

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV081325\
 Data File : VV038950.D
 Acq On : 13 Aug 2025 14:11
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 14 01:44:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V081325W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 14 01:39:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	419645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	615491	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	581904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	360676	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	267044	44.732	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	89.460%
35) Dibromofluoromethane	4.500	113	212872	46.187	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	92.380%
50) Toluene-d8	7.236	98	750904	47.200	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	94.400%
62) 4-Bromofluorobenzene	10.001	95	292859	50.778	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	101.560%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.121	85	364272	102.239	ug/l	100
3) Chloromethane	1.230	50	356859	103.252	ug/l	100
4) Vinyl Chloride	1.294	62	407436	98.702	ug/l	100
5) Bromomethane	1.487	94	263536	83.155	ug/l	100
6) Chloroethane	1.555	64	245204	87.234	ug/l	100
7) Trichlorofluoromethane	1.722	101	552012	75.292	ug/l	100
8) Diethyl Ether	1.918	74	122220	49.681	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.079	101	195052	46.547	ug/l	100
10) Methyl Iodide	2.195	142	327403	74.741	ug/l	100
11) Tert butyl alcohol	2.571	59	197735	200.738	ug/l	100
12) 1,1-Dichloroethene	2.082	96	193853	54.290	ug/l	100
13) Acrolein	2.008	56	88953	122.900	ug/l	100
14) Allyl chloride	2.355	41	216267	36.996	ug/l	100
15) Acrylonitrile	2.674	53	462197	178.460	ug/l	100
16) Acetone	2.117	43	394135	187.547	ug/l	100
17) Carbon Disulfide	2.249	76	513392	80.267	ug/l	100
18) Methyl Acetate	2.378	43	158764	23.170	ug/l	100
19) Methyl tert-butyl Ether	2.712	73	638561	45.173	ug/l	100
20) Methylene Chloride	2.455	84	196843	39.742	ug/l	100
21) trans-1,2-Dichloroethene	2.699	96	200716	52.033	ug/l	100
22) Diisopropyl ether	3.214	45	509790	42.902	ug/l	100
23) Vinyl Acetate	3.188	43	2244898	246.911	ug/l	100
24) 1,1-Dichloroethane	3.117	63	317531	41.229	ug/l	100
25) 2-Butanone	3.867	43	613352	228.707	ug/l	100
26) 2,2-Dichloropropane	3.812	77	379591	53.263	ug/l	100
27) cis-1,2-Dichloroethene	3.818	96	250223	54.225	ug/l	100
28) Bromochloromethane	4.146	49	80875	32.084	ug/l	100
29) Tetrahydrofuran	4.236	42	384985	219.856	ug/l	100
30) Chloroform	4.275	83	425146	49.355	ug/l	100
31) Cyclohexane	4.580	56	303704	58.854	ug/l	100
32) 1,1,1-Trichloroethane	4.510	97	418860	55.281	ug/l	100
36) 1,1-Dichloropropene	4.744	75	270206	62.063	ug/l	100
37) Ethyl Acetate	3.973	43	246632	44.925	ug/l	100
38) Carbon Tetrachloride	4.731	117	383600	66.014	ug/l	100
39) Methylcyclohexane	6.047	83	376577	76.063	ug/l	100
40) Benzene	5.008	78	831929	59.028	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.159	41	113890	52.332	ug/l	100
42) 1,2-Dichloroethane	5.040	62	318936	58.006	ug/l	100
43) Isopropyl Acetate	5.194	43	381710	50.458	ug/l	100
44) Trichloroethene	5.828	130	231454	60.877	ug/l	100
45) 1,2-Dichloropropane	6.088	63	179819	47.667	ug/l	100
46) Dibromomethane	6.223	93	158689	55.193	ug/l	100
47) Bromodichloromethane	6.426	83	332266	52.483	ug/l	100
48) Methyl methacrylate	6.294	41	179945	53.835	ug/l	100
49) 1,4-Dioxane	6.288	88	81201	1135.410	ug/l	100
51) 4-Methyl-2-Pentanone	7.149	43	1234456	240.137	ug/l	100
52) Toluene	7.307	92	560394	62.920	ug/l	100
53) t-1,3-Dichloropropene	7.574	75	329322	58.880	ug/l	100
54) cis-1,3-Dichloropropene	6.947	75	341514	56.129	ug/l	100
55) 1,1,2-Trichloroethane	7.760	97	211658	50.189	ug/l	100
56) Ethyl methacrylate	7.715	69	314466	63.072	ug/l	100
57) 1,3-Dichloropropane	7.934	76	334389	51.894	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.812	63	724369	289.635	ug/l	100
59) 2-Hexanone	8.063	43	956732	256.899	ug/l	100
60) Dibromochloromethane	8.169	129	281410	53.945	ug/l	100
61) 1,2-Dibromoethane	8.275	107	235110	55.334	ug/l	100
64) Tetrachloroethene	7.895	164	220346	61.515	ug/l	100
65) Chlorobenzene	8.805	112	650792	56.017	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.899	131	242908	53.489	ug/l	100
67) Ethyl Benzene	8.937	91	1099730	63.704	ug/l	100
68) m/p-Xylenes	9.063	106	885883	132.954	ug/l	100
69) o-Xylene	9.468	106	414124	65.944	ug/l	100
70) Styrene	9.487	104	739287	65.971	ug/l	100
71) Bromoform	9.654	173	212964	55.672	ug/l #	100
73) Isopropylbenzene	9.857	105	1154351	59.987	ug/l	100
74) N-amyl acetate	9.725	43	347278	53.033	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.169	83	327051	41.420	ug/l	100
76) 1,2,3-Trichloropropane	10.198	75	266619	45.676	ug/l	100
77) Bromobenzene	10.140	156	290006	55.996	ug/l	100
78) n-propylbenzene	10.278	91	1339770	59.413	ug/l	100
79) 2-Chlorotoluene	10.349	91	784538	56.897	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	1027657	62.986	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.927	75	119609	51.381	ug/l	100
82) 4-Chlorotoluene	10.461	91	943793	58.402	ug/l	100
83) tert-Butylbenzene	10.789	119	1028579	59.368	ug/l	100
84) 1,2,4-Trimethylbenzene	10.841	105	1020783	63.178	ug/l	100
85) sec-Butylbenzene	11.014	105	1299841	59.719	ug/l	100
86) p-Isopropyltoluene	11.169	119	1151919	60.498	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	571713	53.343	ug/l	100
88) 1,4-Dichlorobenzene	11.197	146	582090	50.158	ug/l	100
89) n-Butylbenzene	11.580	91	1028485	59.078	ug/l	100
90) Hexachloroethane	11.821	117	216590	49.066	ug/l	100
91) 1,2-Dichlorobenzene	11.567	146	547895	54.058	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.352	75	89980	50.958	ug/l	100
93) 1,2,4-Trichlorobenzene	13.185	180	382450	59.207	ug/l	100
94) Hexachlorobutadiene	13.371	225	184688	54.019	ug/l	100
95) Naphthalene	13.426	128	1267848	62.659	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	394545	59.707	ug/l	100

