

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV081325\
 Data File : VV038953.D
 Acq On : 13 Aug 2025 15:24
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 14 02:26:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V081325W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 14 02:22:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	549475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	882592	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	846951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	487801	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	375326	49.526	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	99.060%
35) Dibromofluoromethane	4.500	113	315885	50.805	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	101.620%
50) Toluene-d8	7.236	98	1120904	51.750	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	103.500%
62) 4-Bromofluorobenzene	10.002	95	434126	55.162	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	110.320%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.118	85	347907	46.950	ug/l	100
3) Chloromethane	1.230	50	345078	44.286	ug/l	100
4) Vinyl Chloride	1.294	62	390507	45.259	ug/l	100
5) Bromomethane	1.487	94	272708	47.046	ug/l	100
6) Chloroethane	1.555	64	240092	45.665	ug/l	100
7) Trichlorofluoromethane	1.722	101	488829	43.184	ug/l	100
8) Diethyl Ether	1.918	74	148102	41.722	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.079	101	306426	49.545	ug/l	100
10) Methyl Iodide	2.195	142	430776	51.404	ug/l	100
11) Tert butyl alcohol	2.574	59	371312	248.176	ug/l	100
12) 1,1-Dichloroethene	2.079	96	293308	47.835	ug/l	100
13) Acrolein	2.008	56	155693	258.139	ug/l	100
14) Allyl chloride	2.356	41	529846	49.919	ug/l	100
15) Acrylonitrile	2.674	53	981993	233.901	ug/l	100
16) Acetone	2.118	43	715226	230.560	ug/l	100
17) Carbon Disulfide	2.249	76	944963	49.332	ug/l	100
18) Methyl Acetate	2.378	43	406132	50.438	ug/l	100
19) Methyl tert-butyl Ether	2.712	73	1052134	47.311	ug/l	100
20) Methylene Chloride	2.455	84	355442	50.083	ug/l	100
21) trans-1,2-Dichloroethene	2.700	96	337694	44.926	ug/l	100
22) Diisopropyl ether	3.217	45	1004760	49.748	ug/l	100
23) Vinyl Acetate	3.188	43	4242133	250.070	ug/l	100
24) 1,1-Dichloroethane	3.118	63	470149	37.198	ug/l	100
25) 2-Butanone	3.867	43	1197409	258.452	ug/l	100
26) 2,2-Dichloropropane	3.812	77	535175	48.270	ug/l	100
27) cis-1,2-Dichloroethene	3.818	96	375761	48.463	ug/l	100
28) Bromochloromethane	4.146	49	153628	44.463	ug/l	100
29) Tetrahydrofuran	4.240	42	782131	262.085	ug/l	100
30) Chloroform	4.278	83	633124	46.875	ug/l	100
31) Cyclohexane	4.580	56	529472	47.748	ug/l	100
32) 1,1,1-Trichloroethane	4.513	97	575760	47.287	ug/l	100
36) 1,1-Dichloropropene	4.744	75	418581	51.189	ug/l	100
37) Ethyl Acetate	3.979	43	478558	49.718	ug/l	100
38) Carbon Tetrachloride	4.735	117	485809	50.393	ug/l	100
39) Methylcyclohexane	6.047	83	567792	52.843	ug/l	100
40) Benzene	5.008	78	1318630	49.197	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.162	41	215677	58.572	ug/l	100
42) 1,2-Dichloroethane	5.040	62	446236	48.345	ug/l	100
43) Isopropyl Acetate	5.195	43	711539	54.560	ug/l	100
44) Trichloroethene	5.831	130	332414	47.913	ug/l	100
45) 1,2-Dichloropropane	6.088	63	322121	51.560	ug/l	100
46) Dibromomethane	6.224	93	242945	48.525	ug/l	100
47) Bromodichloromethane	6.426	83	497725	49.457	ug/l	100
48) Methyl methacrylate	6.297	41	336875	56.070	ug/l	100
49) 1,4-Dioxane	6.288	88	128668	1082.149	ug/l	100
51) 4-Methyl-2-Pentanone	7.150	43	2417368	272.592	ug/l	100
52) Toluene	7.310	92	842932	51.556	ug/l	100
53) t-1,3-Dichloropropene	7.574	75	497883	51.892	ug/l	100
54) cis-1,3-Dichloropropene	6.947	75	537671	51.039	ug/l	100
55) 1,1,2-Trichloroethane	7.760	97	337676	49.434	ug/l	100
56) Ethyl methacrylate	7.715	69	499387	56.386	ug/l	100
57) 1,3-Dichloropropane	7.934	76	549136	50.574	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.812	63	1362141	239.879	ug/l	100
59) 2-Hexanone	8.066	43	1846577	282.378	ug/l	100
60) Dibromochloromethane	8.169	129	398924	48.340	ug/l	100
61) 1,2-Dibromoethane	8.275	107	363686	49.470	ug/l	100
64) Tetrachloroethene	7.899	164	300382	46.876	ug/l	100
65) Chlorobenzene	8.805	112	932118	46.879	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.899	131	337306	48.810	ug/l	100
67) Ethyl Benzene	8.937	91	1602999	53.373	ug/l	100
68) m/p-Xylenes	9.063	106	1271917	108.150	ug/l	100
69) o-Xylene	9.468	106	591035	54.712	ug/l	100
70) Styrene	9.487	104	1053750	56.033	ug/l	100
71) Bromoform	9.654	173	281048	50.048	ug/l #	100
73) Isopropylbenzene	9.857	105	1646216	52.705	ug/l	100
74) N-amyl acetate	9.725	43	651414	54.000	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.165	83	553099	45.634	ug/l	100
76) 1,2,3-Trichloropropane	10.198	75	415222	45.160	ug/l	100
77) Bromobenzene	10.140	156	390342	48.309	ug/l	100
78) n-propylbenzene	10.278	91	1972691	52.778	ug/l	100
79) 2-Chlorotoluene	10.349	91	1138901	49.848	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	1411356	53.554	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.931	75	200975	53.582	ug/l	100
82) 4-Chlorotoluene	10.461	91	1368178	51.985	ug/l	100
83) tert-Butylbenzene	10.789	119	1372219	51.930	ug/l	100
84) 1,2,4-Trimethylbenzene	10.841	105	1376576	54.310	ug/l	100
85) sec-Butylbenzene	11.014	105	1825896	52.957	ug/l	100
86) p-Isopropyltoluene	11.169	119	1553360	52.740	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	774295	46.745	ug/l	100
88) 1,4-Dichlorobenzene	11.198	146	790943	43.970	ug/l	100
89) n-Butylbenzene	11.580	91	1496825	53.764	ug/l	100
90) Hexachloroethane	11.821	117	307051	47.398	ug/l	100
91) 1,2-Dichlorobenzene	11.567	146	742079	47.810	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.352	75	124095	46.588	ug/l	100
93) 1,2,4-Trichlorobenzene	13.185	180	476435	49.739	ug/l	100
94) Hexachlorobutadiene	13.371	225	214652	45.098	ug/l	100
95) Naphthalene	13.426	128	1657670	55.050	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	480278	49.534	ug/l	100

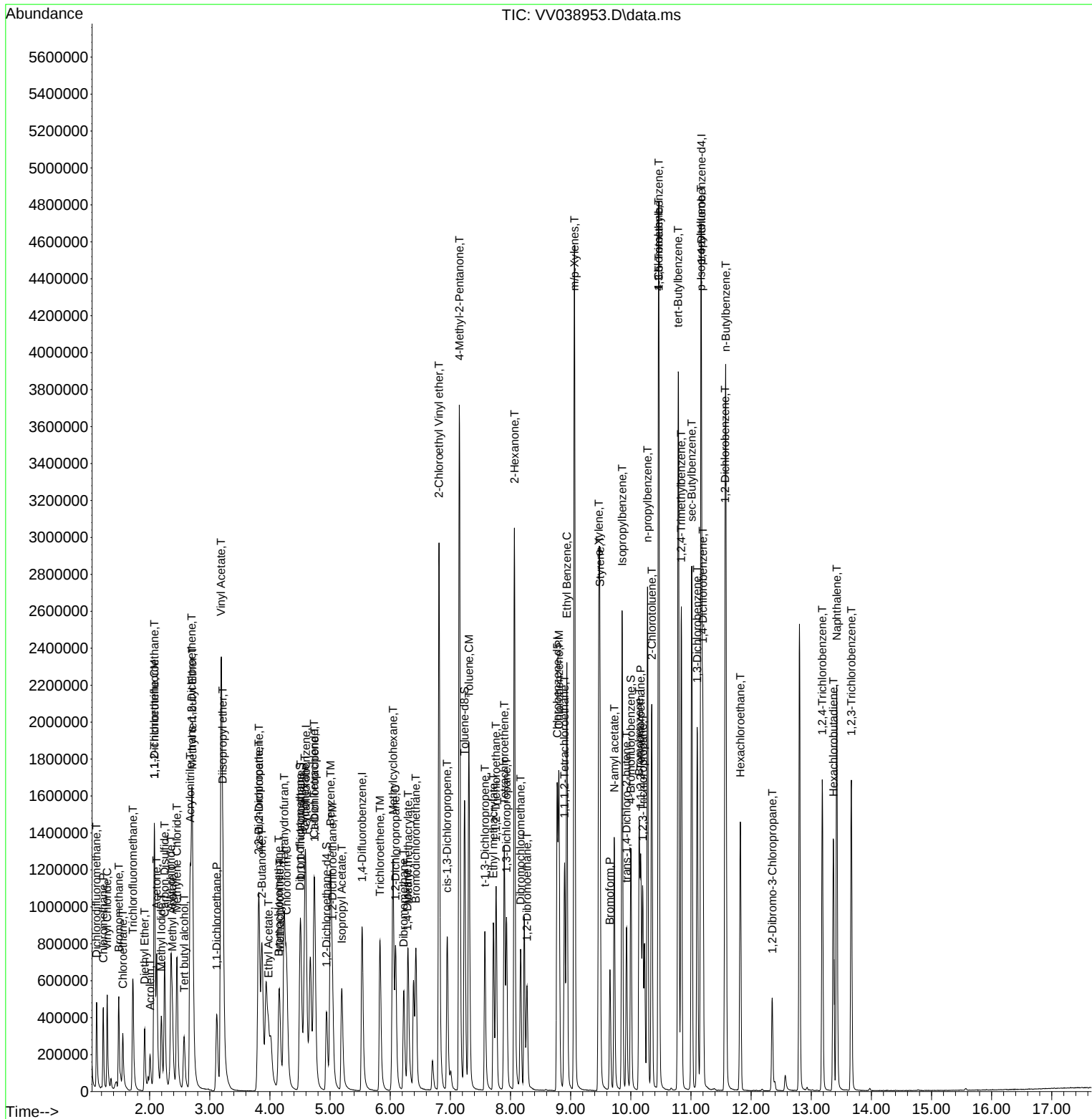
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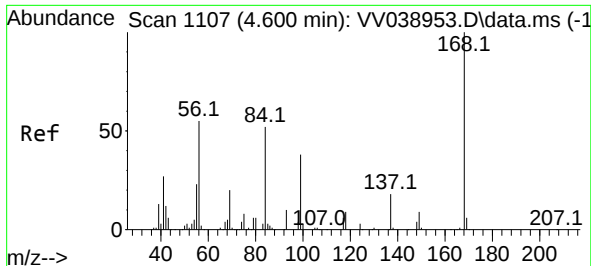
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

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Quant Title : SW846 8260
QLast Update : Thu Aug 14 02:22:00 2025
Response via : Initial Calibration

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

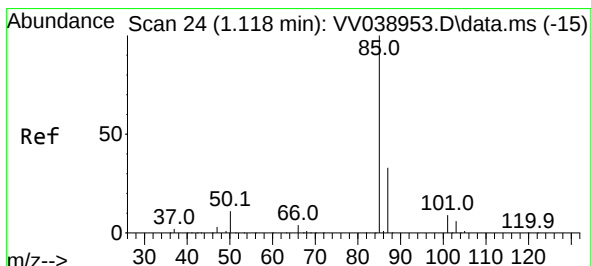
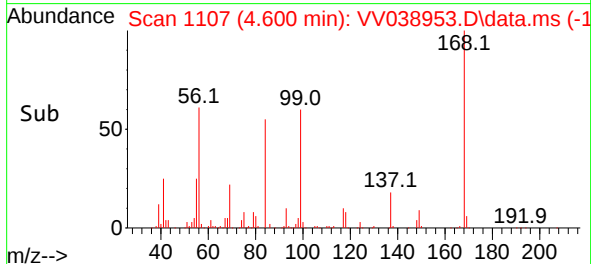
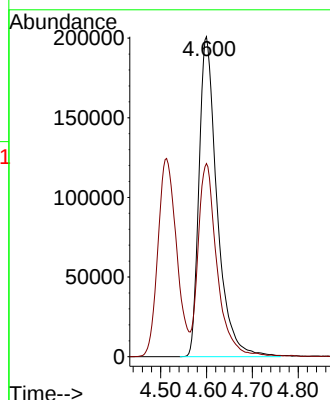
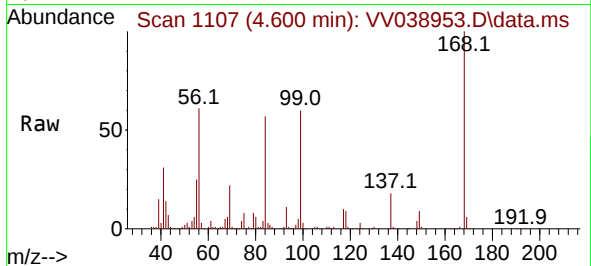




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

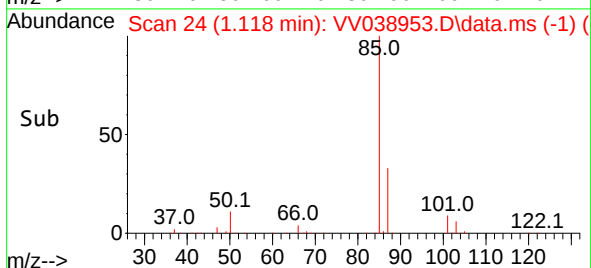
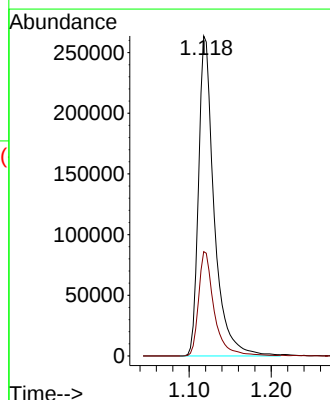
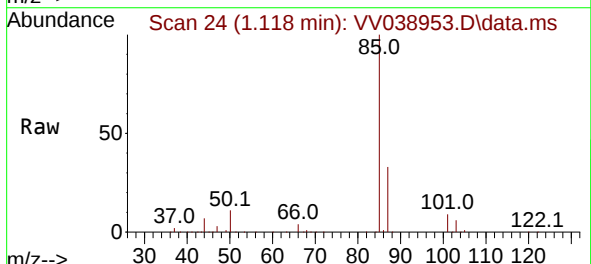
Instrument :
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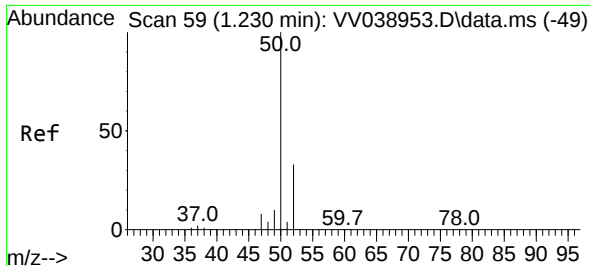
Tgt Ion:168 Resp: 549475
Ion Ratio Lower Upper
168 100
99 60.0 48.0 72.0



#2
Dichlorodifluoromethane
Concen: 46.950 ug/l
RT: 1.118 min Scan# 24
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

Tgt Ion: 85 Resp: 347907
Ion Ratio Lower Upper
85 100
87 32.6 16.3 48.9

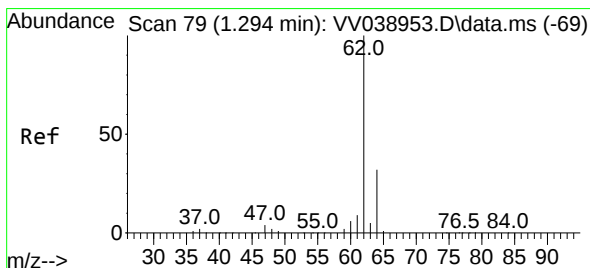
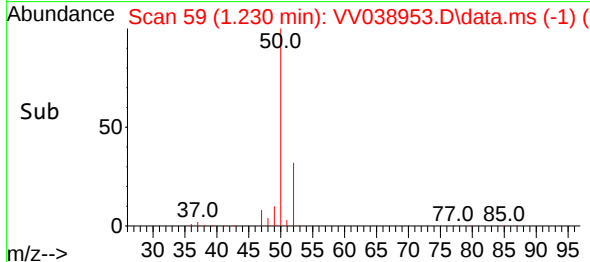
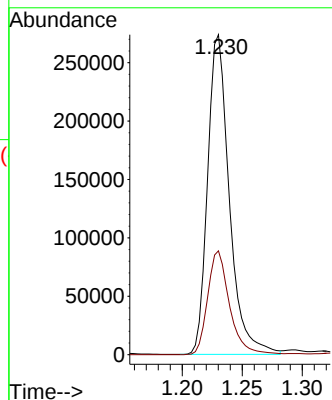
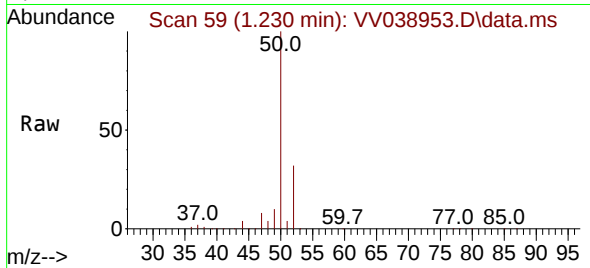




#3
Chloromethane
Concen: 44.286 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

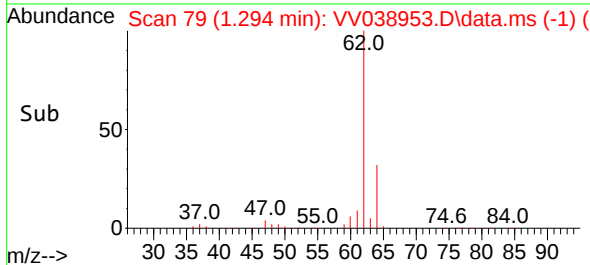
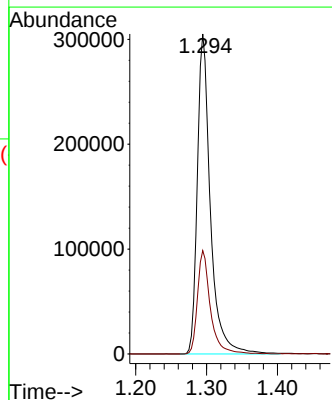
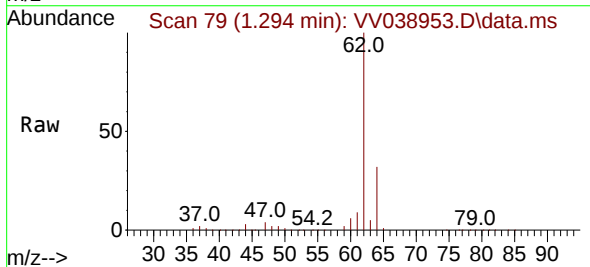
Instrument :
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ClientSampleId :
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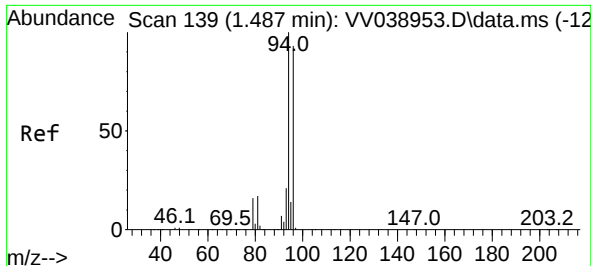
Tgt Ion: 50 Resp: 345078
Ion Ratio Lower Upper
50 100
52 32.5 26.0 39.0



#4
Vinyl Chloride
Concen: 45.259 ug/l
RT: 1.294 min Scan# 79
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

Tgt Ion: 62 Resp: 390507
Ion Ratio Lower Upper
62 100
64 32.3 25.8 38.8

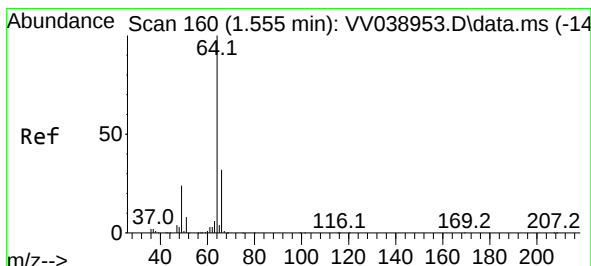
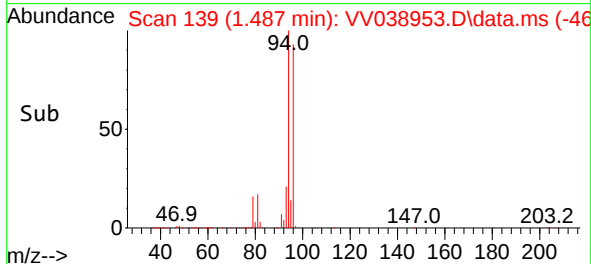
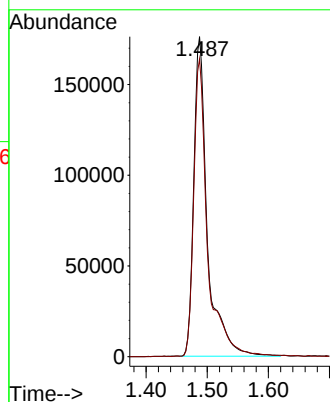
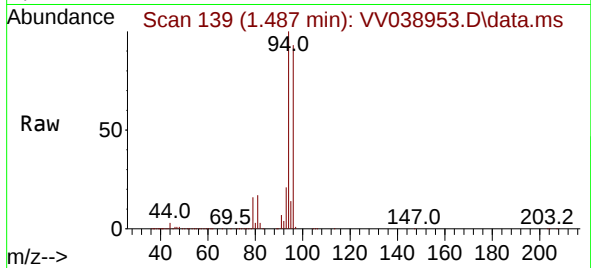




#5
Bromomethane
Concen: 47.046 ug/l
RT: 1.487 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

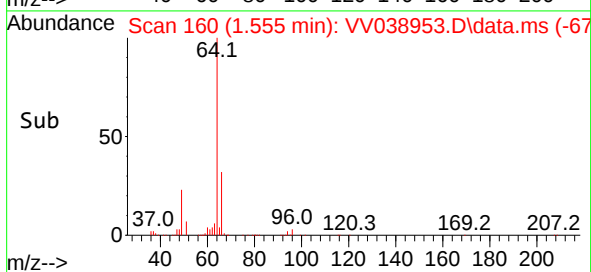
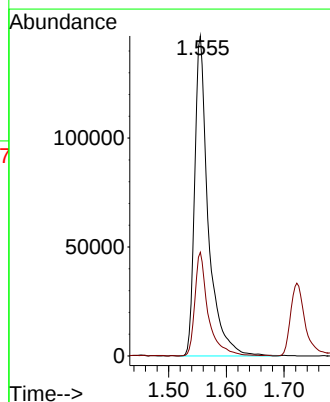
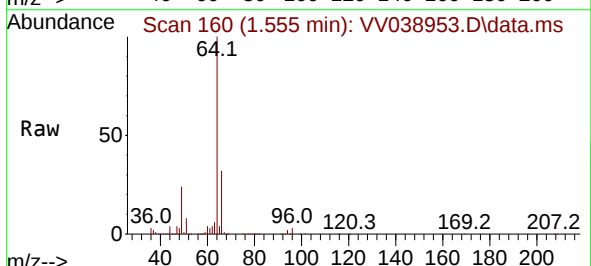
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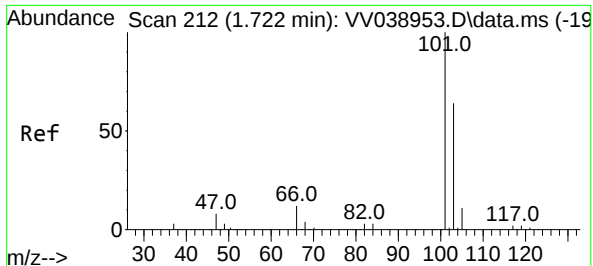
Tgt Ion: 94 Resp: 272708
Ion Ratio Lower Upper
94 100
96 93.0 74.4 111.6



#6
Chloroethane
Concen: 45.665 ug/l
RT: 1.555 min Scan# 160
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

Tgt Ion: 64 Resp: 240092
Ion Ratio Lower Upper
64 100
66 32.3 25.8 38.8

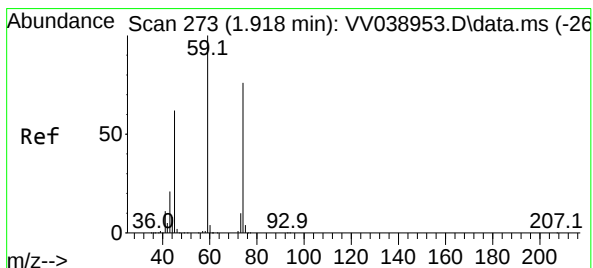
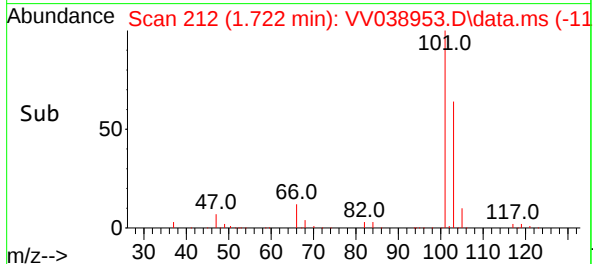
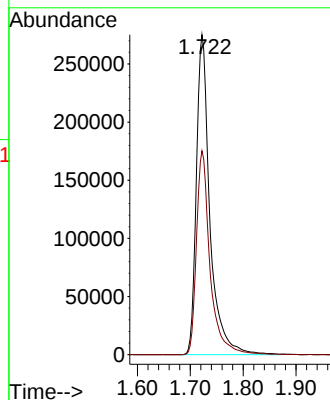
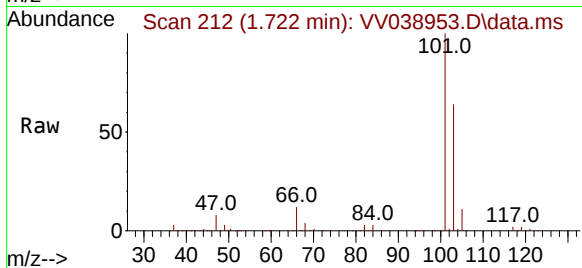




#7
 Trichlorofluoromethane
 Concen: 43.184 ug/l
 RT: 1.722 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VV038953.D
 Acq: 13 Aug 2025 15:24

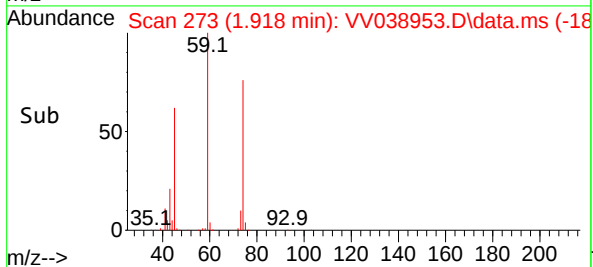
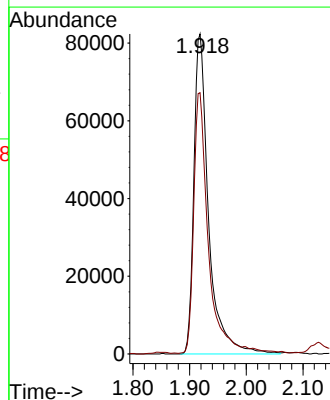
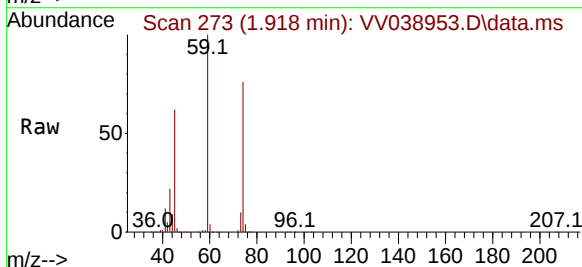
Instrument :
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 ClientSampleId :
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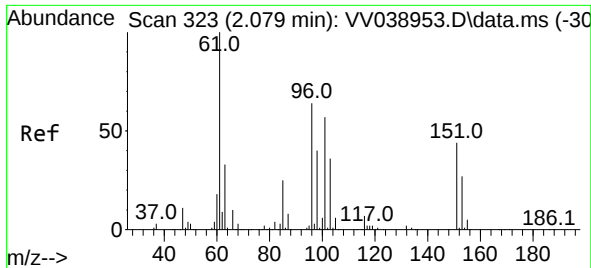
Tgt Ion:101 Resp: 488829
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.0 76.4



