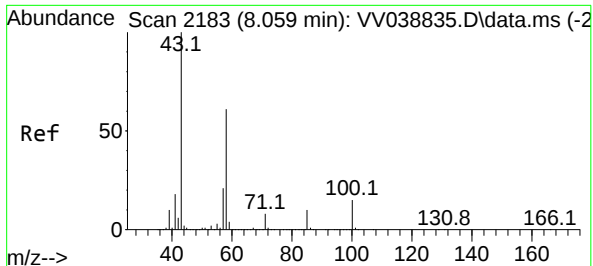
Tgt Ion: 76 Resp: 537445
Ion Ratio Lower Upper
76 100
78 32.1 26.2 39.2



#58
2-Chloroethyl Vinyl ether
Concen: 266.886 ug/l
RT: 6.809 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

Tgt Ion: 63 Resp: 1094915
Ion Ratio Lower Upper
63 100
106 30.3 24.6 37.0

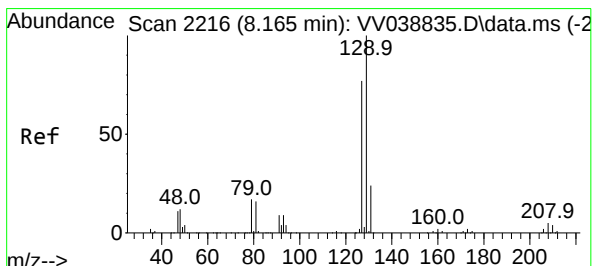
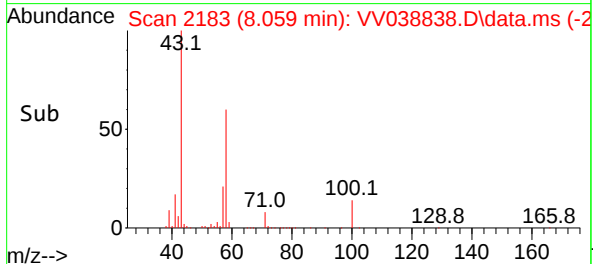
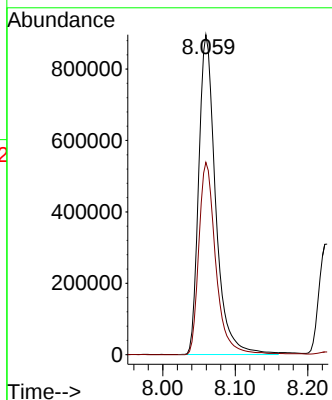
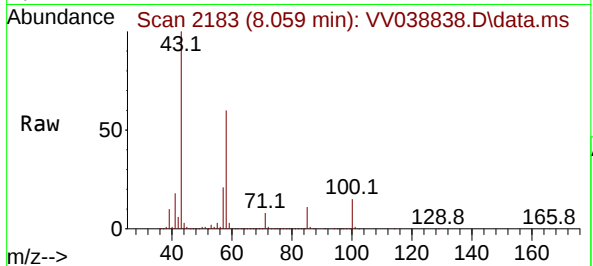




#59
2-Hexanone
Concen: 262.865 ug/l
RT: 8.059 min Scan# 2183
Delta R.T. 0.000 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

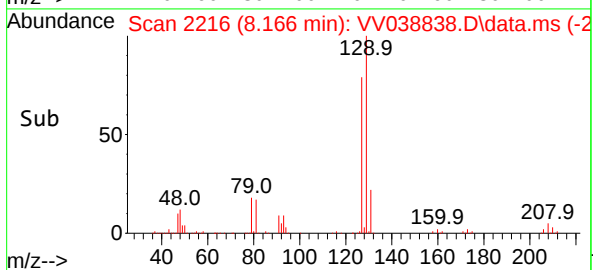
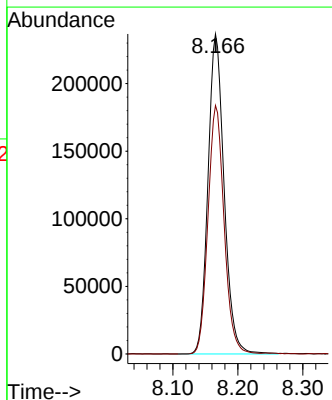
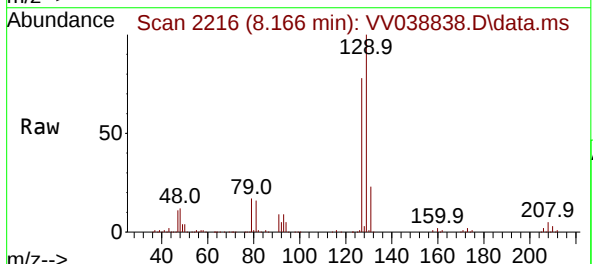
Instrument :
MSVOA_V
ClientSampleId :
ICVV070225

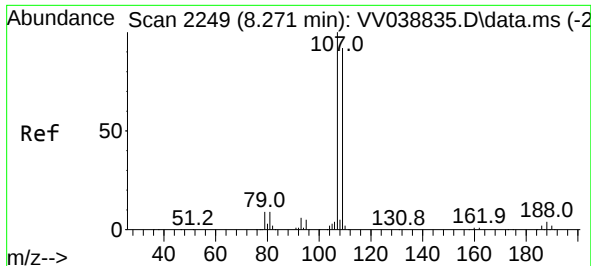
Tgt Ion: 43 Resp: 1449886
Ion Ratio Lower Upper
43 100
58 60.1 30.3 91.0



#60
Dibromochloromethane
Concen: 47.236 ug/l
RT: 8.166 min Scan# 2216
Delta R.T. 0.000 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

Tgt Ion: 129 Resp: 408458
Ion Ratio Lower Upper
129 100
127 77.6 38.2 114.6

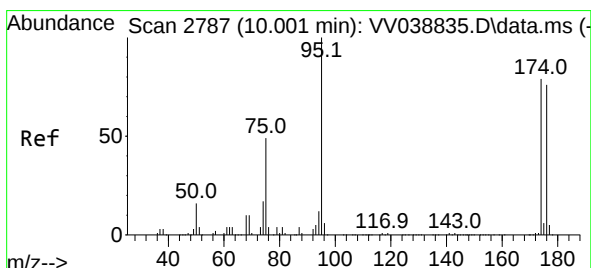
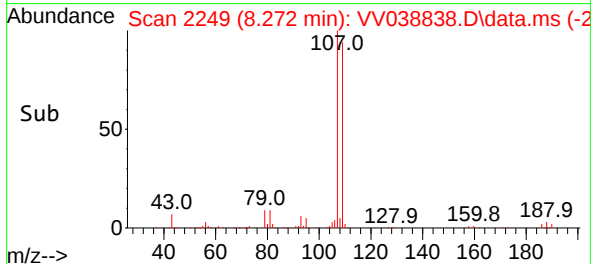
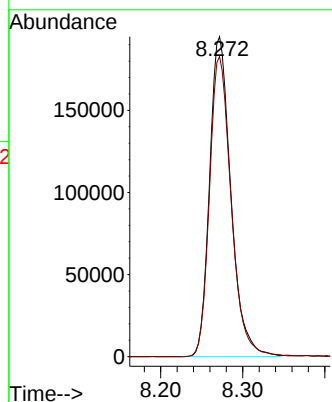
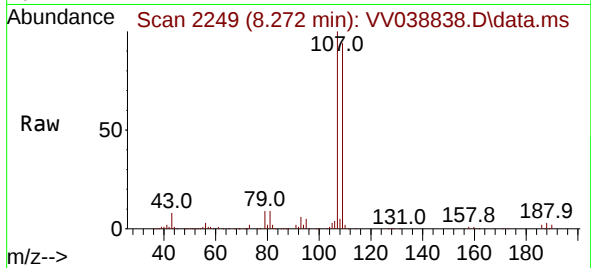




#61
1,2-Dibromoethane
Concen: 49.466 ug/l
RT: 8.272 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

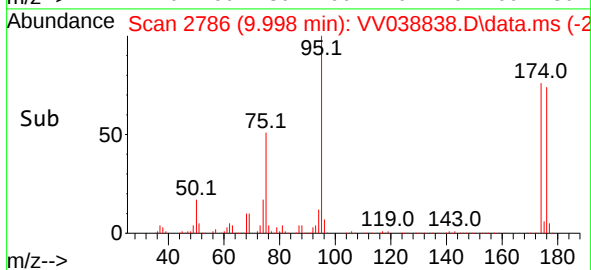
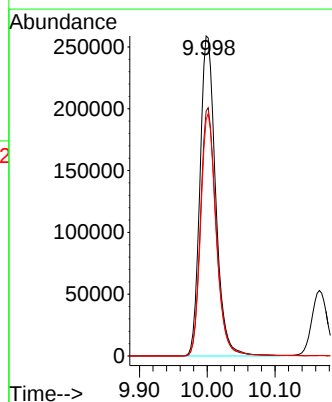
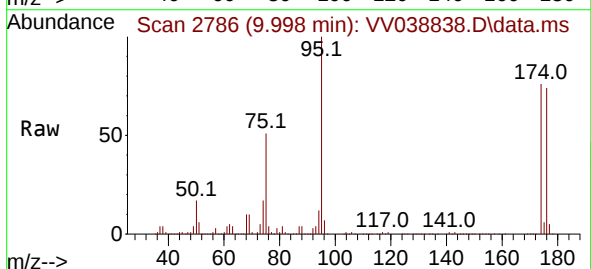
Instrument :
MSVOA_V
ClientSampleId :
ICVV070225

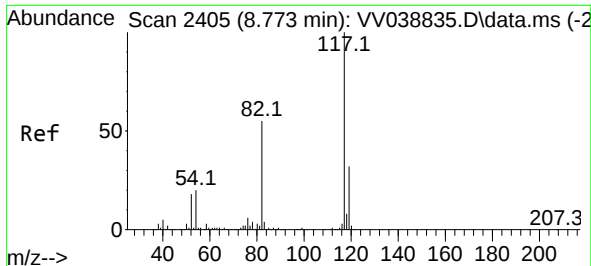
Tgt Ion:107 Resp: 351473
Ion Ratio Lower Upper
107 100
109 95.4 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 50.568 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. -0.003 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

Tgt Ion: 95 Resp: 414678
Ion Ratio Lower Upper
95 100
174 77.5 0.0 158.2
176 75.0 0.0 154.4