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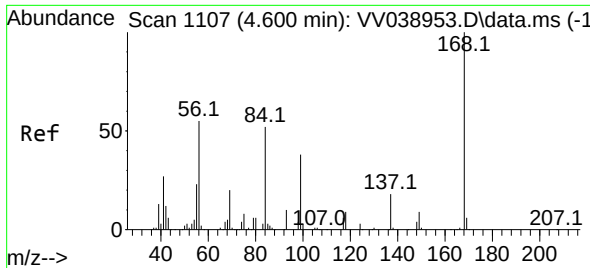
Quant Time: Aug 14 01:44:49 2025
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QLast Update : Thu Aug 14 01:39:44 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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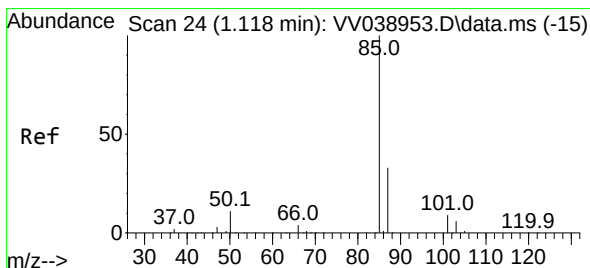
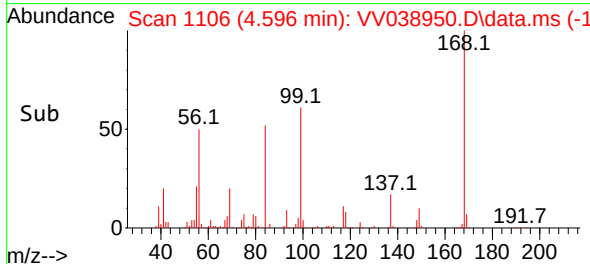
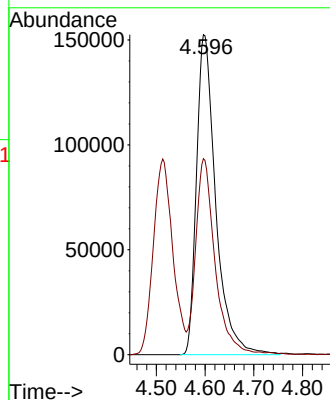
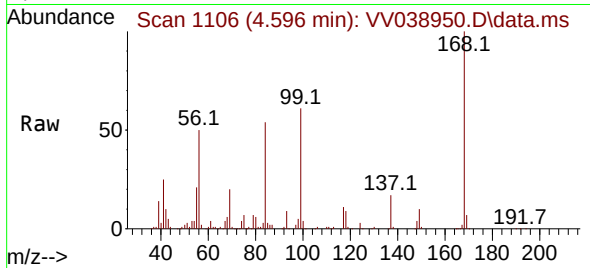




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.596 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038950.D
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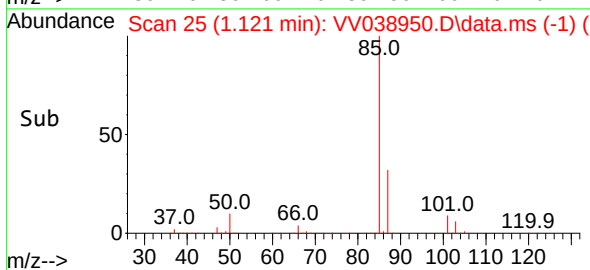
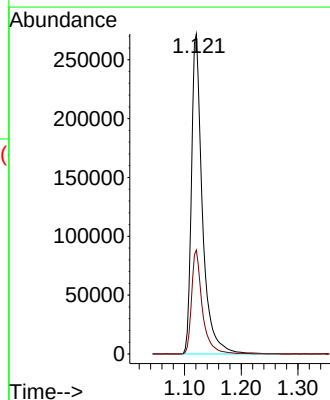
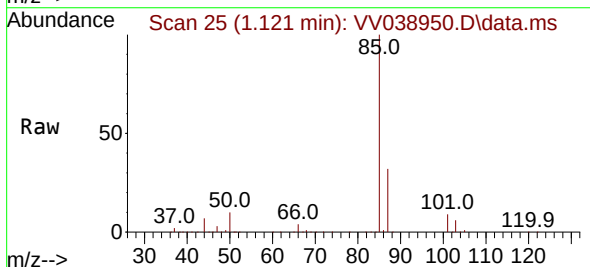
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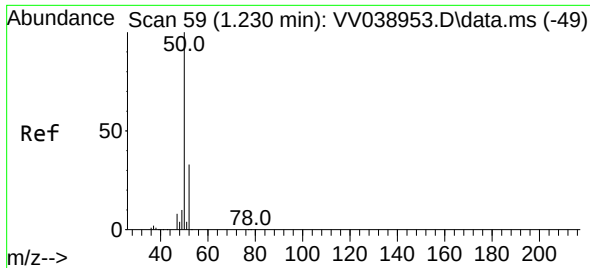
Tgt Ion:168 Resp: 419645
Ion Ratio Lower Upper
168 100
99 60.8 48.6 73.0



#2
Dichlorodifluoromethane
Concen: 102.239 ug/l
RT: 1.121 min Scan# 25
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

Tgt Ion: 85 Resp: 364272
Ion Ratio Lower Upper
85 100
87 32.4 16.2 48.6

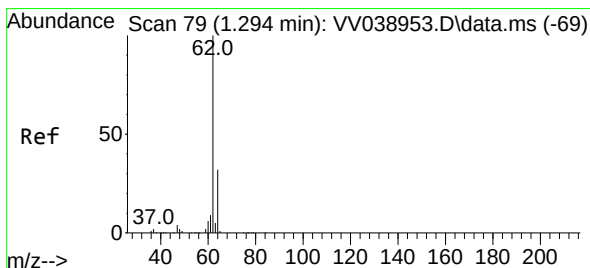
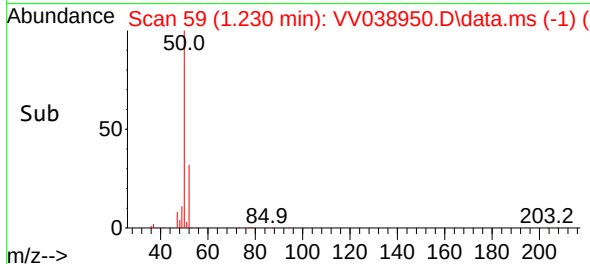
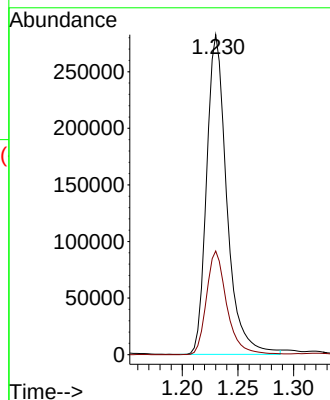
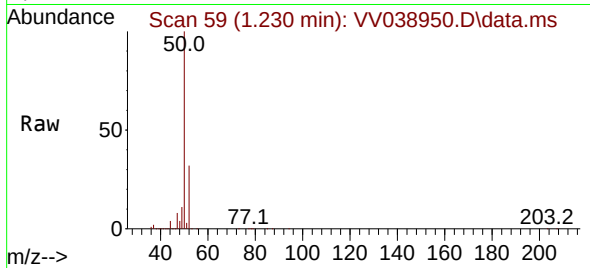