#8
 Diethyl Ether
 Concen: 41.722 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.000 min
 Lab File: VV038953.D
 Acq: 13 Aug 2025 15:24

Tgt Ion: 74 Resp: 148102
 Ion Ratio Lower Upper
 74 100
 45 78.9 39.5 118.3

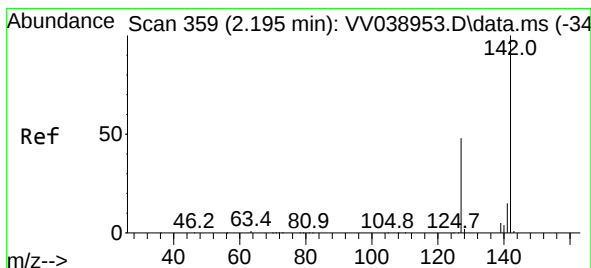
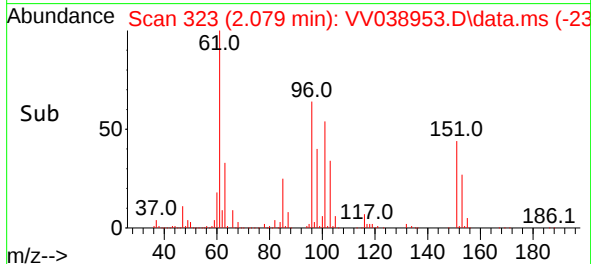
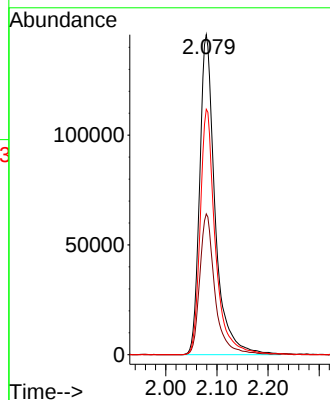
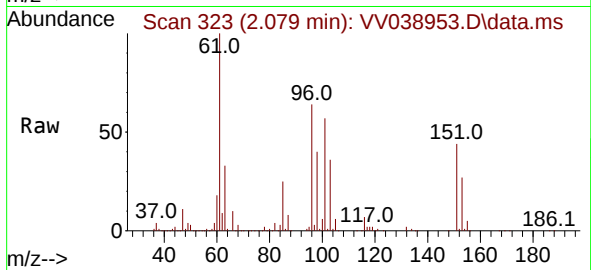




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.545 ug/l
RT: 2.079 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

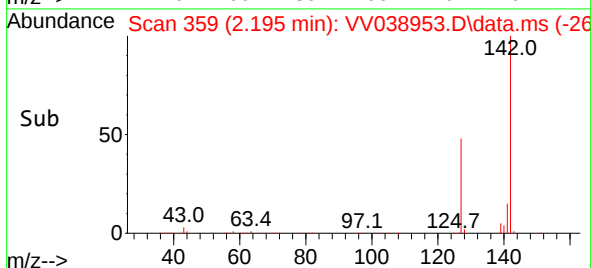
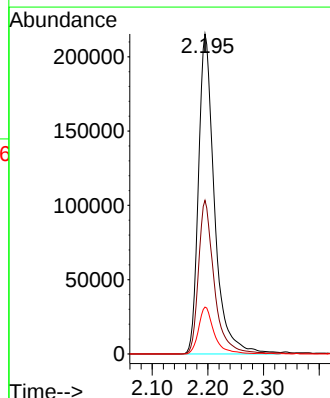
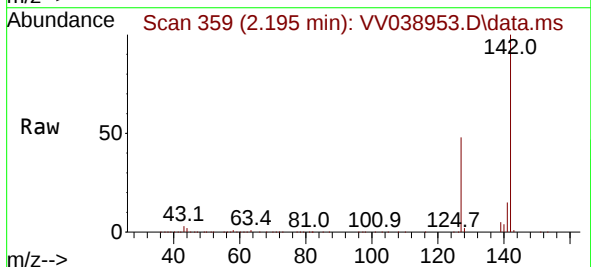
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

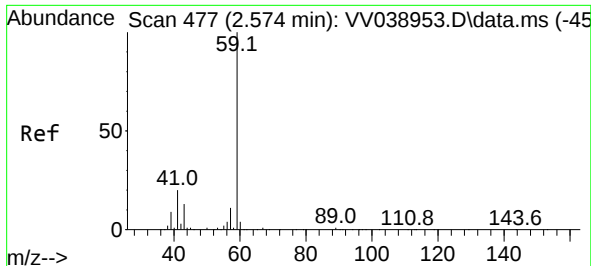
Tgt Ion:101 Resp: 306426
Ion Ratio Lower Upper
101 100
85 43.4 34.7 52.1
151 75.5 60.4 90.6



#10
Methyl Iodide
Concen: 51.404 ug/l
RT: 2.195 min Scan# 359
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

Tgt Ion:142 Resp: 430776
Ion Ratio Lower Upper
142 100
127 47.1 37.7 56.5
141 14.3 11.4 17.2

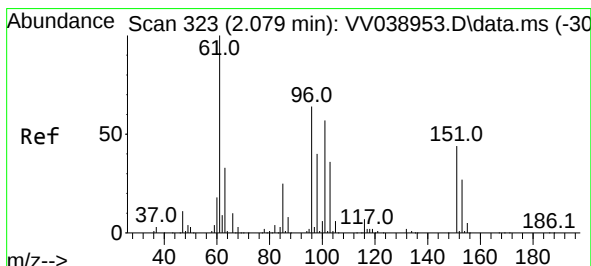
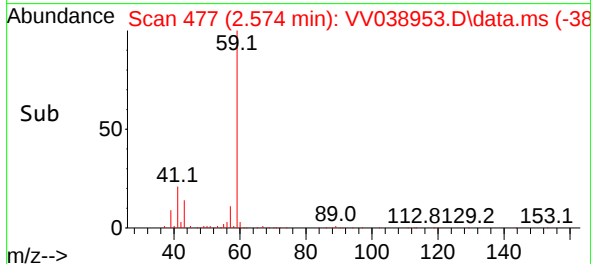
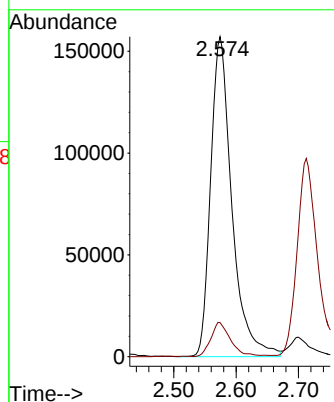
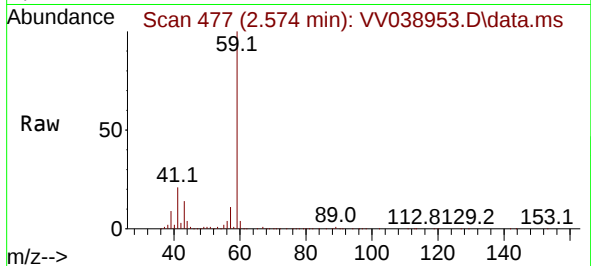




#11
Tert butyl alcohol
Concen: 248.176 ug/l
RT: 2.574 min Scan# 411
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

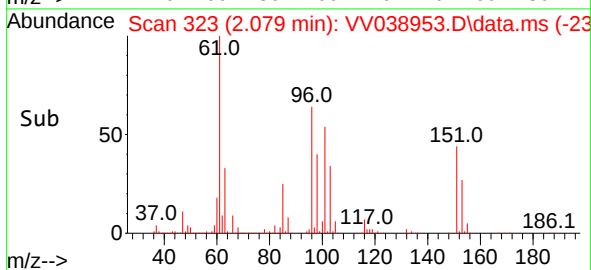
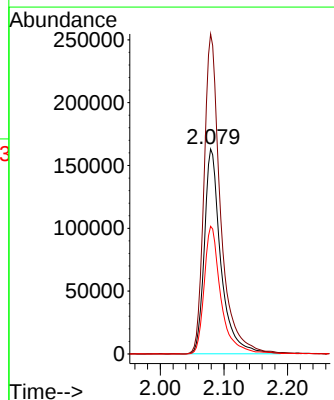
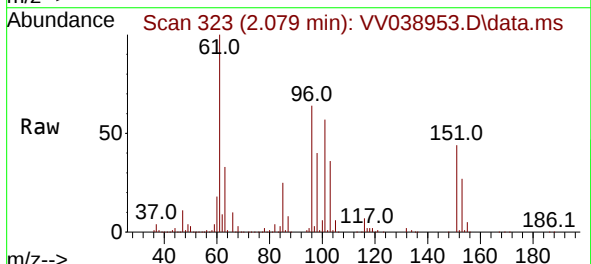
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

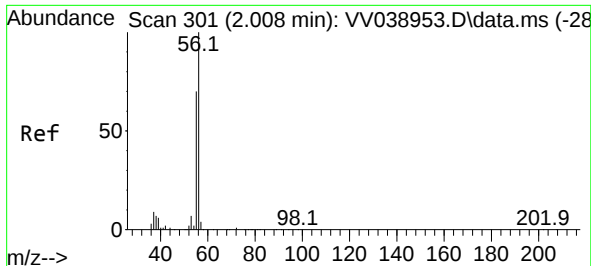
Tgt Ion: 59 Resp: 371312
Ion Ratio Lower Upper
59 100
57 9.8 7.8 11.8



#12
1,1-Dichloroethene
Concen: 47.835 ug/l
RT: 2.079 min Scan# 323
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

Tgt Ion: 96 Resp: 293308
Ion Ratio Lower Upper
96 100
61 156.2 125.0 187.4
98 62.3 49.8 74.8

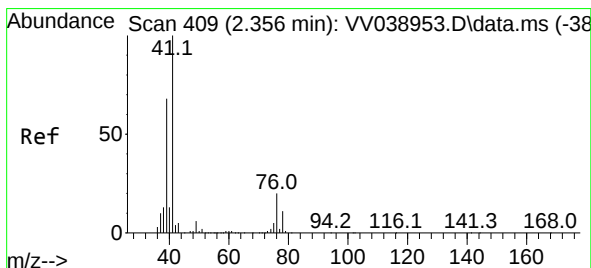
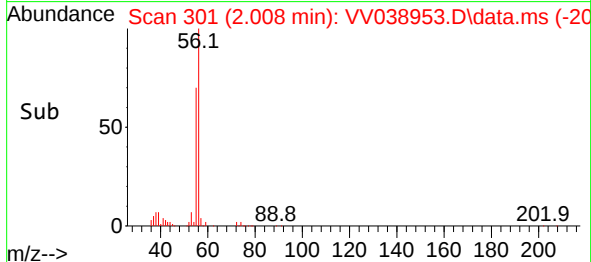
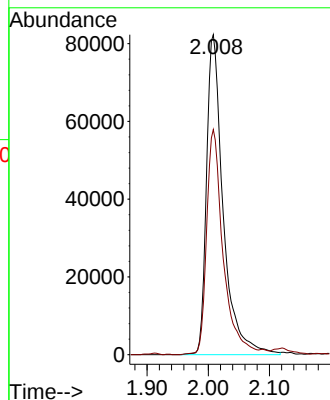
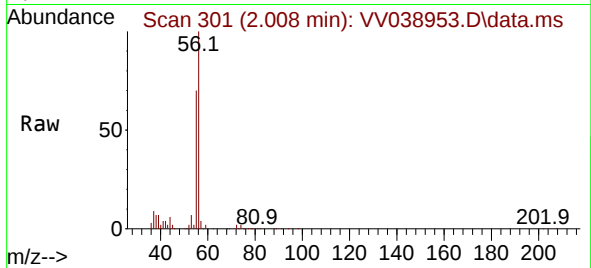




#13
Acrolein
Concen: 258.139 ug/l
RT: 2.008 min Scan# 301
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

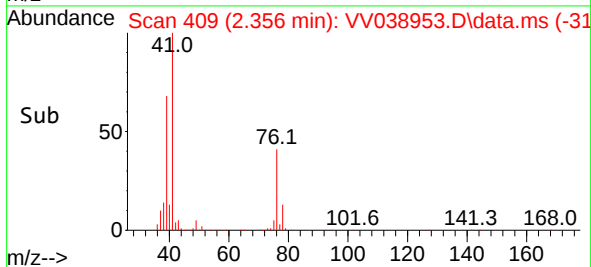
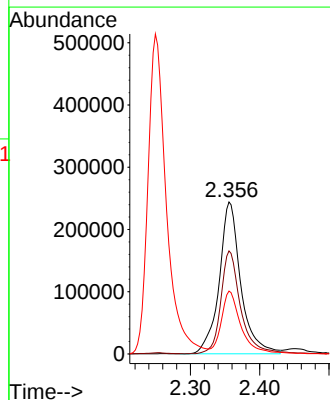
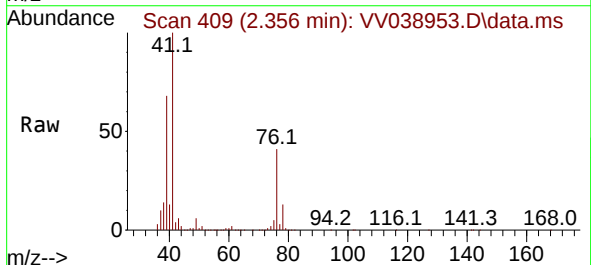
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

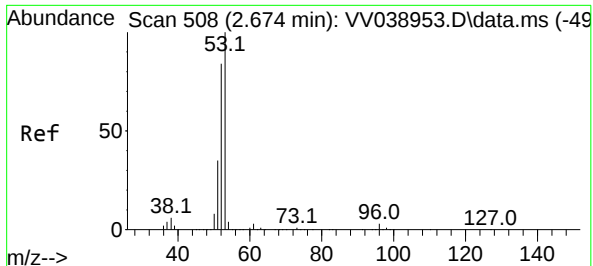
Tgt Ion: 56 Resp: 155693
Ion Ratio Lower Upper
56 100
55 69.4 55.5 83.3



#14
Allyl chloride
Concen: 49.919 ug/l
RT: 2.356 min Scan# 409
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

Tgt Ion: 41 Resp: 529846
Ion Ratio Lower Upper
41 100
39 62.2 49.8 74.6
76 36.8 29.4 44.2

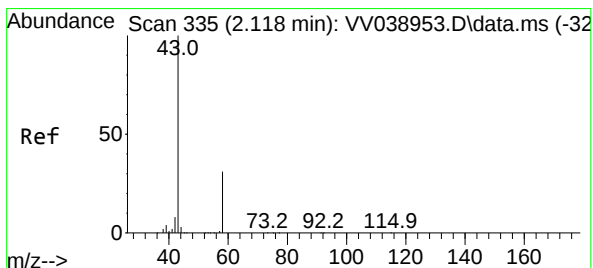
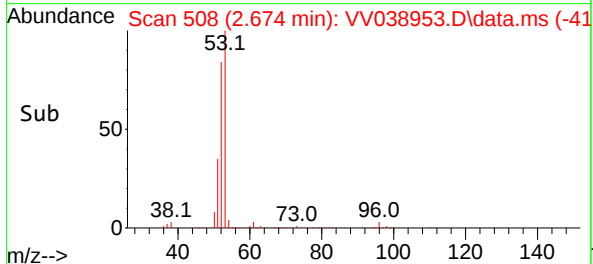
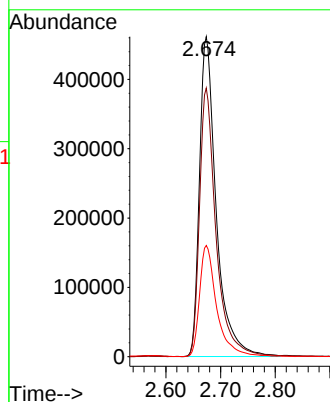
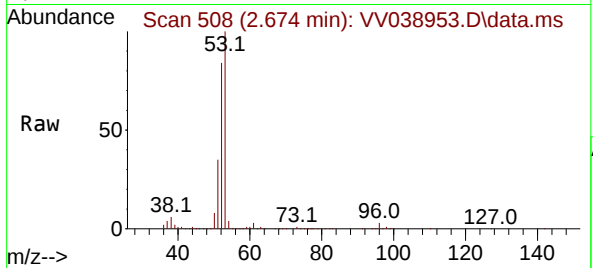




#15
Acrylonitrile
Concen: 233.901 ug/l
RT: 2.674 min Scan# 508
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

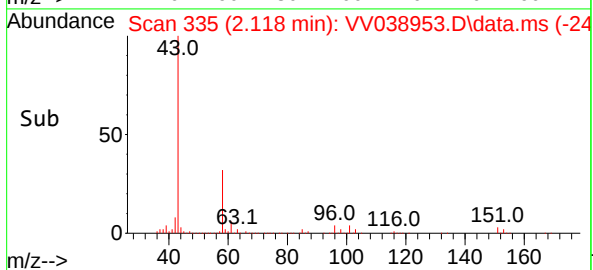
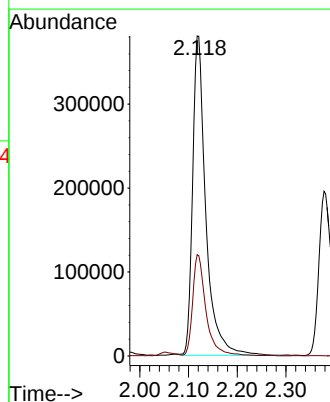
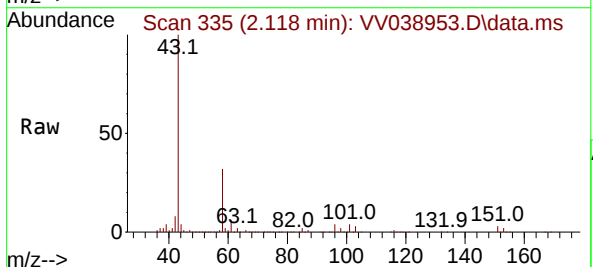
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

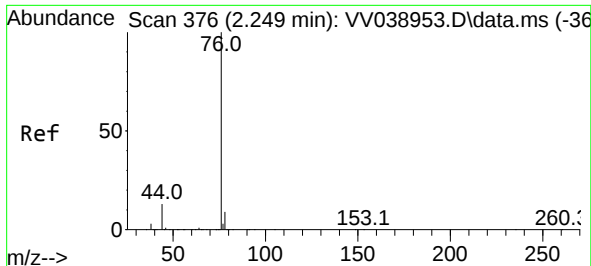
Tgt Ion: 53 Resp: 981993
Ion Ratio Lower Upper
53 100
52 83.2 66.6 99.8
51 35.6 28.5 42.7



#16
Acetone
Concen: 230.560 ug/l
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

Tgt Ion: 43 Resp: 715226
Ion Ratio Lower Upper
43 100
58 31.6 25.3 37.9

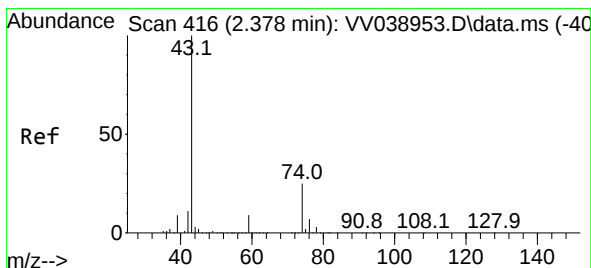
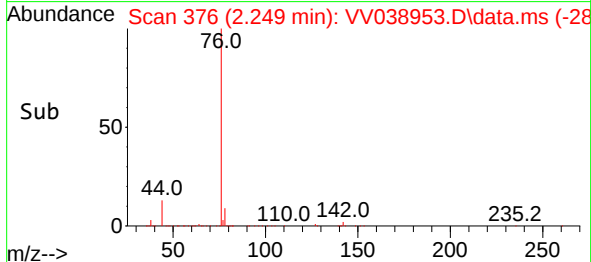
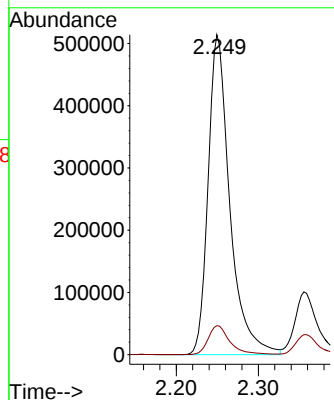
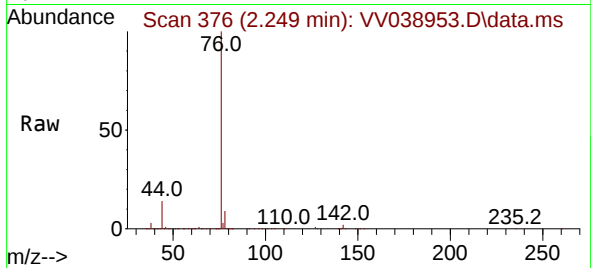




#17
Carbon Disulfide
Concen: 49.332 ug/l
RT: 2.249 min Scan# 376
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

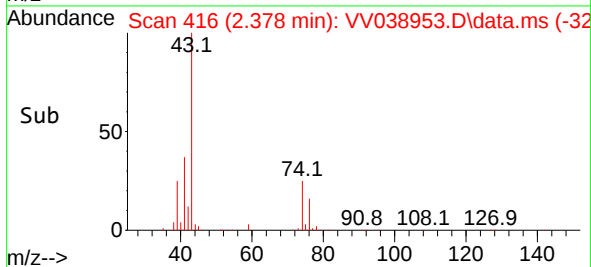
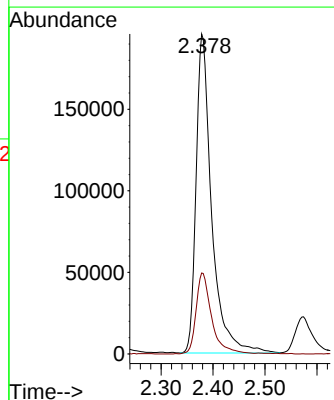
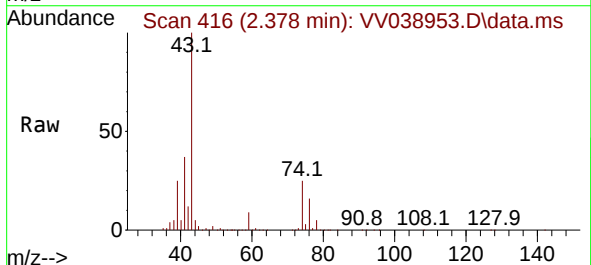
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

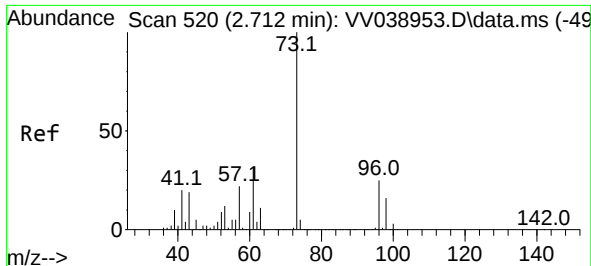
Tgt Ion: 76 Resp: 944963
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 50.438 ug/l
RT: 2.378 min Scan# 416
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

Tgt Ion: 43 Resp: 406132
Ion Ratio Lower Upper
43 100
74 25.4 20.3 30.5

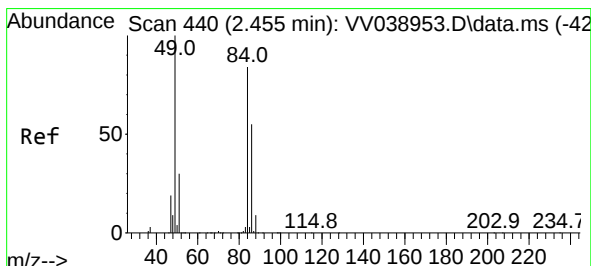
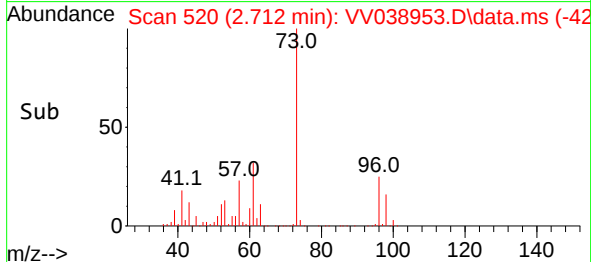
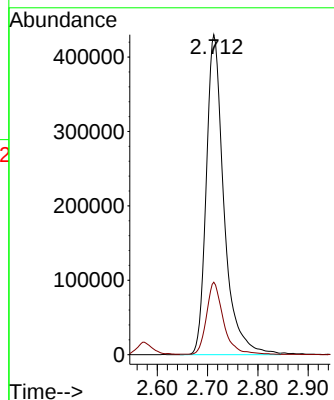
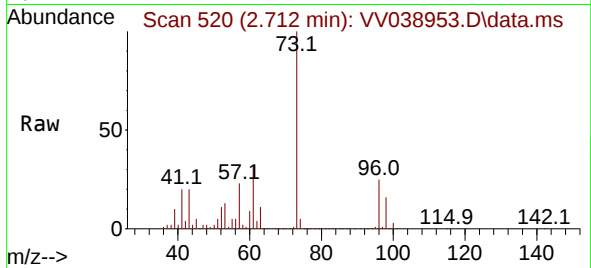




#19
Methyl tert-butyl Ether
Concen: 47.311 ug/l
RT: 2.712 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

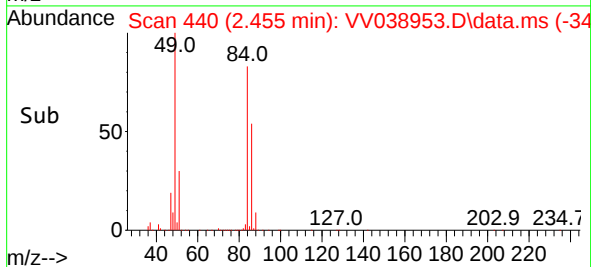
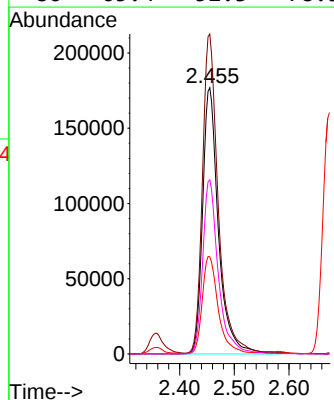
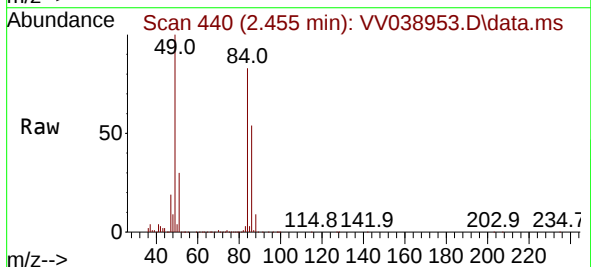
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

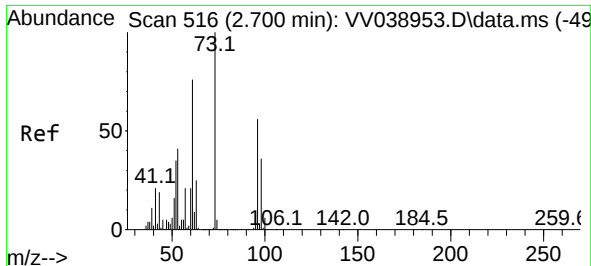
Tgt Ion: 73 Resp: 1052134
Ion Ratio Lower Upper
73 100
57 22.5 18.0 27.0



#20
Methylene Chloride
Concen: 50.083 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

Tgt Ion: 84 Resp: 355442
Ion Ratio Lower Upper
84 100
49 119.7 95.8 143.6
51 36.2 29.0 43.4
86 65.4 52.3 78.5