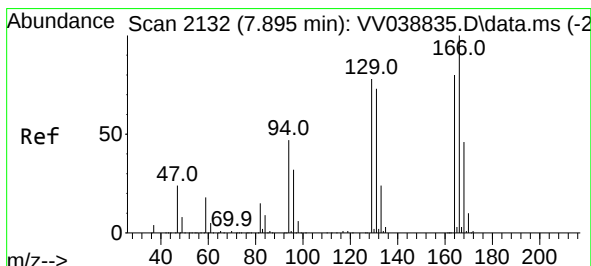
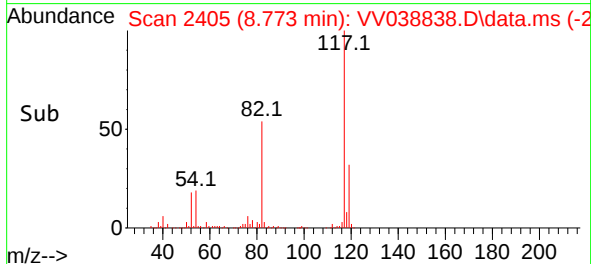
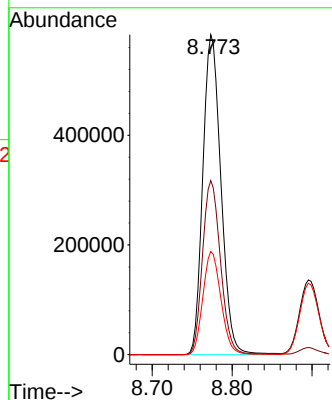
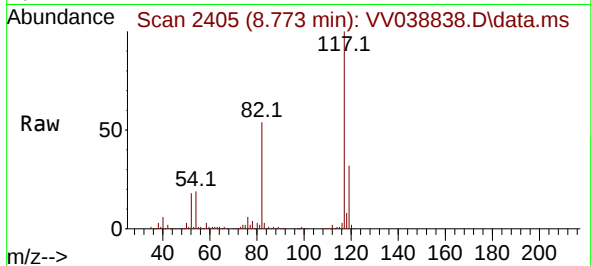




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

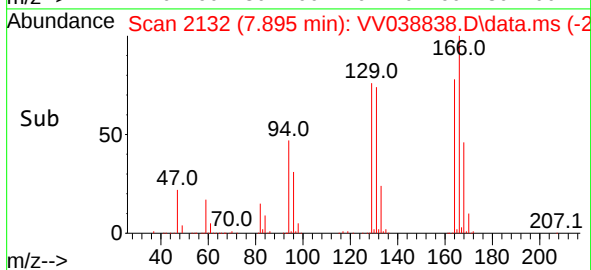
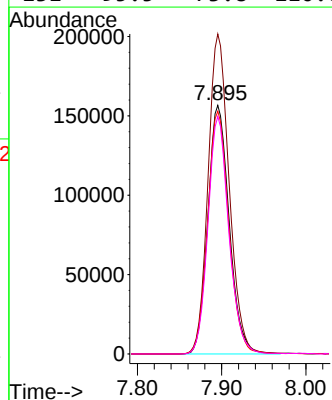
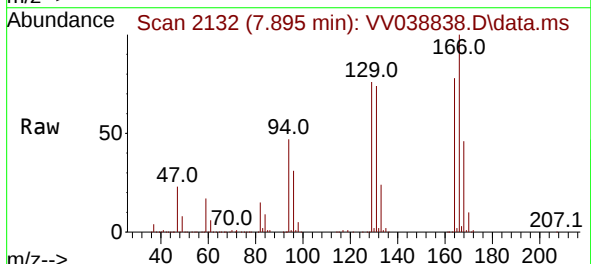
Instrument : MSVOA_V
ClientSampleId : ICVV070225

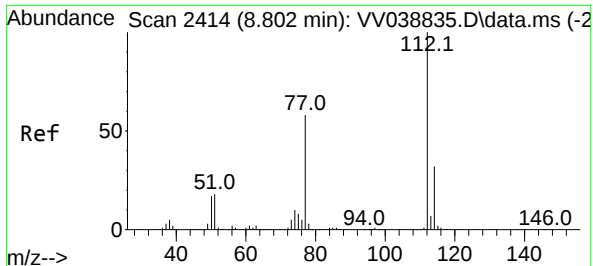
Tgt Ion:117 Resp: 921943
Ion Ratio Lower Upper
117 100
82 54.4 44.2 66.4
119 32.3 25.5 38.3



#64
Tetrachloroethene
Concen: 46.698 ug/l
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

Tgt Ion:164 Resp: 276857
Ion Ratio Lower Upper
164 100
166 128.7 100.6 151.0
129 97.6 78.4 117.6
131 95.5 73.8 110.6





#65

Chlorobenzene

Concen: 47.266 ug/l

RT: 8.802 min Scan# 2414

Delta R.T. 0.000 min

Lab File: VV038838.D

Acq: 02 Jul 2025 13:14

Instrument :

MSVOA_V

ClientSampleId :

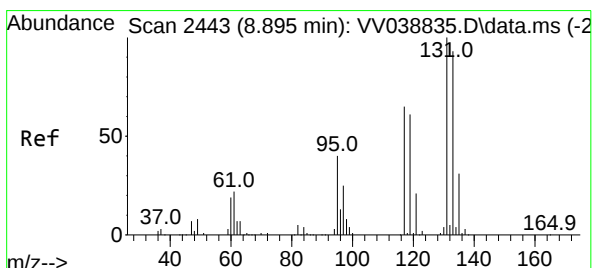
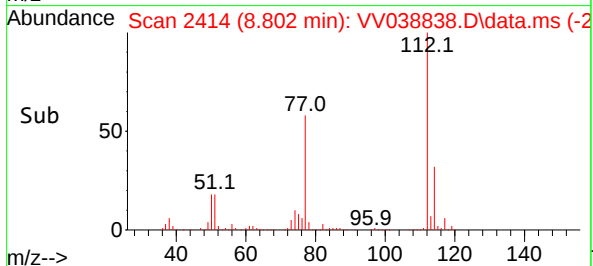
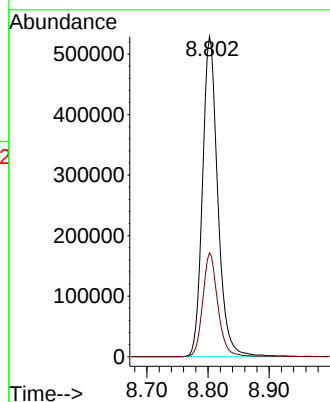
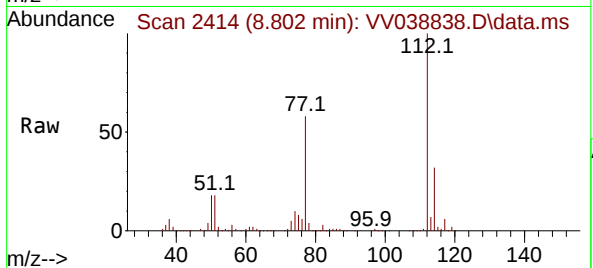
ICVV070225

Tgt Ion:112 Resp: 918349

Ion Ratio Lower Upper

112 100

114 32.4 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 47.202 ug/l

RT: 8.895 min Scan# 2443

Delta R.T. 0.000 min

Lab File: VV038838.D

Acq: 02 Jul 2025 13:14

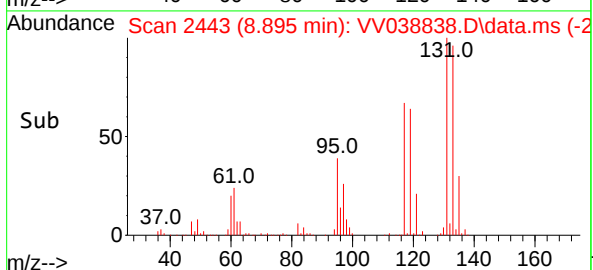
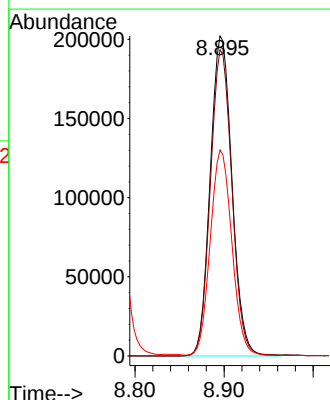
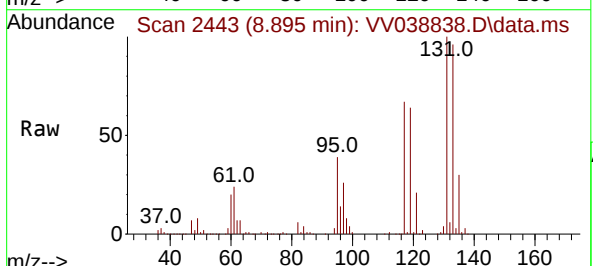
Tgt Ion:131 Resp: 342462

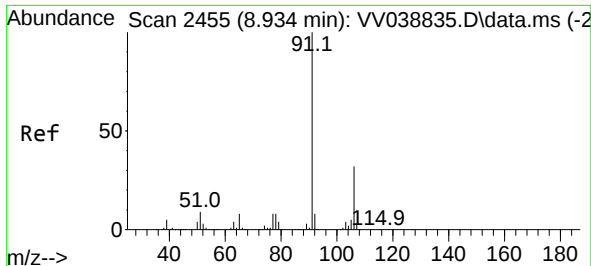
Ion Ratio Lower Upper

131 100

133 94.7 47.3 142.0

119 63.8 31.0 93.0





#67

Ethyl Benzene

Concen: 50.967 ug/l

RT: 8.934 min Scan# 2455

Delta R.T. 0.000 min

Lab File: VV038838.D

Acq: 02 Jul 2025 13:14

Instrument :

MSVOA_V

ClientSampleId :

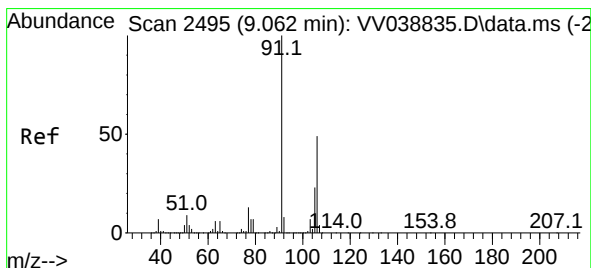
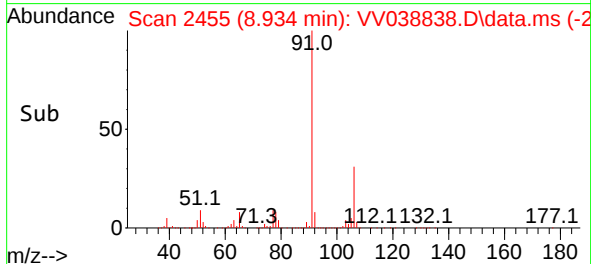
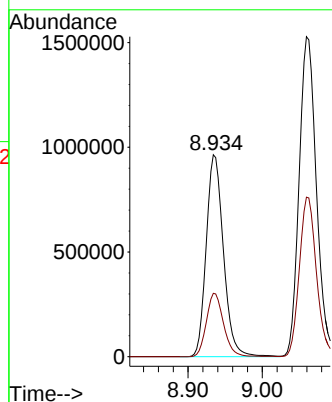
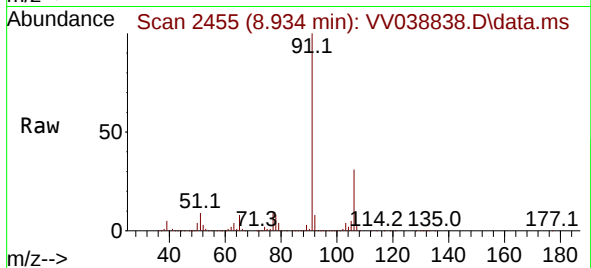
ICVV070225