#3
Chloromethane
Concen: 103.252 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

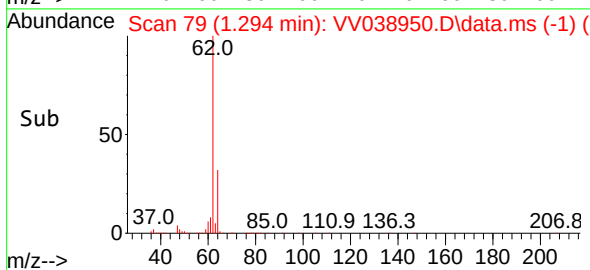
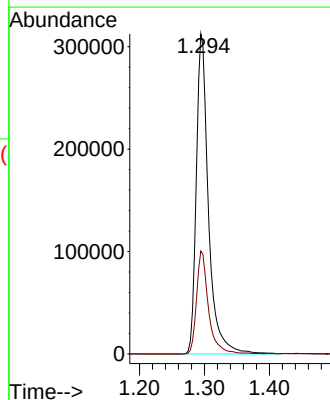
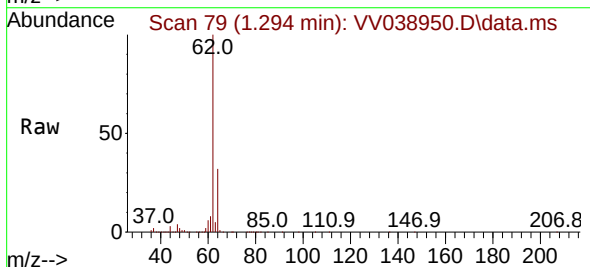
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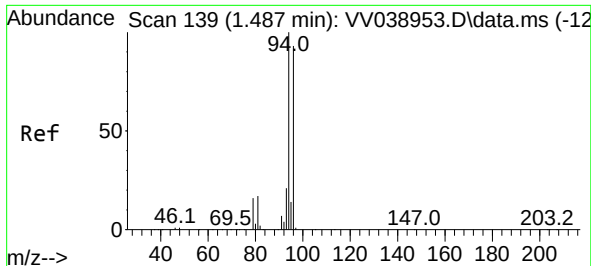
Tgt Ion: 50 Resp: 356859
Ion Ratio Lower Upper
50 100
52 32.4 25.9 38.9



#4
Vinyl Chloride
Concen: 98.702 ug/l
RT: 1.294 min Scan# 79
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

Tgt Ion: 62 Resp: 407436
Ion Ratio Lower Upper
62 100
64 32.2 25.8 38.6

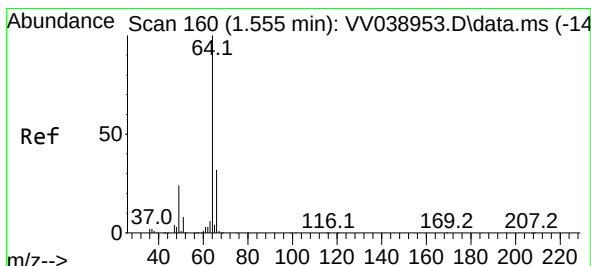
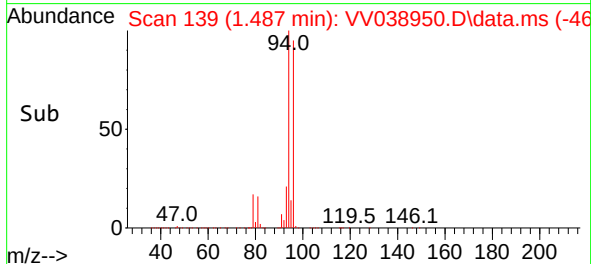
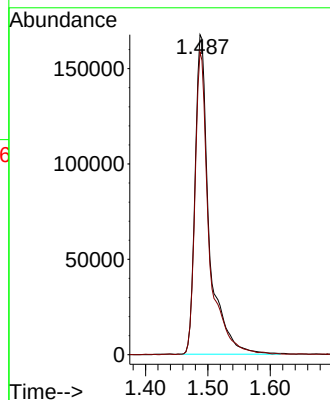
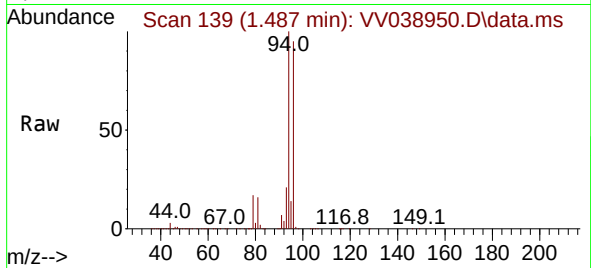




#5
Bromomethane
Concen: 83.155 ug/l
RT: 1.487 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

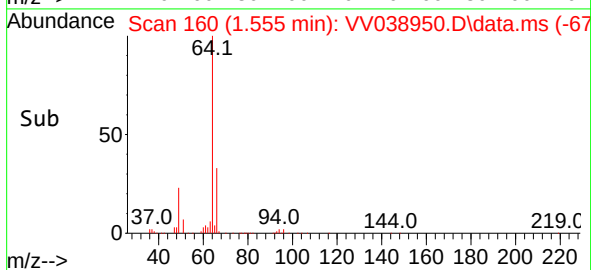
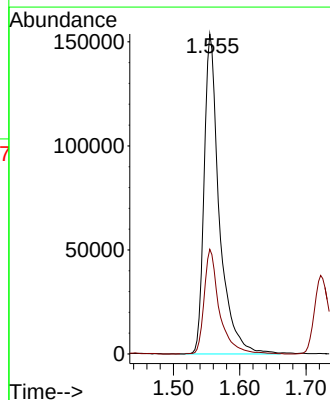
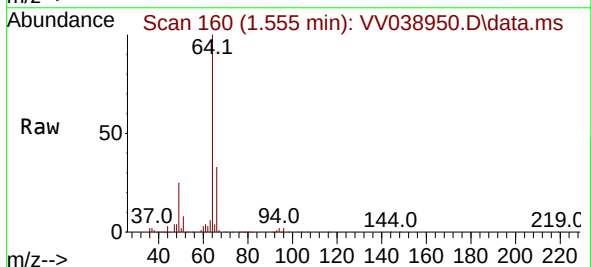
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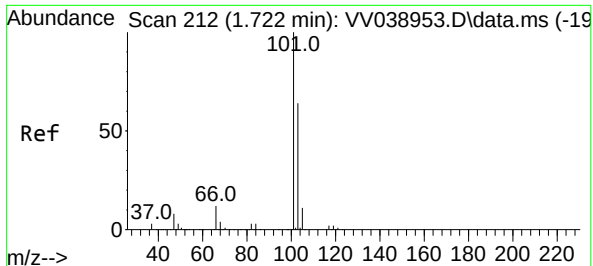
Tgt Ion: 94 Resp: 263536
Ion Ratio Lower Upper
94 100
96 94.6 75.7 113.5