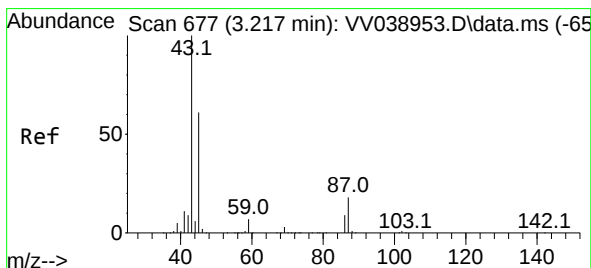
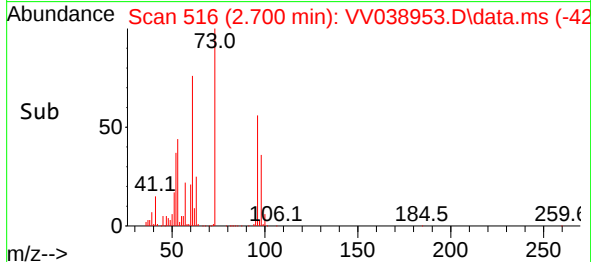
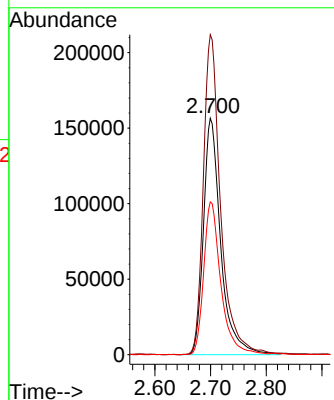
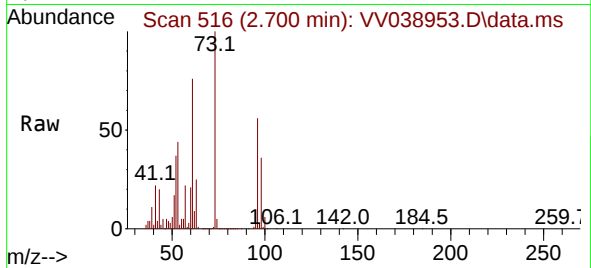




#21
trans-1,2-Dichloroethene
Concen: 44.926 ug/l
RT: 2.700 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

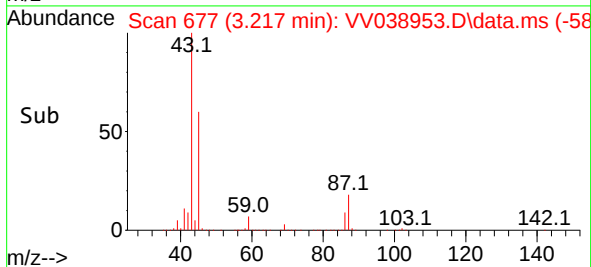
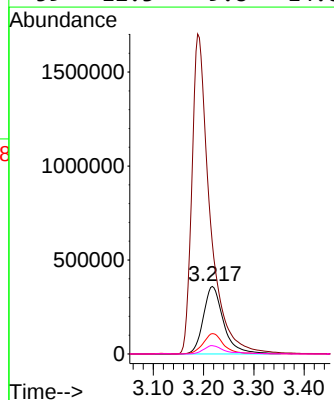
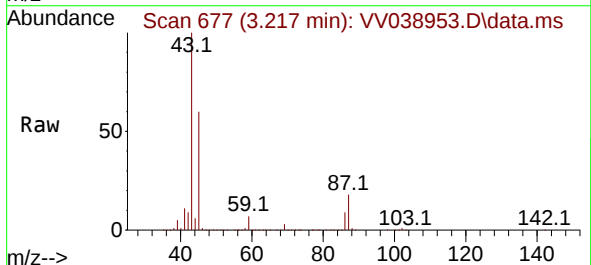
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

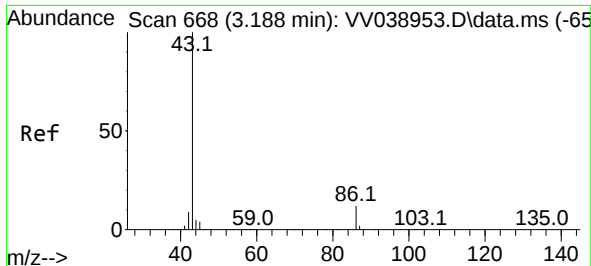
Tgt Ion: 96 Resp: 337694
Ion Ratio Lower Upper
96 100
61 135.3 108.2 162.4
98 64.6 51.7 77.5



#22
Diisopropyl ether
Concen: 49.748 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

Tgt Ion: 45 Resp: 1004760
Ion Ratio Lower Upper
45 100
43 165.2 132.2 198.2
87 30.1 24.1 36.1
59 12.3 9.8 14.8

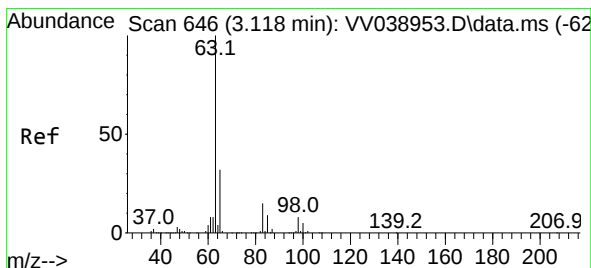
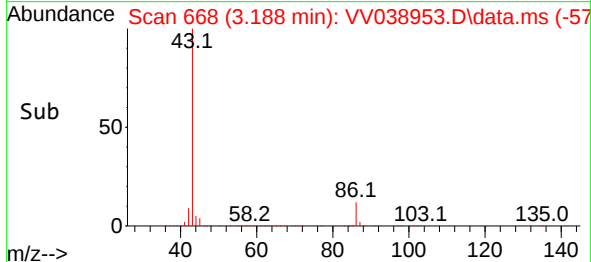
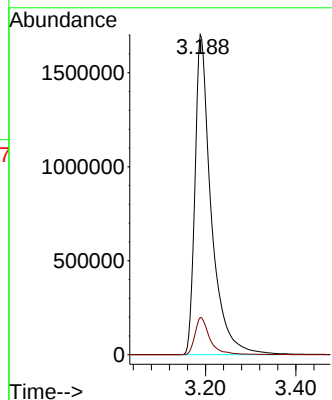
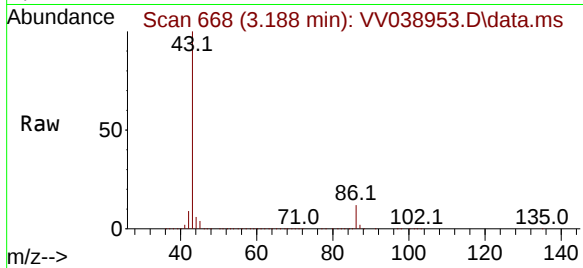




#23
 Vinyl Acetate
 Concen: 250.070 ug/l
 RT: 3.188 min Scan# 668
 Delta R.T. 0.000 min
 Lab File: VV038953.D
 Acq: 13 Aug 2025 15:24

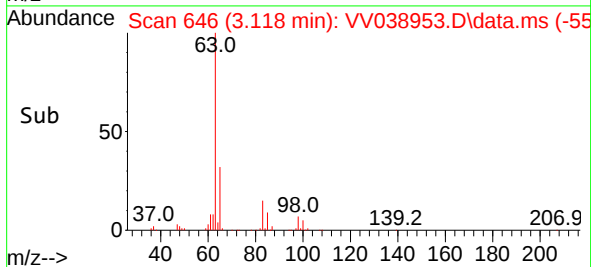
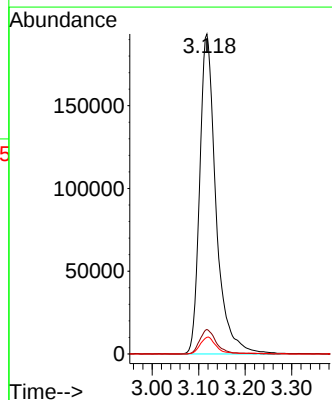
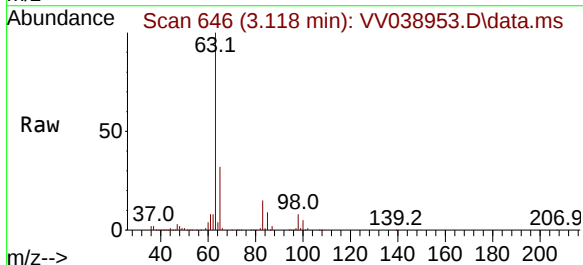
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

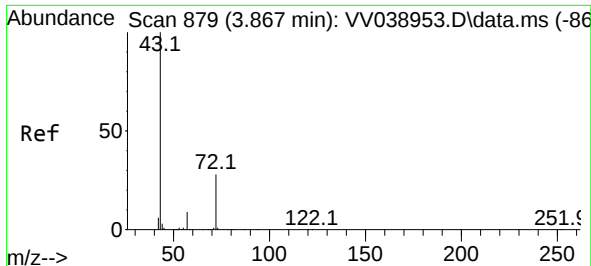
Tgt Ion: 43 Resp: 4242133
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.3 13.9



#24
 1,1-Dichloroethane
 Concen: 37.198 ug/l
 RT: 3.118 min Scan# 646
 Delta R.T. 0.000 min
 Lab File: VV038953.D
 Acq: 13 Aug 2025 15:24

Tgt Ion: 63 Resp: 470149
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.8 11.4
 100 5.2 2.6 7.8

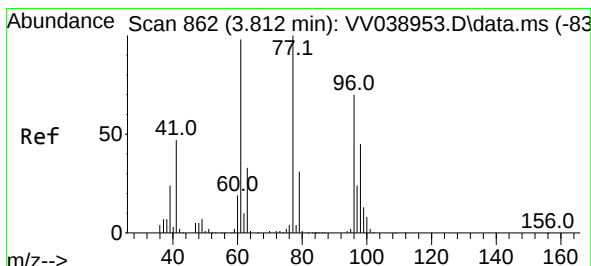
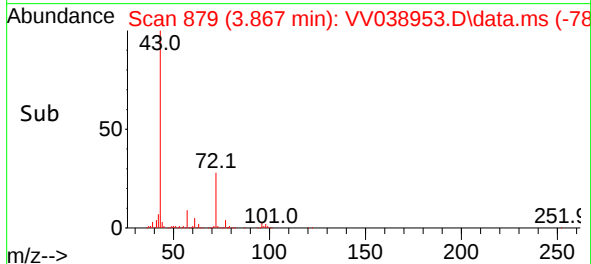
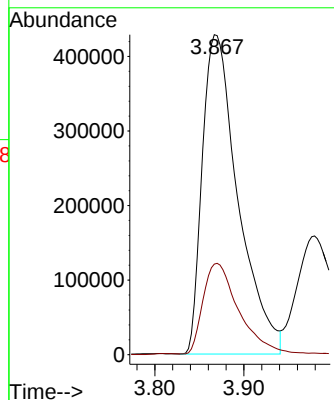
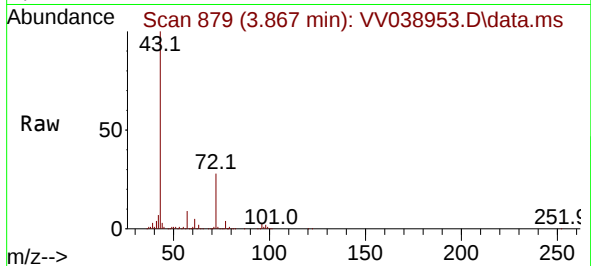




#25
2-Butanone
Concen: 258.452 ug/l
RT: 3.867 min Scan# 81
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

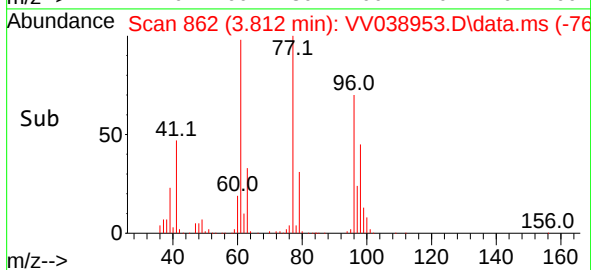
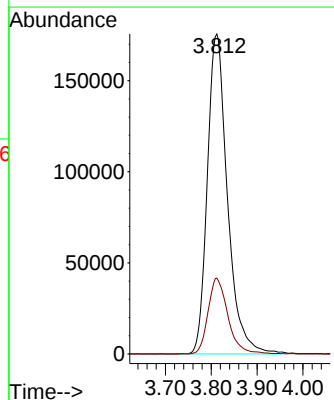
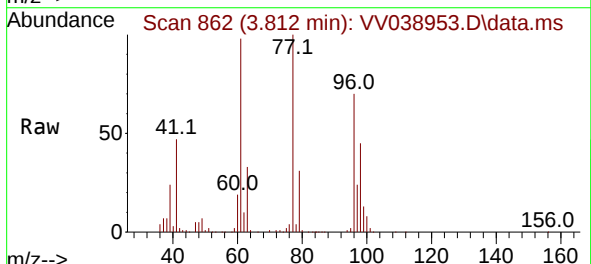
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

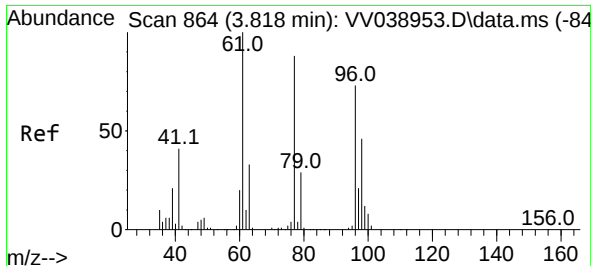
Tgt Ion: 43 Resp: 1197409
Ion Ratio Lower Upper
43 100
72 28.1 22.5 33.7



#26
2,2-Dichloropropane
Concen: 48.270 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

Tgt Ion: 77 Resp: 535175
Ion Ratio Lower Upper
77 100
97 23.4 11.7 35.1

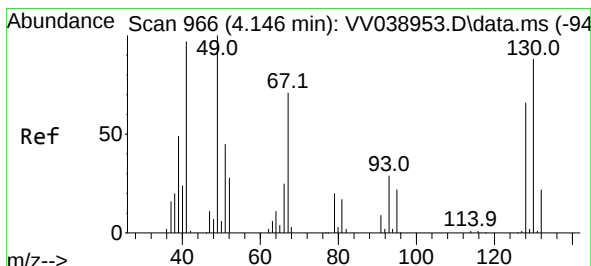
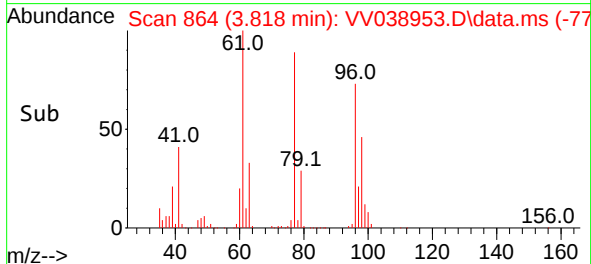
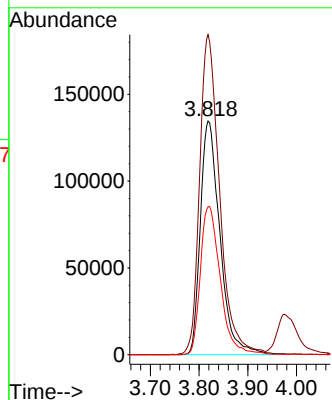
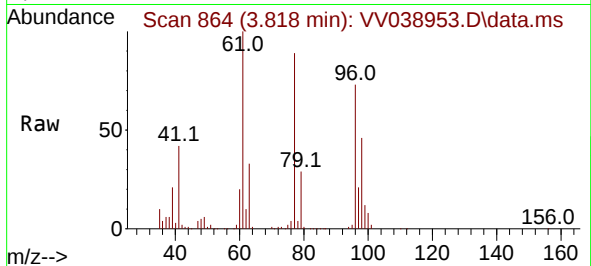




#27
 cis-1,2-Dichloroethene
 Concen: 48.463 ug/l
 RT: 3.818 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VV038953.D
 Acq: 13 Aug 2025 15:24

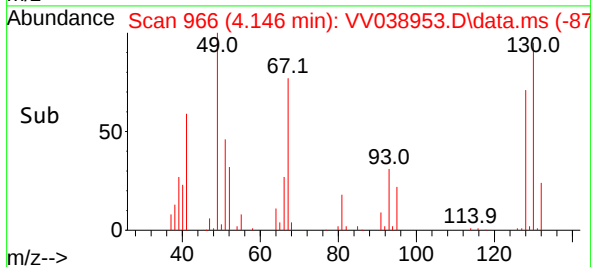
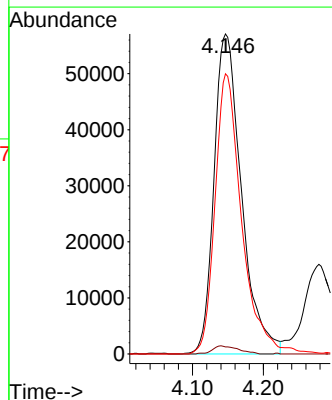
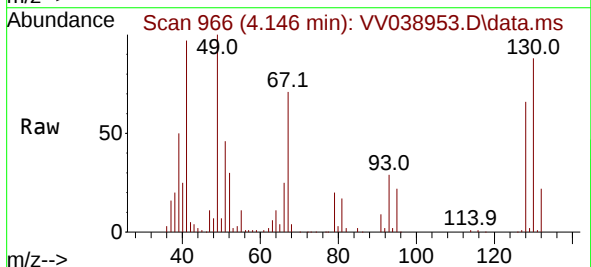
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

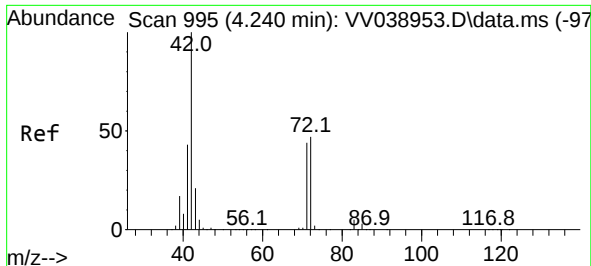
Tgt Ion: 96 Resp: 375761
 Ion Ratio Lower Upper
 96 100
 61 140.1 0.0 280.2
 98 64.6 0.0 129.2



#28
 Bromochloromethane
 Concen: 44.463 ug/l
 RT: 4.146 min Scan# 966
 Delta R.T. 0.000 min
 Lab File: VV038953.D
 Acq: 13 Aug 2025 15:24

Tgt Ion: 49 Resp: 153628
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 85.2 68.2 102.2





#29

Tetrahydrofuran

Concen: 262.085 ug/l

RT: 4.240 min Scan# 995

Delta R.T. 0.000 min

Lab File: VV038953.D

Acq: 13 Aug 2025 15:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

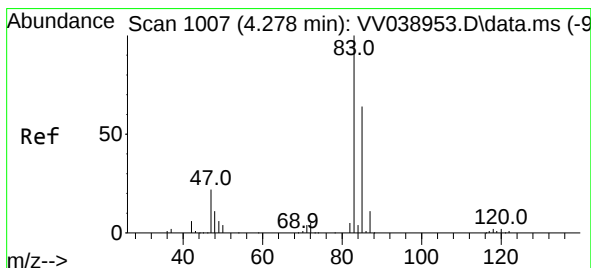
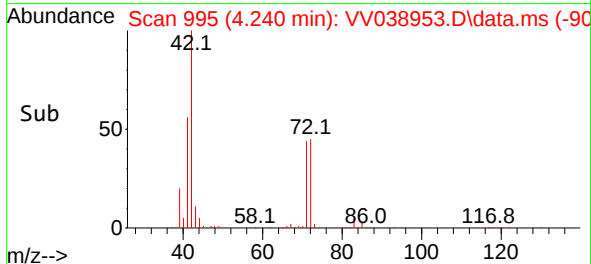
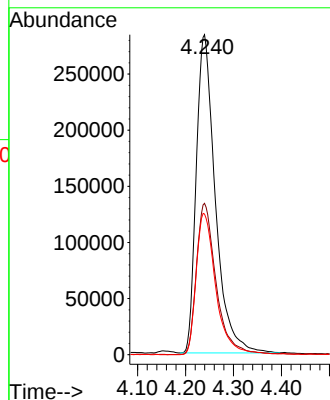
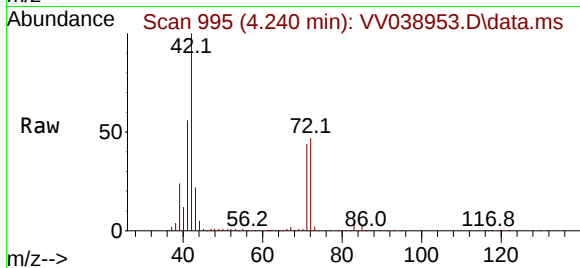
Tgt Ion: 42 Resp: 782131

Ion Ratio Lower Upper

42 100

72 49.3 39.4 59.2

71 46.0 36.8 55.2



#30

Chloroform

Concen: 46.875 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. 0.000 min

Lab File: VV038953.D

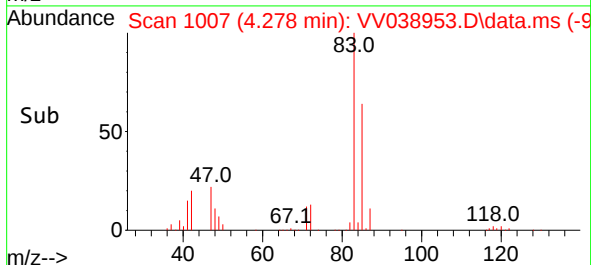
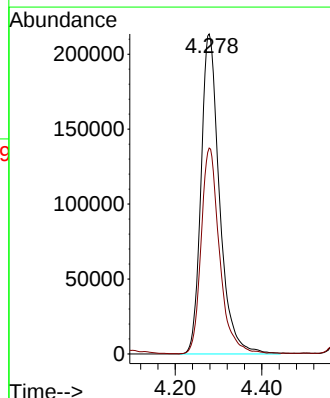
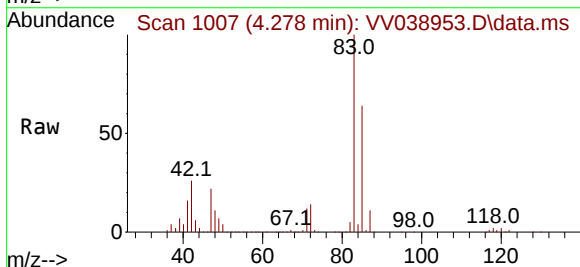
Acq: 13 Aug 2025 15:24

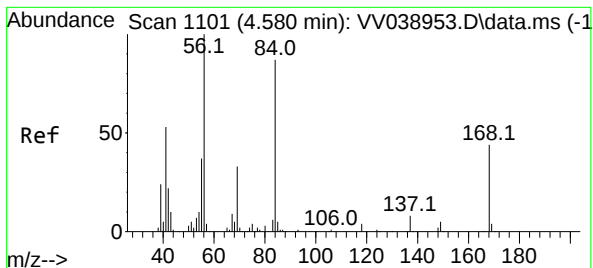
Tgt Ion: 83 Resp: 633124

Ion Ratio Lower Upper

83 100

85 64.2 51.4 77.0





#31

Cyclohexane

Concen: 47.748 ug/l

RT: 4.580 min Scan# 1101

Delta R.T. 0.000 min

Lab File: VV038953.D

Acq: 13 Aug 2025 15:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

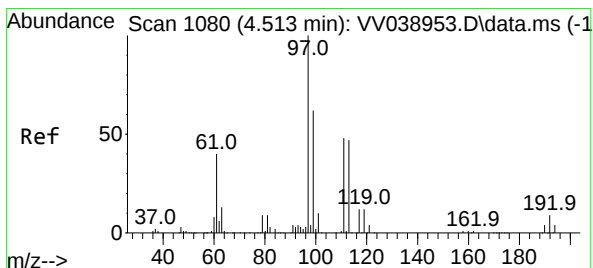
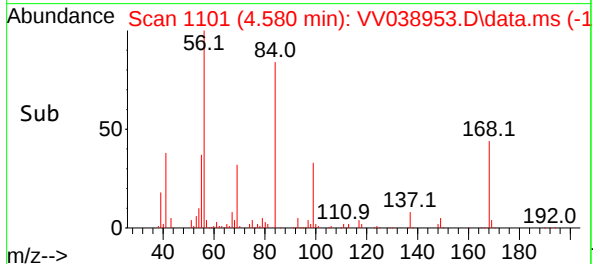
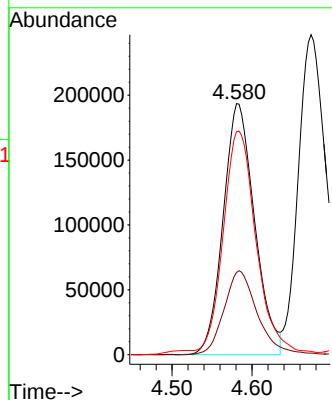
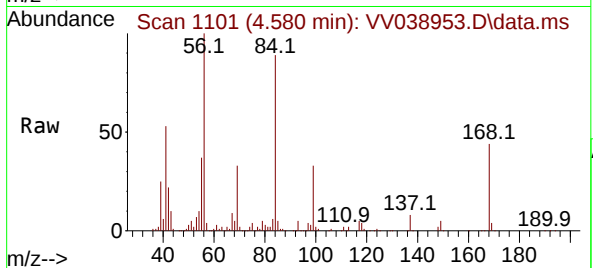
Tgt Ion: 56 Resp: 529472

Ion Ratio Lower Upper

56 100

69 32.8 26.2 39.4

84 87.2 69.8 104.6



#32

1,1,1-Trichloroethane

Concen: 47.287 ug/l

RT: 4.513 min Scan# 1080

Delta R.T. 0.000 min

Lab File: VV038953.D

Acq: 13 Aug 2025 15:24

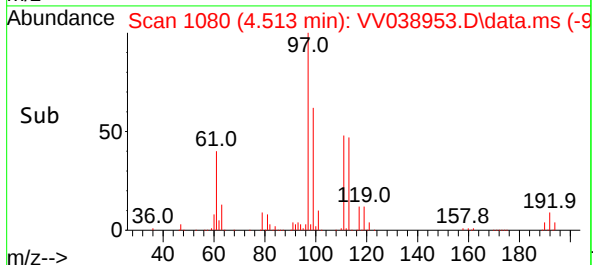
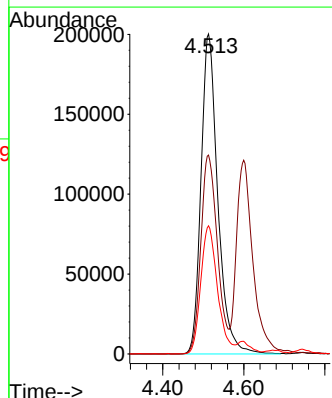
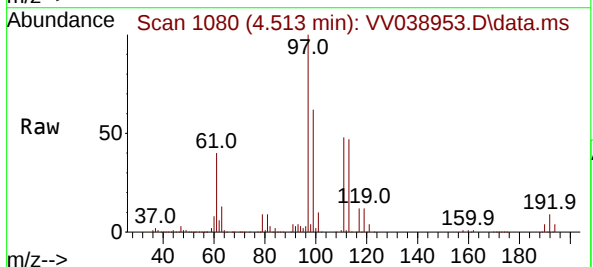
Tgt Ion: 97 Resp: 575760

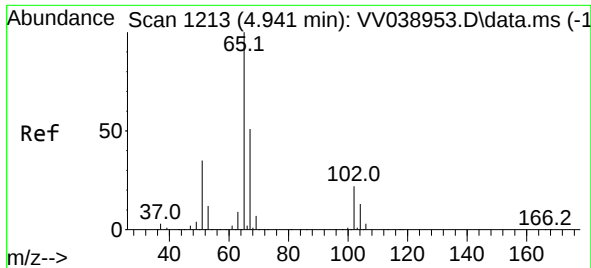
Ion Ratio Lower Upper

97 100

99 61.5 49.2 73.8

61 40.0 32.0 48.0





#33

1,2-Dichloroethane-d4

Concen: 49.526 ug/l

RT: 4.941 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VV038953.D

Acq: 13 Aug 2025 15:24

Instrument :

MSVOA_V

ClientSampleId :

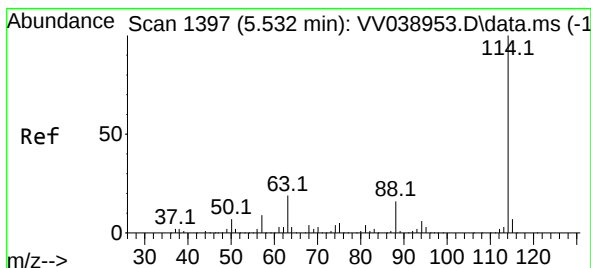
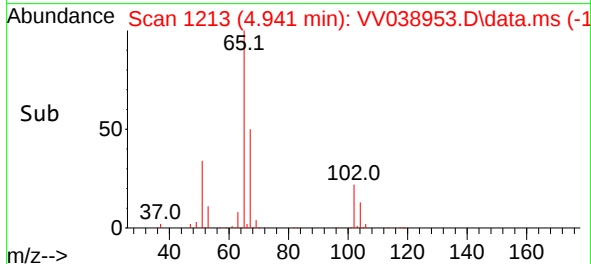
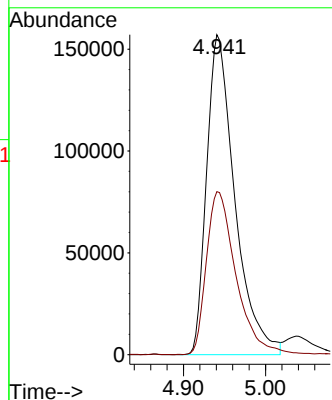
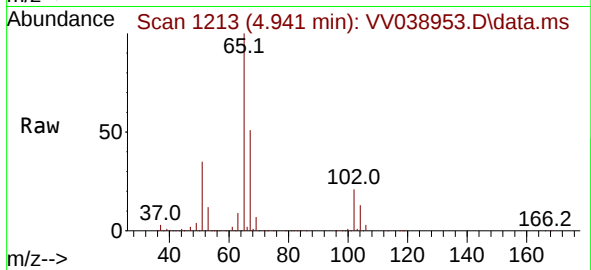
VSTDICCC050