Tgt Ion: 91 Resp: 1551465

Ion Ratio Lower Upper

91 100

106 31.3 25.2 37.8



#68

m/p-Xylenes

Concen: 105.247 ug/l

RT: 9.059 min Scan# 2494

Delta R.T. -0.003 min

Lab File: VV038838.D

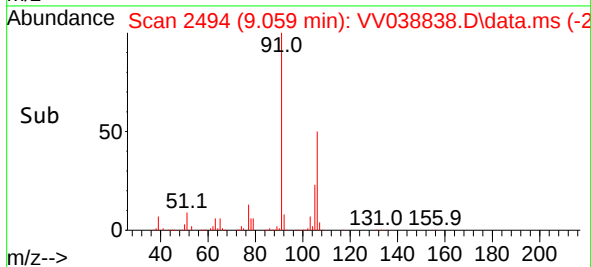
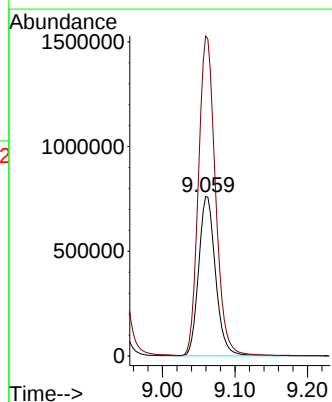
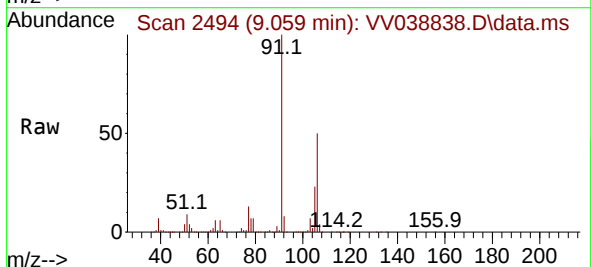
Acq: 02 Jul 2025 13:14

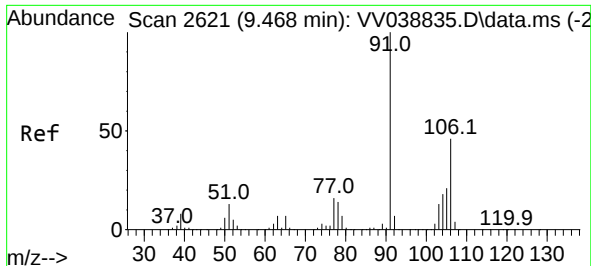
Tgt Ion:106 Resp: 1227136

Ion Ratio Lower Upper

106 100

91 203.7 162.9 244.3

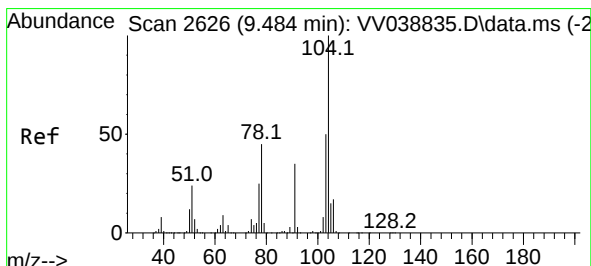
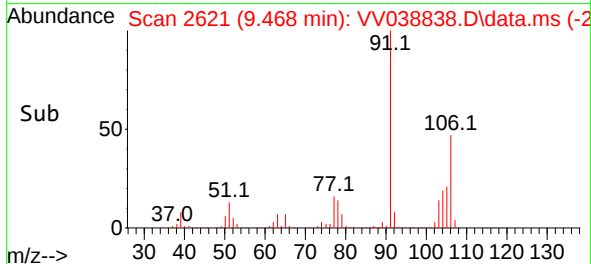
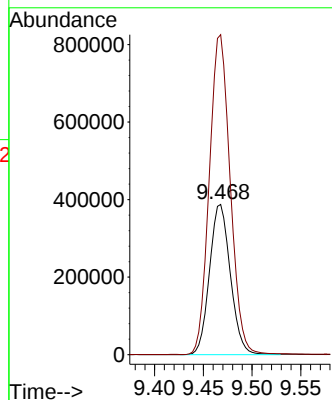
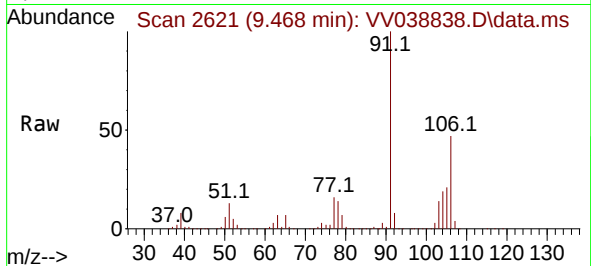




#69
o-Xylene
Concen: 51.762 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

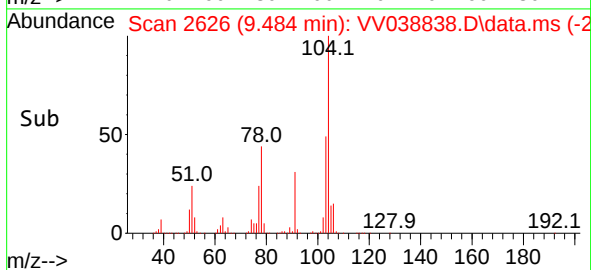
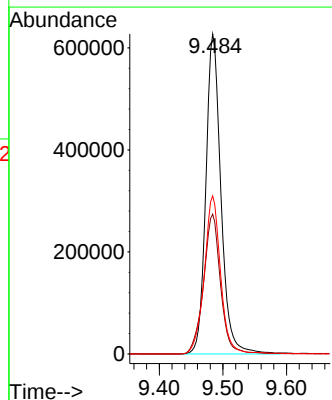
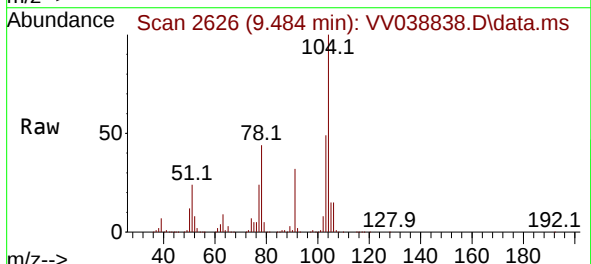
Instrument :
MSVOA_V
ClientSampleId :
ICVV070225

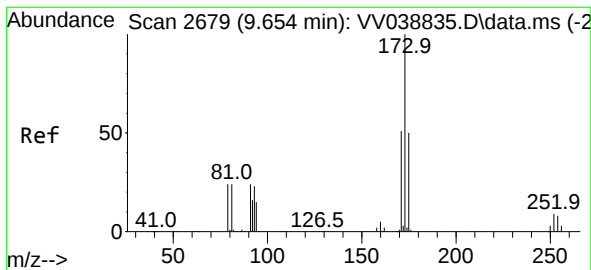
Tgt Ion:106 Resp: 576607
Ion Ratio Lower Upper
106 100
91 214.3 107.6 322.8



#70
Styrene
Concen: 53.321 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

Tgt Ion:104 Resp: 1037066
Ion Ratio Lower Upper
104 100
78 49.1 39.9 59.9
103 53.5 43.4 65.0





#71

Bromoform

Concen: 48.300 ug/l

RT: 9.651 min Scan# 2

Delta R.T. -0.003 min

Lab File: VV038838.D

Acq: 02 Jul 2025 13:14

Instrument :

MSVOA_V

ClientSampleId :

ICVVV070225

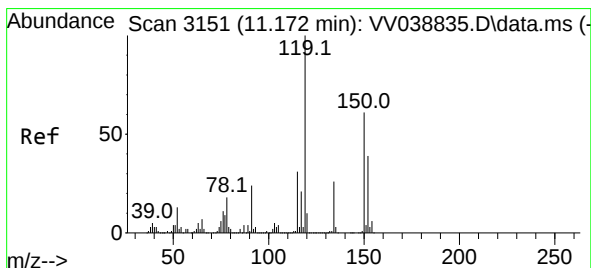
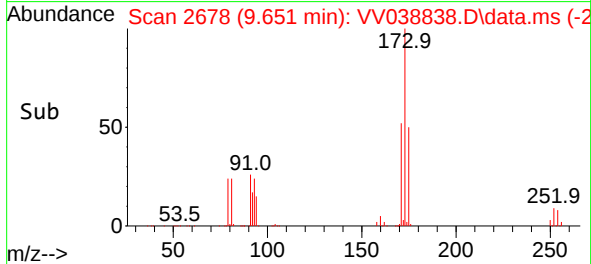
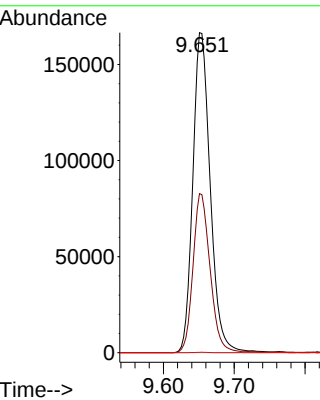
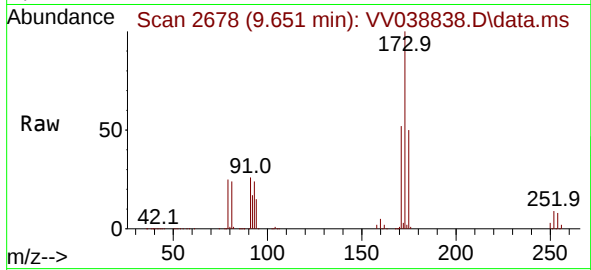
Tgt Ion:173 Resp: 284763

Ion Ratio Lower Upper

173 100

175 48.8 24.3 72.9

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VV038838.D

Acq: 02 Jul 2025 13:14

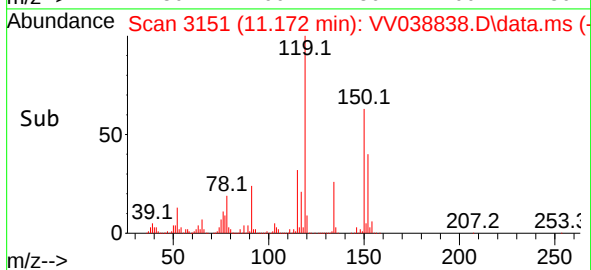
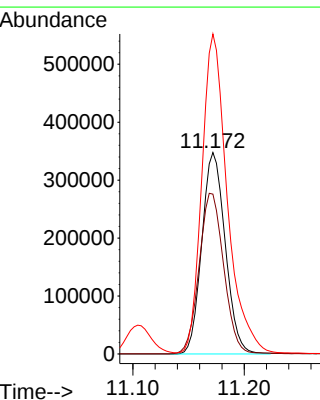
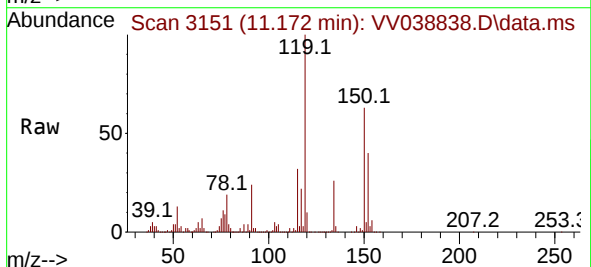
Tgt Ion:152 Resp: 508140