#6
Chloroethane
Concen: 87.234 ug/l
RT: 1.555 min Scan# 160
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

Tgt Ion: 64 Resp: 245204
Ion Ratio Lower Upper
64 100
66 32.6 26.1 39.1

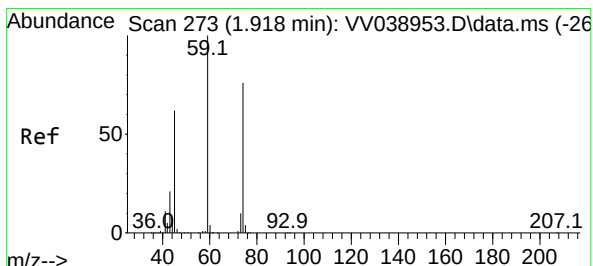
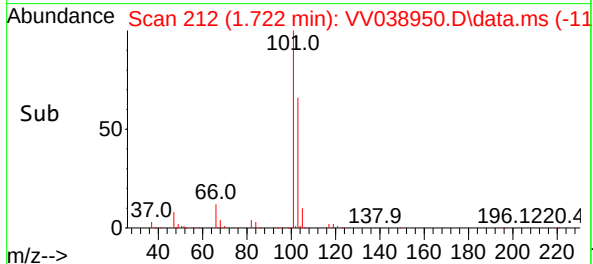
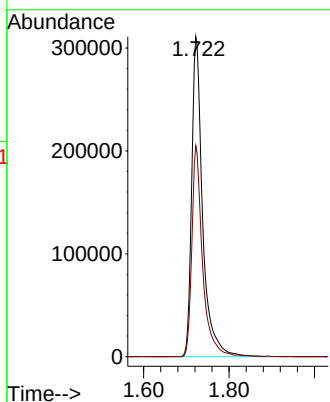
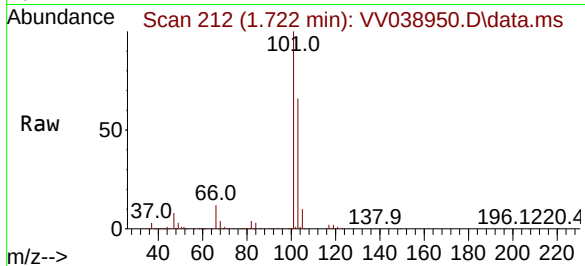




#7
Trichlorofluoromethane
Concen: 75.292 ug/l
RT: 1.722 min Scan# 212
Delta R.T. 0.000 min
Lab File: VV038950.D
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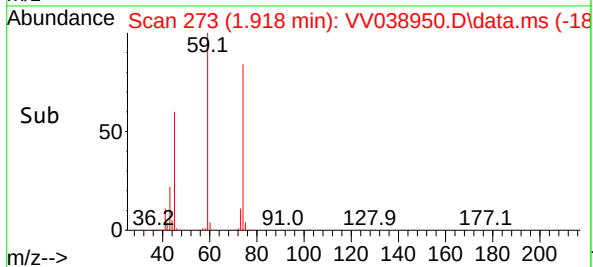
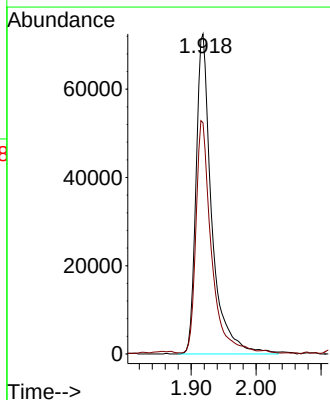
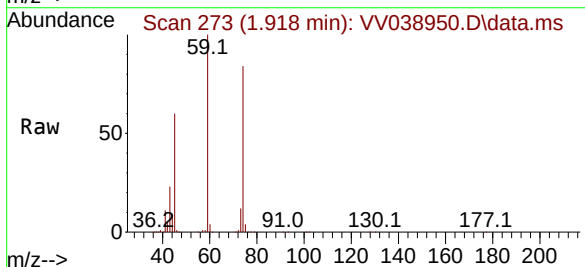
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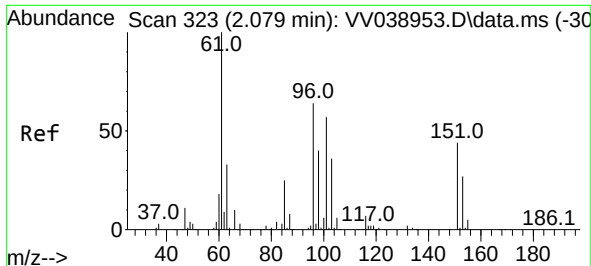
Tgt Ion:101 Resp: 552012
Ion Ratio Lower Upper
101 100
103 66.0 52.8 79.2



#8
Diethyl Ether
Concen: 49.681 ug/l
RT: 1.918 min Scan# 273
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 122220
Ion Ratio Lower Upper
74 100
45 70.7 35.4 106.1

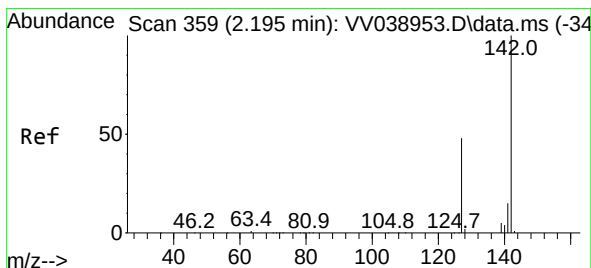
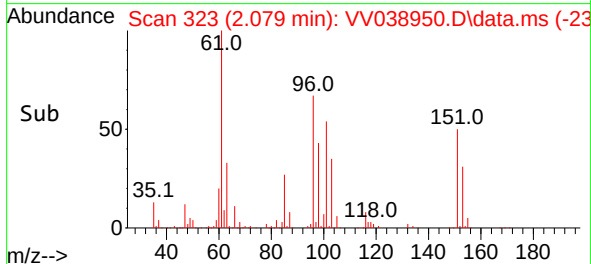
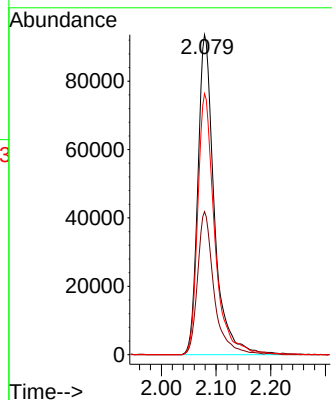
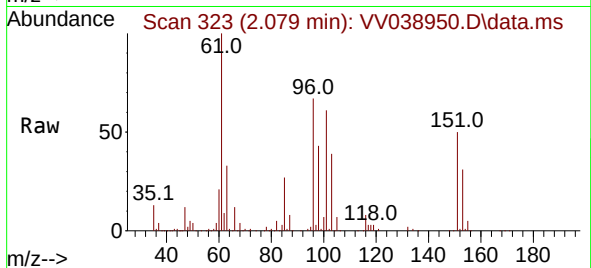