Tgt Ion: 65 Resp: 375326

Ion Ratio Lower Upper

65 100

67 53.8 0.0 107.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VV038953.D

Acq: 13 Aug 2025 15:24

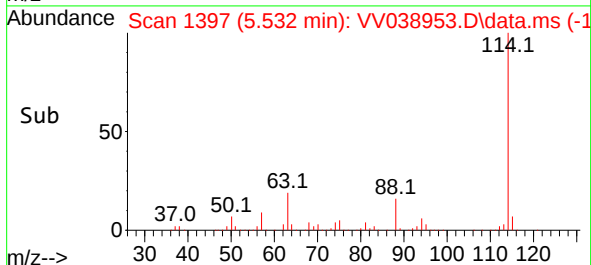
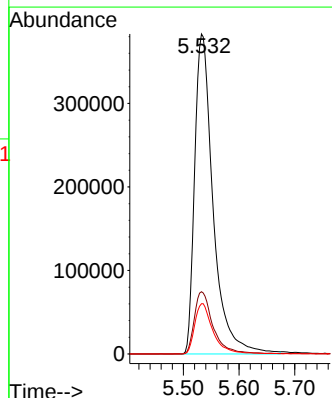
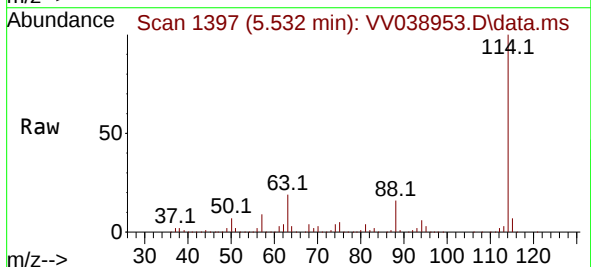
Tgt Ion: 114 Resp: 882592

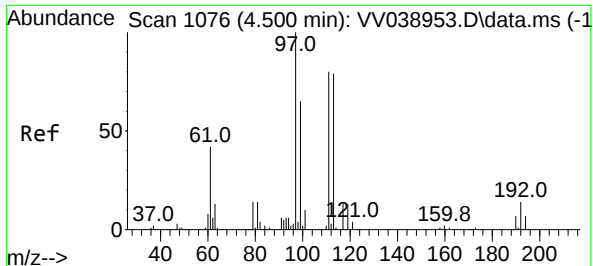
Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.8

88 15.7 0.0 31.4

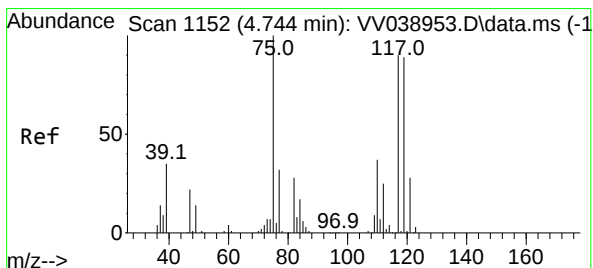
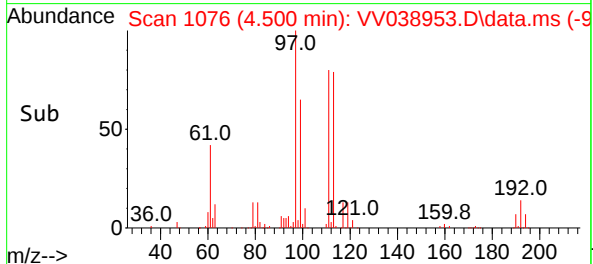
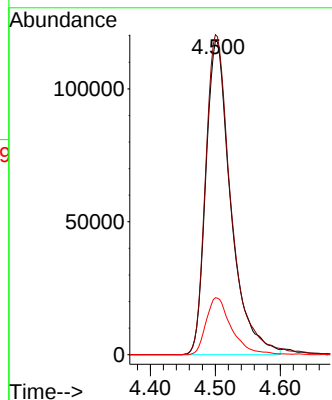
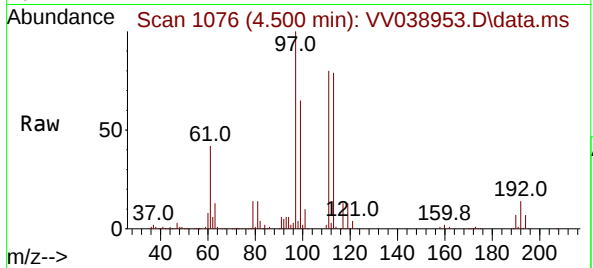




#35
Dibromofluoromethane
Concen: 50.805 ug/l
RT: 4.500 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

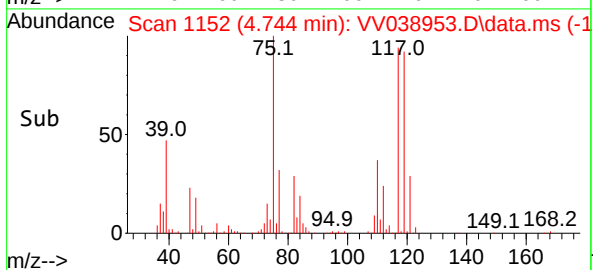
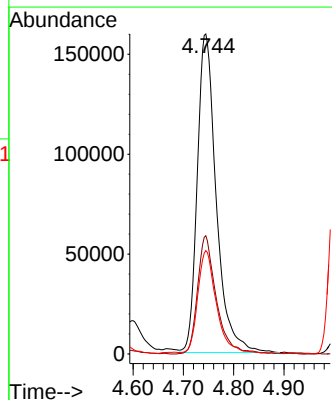
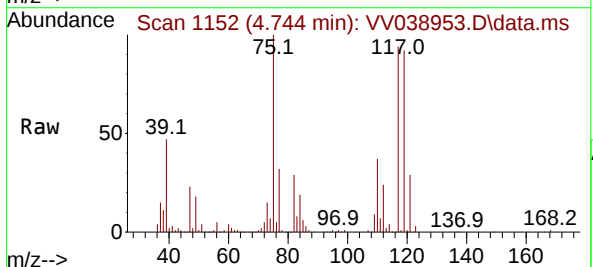
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

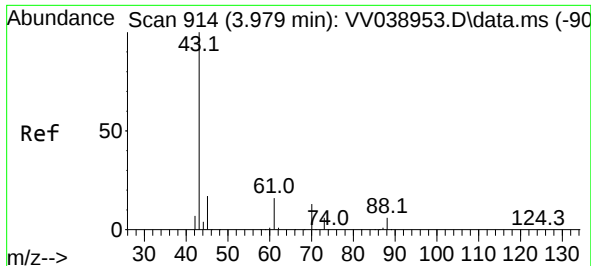
Tgt Ion:113 Resp: 315885
Ion Ratio Lower Upper
113 100
111 104.3 83.4 125.2
192 18.5 14.8 22.2



#36
1,1-Dichloropropene
Concen: 51.189 ug/l
RT: 4.744 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

Tgt Ion: 75 Resp: 418581
Ion Ratio Lower Upper
75 100
110 36.5 18.3 54.8
77 31.2 25.0 37.4

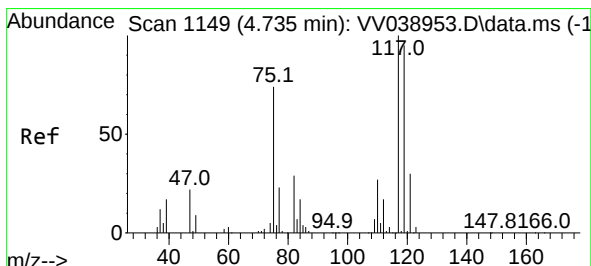
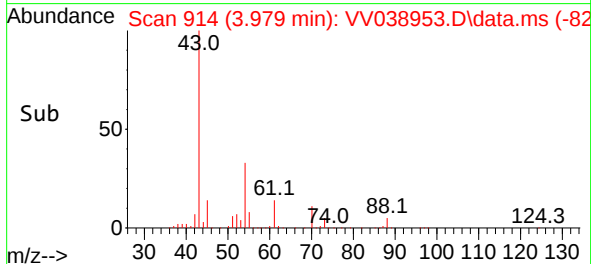
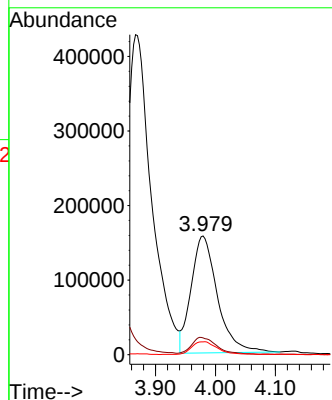
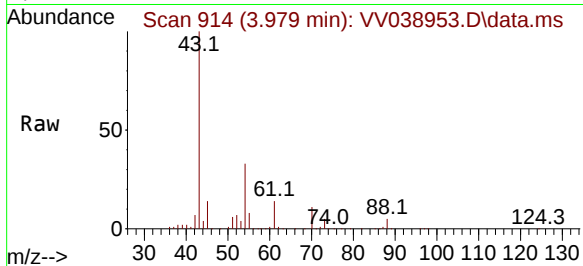




#37
Ethyl Acetate
Concen: 49.718 ug/l
RT: 3.979 min Scan# 914
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

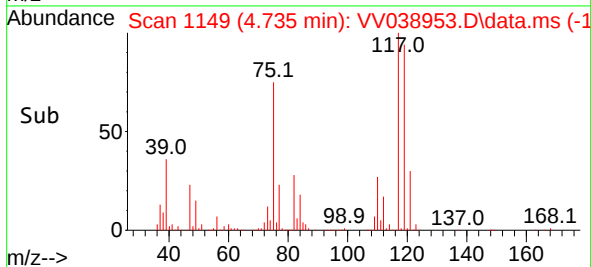
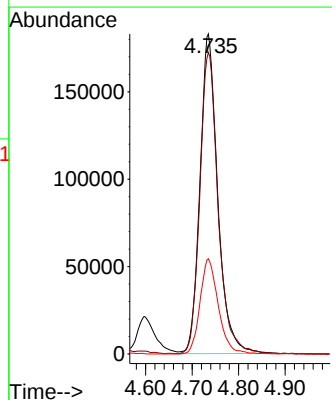
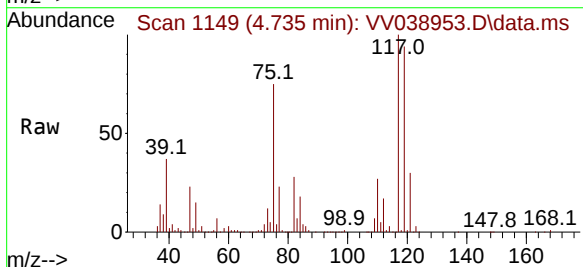
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

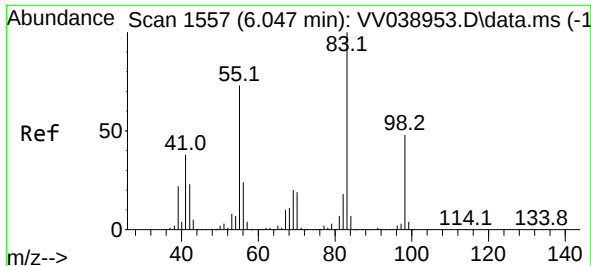
Tgt Ion: 43 Resp: 478558
Ion Ratio Lower Upper
43 100
61 13.9 11.1 16.7
70 10.5 8.4 12.6



#38
Carbon Tetrachloride
Concen: 50.393 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

Tgt Ion: 117 Resp: 485809
Ion Ratio Lower Upper
117 100
119 94.2 75.4 113.0
121 29.8 23.8 35.8





#39

Methylcyclohexane

Concen: 52.843 ug/l

RT: 6.047 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038953.D

Acq: 13 Aug 2025 15:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

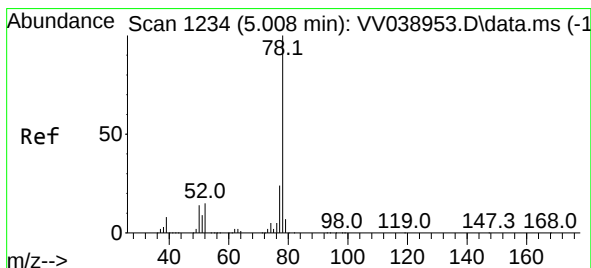
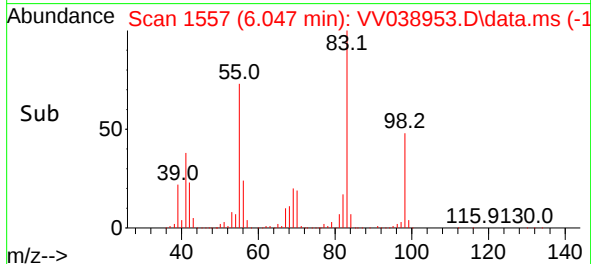
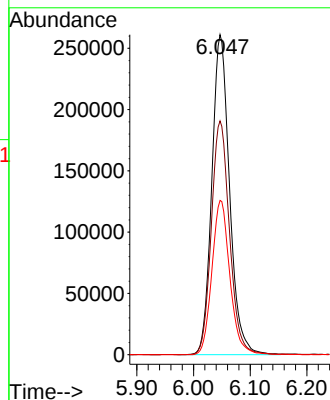
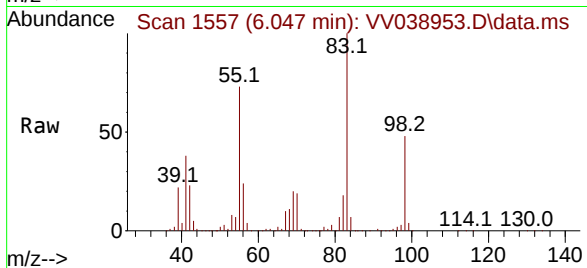
Tgt Ion: 83 Resp: 567792

Ion Ratio Lower Upper

83 100

55 73.0 58.4 87.6

98 48.2 38.6 57.8



#40

Benzene

Concen: 49.197 ug/l

RT: 5.008 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VV038953.D

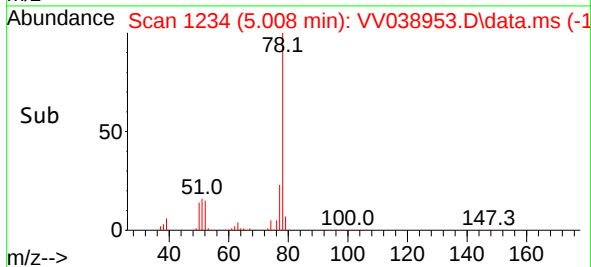
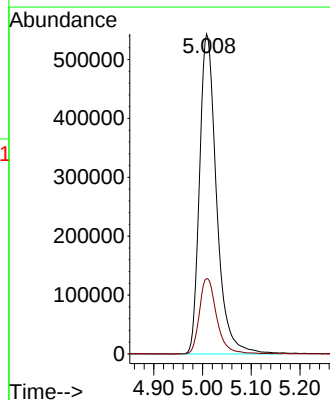
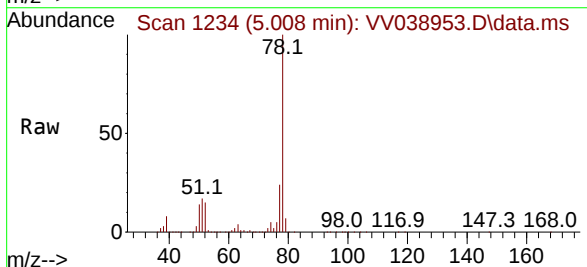
Acq: 13 Aug 2025 15:24

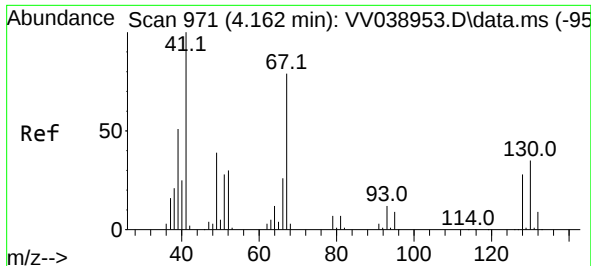
Tgt Ion: 78 Resp: 1318630

Ion Ratio Lower Upper

78 100

77 23.5 18.8 28.2



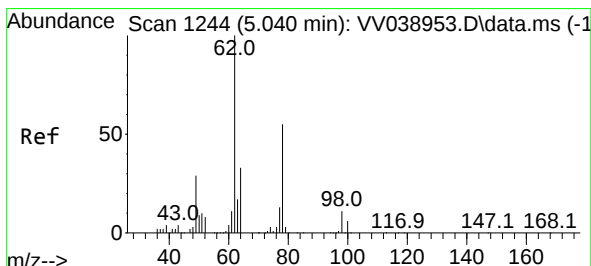
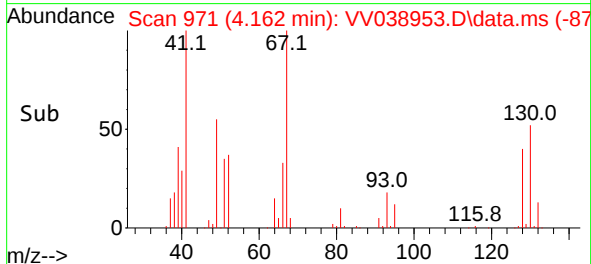
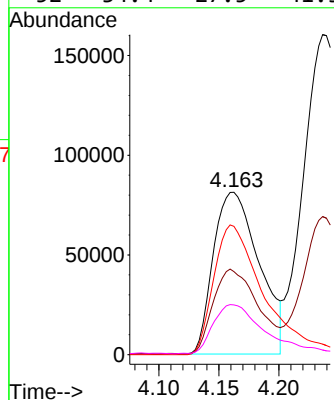
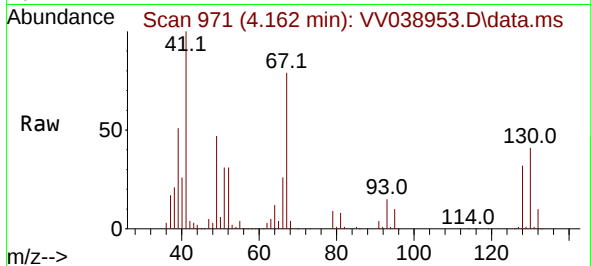


#41
Methacrylonitrile
Concen: 58.572 ug/l
RT: 4.162 min Scan# 971
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 215677

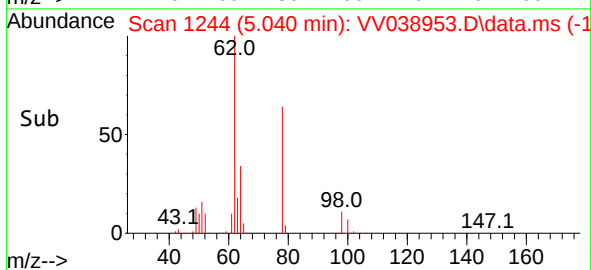
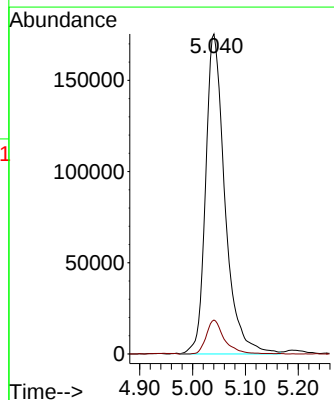
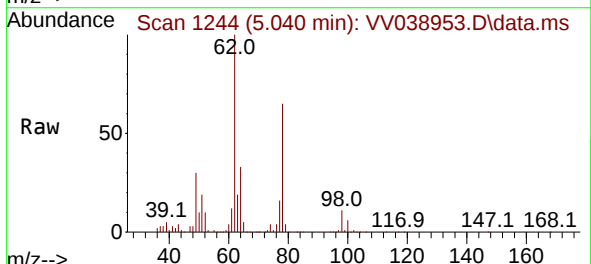
Ion	Ratio	Lower	Upper
41	100		
39	51.8	41.4	62.2
67	90.0	72.0	108.0
52	34.4	27.5	41.3

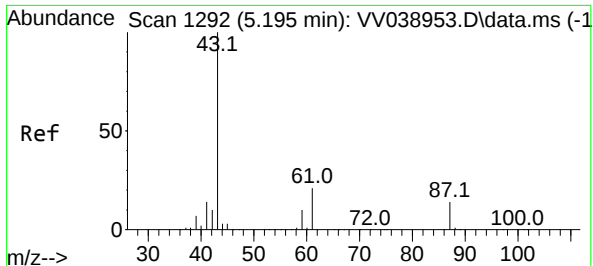


#42
1,2-Dichloroethane
Concen: 48.345 ug/l
RT: 5.040 min Scan# 1244
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

Tgt Ion: 62 Resp: 446236

Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.8

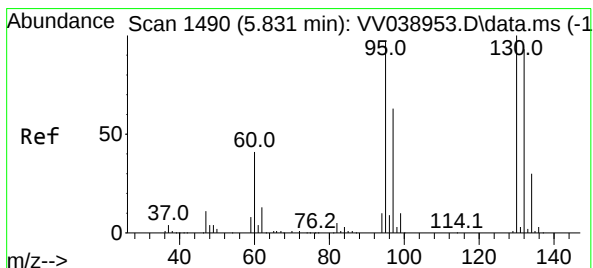
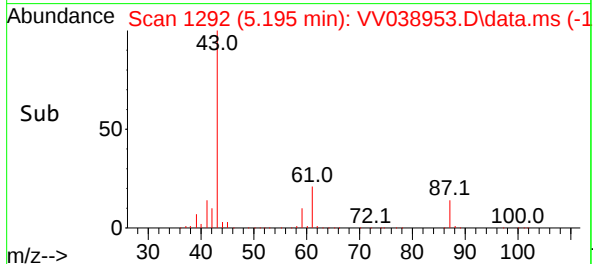
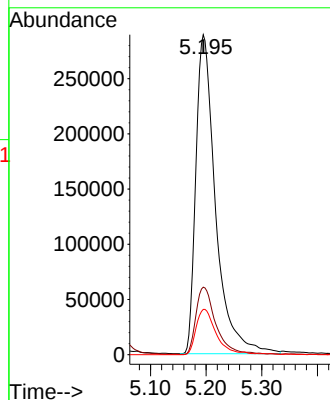
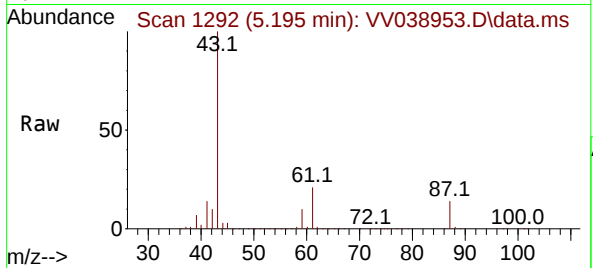




#43
Isopropyl Acetate
Concen: 54.560 ug/l
RT: 5.195 min Scan# 1292
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

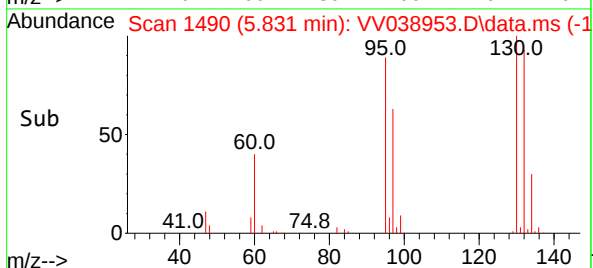
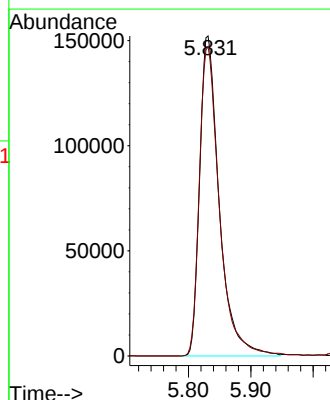
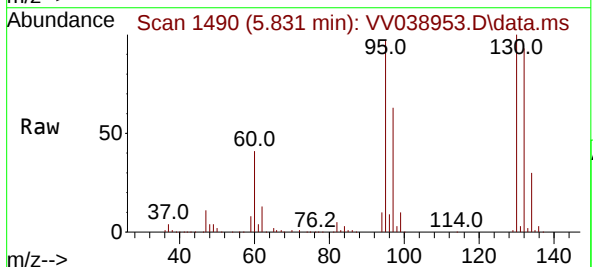
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

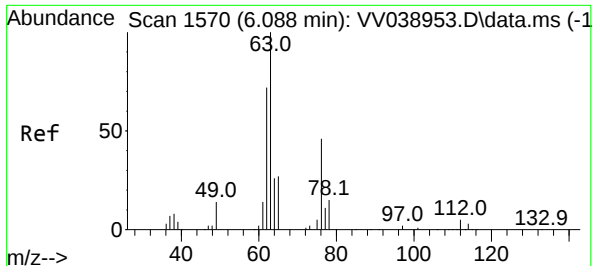
Tgt Ion: 43 Resp: 711539
Ion Ratio Lower Upper
43 100
61 21.3 17.0 25.6
87 14.1 11.3 16.9



#44
Trichloroethene
Concen: 47.913 ug/l
RT: 5.831 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

Tgt Ion:130 Resp: 332414
Ion Ratio Lower Upper
130 100
95 96.7 0.0 193.4





#45

1,2-Dichloropropane

Concen: 51.560 ug/l

RT: 6.088 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VV038953.D

Acq: 13 Aug 2025 15:24

Instrument :

MSVOA_V

ClientSampleId :

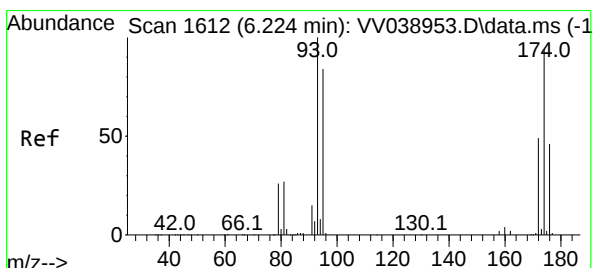
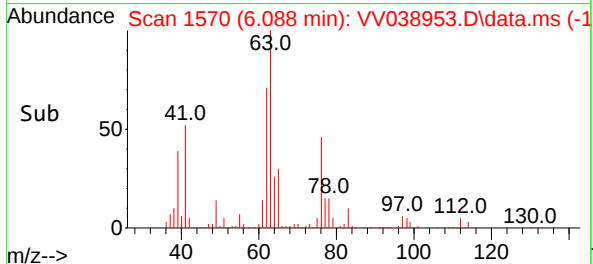
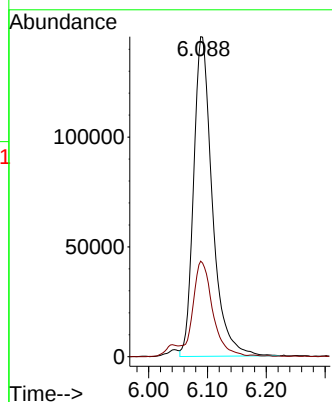
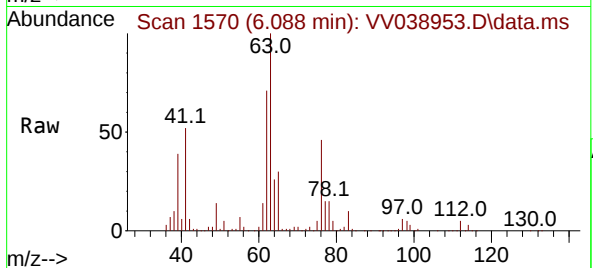
VSTDICCC050