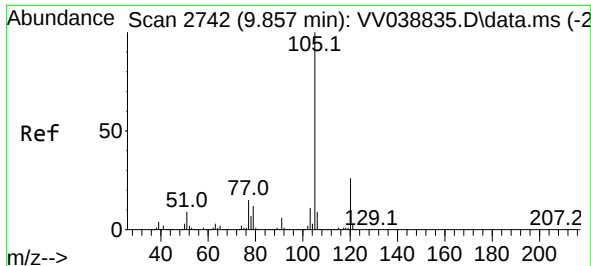
Ion Ratio Lower Upper

152 100

115 83.6 42.0 126.0

150 172.5 0.0 343.6

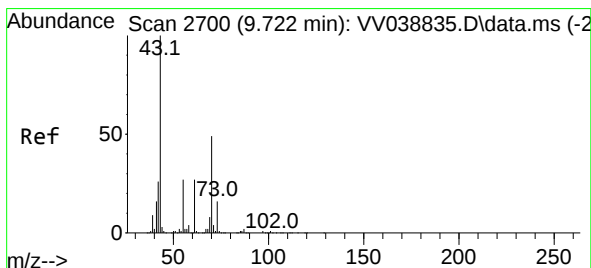
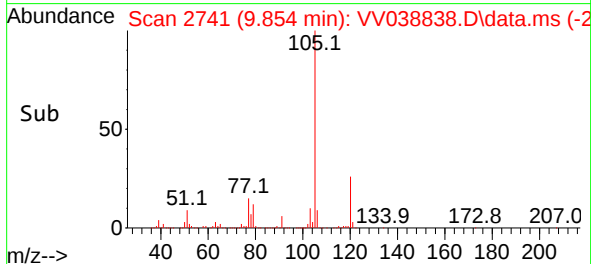
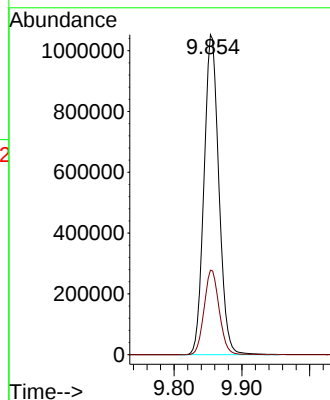
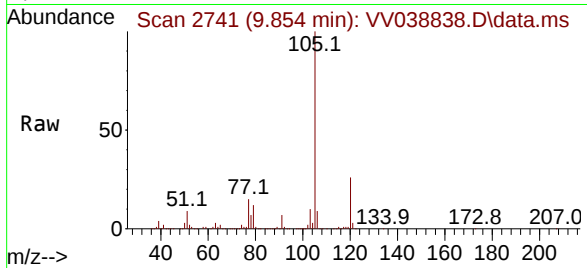




#73
Isopropylbenzene
Concen: 53.735 ug/l
RT: 9.854 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

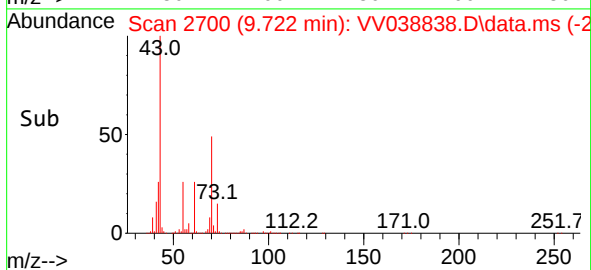
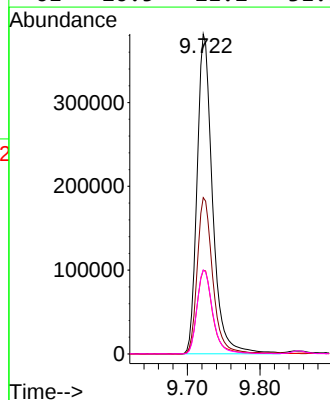
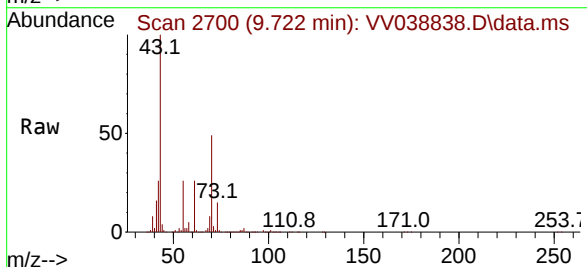
Instrument :
MSVOA_V
ClientSampleId :
ICVVV070225

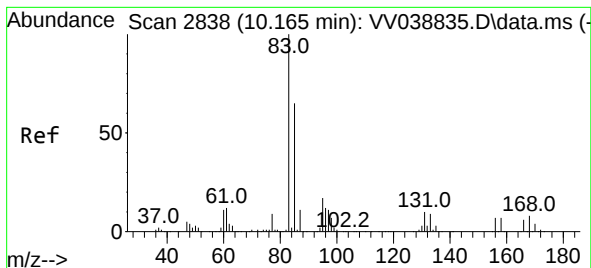
Tgt Ion:105 Resp: 1602469
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.3



#74
N-ethyl acetate
Concen: 54.131 ug/l
RT: 9.722 min Scan# 2700
Delta R.T. 0.000 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

Tgt Ion: 43 Resp: 565038
Ion Ratio Lower Upper
43 100
70 48.9 39.7 59.5
55 26.9 22.1 33.1
61 26.5 21.2 31.8

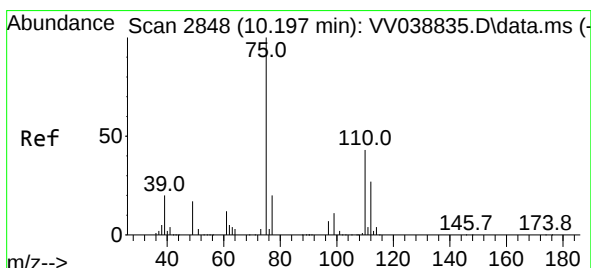
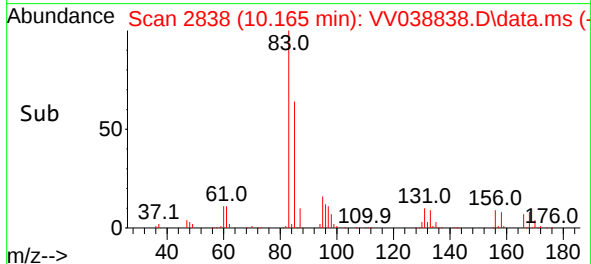
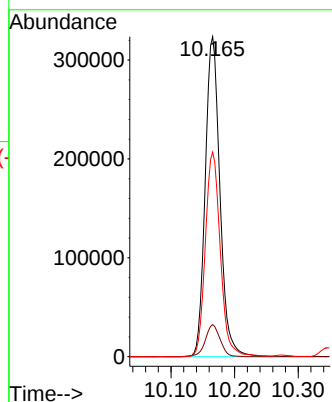
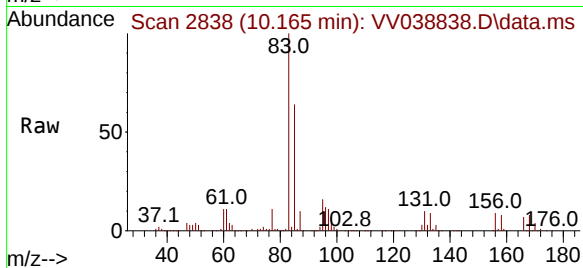




#75
1,1,2,2-Tetrachloroethane
Concen: 48.060 ug/l
RT: 10.165 min Scan# 2838
Delta R.T. 0.000 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

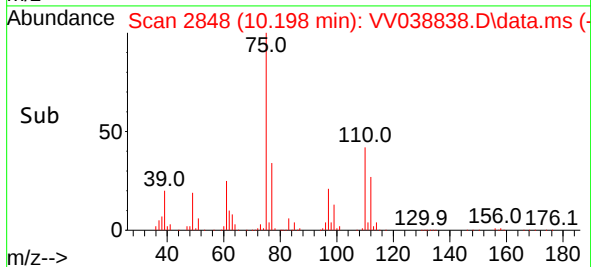
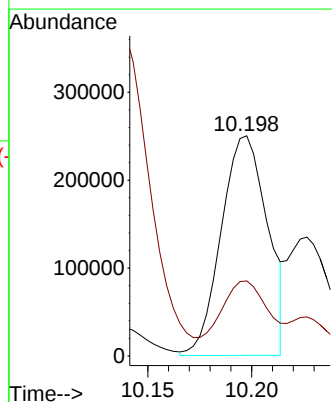
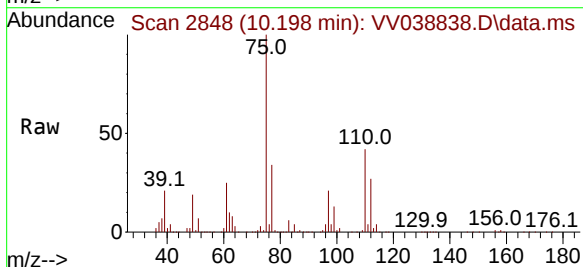
Instrument :
MSVOA_V
ClientSampleId :
ICVVV070225

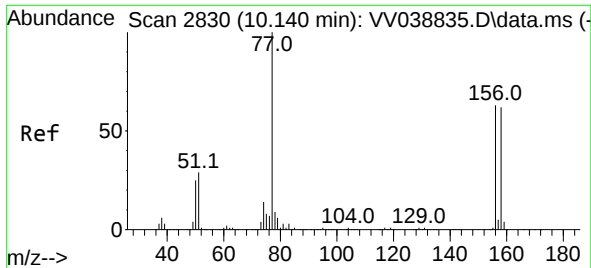
Tgt Ion: 83 Resp: 519582
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.3
85 65.2 31.6 95.0



#76
1,2,3-Trichloropropane
Concen: 49.365 ug/l
RT: 10.198 min Scan# 2848
Delta R.T. 0.000 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

Tgt Ion: 75 Resp: 388111
Ion Ratio Lower Upper
75 100
77 23.1 11.7 35.1

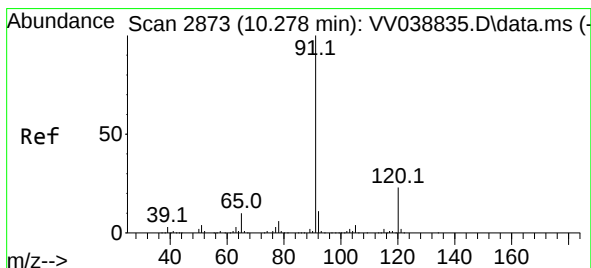
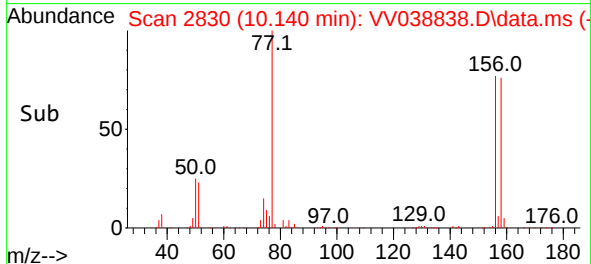
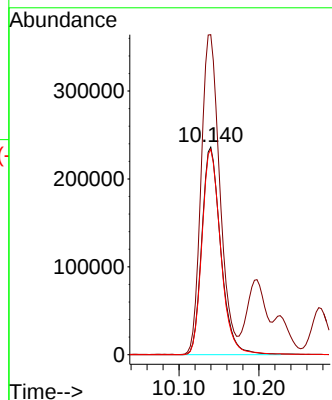
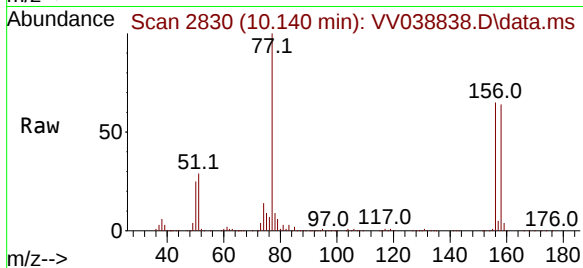