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.547 ug/l
RT: 2.079 min Scan# 311
Delta R.T. 0.000 min
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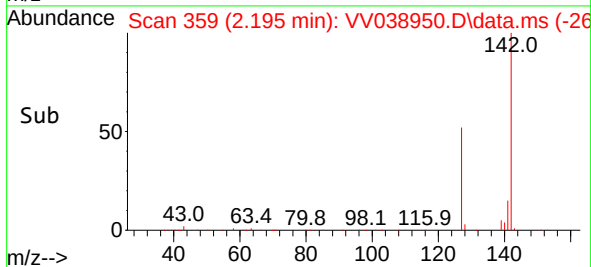
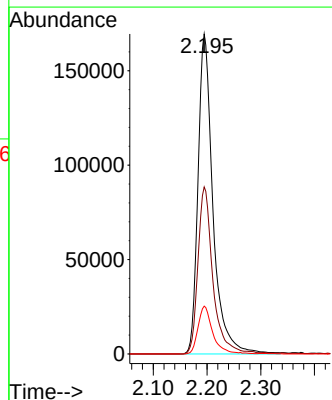
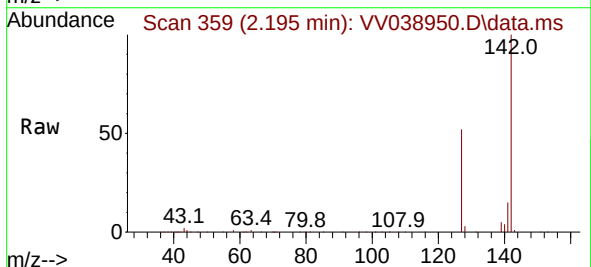
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

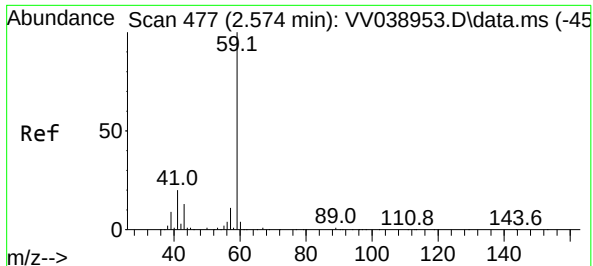
Tgt Ion:101 Resp: 195052
Ion Ratio Lower Upper
101 100
85 44.9 35.9 53.9
151 84.1 67.3 100.9



#10
Methyl Iodide
Concen: 74.741 ug/l
RT: 2.195 min Scan# 359
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

Tgt Ion:142 Resp: 327403
Ion Ratio Lower Upper
142 100
127 52.0 41.6 62.4
141 14.7 11.8 17.6

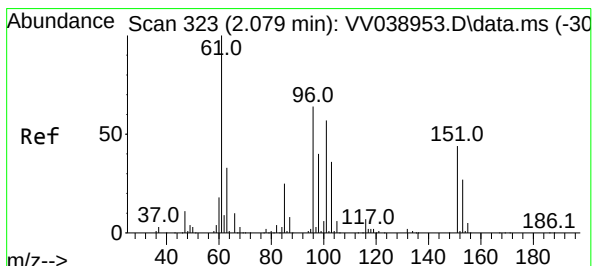
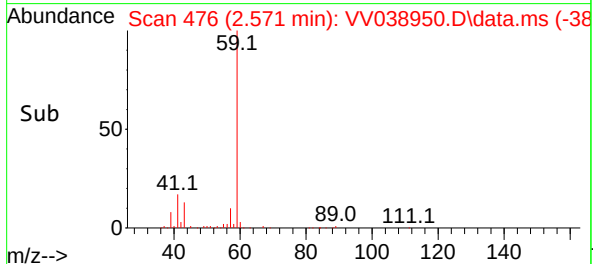
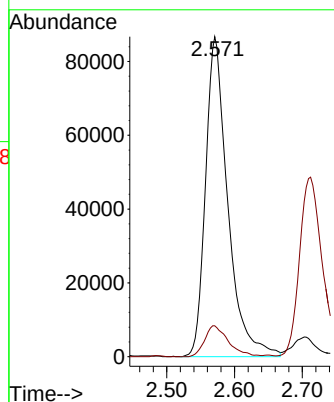
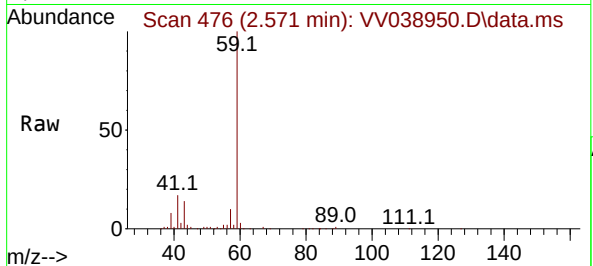




#11
Tert butyl alcohol
Concen: 200.738 ug/l
RT: 2.571 min Scan# 411
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

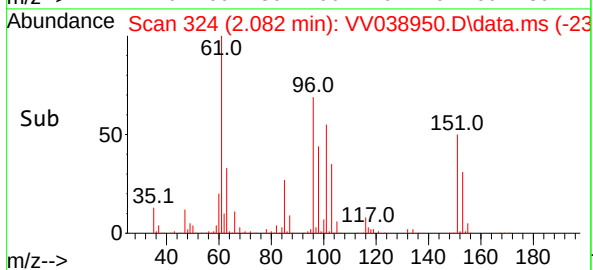
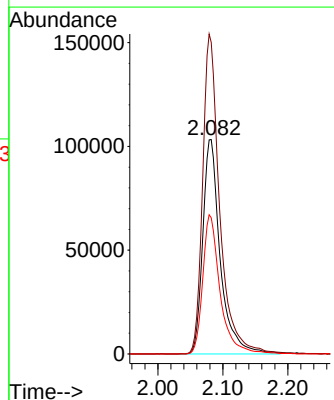
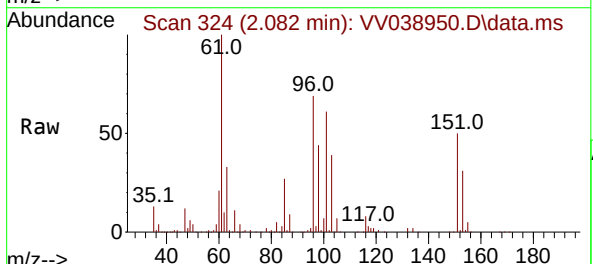
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

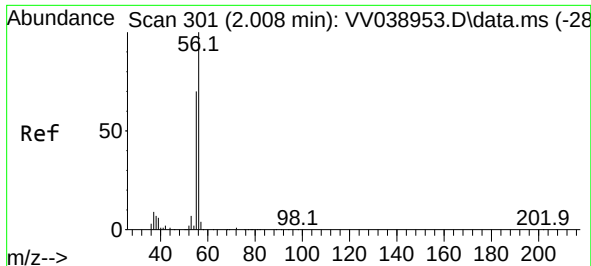
Tgt Ion: 59 Resp: 197735
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 54.290 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