Tgt Ion: 63 Resp: 322121

Ion Ratio Lower Upper

63 100

65 29.8 23.8 35.8



#46

Dibromomethane

Concen: 48.525 ug/l

RT: 6.224 min Scan# 1612

Delta R.T. 0.000 min

Lab File: VV038953.D

Acq: 13 Aug 2025 15:24

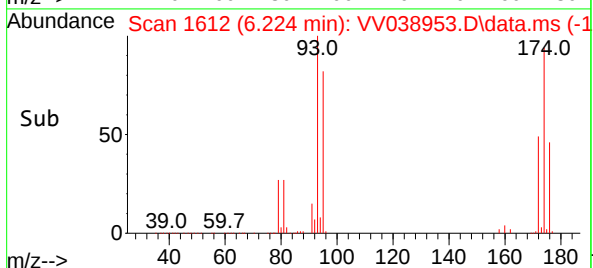
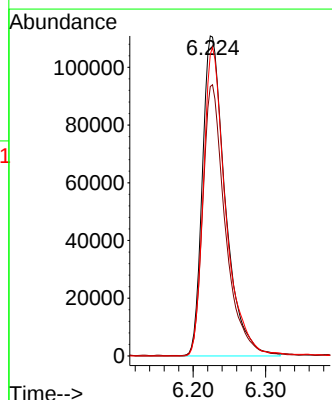
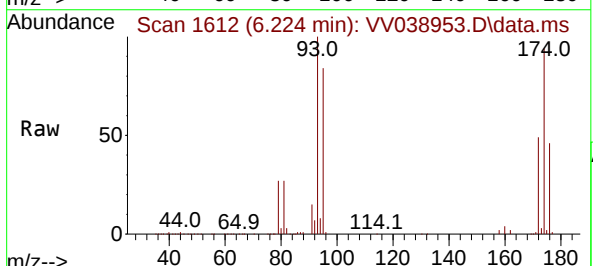
Tgt Ion: 93 Resp: 242945

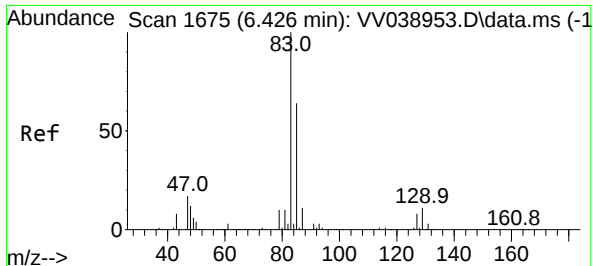
Ion Ratio Lower Upper

93 100

95 82.8 66.2 99.4

174 94.4 75.5 113.3

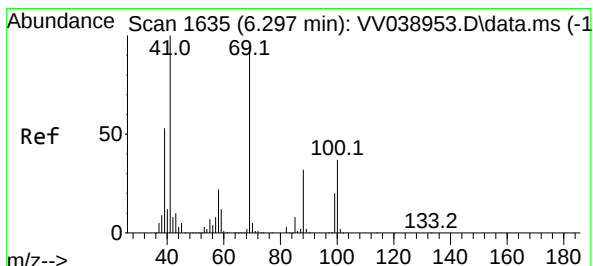
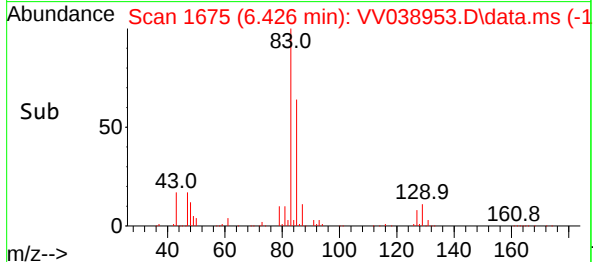
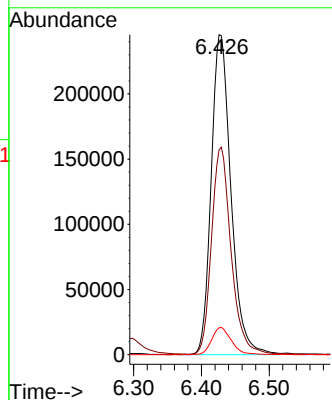
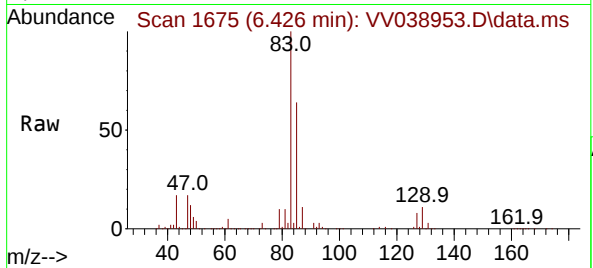




#47
Bromodichloromethane
Concen: 49.457 ug/l
RT: 6.426 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

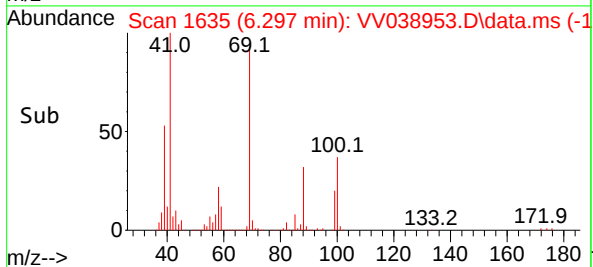
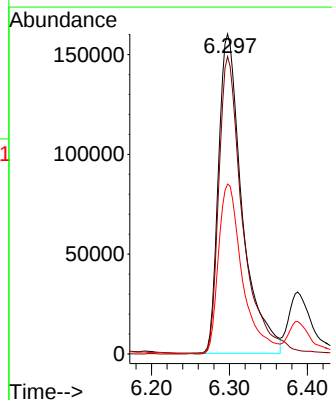
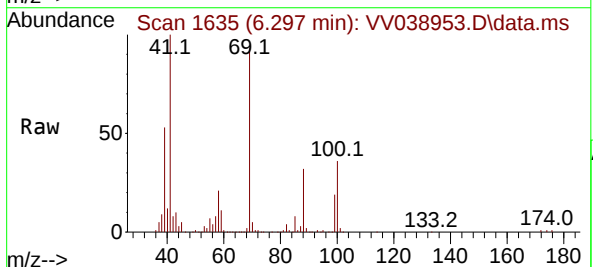
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

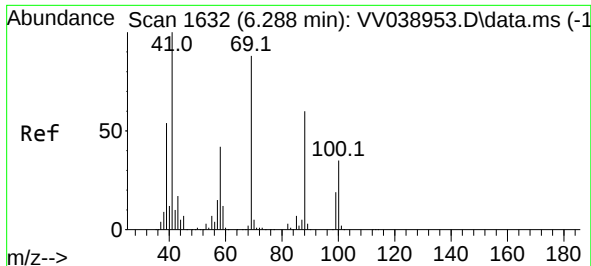
Tgt Ion: 83 Resp: 497725
Ion Ratio Lower Upper
83 100
85 63.8 51.0 76.6
127 8.4 6.7 10.1



#48
Methyl methacrylate
Concen: 56.070 ug/l
RT: 6.297 min Scan# 1635
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

Tgt Ion: 41 Resp: 336875
Ion Ratio Lower Upper
41 100
69 94.8 75.8 113.8
39 53.7 43.0 64.4





#49

1,4-Dioxane

Concen: 1082.149 ug/l

RT: 6.288 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038953.D

Acq: 13 Aug 2025 15:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

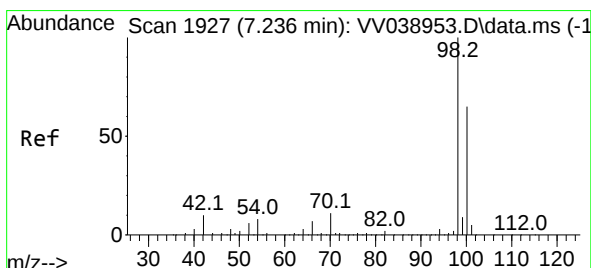
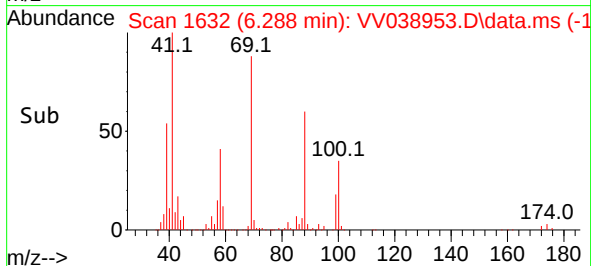
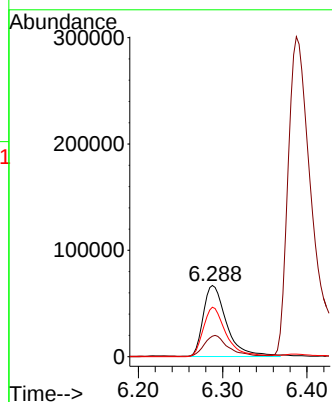
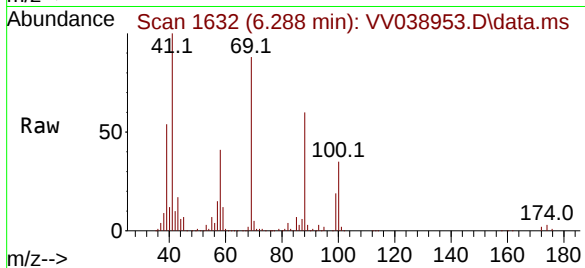
Tgt Ion: 88 Resp: 128668

Ion Ratio Lower Upper

88 100

43 29.9 23.9 35.9

58 67.6 54.1 81.1



#50

Toluene-d8

Concen: 51.750 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VV038953.D

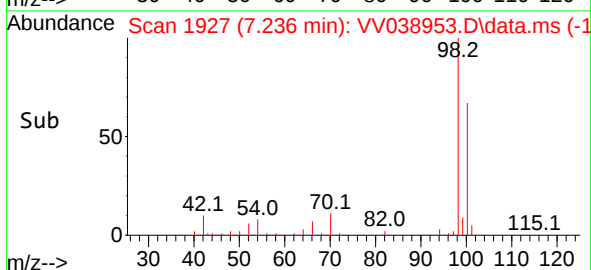
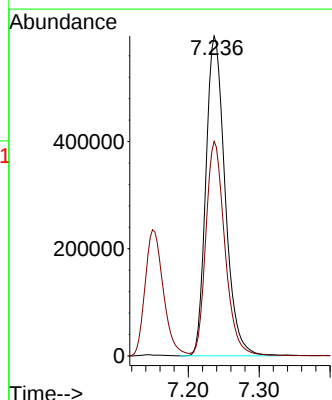
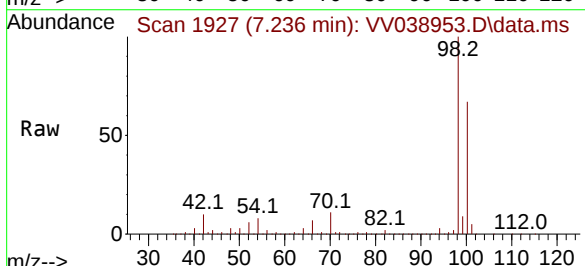
Acq: 13 Aug 2025 15:24

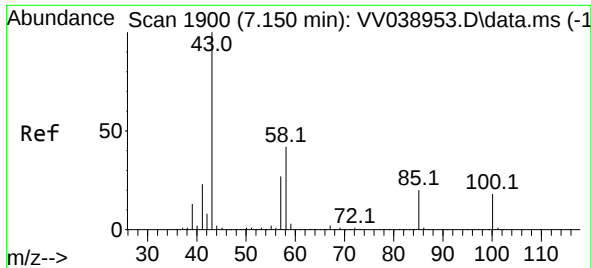
Tgt Ion: 98 Resp: 1120904

Ion Ratio Lower Upper

98 100

100 66.3 53.0 79.6

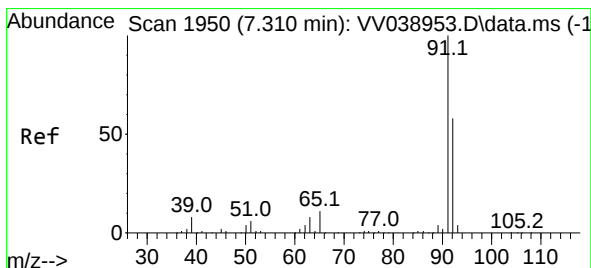
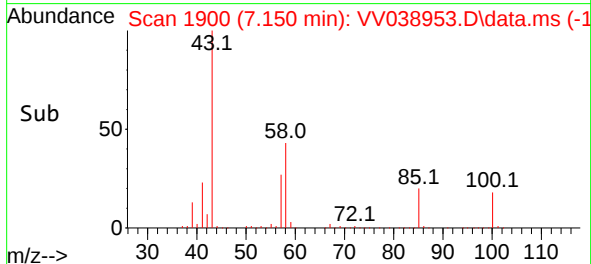
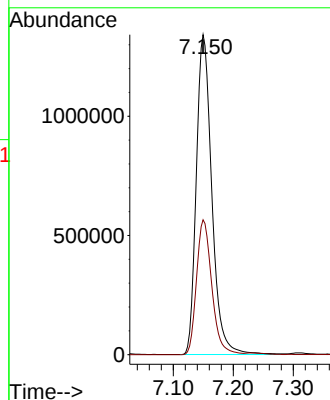
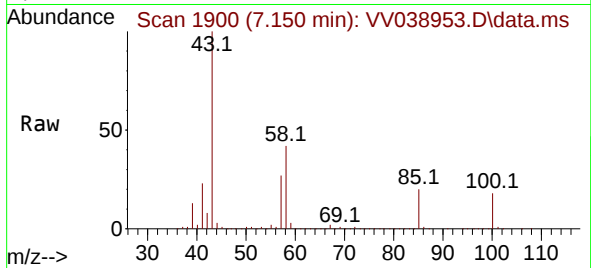




#51
4-Methyl-2-Pentanone
Concen: 272.592 ug/l
RT: 7.150 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

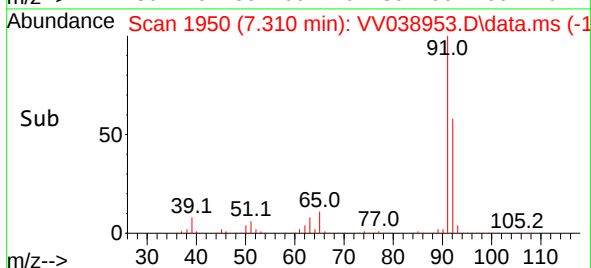
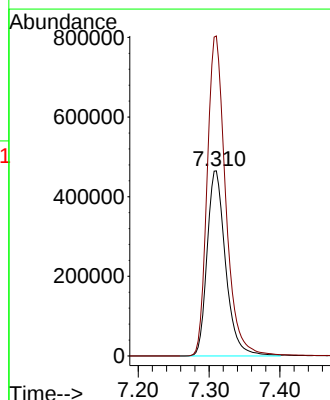
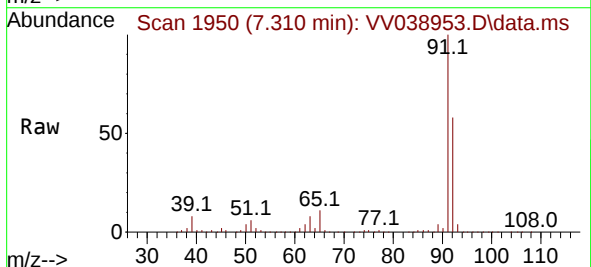
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

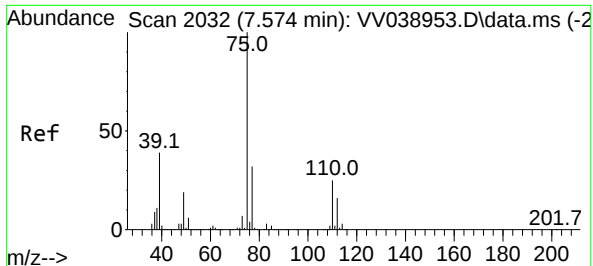
Tgt Ion: 43 Resp: 2417368
Ion Ratio Lower Upper
43 100
58 41.5 33.2 49.8



#52
Toluene
Concen: 51.556 ug/l
RT: 7.310 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

Tgt Ion: 92 Resp: 842932
Ion Ratio Lower Upper
92 100
91 173.6 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 51.892 ug/l

RT: 7.574 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VV038953.D

Acq: 13 Aug 2025 15:24

Instrument :

MSVOA_V

ClientSampleId :

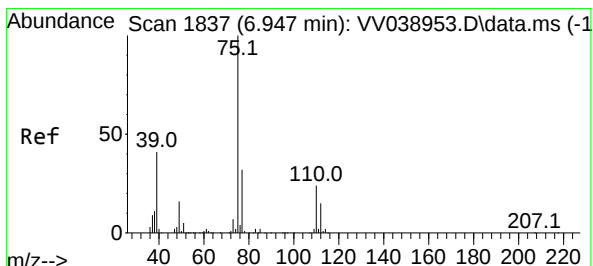
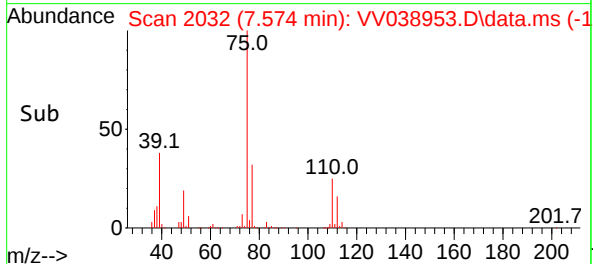
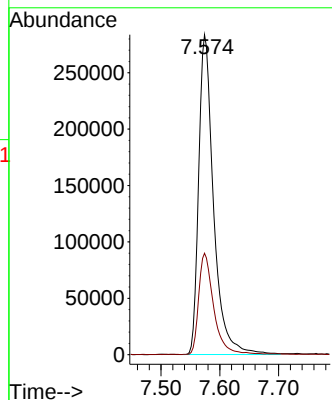
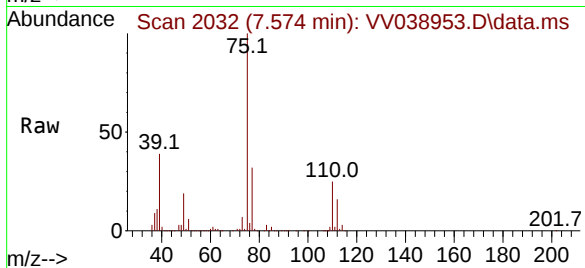
VSTDICCC050

Tgt Ion: 75 Resp: 497883

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 51.039 ug/l

RT: 6.947 min Scan# 1837

Delta R.T. 0.000 min

Lab File: VV038953.D

Acq: 13 Aug 2025 15:24

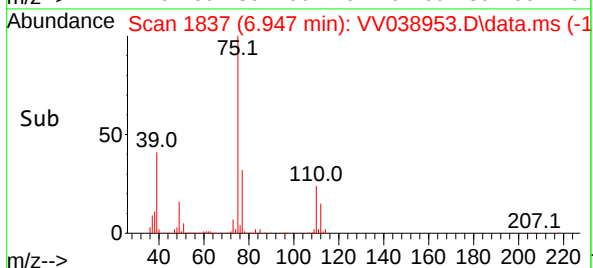
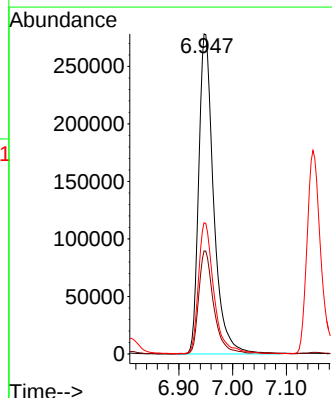
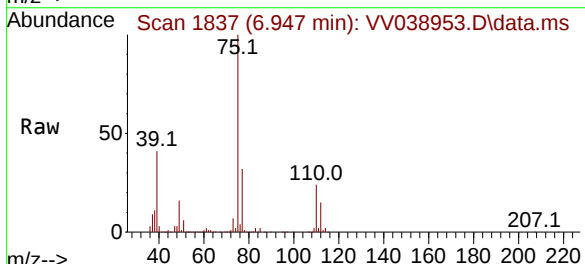
Tgt Ion: 75 Resp: 537671

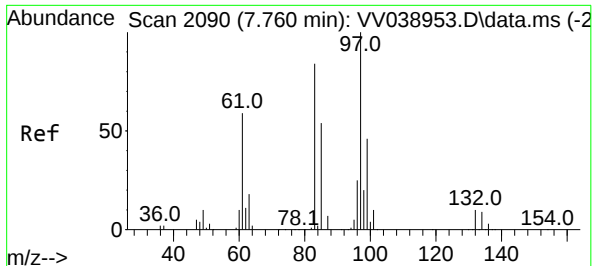
Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5

39 40.8 32.6 49.0



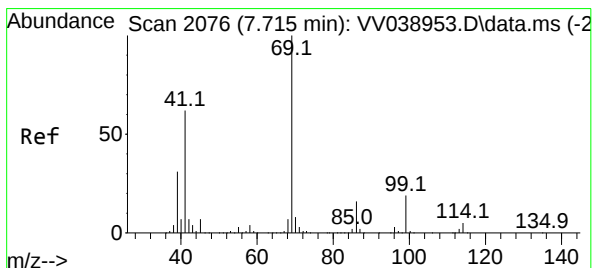
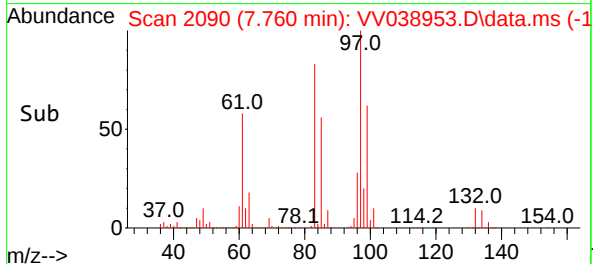
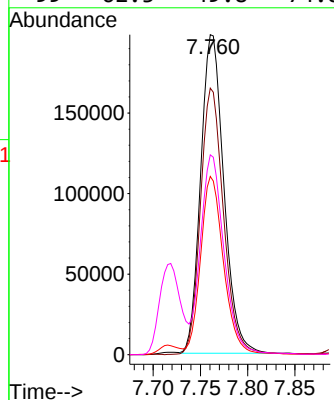
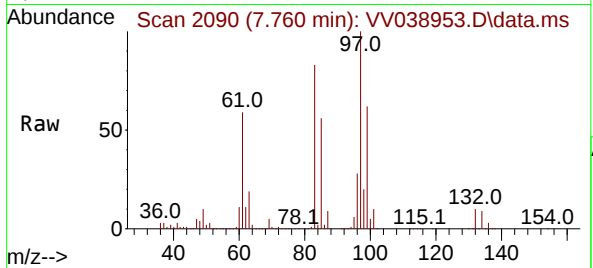


#55
 1,1,2-Trichloroethane
 Concen: 49.434 ug/l
 RT: 7.760 min Scan# 2090
 Delta R.T. 0.000 min
 Lab File: VV038953.D
 Acq: 13 Aug 2025 15:24

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 97 Resp: 337676

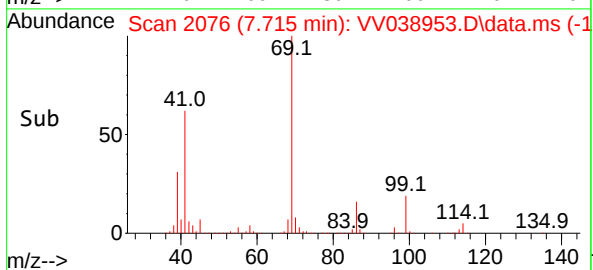
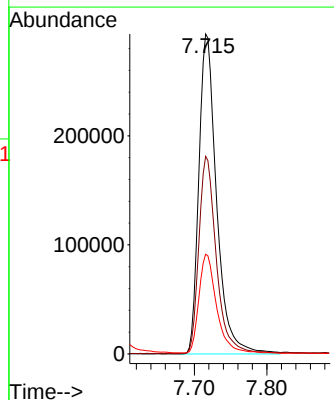
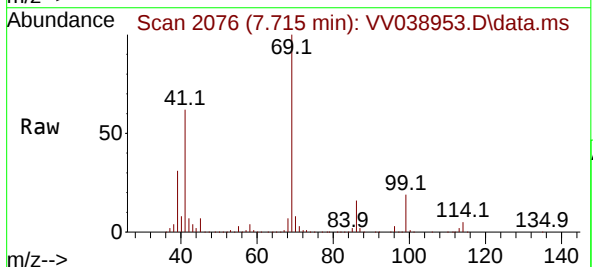
Ion	Ratio	Lower	Upper
97	100		
83	83.4	66.7	100.1
85	55.6	44.5	66.7
99	62.3	49.8	74.8

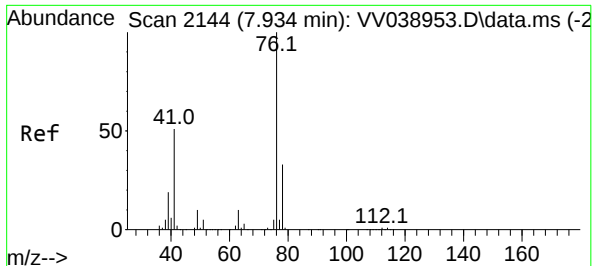


#56
 Ethyl methacrylate
 Concen: 56.386 ug/l
 RT: 7.715 min Scan# 2076
 Delta R.T. 0.000 min
 Lab File: VV038953.D
 Acq: 13 Aug 2025 15:24

Tgt Ion: 69 Resp: 499387

Ion	Ratio	Lower	Upper
69	100		
41	60.1	48.1	72.1
39	30.4	24.3	36.5





#57

1,3-Dichloropropane

Concen: 50.574 ug/l

RT: 7.934 min Scan# 2144

Delta R.T. 0.000 min

Lab File: VV038953.D

Acq: 13 Aug 2025 15:24

Instrument :

MSVOA_V

ClientSampleId :

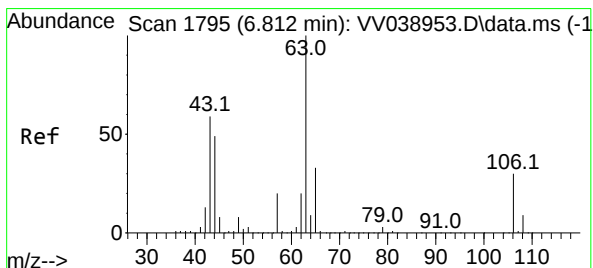
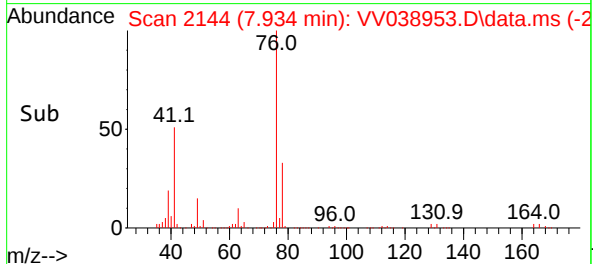
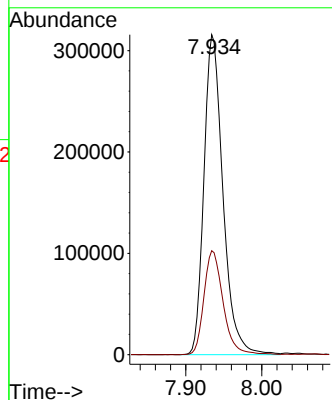
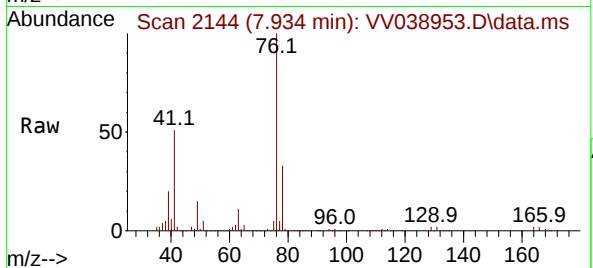
VSTDICCC050

Tgt Ion: 76 Resp: 549136

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 239.879 ug/l

RT: 6.812 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VV038953.D

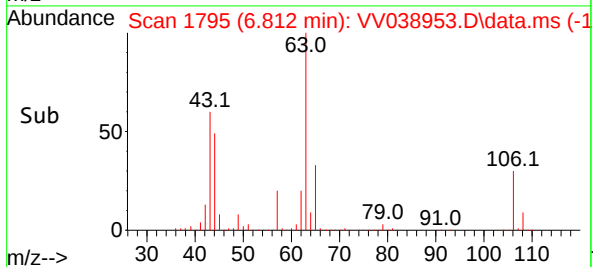
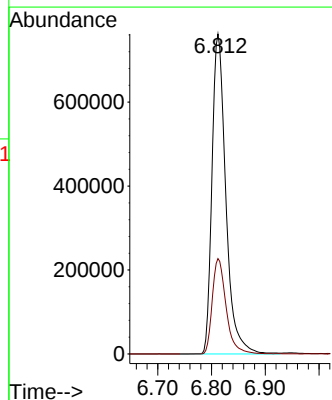
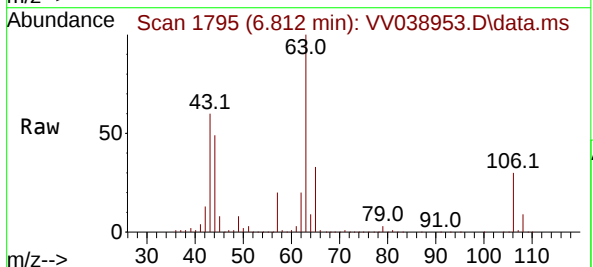
Acq: 13 Aug 2025 15:24