#77
Bromobenzene
Concen: 50.540 ug/l
RT: 10.140 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

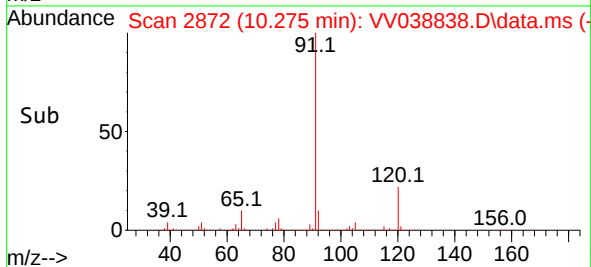
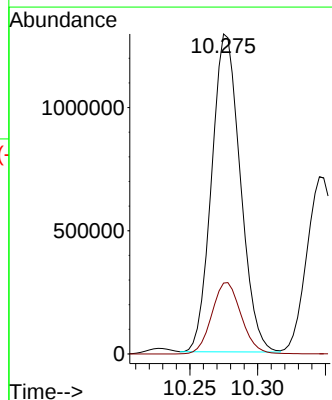
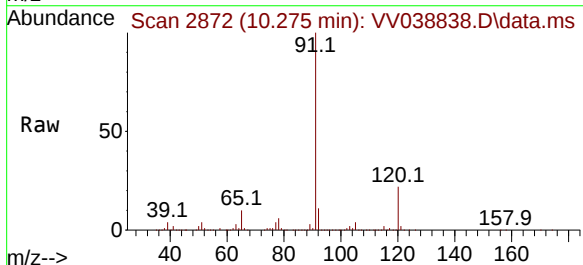
Instrument :
MSVOA_V
ClientSampleId :
ICVV070225

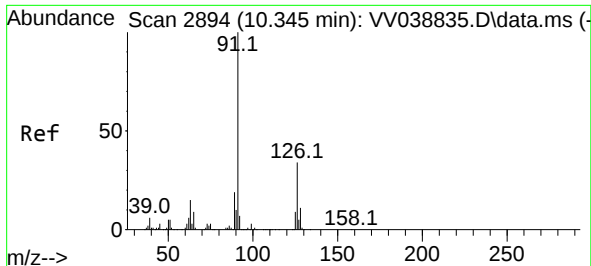
Tgt Ion:156 Resp: 388809
Ion Ratio Lower Upper
156 100
77 152.0 77.0 230.8
158 97.8 48.8 146.3



#78
n-propylbenzene
Concen: 53.509 ug/l
RT: 10.275 min Scan# 2872
Delta R.T. -0.003 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

Tgt Ion: 91 Resp: 1898995
Ion Ratio Lower Upper
91 100
120 23.1 11.7 35.0

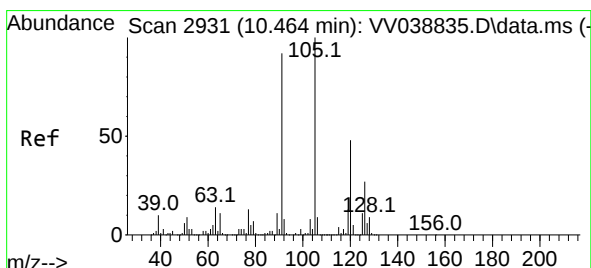
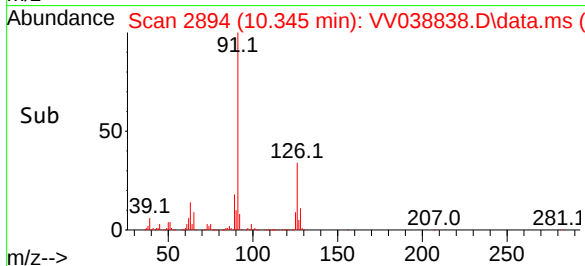
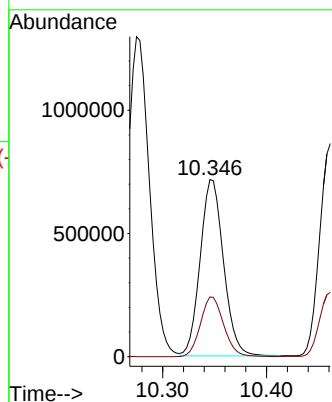
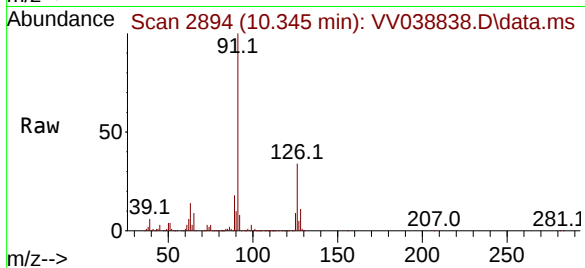




#79
2-Chlorotoluene
Concen: 51.743 ug/l
RT: 10.345 min Scan# 2894
Delta R.T. 0.000 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

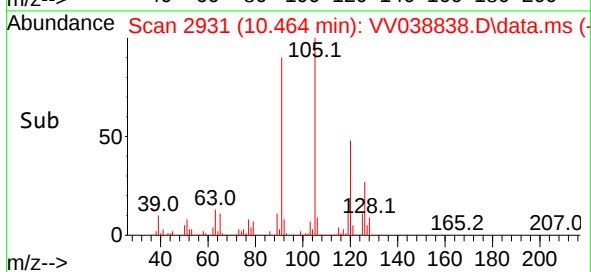
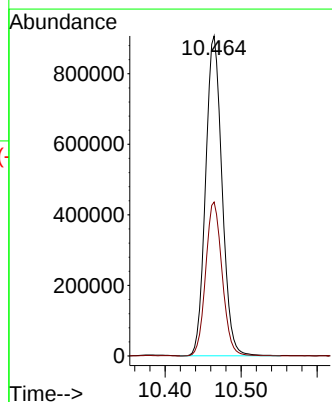
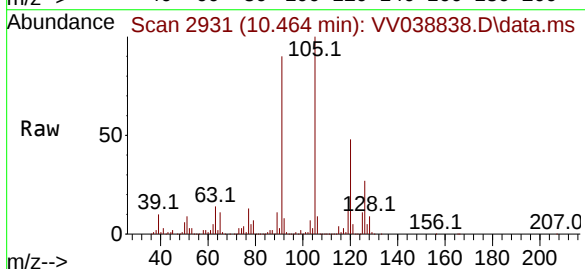
Instrument :
MSVOA_V
ClientSampleId :
ICVV070225

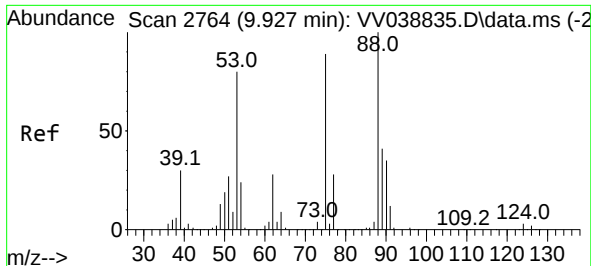
Tgt Ion: 91 Resp: 1115221
Ion Ratio Lower Upper
91 100
126 33.8 17.1 51.3



#80
1,3,5-Trimethylbenzene
Concen: 53.453 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.000 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

Tgt Ion:105 Resp: 1362957
Ion Ratio Lower Upper
105 100
120 48.2 23.9 71.7

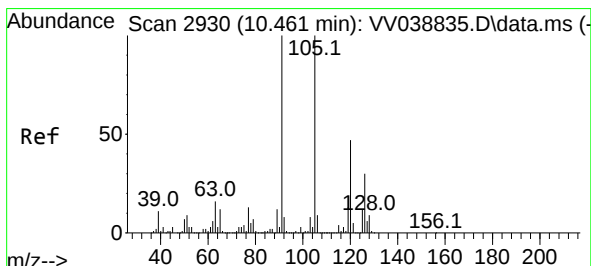
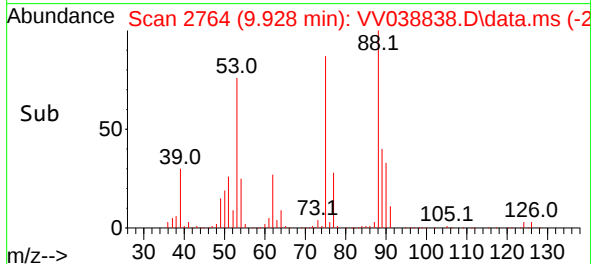
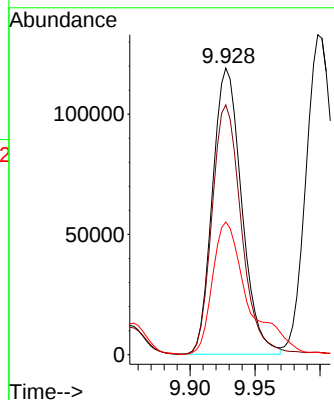
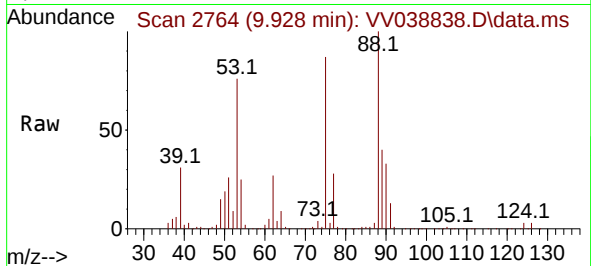




#81
trans-1,4-Dichloro-2-butene
Concen: 50.356 ug/l
RT: 9.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