Tgt Ion: 96 Resp: 193853
Ion Ratio Lower Upper
96 100
61 145.1 116.1 174.1
98 63.5 50.8 76.2

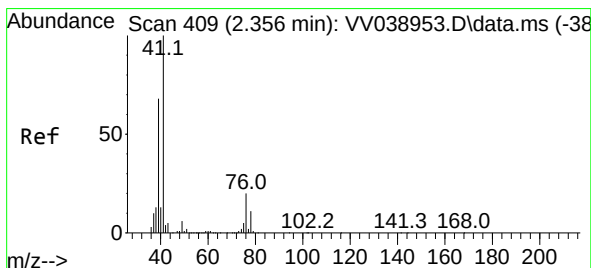
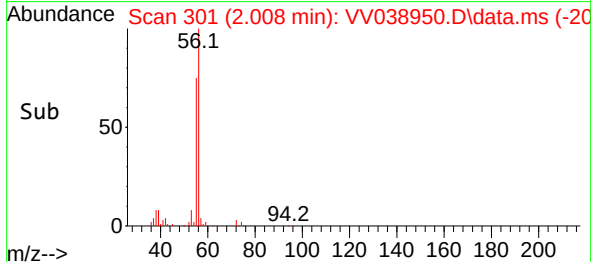
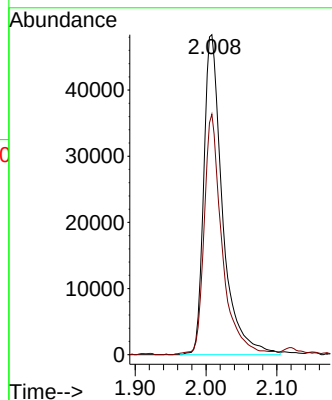
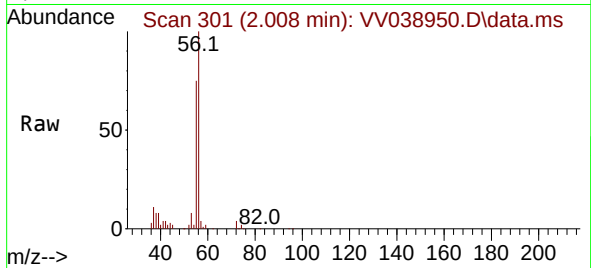




#13
Acrolein
Concen: 122.900 ug/l
RT: 2.008 min Scan# 301
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

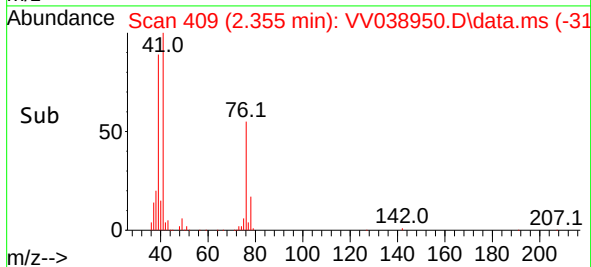
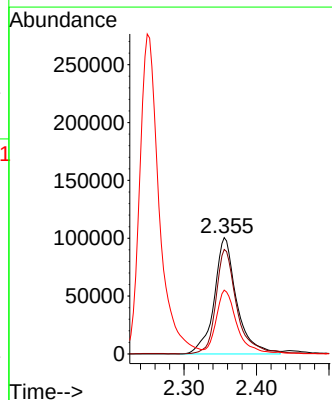
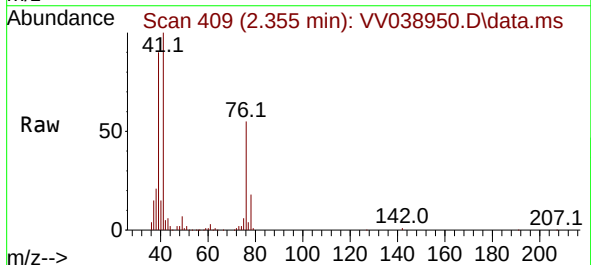
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

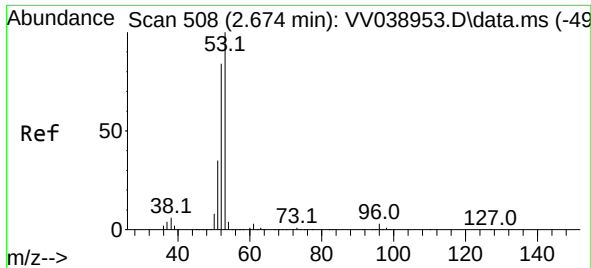
Tgt Ion: 56 Resp: 88953
Ion Ratio Lower Upper
56 100
55 72.1 57.7 86.5



#14
Allyl chloride
Concen: 36.996 ug/l
RT: 2.355 min Scan# 409
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

Tgt Ion: 41 Resp: 216267
Ion Ratio Lower Upper
41 100
39 82.0 65.6 98.4
76 47.6 38.1 57.1

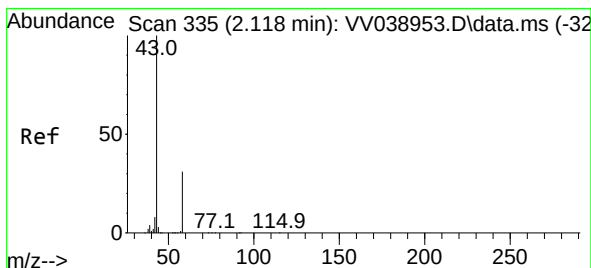
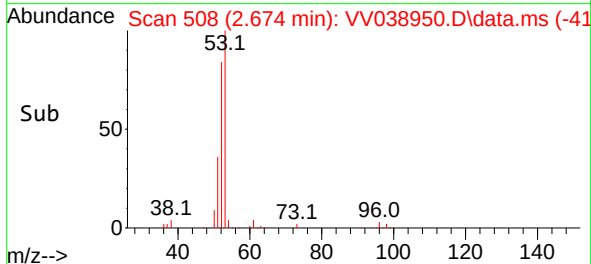
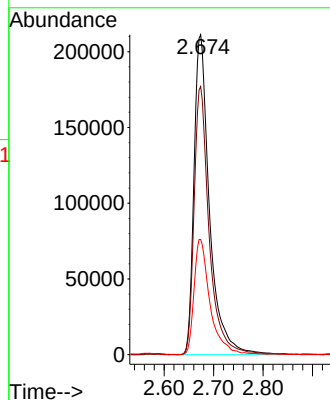
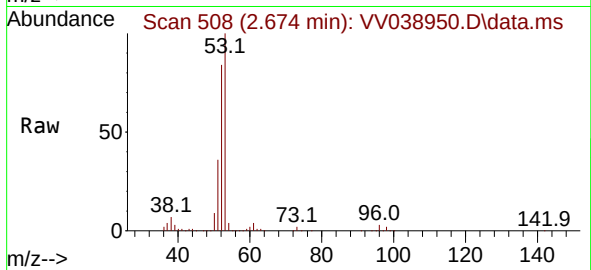