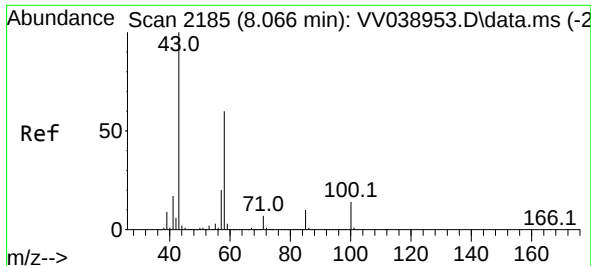
Tgt Ion: 63 Resp: 1362141

Ion Ratio Lower Upper

63 100

106 29.8 23.8 35.8

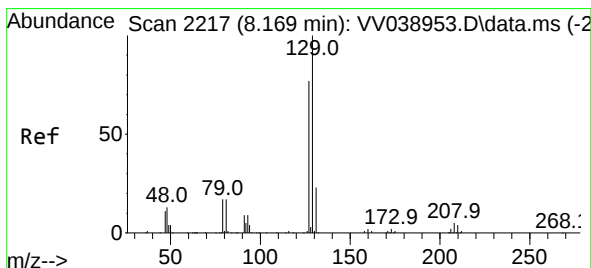
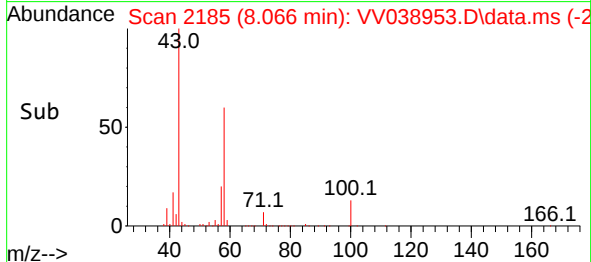
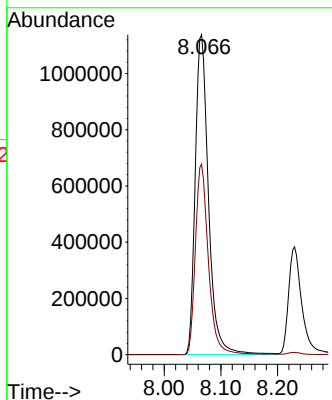
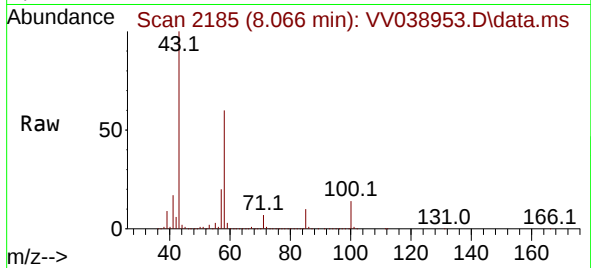




#59
2-Hexanone
Concen: 282.378 ug/l
RT: 8.066 min Scan# 2185
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

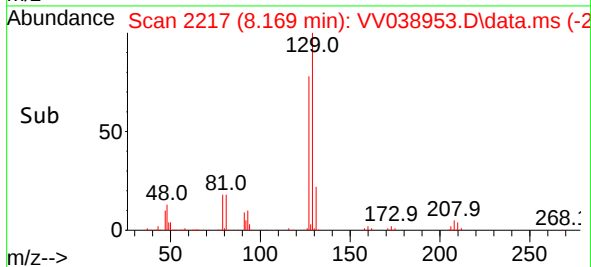
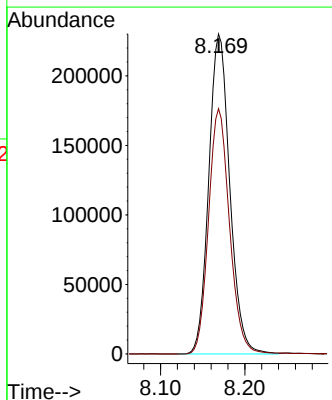
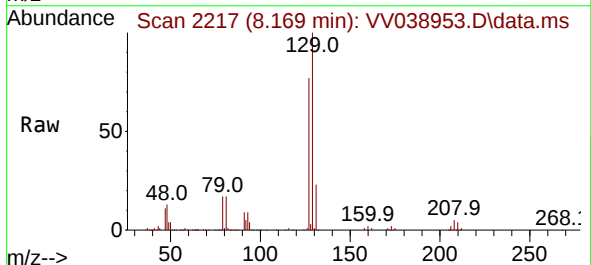
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

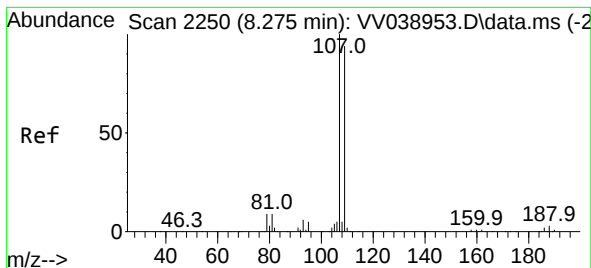
Tgt Ion: 43 Resp: 1846577
Ion Ratio Lower Upper
43 100
58 58.6 29.3 87.9



#60
Dibromochloromethane
Concen: 48.340 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

Tgt Ion: 129 Resp: 398924
Ion Ratio Lower Upper
129 100
127 76.4 38.2 114.6

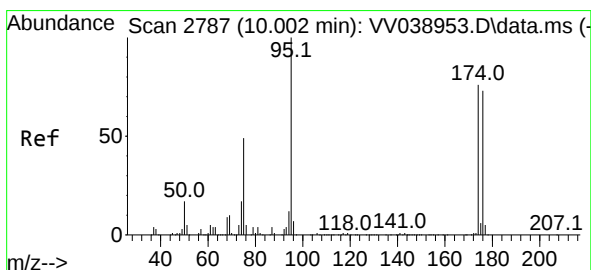
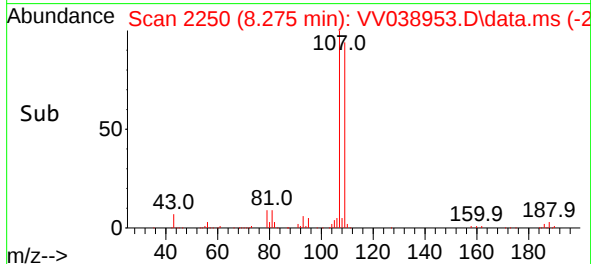
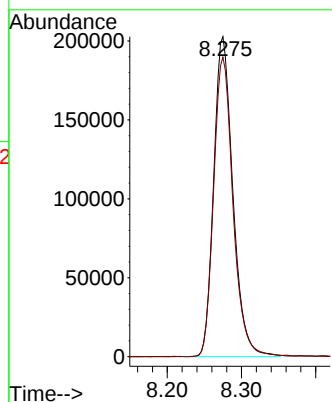
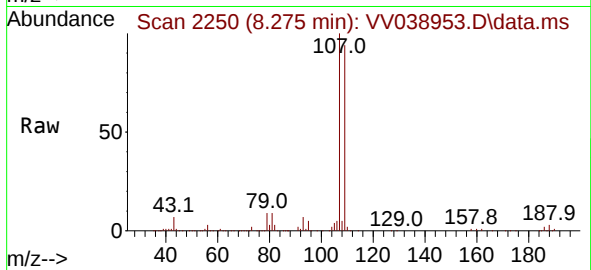




#61
 1,2-Dibromoethane
 Concen: 49.470 ug/l
 RT: 8.275 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV038953.D
 Acq: 13 Aug 2025 15:24

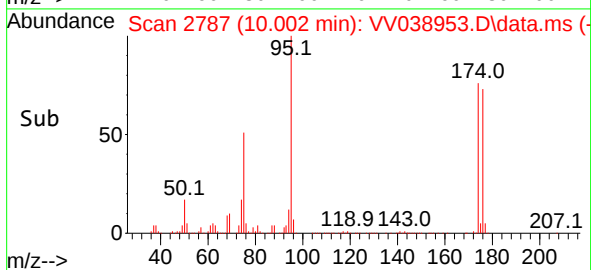
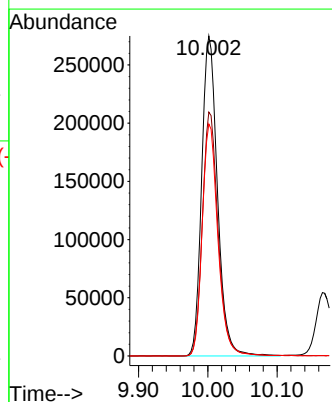
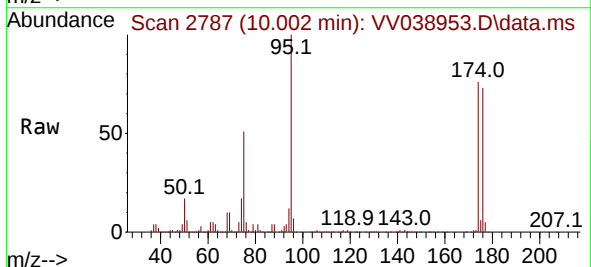
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

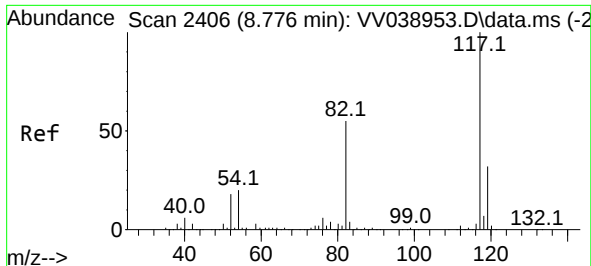
Tgt Ion:107 Resp: 363686
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 55.162 ug/l
 RT: 10.002 min Scan# 2787
 Delta R.T. 0.000 min
 Lab File: VV038953.D
 Acq: 13 Aug 2025 15:24

Tgt Ion: 95 Resp: 434126
 Ion Ratio Lower Upper
 95 100
 174 76.2 0.0 152.4
 176 72.2 0.0 144.4

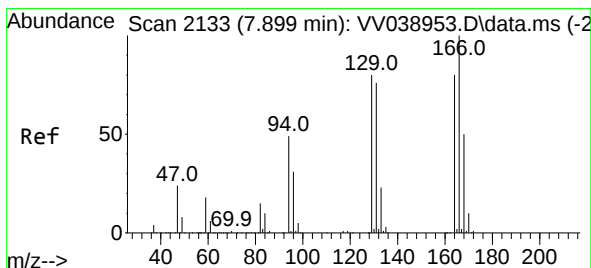
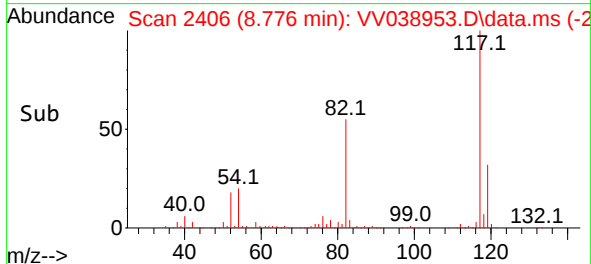
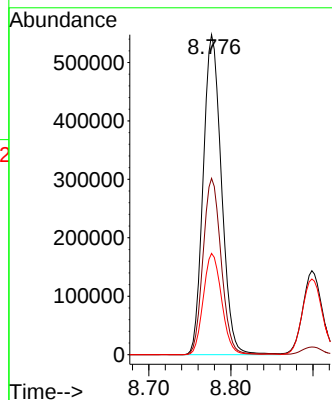
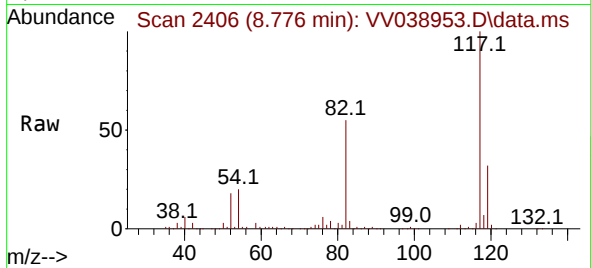




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

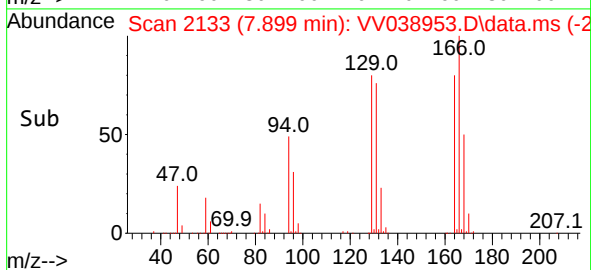
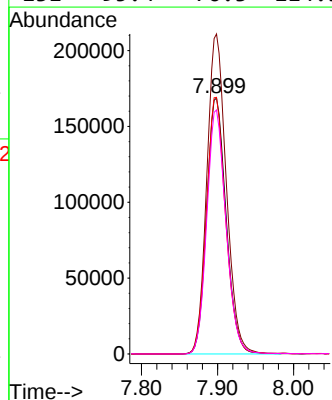
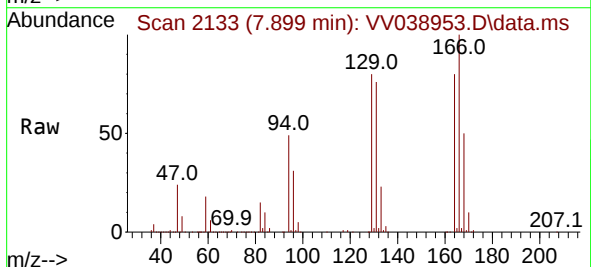
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

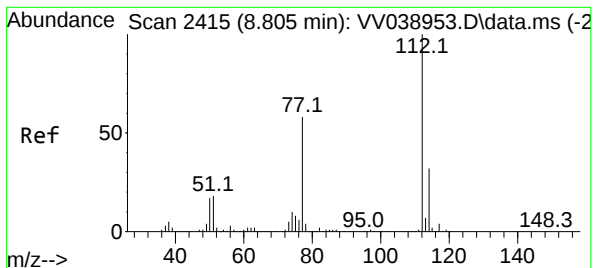
Tgt Ion:117 Resp: 846951
Ion Ratio Lower Upper
117 100
82 55.1 44.1 66.1
119 31.7 25.4 38.0



#64
Tetrachloroethene
Concen: 46.876 ug/l
RT: 7.899 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

Tgt Ion:164 Resp: 300382
Ion Ratio Lower Upper
164 100
166 125.1 100.1 150.1
129 100.3 80.2 120.4
131 95.4 76.3 114.5





#65

Chlorobenzene

Concen: 46.879 ug/l

RT: 8.805 min Scan# 2415

Delta R.T. 0.000 min

Lab File: VV038953.D

Acq: 13 Aug 2025 15:24

Instrument :

MSVOA_V

ClientSampleId :

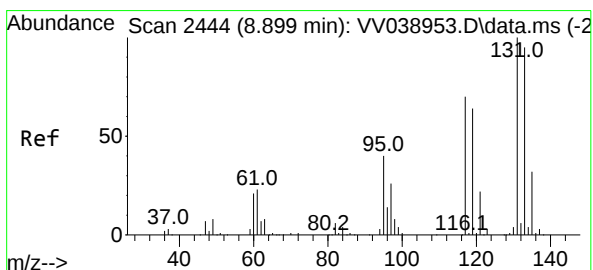
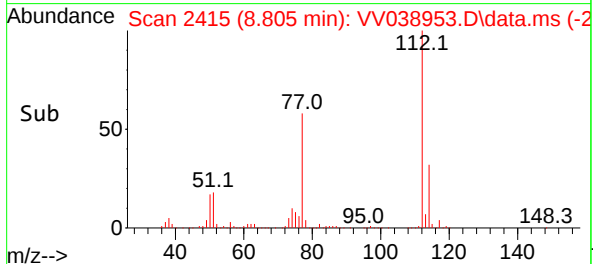
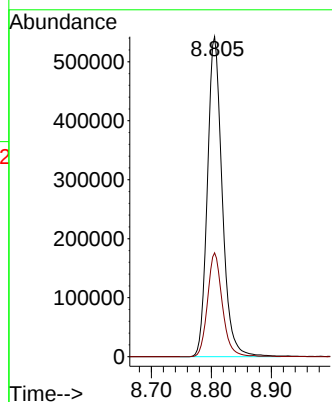
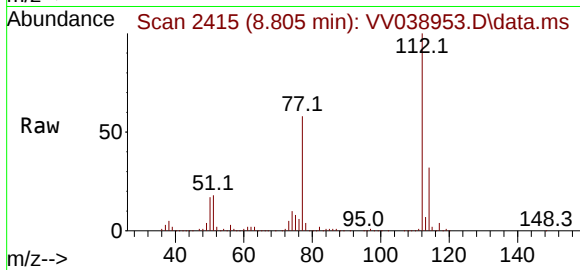
VSTDICCC050

Tgt Ion:112 Resp: 932118

Ion Ratio Lower Upper

112 100

114 32.4 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 48.810 ug/l

RT: 8.899 min Scan# 2444

Delta R.T. 0.000 min

Lab File: VV038953.D

Acq: 13 Aug 2025 15:24

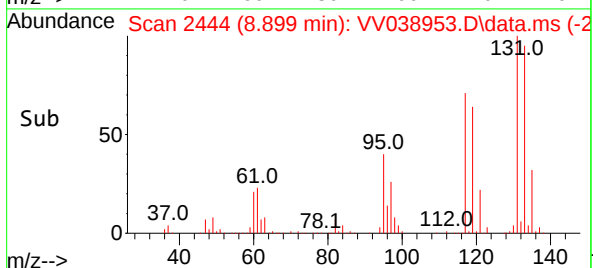
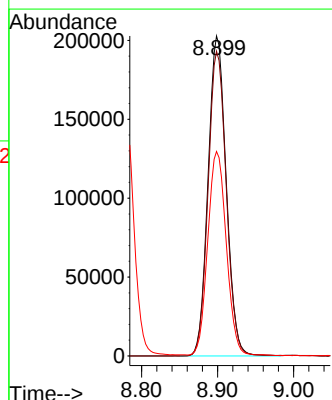
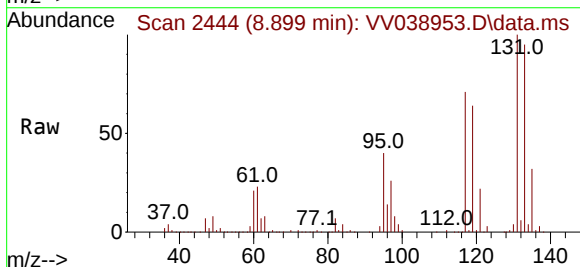
Tgt Ion:131 Resp: 337306

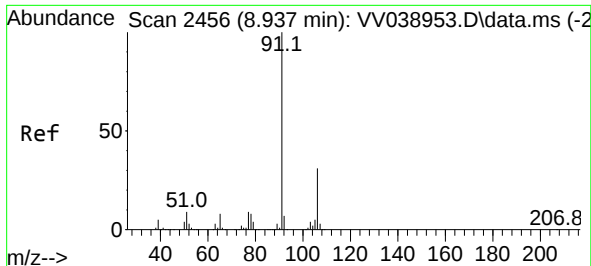
Ion Ratio Lower Upper

131 100

133 95.1 47.5 142.6

119 64.5 32.3 96.8





#67

Ethyl Benzene

Concen: 53.373 ug/l

RT: 8.937 min Scan# 2456

Delta R.T. 0.000 min

Lab File: VV038953.D

Acq: 13 Aug 2025 15:24

Instrument :

MSVOA_V

ClientSampleId :

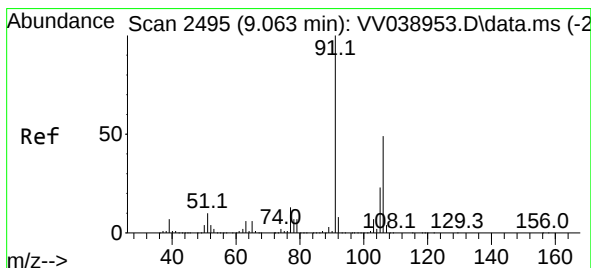
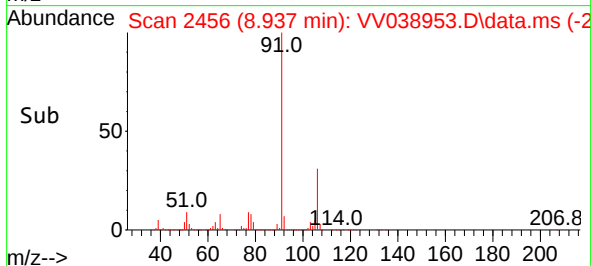
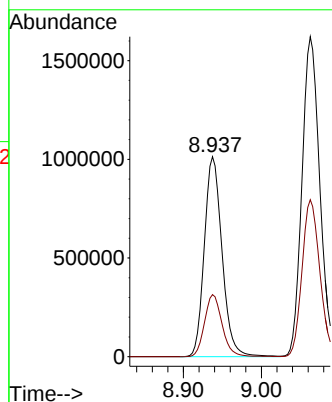
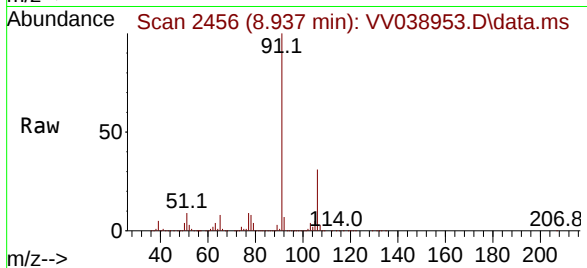
VSTDICCC050

Tgt Ion: 91 Resp: 1602999

Ion Ratio Lower Upper

91 100

106 31.1 24.9 37.3



#68

m/p-Xylenes

Concen: 108.150 ug/l

RT: 9.063 min Scan# 2495

Delta R.T. 0.000 min

Lab File: VV038953.D

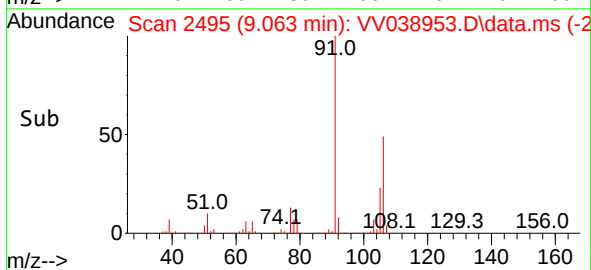
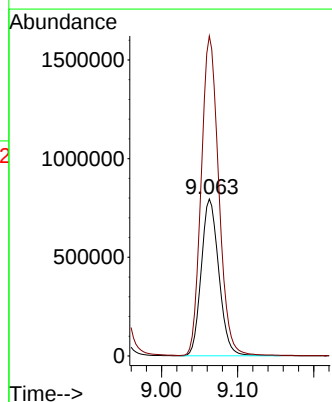
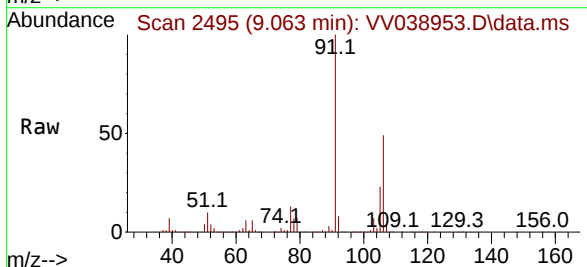
Acq: 13 Aug 2025 15:24

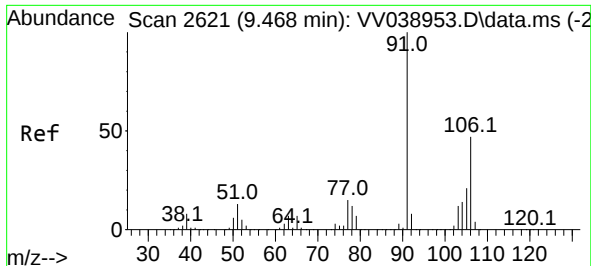
Tgt Ion: 106 Resp: 1271917

Ion Ratio Lower Upper

106 100

91 203.8 163.0 244.6

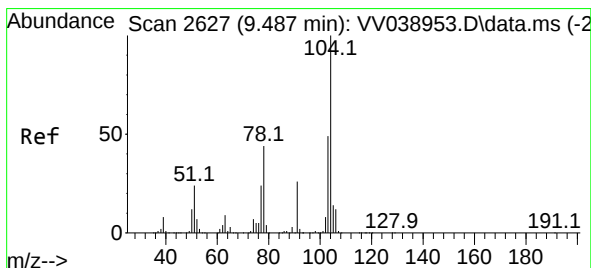
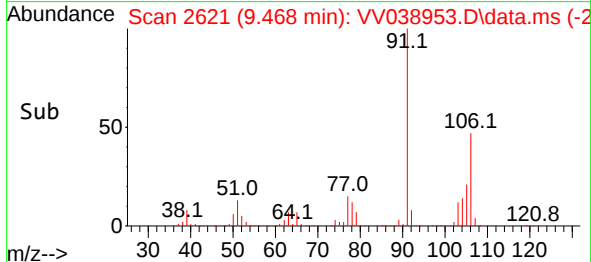
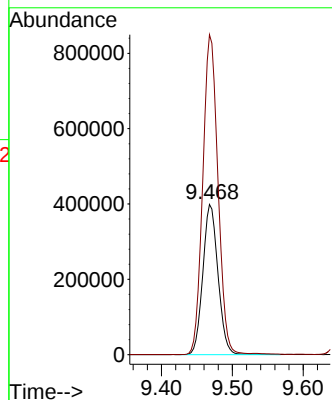
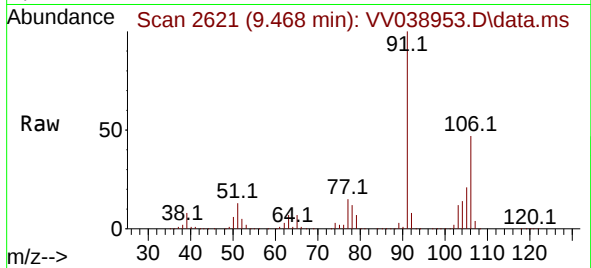




#69
o-Xylene
Concen: 54.712 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

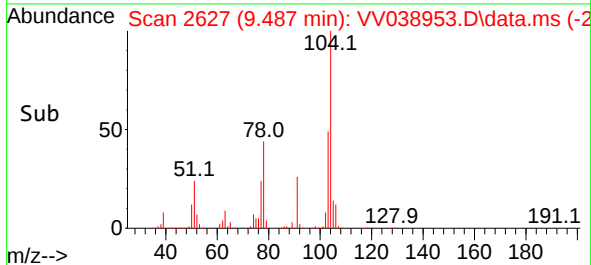
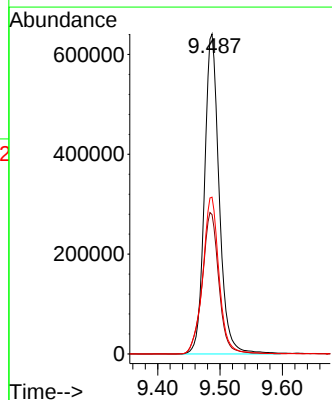
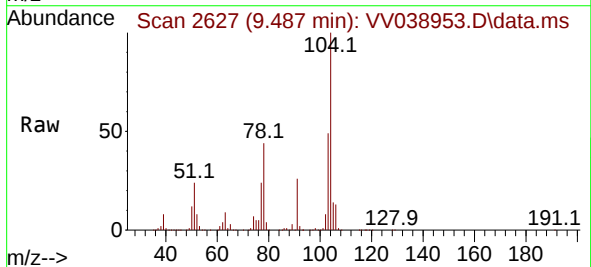
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

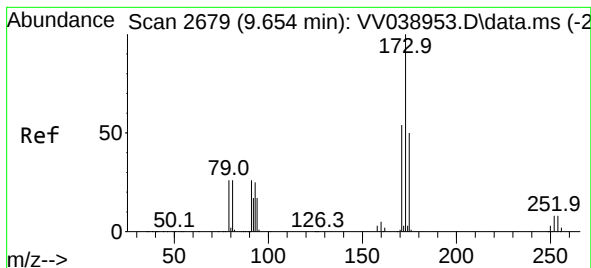
Tgt Ion:106 Resp: 591035
Ion Ratio Lower Upper
106 100
91 213.6 106.8 320.4