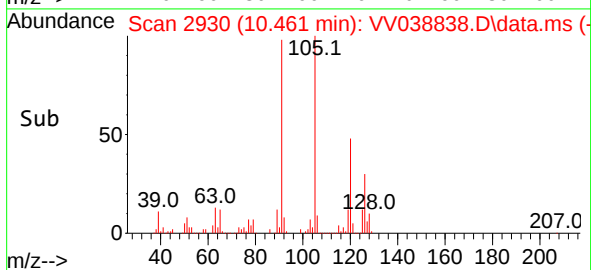
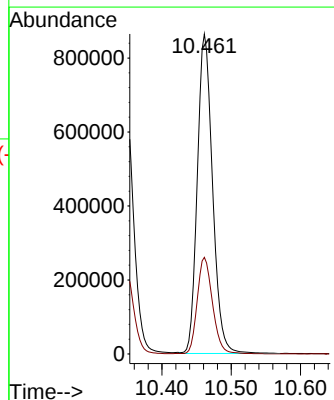
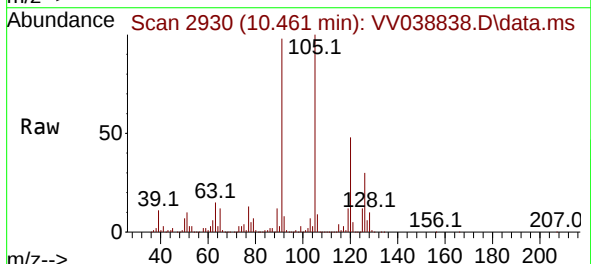
Instrument :
MSVOA_V
ClientSampleId :
ICVV070225

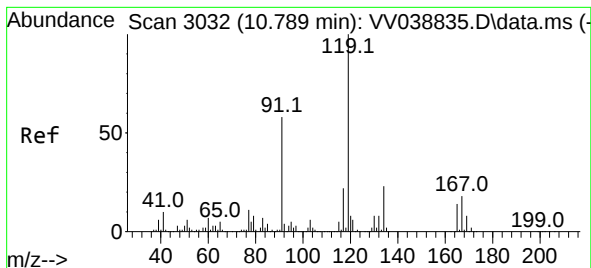
Tgt Ion: 75 Resp: 185988
Ion Ratio Lower Upper
75 100
53 87.5 71.2 106.8
89 57.1 44.6 66.8



#82
4-Chlorotoluene
Concen: 53.139 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. 0.000 min
Lab File: VV038838.D
Acq: 02 Jul 2025 13:14

Tgt Ion: 91 Resp: 1320330
Ion Ratio Lower Upper
91 100
126 30.4 14.8 44.3





#83

tert-Butylbenzene

Concen: 52.308 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV038838.D

Acq: 02 Jul 2025 13:14

Instrument :

MSVOA_V

ClientSampleId :

ICVVV070225

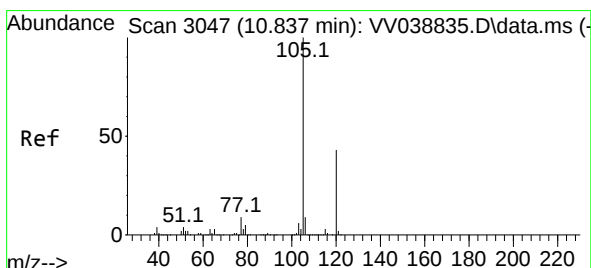
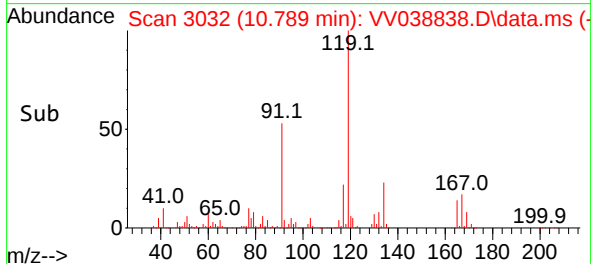
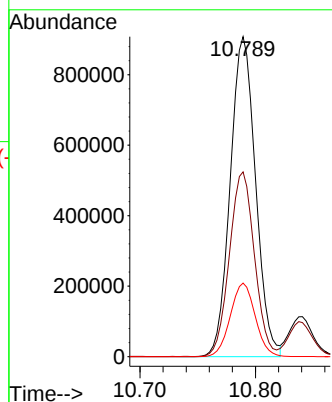
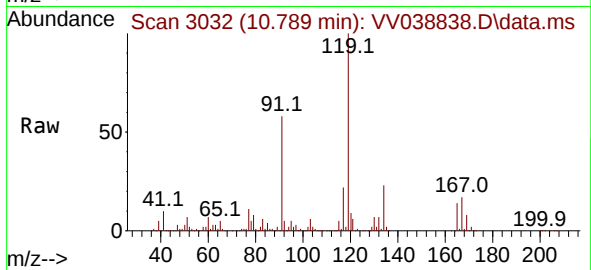
Tgt Ion:119 Resp: 1383327

Ion Ratio Lower Upper

119 100

91 57.0 28.5 85.5

134 22.7 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 54.140 ug/l

RT: 10.837 min Scan# 3047

Delta R.T. 0.000 min

Lab File: VV038838.D

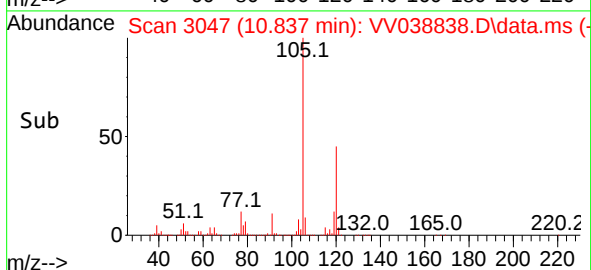
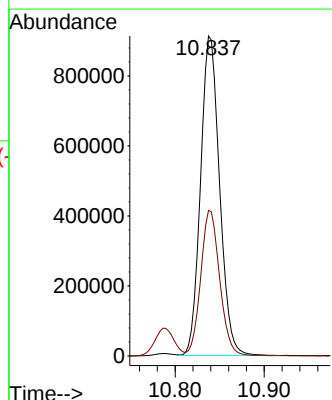
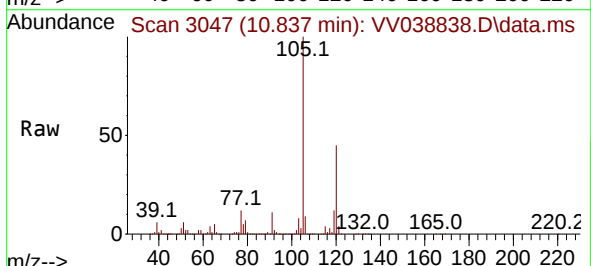
Acq: 02 Jul 2025 13:14

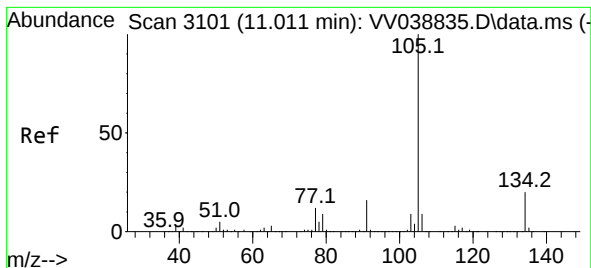
Tgt Ion:105 Resp: 1353024

Ion Ratio Lower Upper

105 100

120 45.5 22.7 68.0





#85

sec-Butylbenzene

Concen: 53.281 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. 0.000 min

Lab File: VV038838.D

Acq: 02 Jul 2025 13:14

Instrument :

MSVOA_V

ClientSampleId :

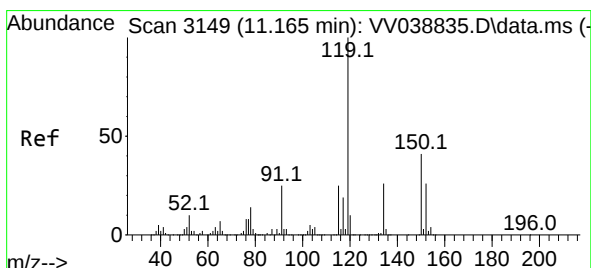
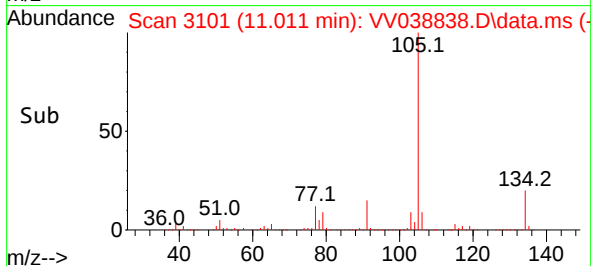
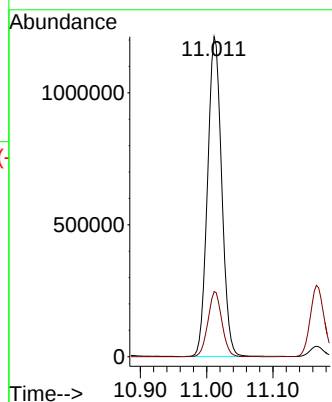
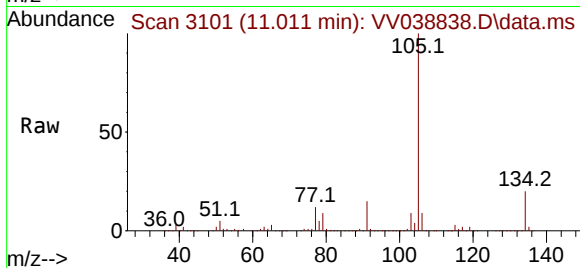
ICVVV070225

Tgt Ion:105 Resp: 1793880

Ion Ratio Lower Upper

105 100

134 20.2 10.0 30.0



#86

p-Isopropyltoluene

Concen: 52.814 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VV038838.D

Acq: 02 Jul 2025 13:14

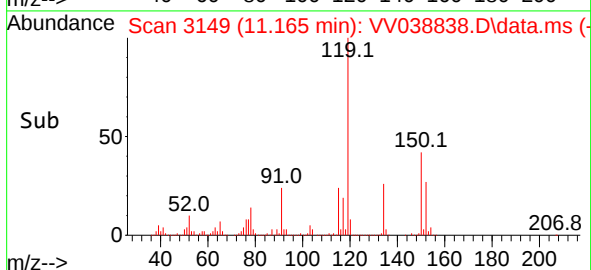
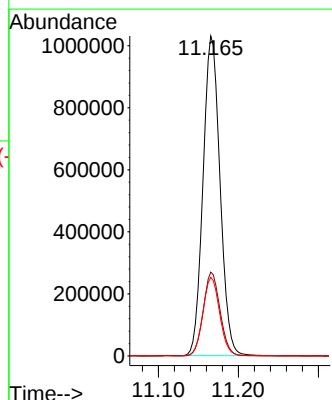
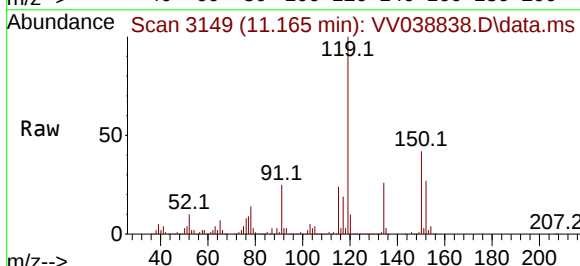
Tgt Ion:119 Resp: 1524528