#15
Acrylonitrile
Concen: 178.460 ug/l
RT: 2.674 min Scan# 508
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

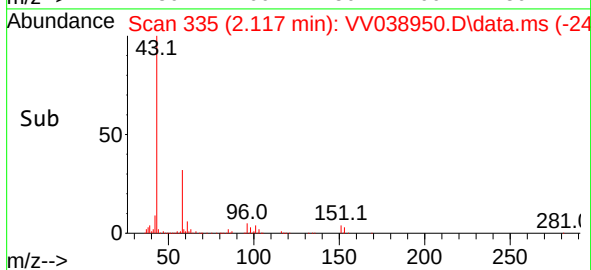
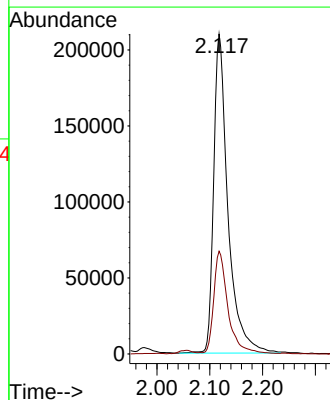
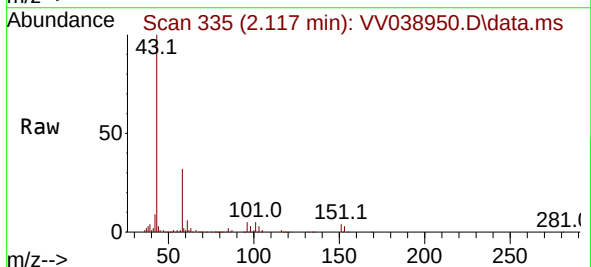
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

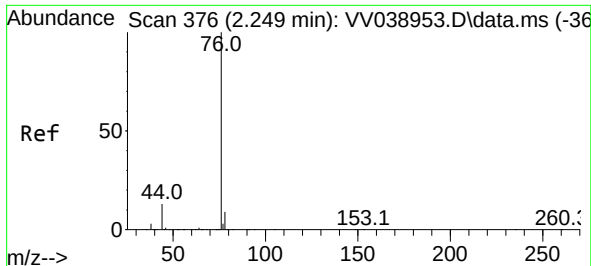
Tgt Ion: 53 Resp: 462197
Ion Ratio Lower Upper
53 100
52 81.2 65.0 97.4
51 36.9 29.5 44.3



#16
Acetone
Concen: 187.547 ug/l
RT: 2.117 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

Tgt Ion: 43 Resp: 394135
Ion Ratio Lower Upper
43 100
58 32.0 25.6 38.4

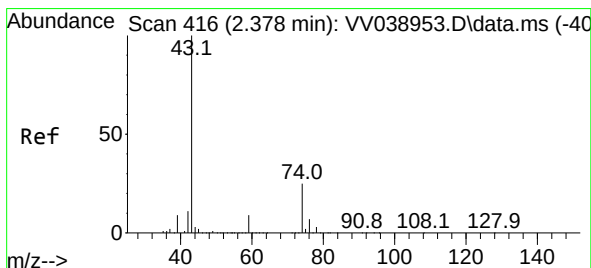
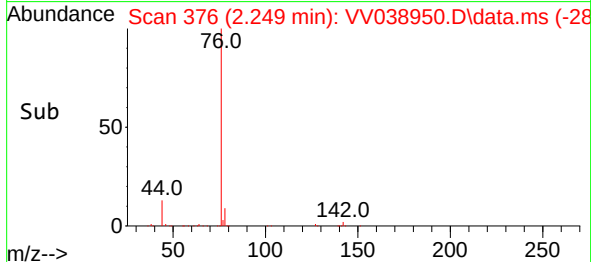
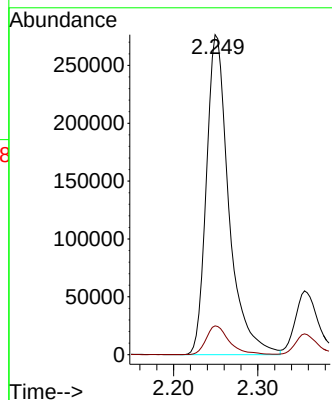
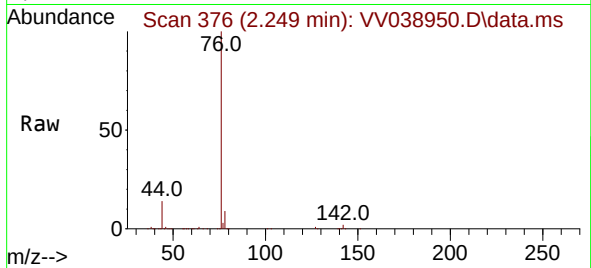




#17
Carbon Disulfide
Concen: 80.267 ug/l
RT: 2.249 min Scan# 376
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

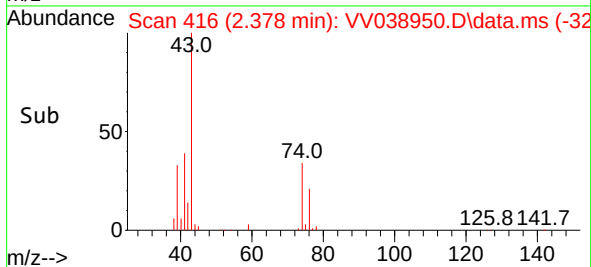
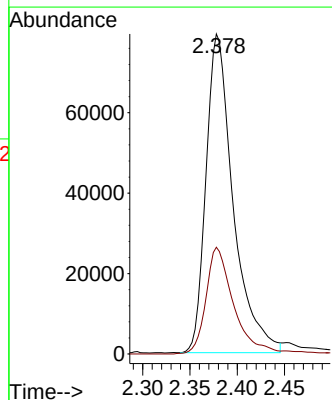
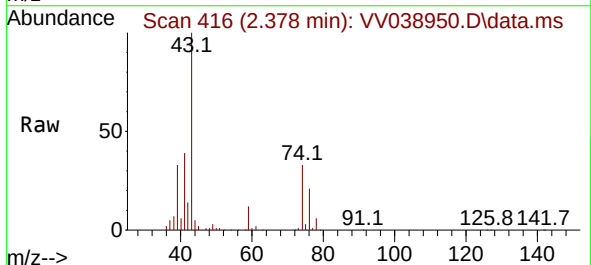
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

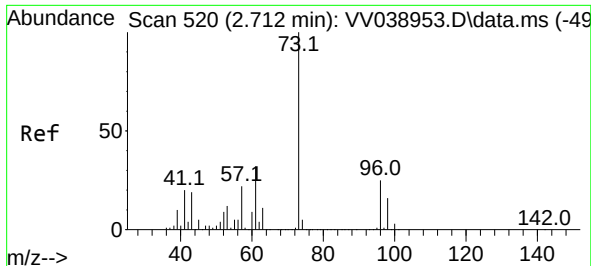
Tgt Ion: 76 Resp: 513392
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 23.170 ug/l
RT: 2.378 min Scan# 416
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