#70
Styrene
Concen: 56.033 ug/l
RT: 9.487 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

Tgt Ion:104 Resp: 1053750
Ion Ratio Lower Upper
104 100
78 49.7 39.8 59.6
103 54.3 43.4 65.2





#71

Bromoform

Concen: 50.048 ug/l

RT: 9.654 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV038953.D

Acq: 13 Aug 2025 15:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

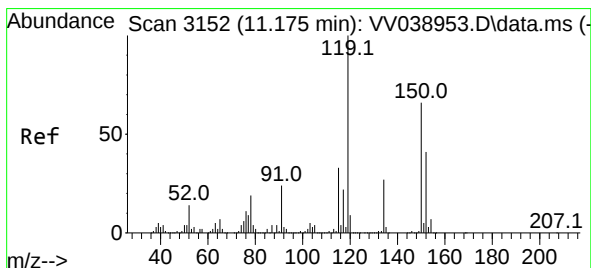
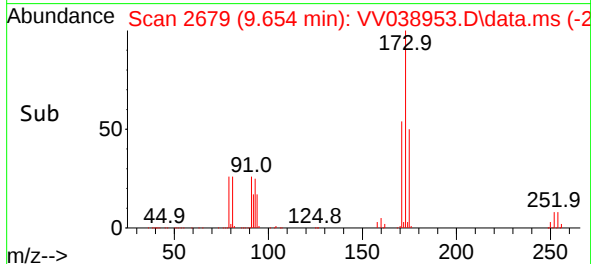
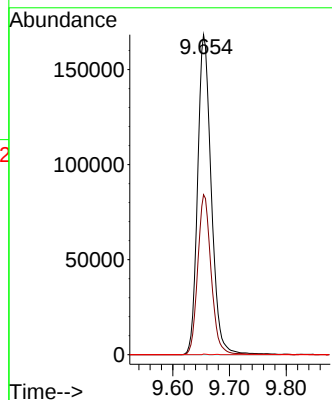
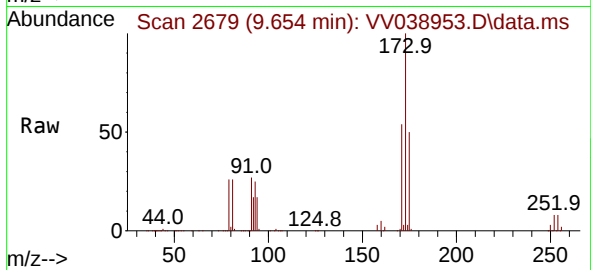
Tgt Ion:173 Resp: 281048

Ion Ratio Lower Upper

173 100

175 48.8 24.4 73.2

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.175 min Scan# 3152

Delta R.T. 0.000 min

Lab File: VV038953.D

Acq: 13 Aug 2025 15:24

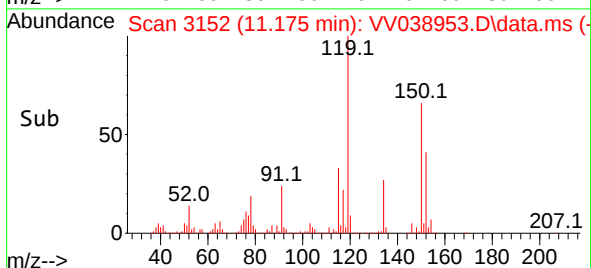
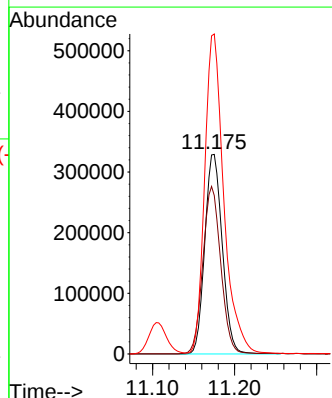
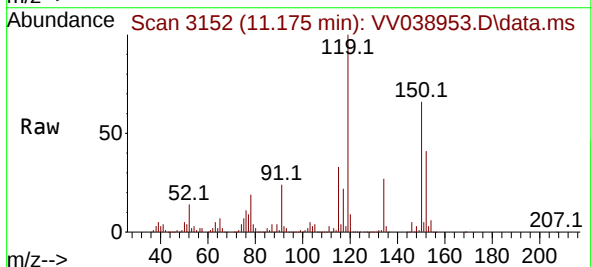
Tgt Ion:152 Resp: 487801

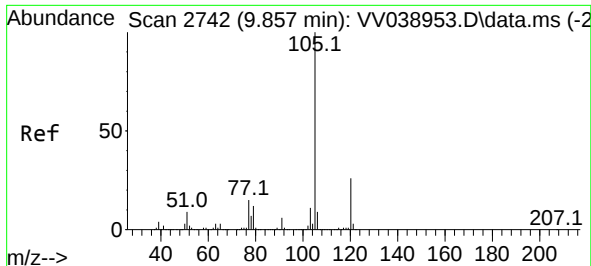
Ion Ratio Lower Upper

152 100

115 85.5 42.8 128.3

150 174.8 0.0 349.6

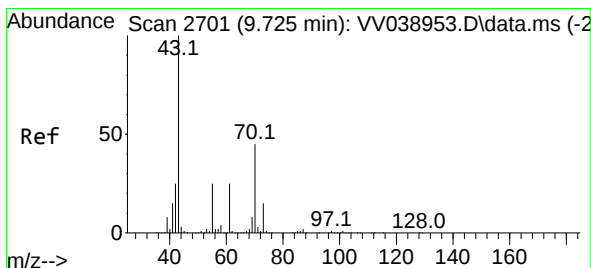
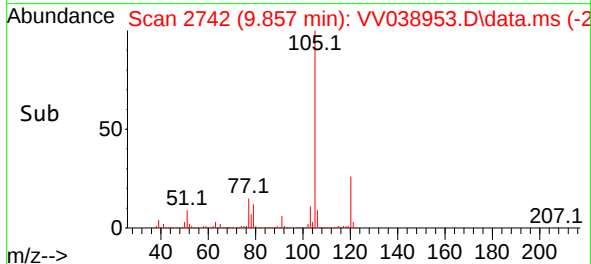
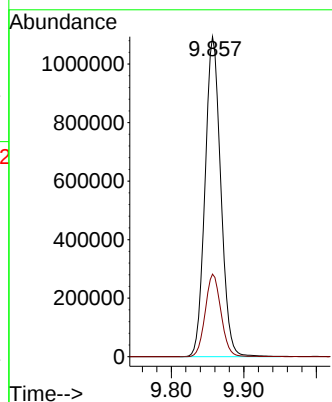
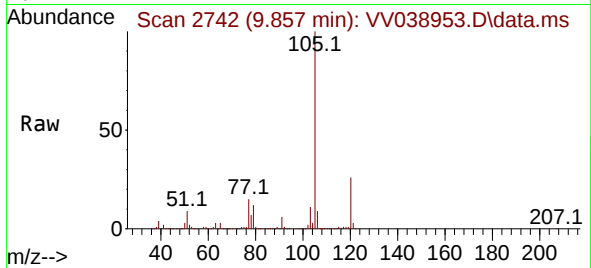




#73
Isopropylbenzene
Concen: 52.705 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

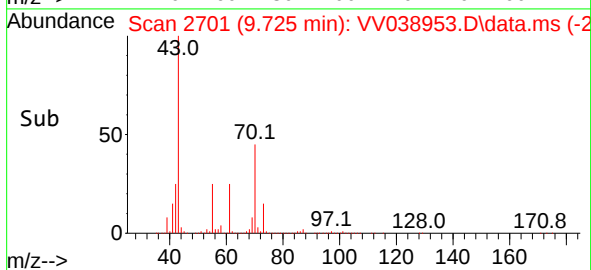
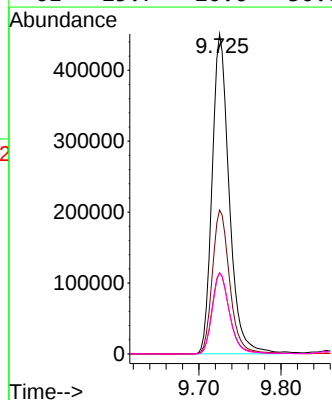
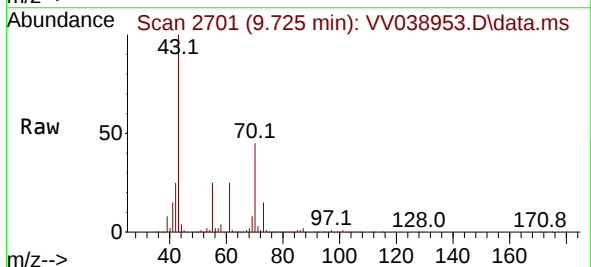
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

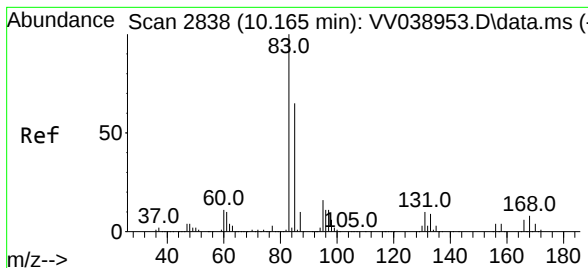
Tgt Ion:105 Resp: 1646216
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.7



#74
N-ethyl acetate
Concen: 54.000 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

Tgt Ion: 43 Resp: 651414
Ion Ratio Lower Upper
43 100
70 46.2 37.0 55.4
55 26.2 21.0 31.4
61 25.7 20.6 30.8

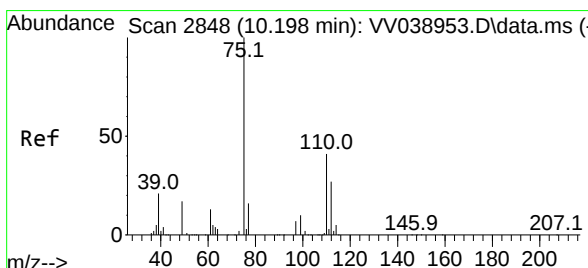
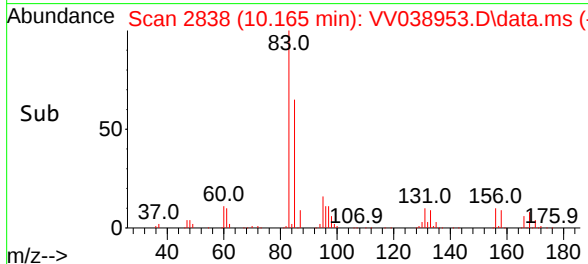
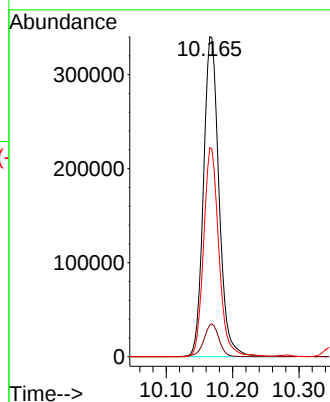
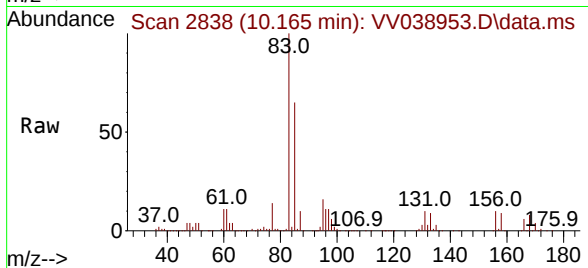




#75
1,1,2,2-Tetrachloroethane
Concen: 45.634 ug/l
RT: 10.165 min Scan# 2838
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

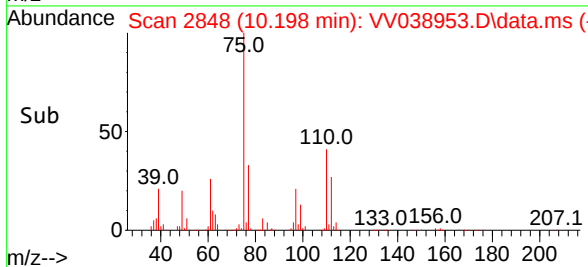
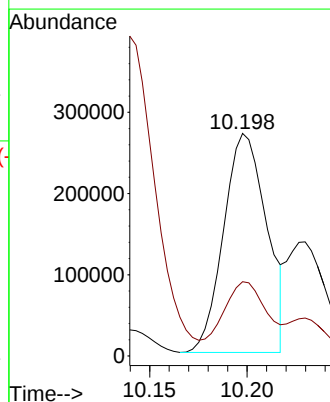
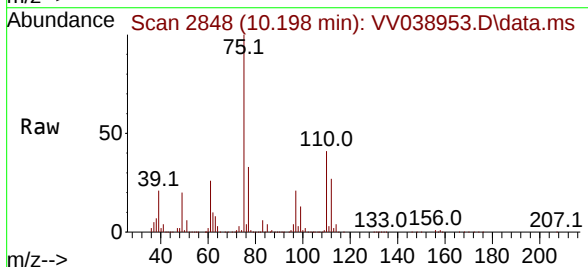
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

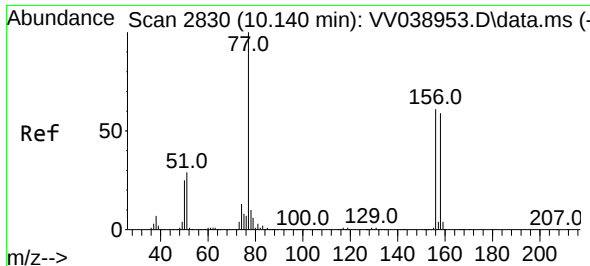
Tgt Ion: 83 Resp: 553099
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 64.2 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 45.160 ug/l
RT: 10.198 min Scan# 2848
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

Tgt Ion: 75 Resp: 415222
Ion Ratio Lower Upper
75 100
77 23.6 11.8 35.4

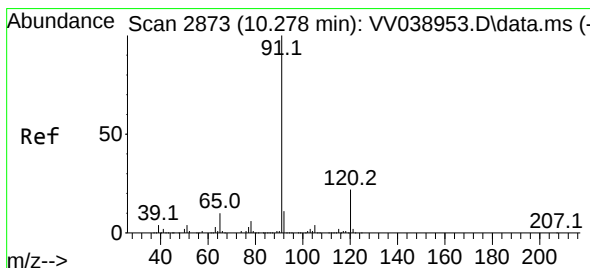
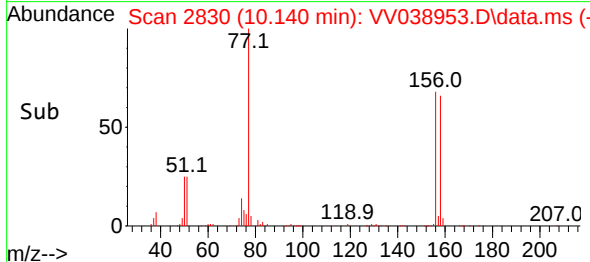
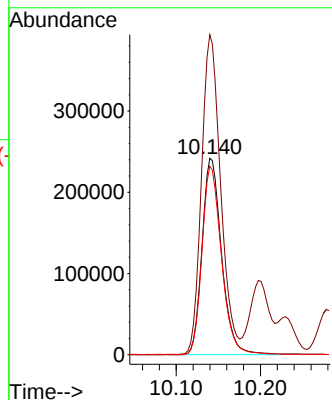
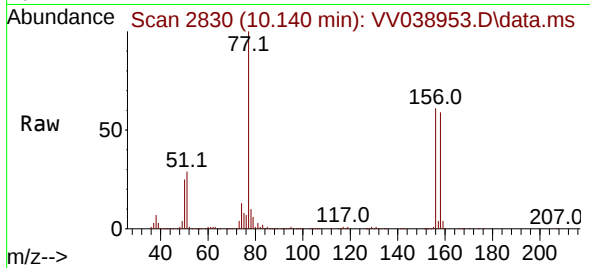




#77
Bromobenzene
Concen: 48.309 ug/l
RT: 10.140 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

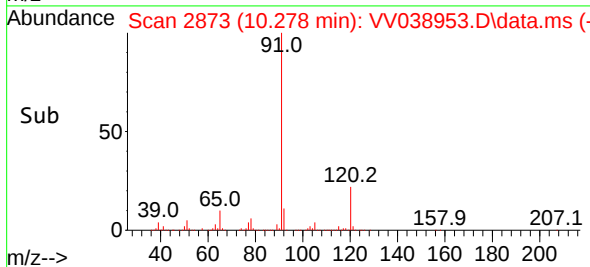
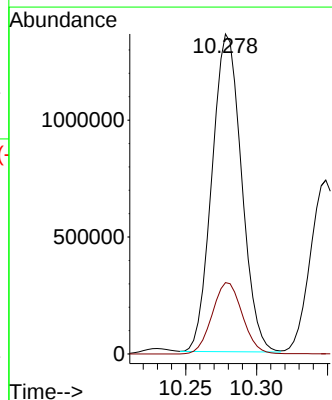
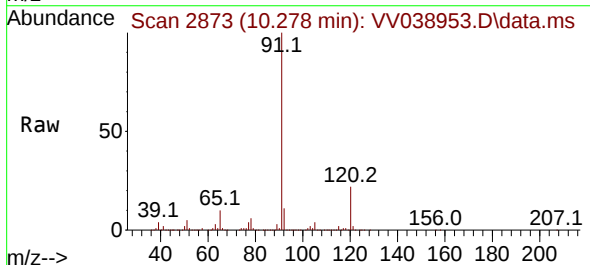
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

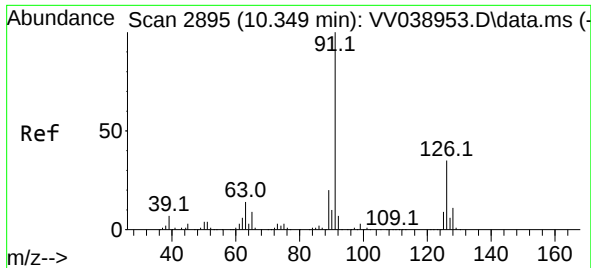
Tgt Ion:156 Resp: 390342
Ion Ratio Lower Upper
156 100
77 159.2 79.6 238.8
158 95.6 47.8 143.4



#78
n-propylbenzene
Concen: 52.778 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

Tgt Ion: 91 Resp: 1972691
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.5

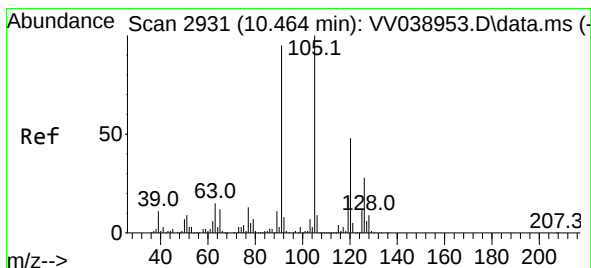
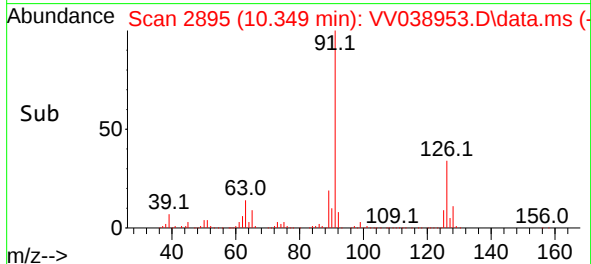
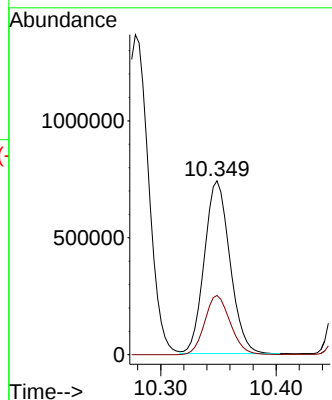
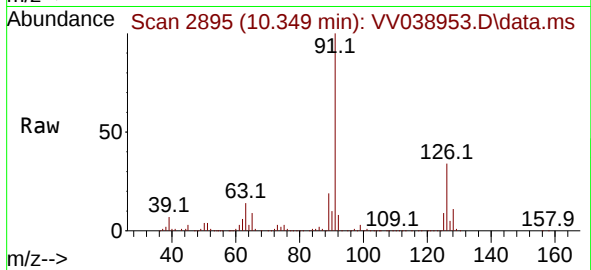




#79
2-Chlorotoluene
Concen: 49.848 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

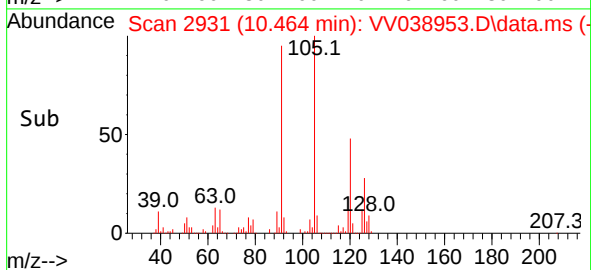
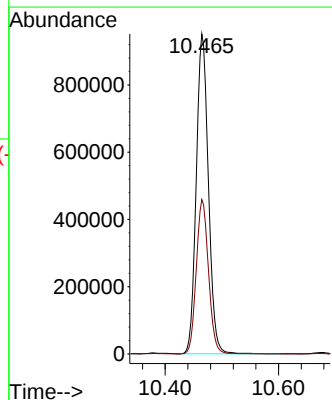
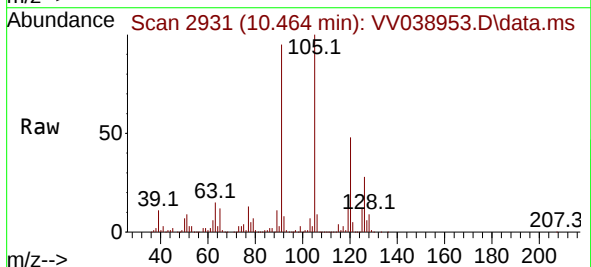
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

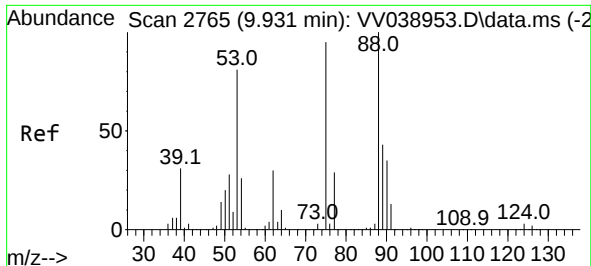
Tgt Ion: 91 Resp: 1138901
Ion Ratio Lower Upper
91 100
126 34.2 17.1 51.3



#80
1,3,5-Trimethylbenzene
Concen: 53.554 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

Tgt Ion: 105 Resp: 1411356
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.9

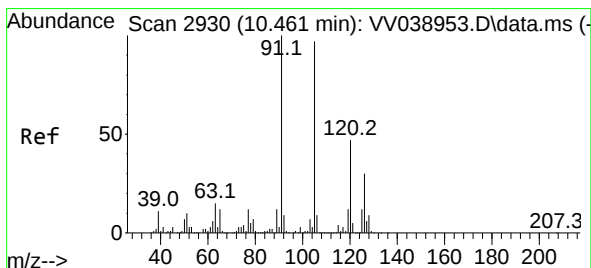
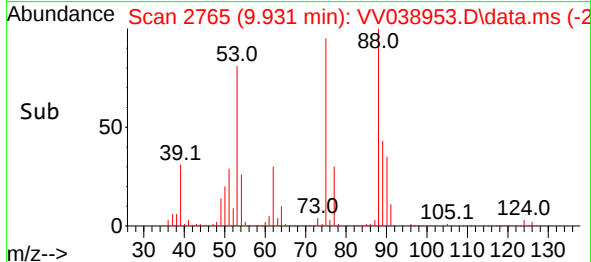
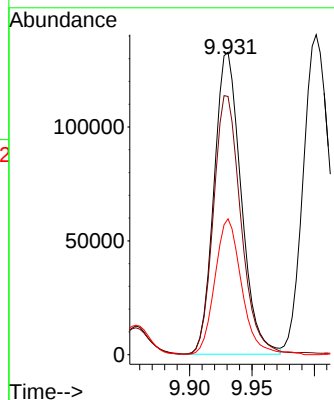
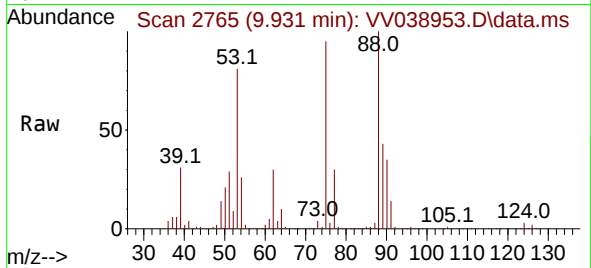




#81
trans-1,4-Dichloro-2-butene
Concen: 53.582 ug/l
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

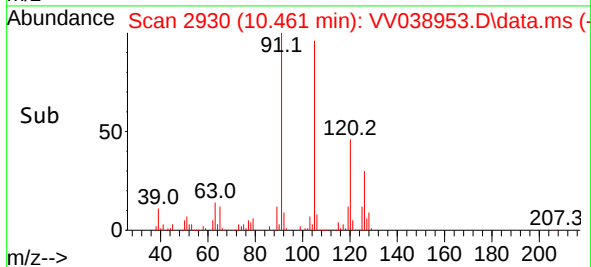
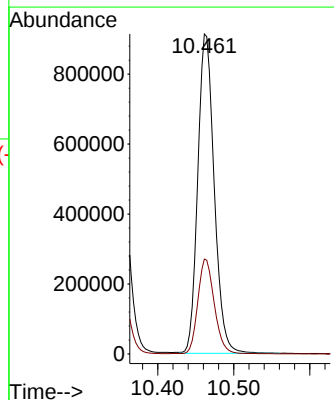
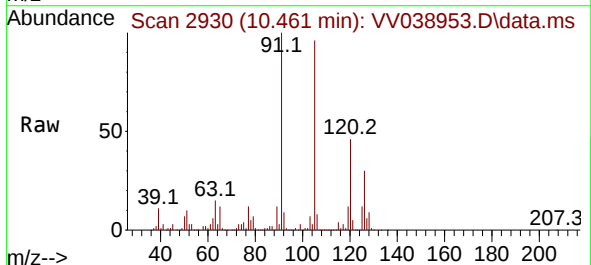
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

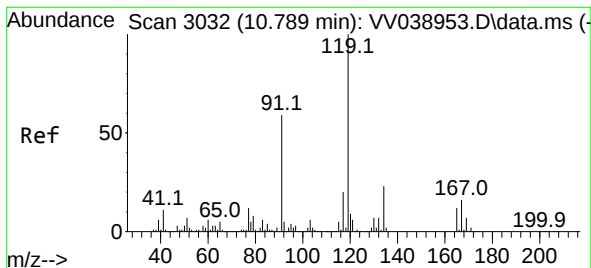
Tgt Ion: 75 Resp: 200975
Ion Ratio Lower Upper
75 100
53 86.6 69.3 103.9
89 44.7 35.8 53.6



#82
4-Chlorotoluene
Concen: 51.985 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

Tgt Ion: 91 Resp: 1368178
Ion Ratio Lower Upper
91 100
126 29.5 14.8 44.3





#83

tert-Butylbenzene

Concen: 51.930 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV038953.D

Acq: 13 Aug 2025 15:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

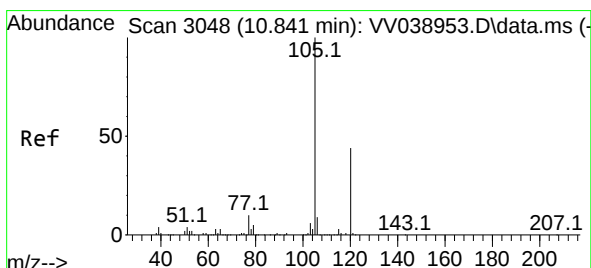
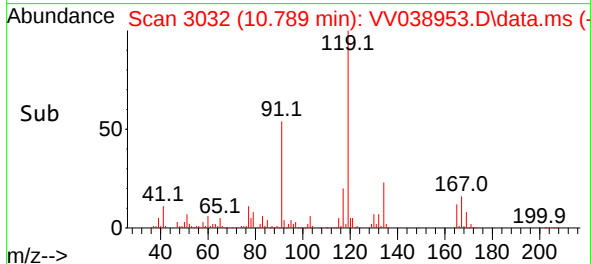
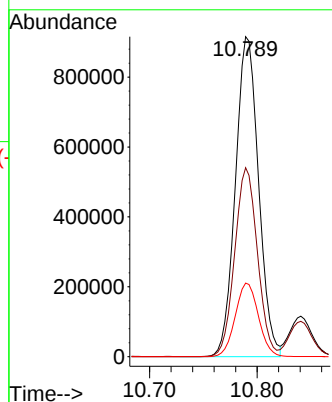
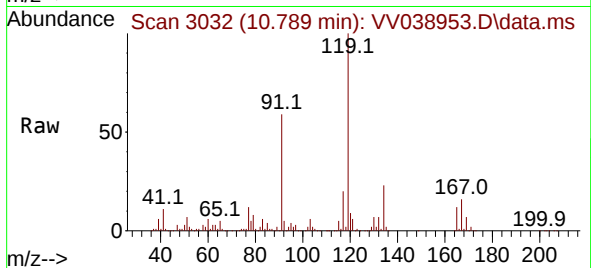
Tgt Ion:119 Resp: 1372219