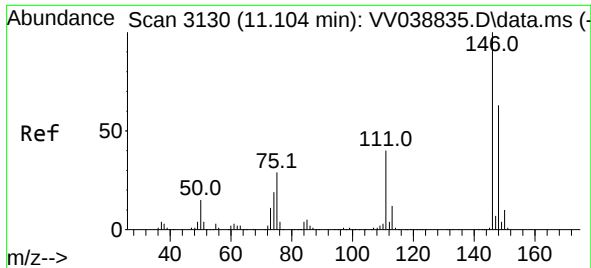
Ion Ratio Lower Upper

119 100

134 25.8 13.0 39.0

91 24.2 12.4 37.0

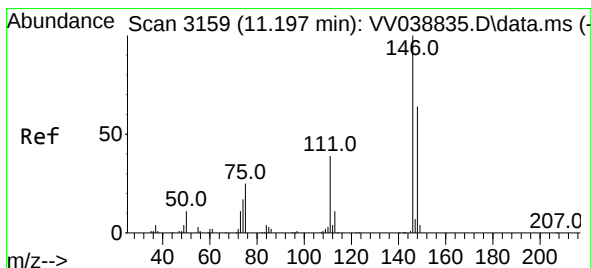
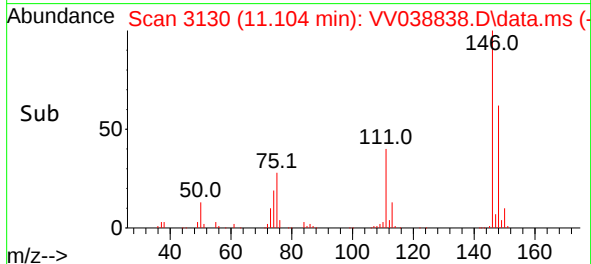
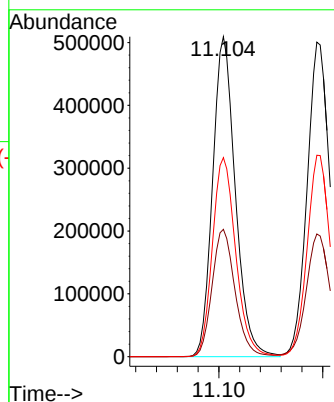
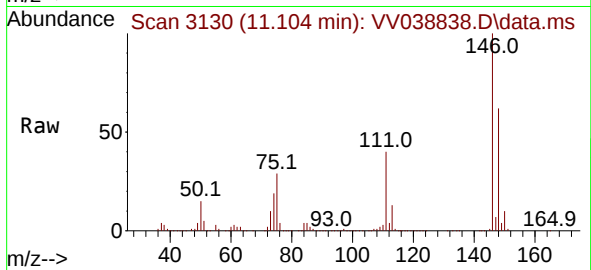




#87
 1,3-Dichlorobenzene
 Concen: 49.283 ug/l
 RT: 11.104 min Scan# 3130
 Delta R.T. 0.000 min
 Lab File: VV038838.D
 Acq: 02 Jul 2025 13:14

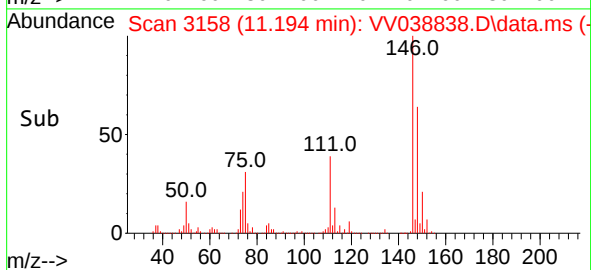
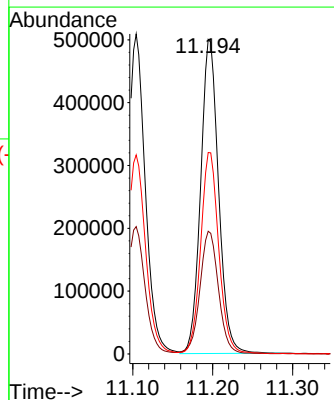
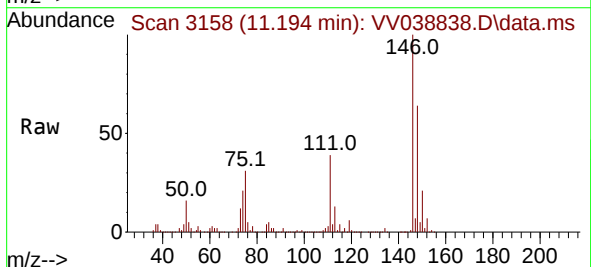
Instrument :
 MSVOA_V
 ClientSampleId :
 ICVV070225

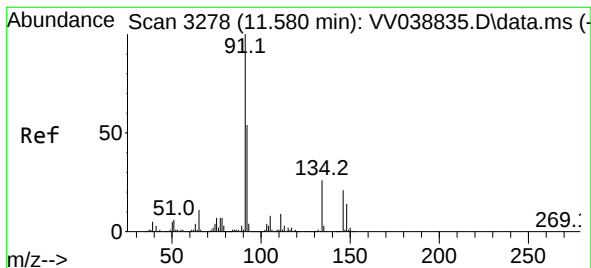
Tgt Ion:146 Resp: 770791
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.2 60.6
 148 64.1 31.3 93.8



#88
 1,4-Dichlorobenzene
 Concen: 47.369 ug/l
 RT: 11.194 min Scan# 3158
 Delta R.T. -0.003 min
 Lab File: VV038838.D
 Acq: 02 Jul 2025 13:14

Tgt Ion:146 Resp: 780632
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.8 59.3
 148 65.1 32.0 96.2





#89

n-Butylbenzene

Concen: 53.785 ug/l

RT: 11.580 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VV038838.D

Acq: 02 Jul 2025 13:14

Instrument :

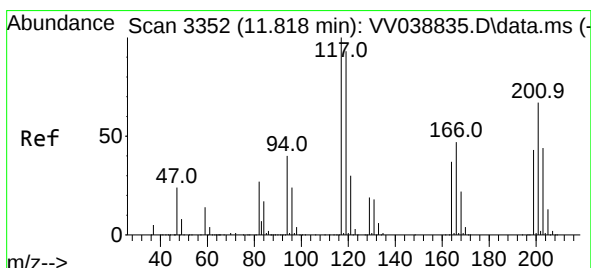
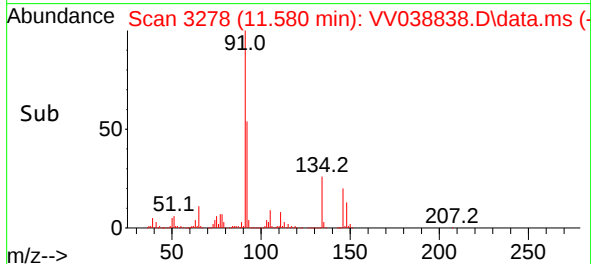
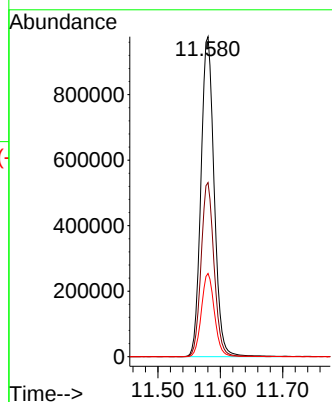
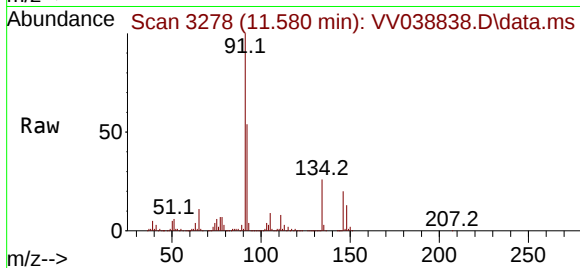
MSVOA_V

ClientSampleId :

ICVVV070225

Tgt Ion: 91 Resp: 1438892

Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.7	80.0
134	25.8	12.9	38.7



#90

Hexachloroethane

Concen: 46.824 ug/l

RT: 11.818 min Scan# 3352

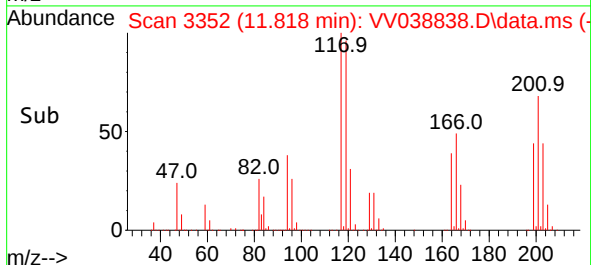
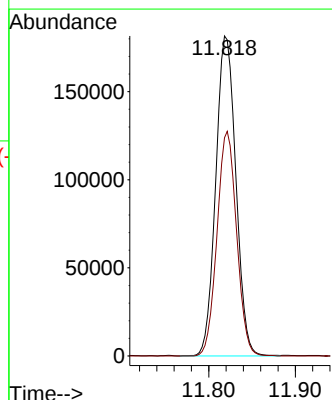
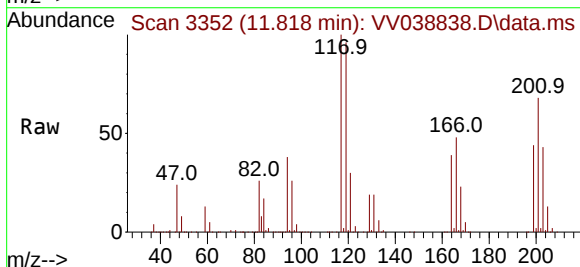
Delta R.T. 0.000 min

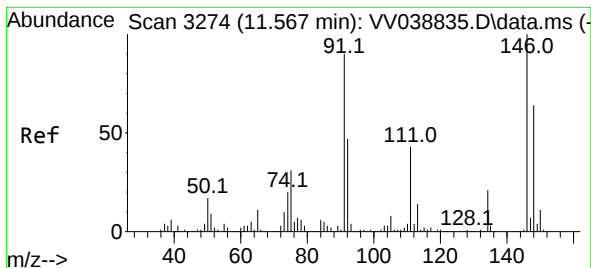
Lab File: VV038838.D

Acq: 02 Jul 2025 13:14

Tgt Ion: 117 Resp: 293392

Ion	Ratio	Lower	Upper
117	100		
201	68.3	34.4	103.1





#91

1,2-Dichlorobenzene

Concen: 49.961 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038838.D

Acq: 02 Jul 2025 13:14

Instrument :

MSVOA_V

ClientSampleId :

ICVV070225

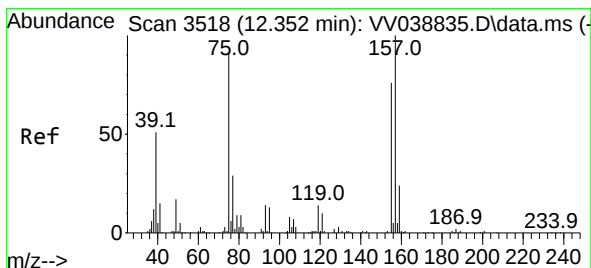
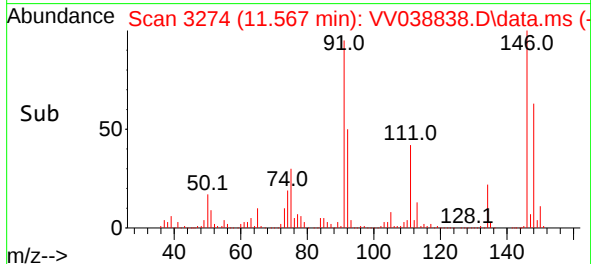
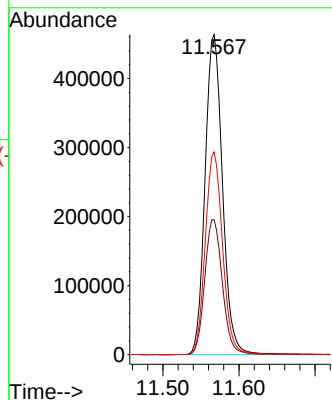
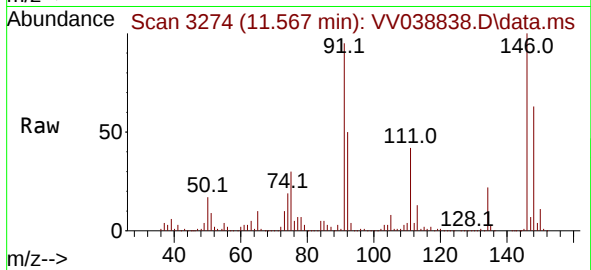
Tgt Ion:146 Resp: 736507

Ion Ratio Lower Upper

146 100

111 42.7 21.3 63.7

148 63.3 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.847 ug/l

RT: 12.352 min Scan# 3518

Delta R.T. 0.000 min

Lab File: VV038838.D

Acq: 02 Jul 2025 13:14

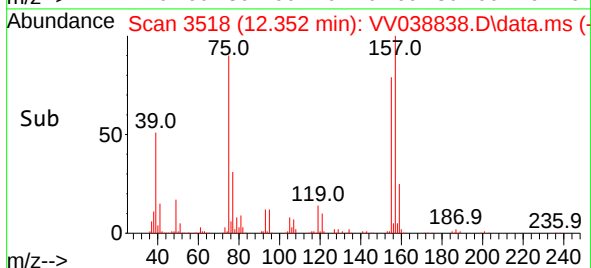
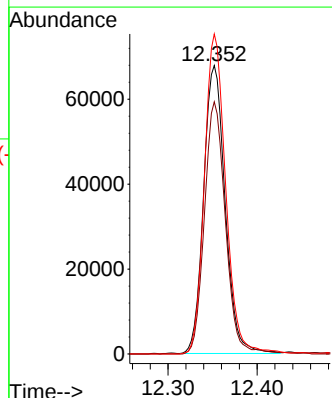
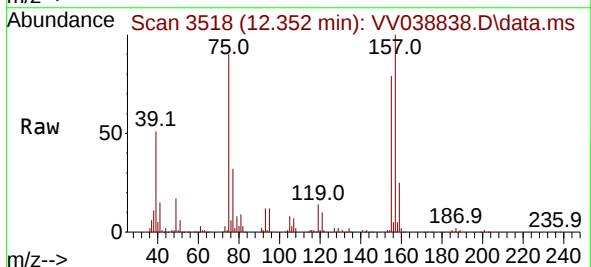
Tgt Ion: 75 Resp: 114096

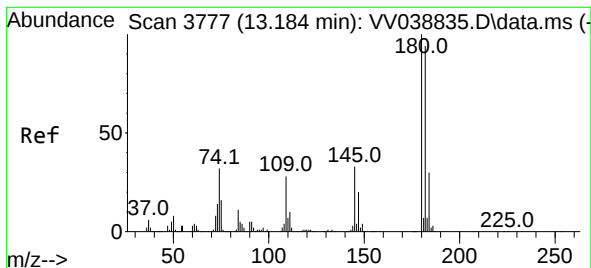
Ion Ratio Lower Upper

75 100

155 85.4 43.2 129.6

157 109.8 54.9 164.5





#93

1,2,4-Trichlorobenzene

Concen: 52.278 ug/l

RT: 13.185 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038838.D

Acq: 02 Jul 2025 13:14

Instrument :

MSVOA_V

ClientSampleId :

ICVVV070225

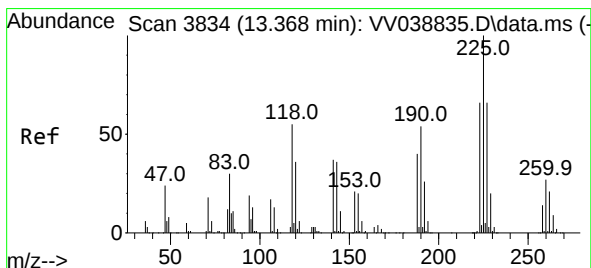
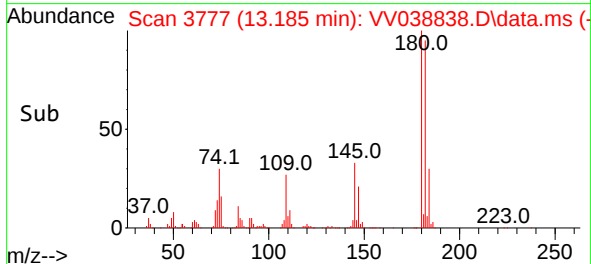
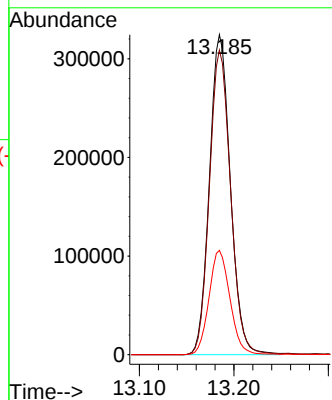
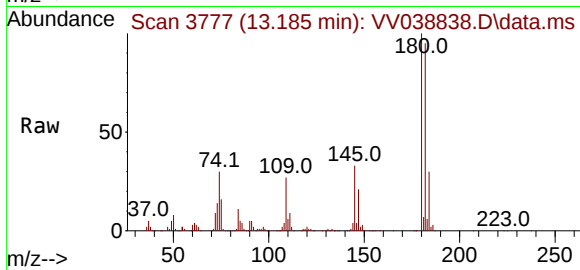
Tgt Ion:180 Resp: 499538

Ion Ratio Lower Upper

180 100

182 96.0 47.6 142.8

145 32.7 16.4 49.1



#94

Hexachlorobutadiene

Concen: 47.982 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. 0.000 min

Lab File: VV038838.D

Acq: 02 Jul 2025 13:14

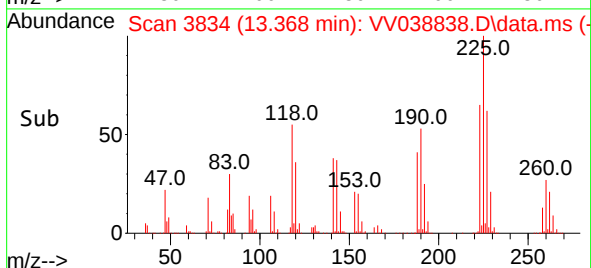
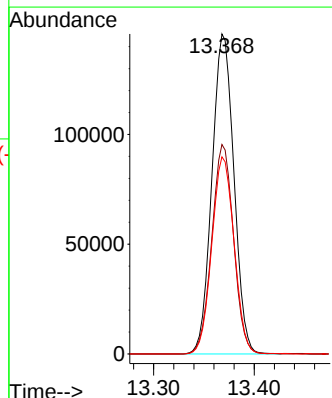
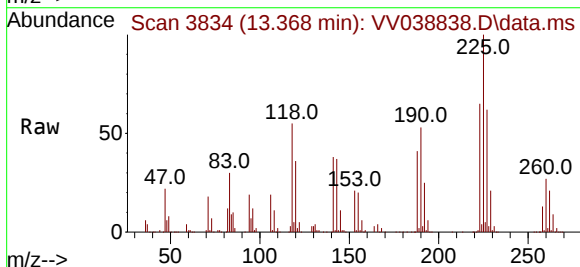
Tgt Ion:225 Resp: 221255

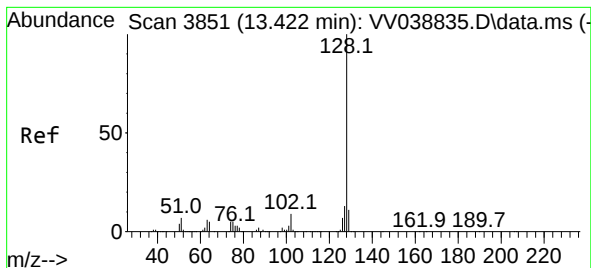
Ion Ratio Lower Upper

225 100

223 64.9 33.2 99.6

227 62.4 32.3 96.8





#95

Naphthalene

Concen: 54.607 ug/l

RT: 13.423 min Scan# 3851

Delta R.T. 0.000 min

Lab File: VV038838.D

Acq: 02 Jul 2025 13:14

Instrument :

MSVOA_V

ClientSampleId :

ICVVV070225

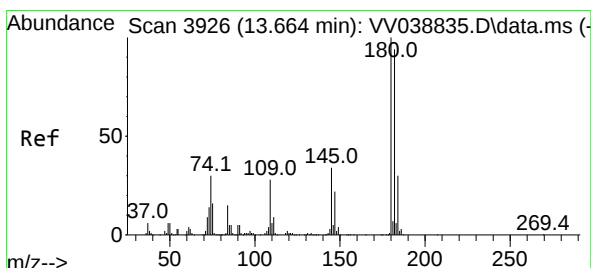
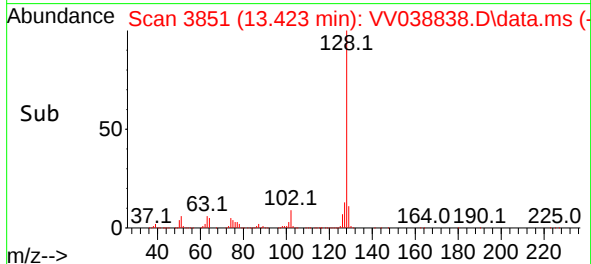
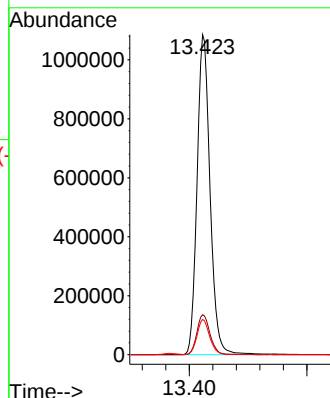
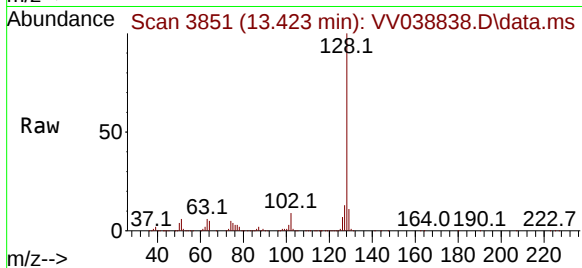
Tgt Ion:128 Resp: 1659966

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.661 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. 0.003 min

Lab File: VV038838.D

Acq: 02 Jul 2025 13:14

Tgt Ion:180 Resp: 509431

Ion Ratio Lower Upper

180 100

182 94.9 47.3 141.9

145 34.5 17.1 51.2