Ion Ratio Lower Upper

119 100

91 57.7 28.8 86.5

134 23.0 11.5 34.5



#84

1,2,4-Trimethylbenzene

Concen: 54.310 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VV038953.D

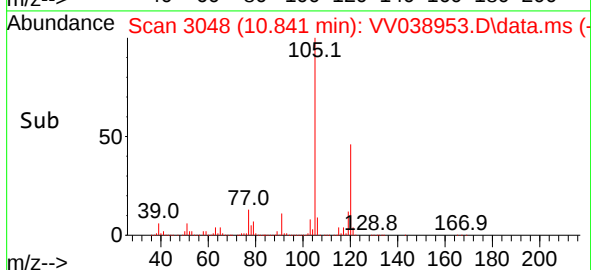
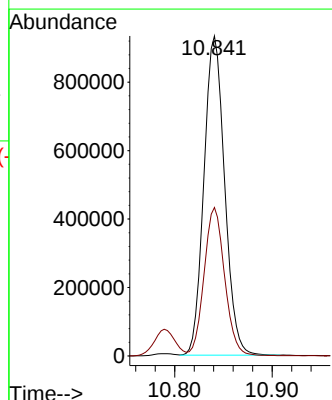
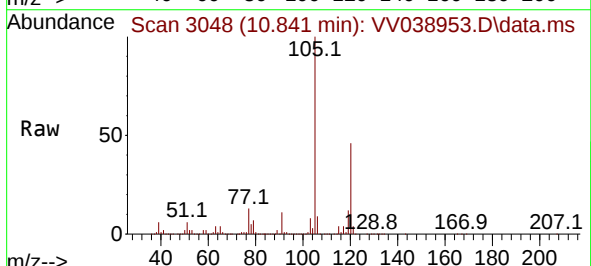
Acq: 13 Aug 2025 15:24

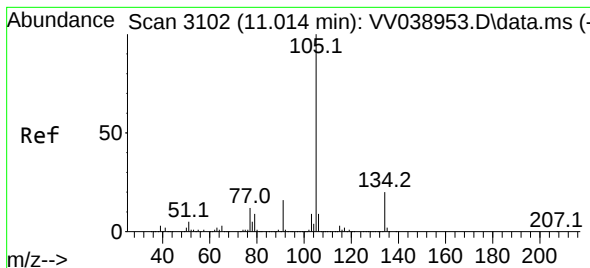
Tgt Ion:105 Resp: 1376576

Ion Ratio Lower Upper

105 100

120 46.3 23.2 69.5





#85

sec-Butylbenzene

Concen: 52.957 ug/l

RT: 11.014 min Scan# 3102

Delta R.T. 0.000 min

Lab File: VV038953.D

Acq: 13 Aug 2025 15:24

Instrument :

MSVOA_V

ClientSampleId :

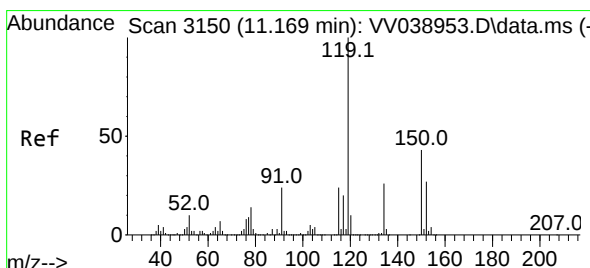
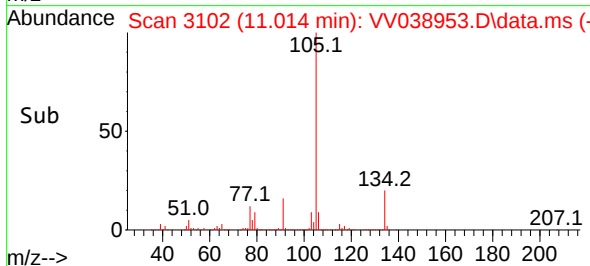
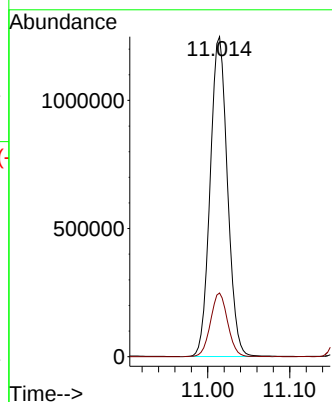
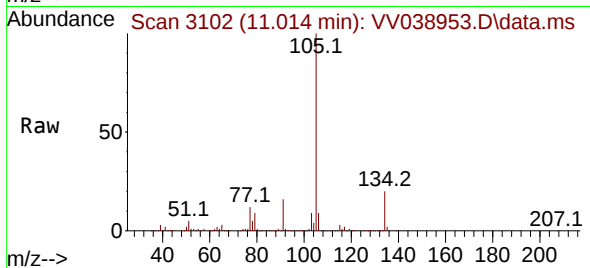
VSTDICCC050

Tgt Ion:105 Resp: 1825896

Ion Ratio Lower Upper

105 100

134 19.8 9.9 29.7



#86

p-Isopropyltoluene

Concen: 52.740 ug/l

RT: 11.169 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VV038953.D

Acq: 13 Aug 2025 15:24

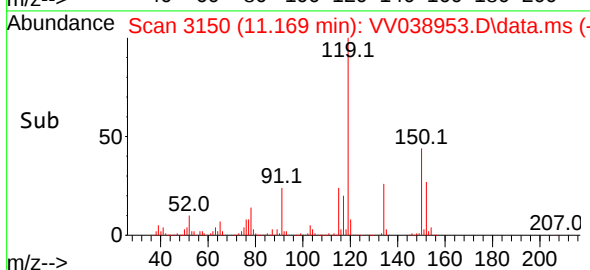
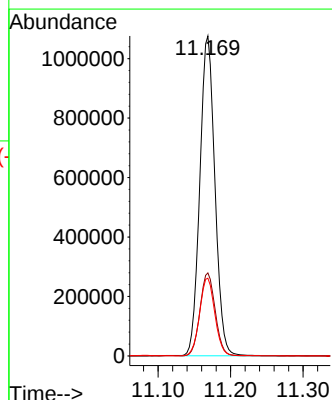
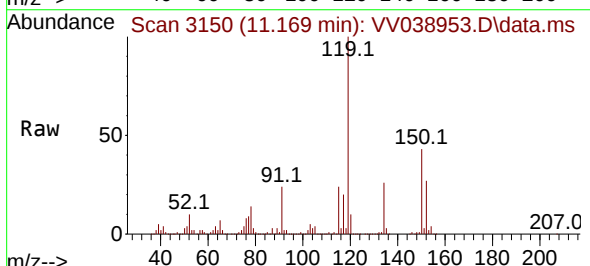
Tgt Ion:119 Resp: 1553360

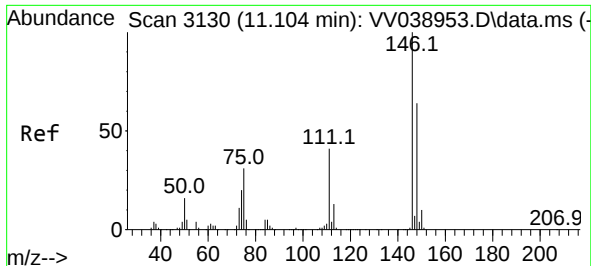
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 24.4 12.2 36.6

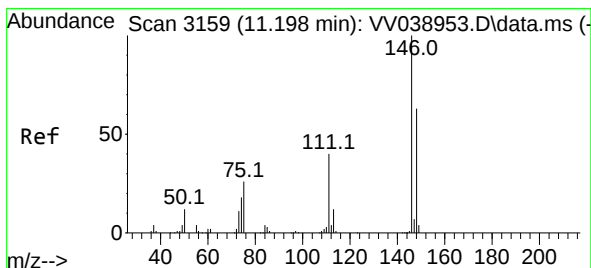
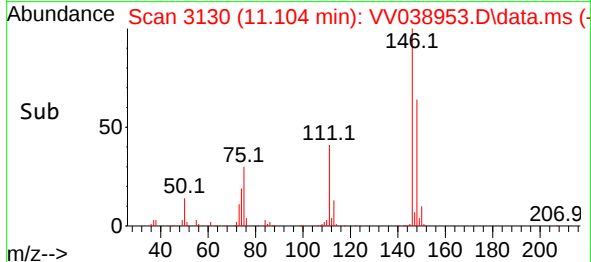
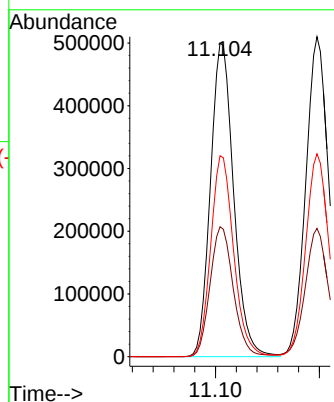
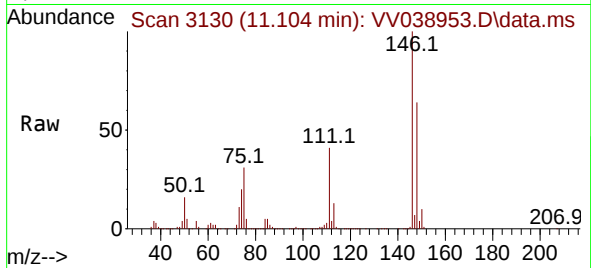




#87
1,3-Dichlorobenzene
Concen: 46.745 ug/l
RT: 11.104 min Scan# 3130
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

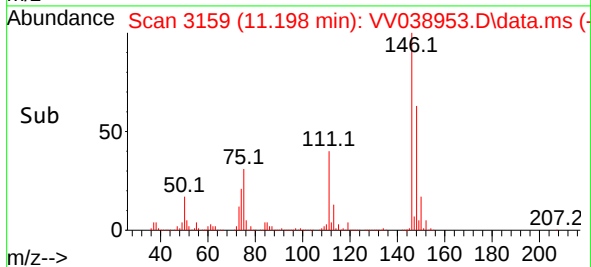
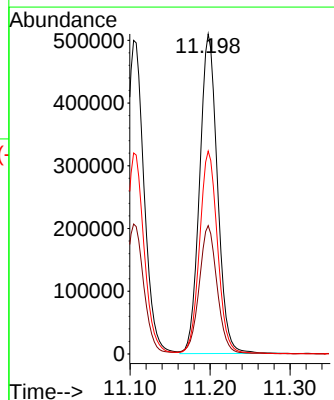
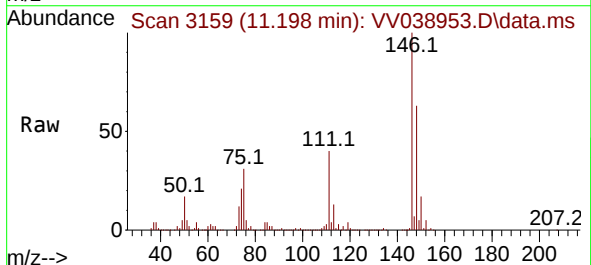
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

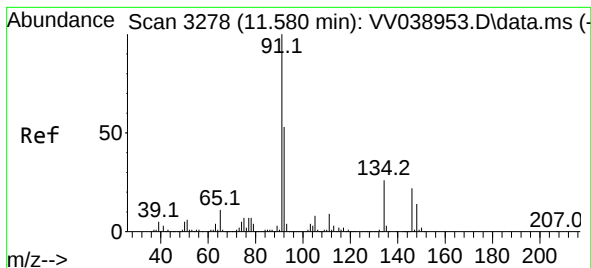
Tgt Ion:146 Resp: 774295
Ion Ratio Lower Upper
146 100
111 41.6 20.8 62.4
148 63.5 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 43.970 ug/l
RT: 11.198 min Scan# 3159
Delta R.T. 0.000 min
Lab File: VV038953.D
Acq: 13 Aug 2025 15:24

Tgt Ion:146 Resp: 790943
Ion Ratio Lower Upper
146 100
111 40.1 20.1 60.2
148 63.4 31.7 95.1





#89

n-Butylbenzene

Concen: 53.764 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038953.D

Acq: 13 Aug 2025 15:24

Instrument :

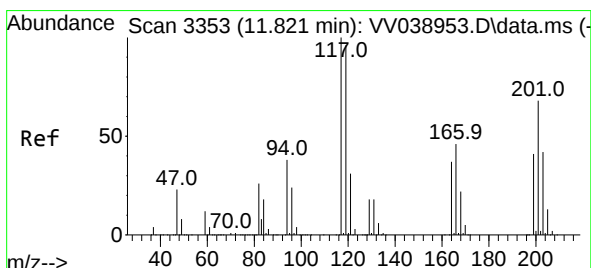
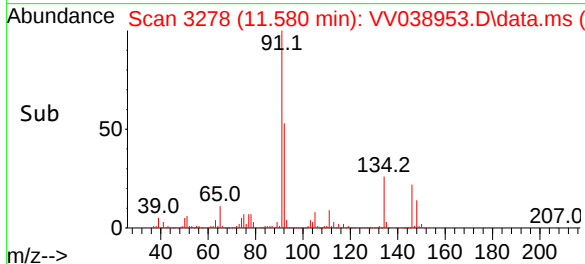
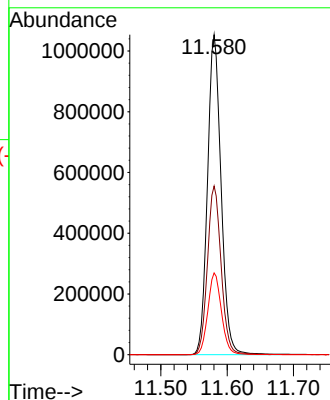
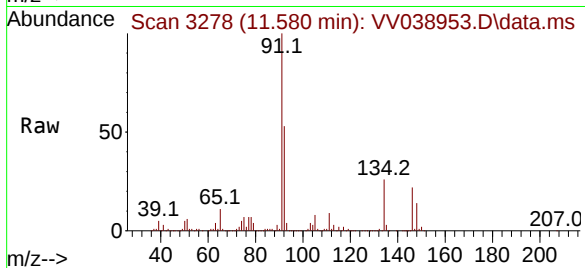
MSVOA_V

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 1496825

Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.6	79.8
134	25.5	12.8	38.3



#90

Hexachloroethane

Concen: 47.398 ug/l

RT: 11.821 min Scan# 3353

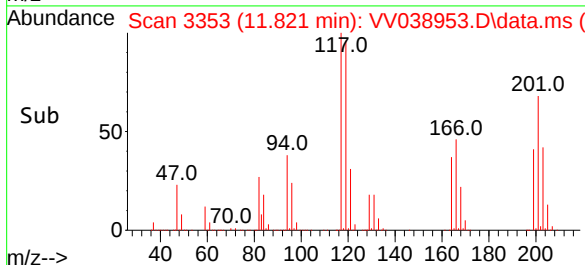
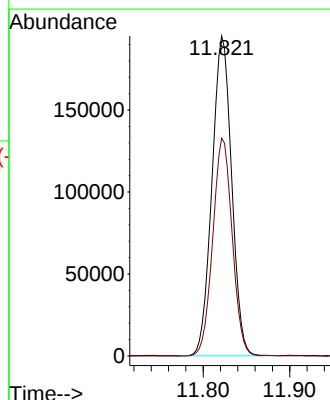
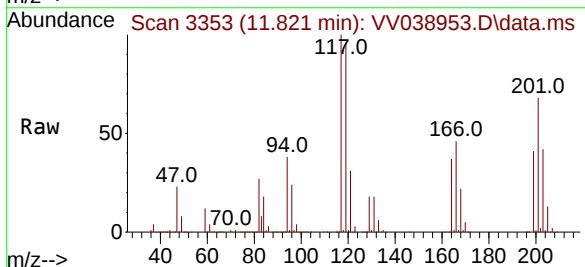
Delta R.T. 0.000 min

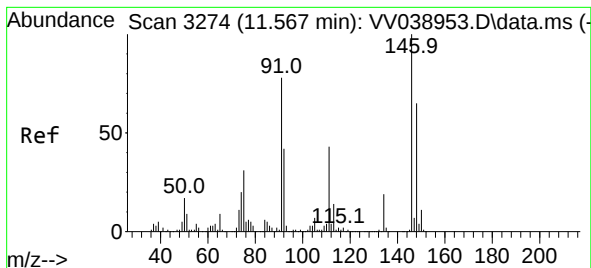
Lab File: VV038953.D

Acq: 13 Aug 2025 15:24

Tgt Ion: 117 Resp: 307051

Ion	Ratio	Lower	Upper
117	100		
201	67.4	33.7	101.1





#91

1,2-Dichlorobenzene

Concen: 47.810 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038953.D

Acq: 13 Aug 2025 15:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

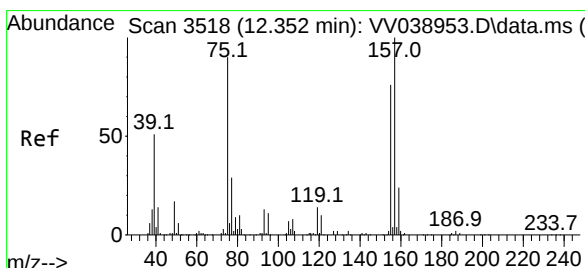
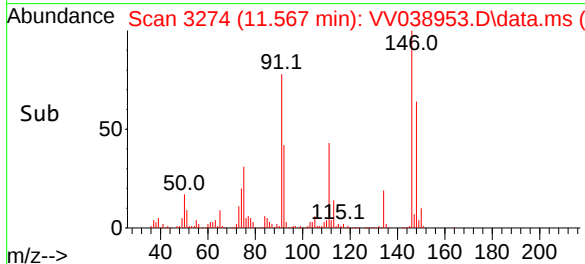
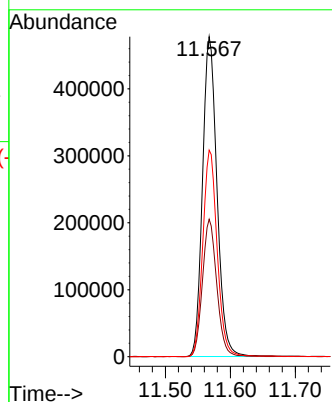
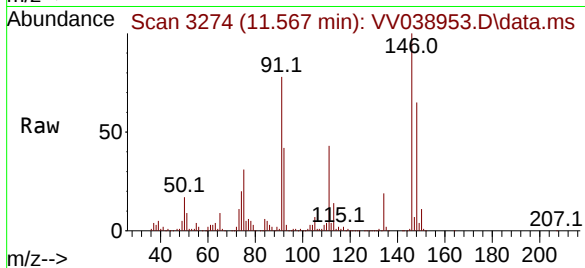
Tgt Ion:146 Resp: 742079

Ion Ratio Lower Upper

146 100

111 42.5 21.3 63.7

148 64.1 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.588 ug/l

RT: 12.352 min Scan# 3518

Delta R.T. 0.000 min

Lab File: VV038953.D

Acq: 13 Aug 2025 15:24

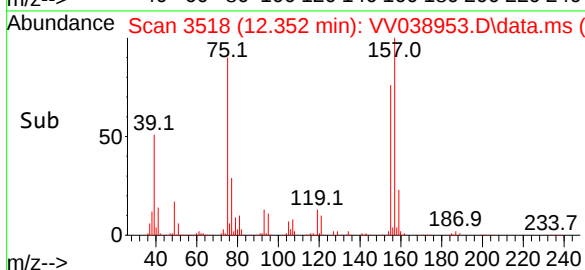
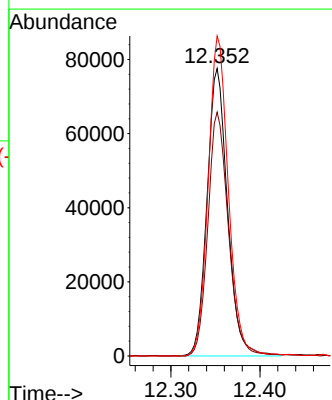
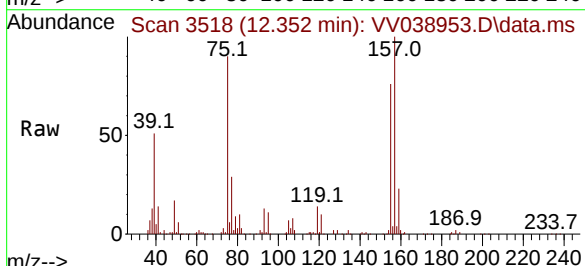
Tgt Ion: 75 Resp: 124095

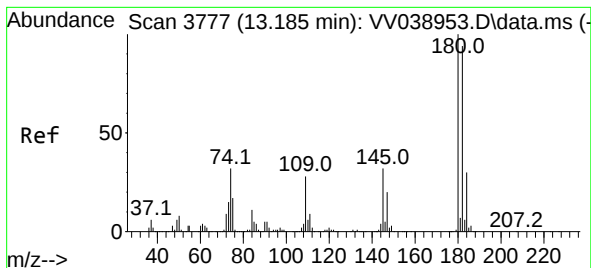
Ion Ratio Lower Upper

75 100

155 84.5 42.3 126.8

157 109.4 54.7 164.1





#93

1,2,4-Trichlorobenzene

Concen: 49.739 ug/l

RT: 13.185 min Scan# 3777

Delta R.T. 0.000 min

Lab File: VV038953.D

Acq: 13 Aug 2025 15:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

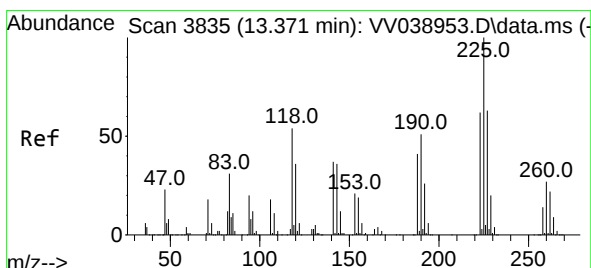
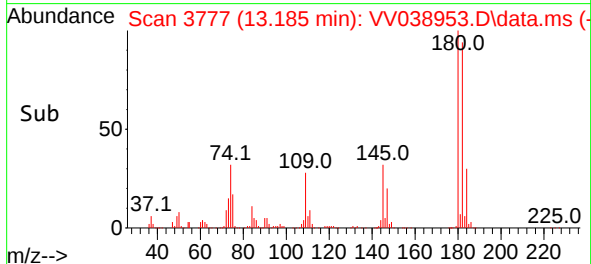
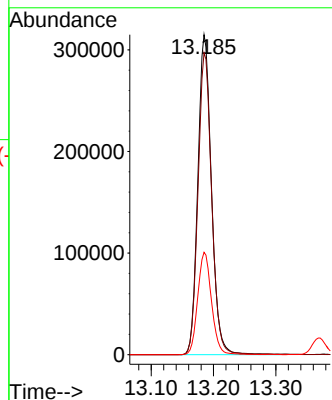
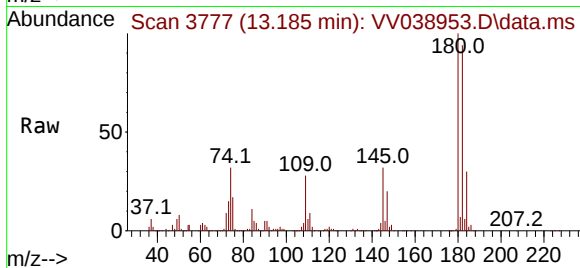
Tgt Ion:180 Resp: 476435

Ion Ratio Lower Upper

180 100

182 94.6 47.3 141.9

145 32.5 16.3 48.8



#94

Hexachlorobutadiene

Concen: 45.098 ug/l

RT: 13.371 min Scan# 3835

Delta R.T. 0.000 min

Lab File: VV038953.D

Acq: 13 Aug 2025 15:24

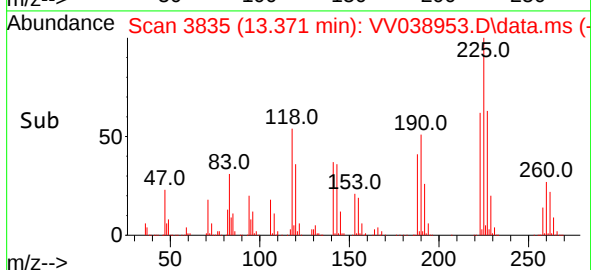
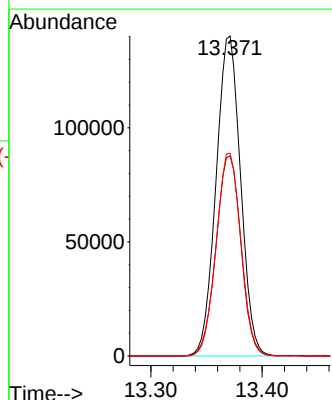
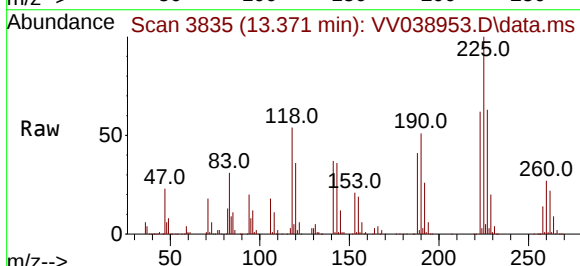
Tgt Ion:225 Resp: 214652

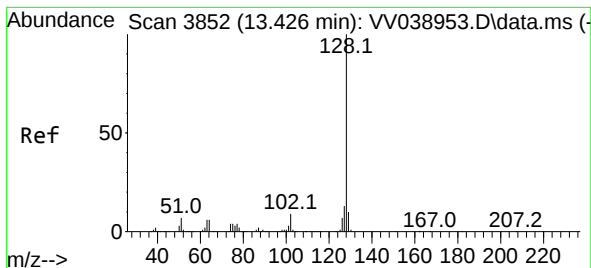
Ion Ratio Lower Upper

225 100

223 63.3 31.6 95.0

227 64.0 32.0 96.0





#95

Naphthalene

Concen: 55.050 ug/l

RT: 13.426 min Scan# 3852

Delta R.T. 0.000 min

Lab File: VV038953.D

Acq: 13 Aug 2025 15:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

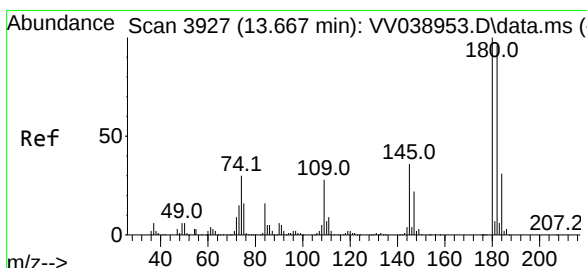
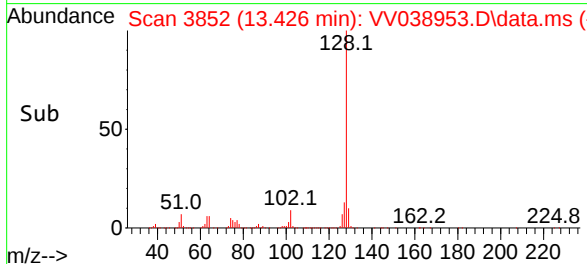
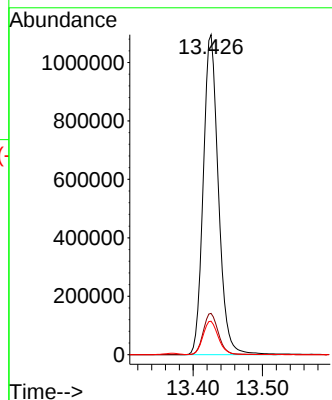
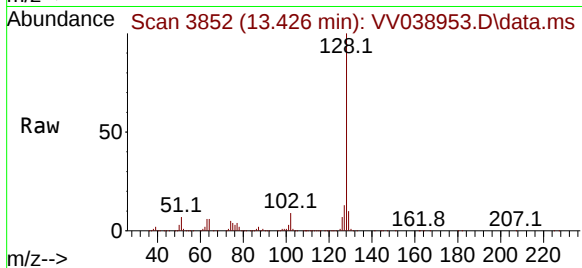
Tgt Ion:128 Resp: 1657670

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.6 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 49.534 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. 0.000 min

Lab File: VV038953.D

Acq: 13 Aug 2025 15:24

Tgt Ion:180 Resp: 480278

Ion Ratio Lower Upper

180 100

182 96.0 48.0 144.0

145 35.1 17.5 52.6