Tgt Ion: 43 Resp: 158764
Ion Ratio Lower Upper
43 100
74 34.6 27.7 41.5

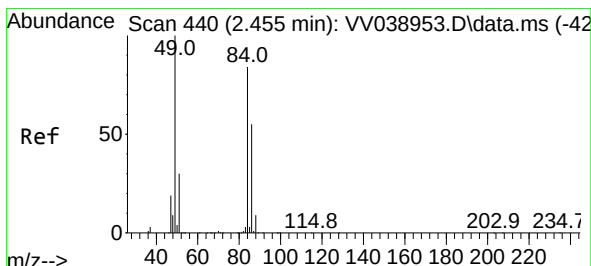
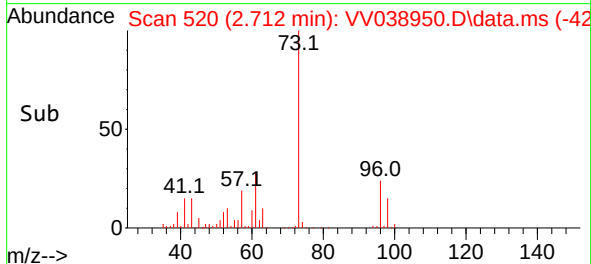
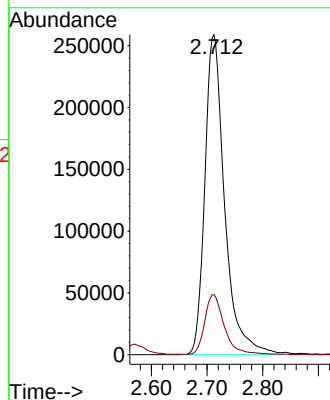
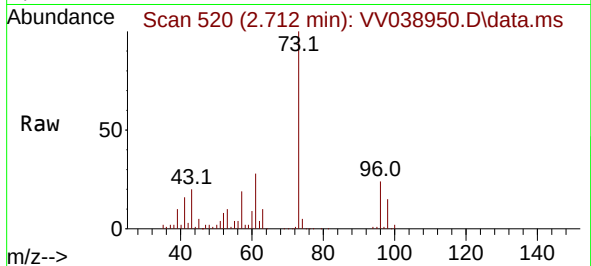




#19
Methyl tert-butyl Ether
Concen: 45.173 ug/l
RT: 2.712 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

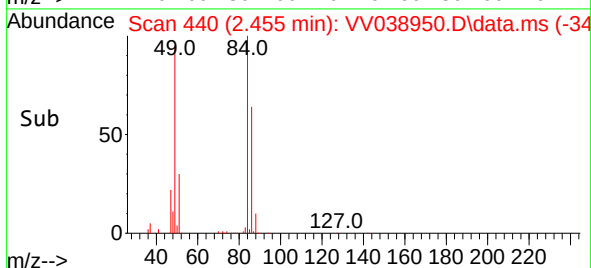
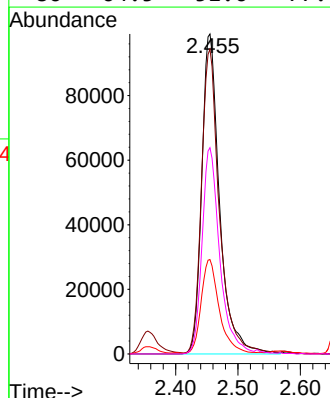
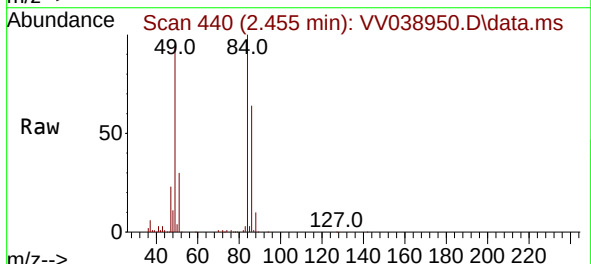
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

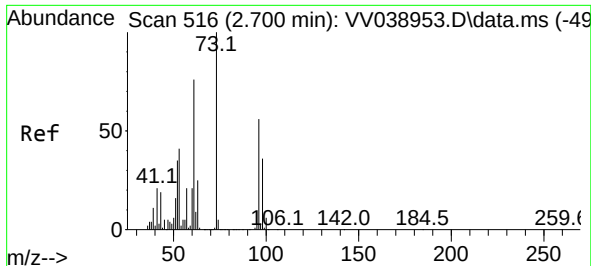
Tgt Ion: 73 Resp: 638561
Ion Ratio Lower Upper
73 100
57 18.6 14.9 22.3



#20
Methylene Chloride
Concen: 39.742 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

Tgt Ion: 84 Resp: 196843
Ion Ratio Lower Upper
84 100
49 94.8 75.8 113.8
51 29.2 23.4 35.0
86 64.5 51.6 77.4

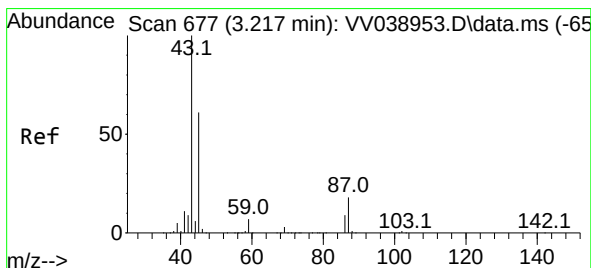
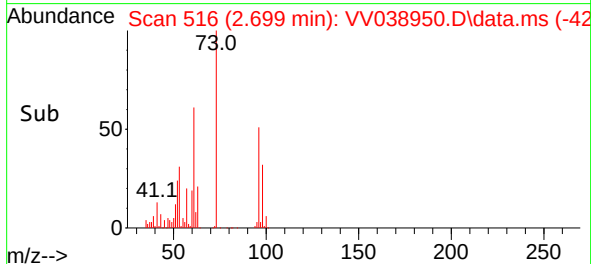
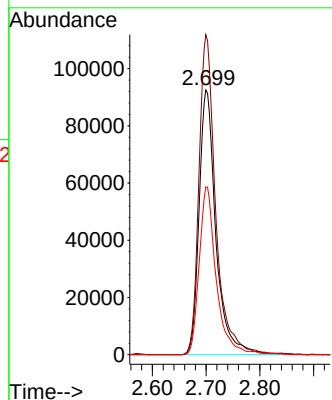
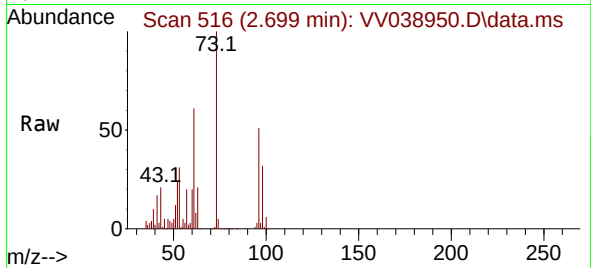




#21
trans-1,2-Dichloroethene
Concen: 52.033 ug/l
RT: 2.699 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

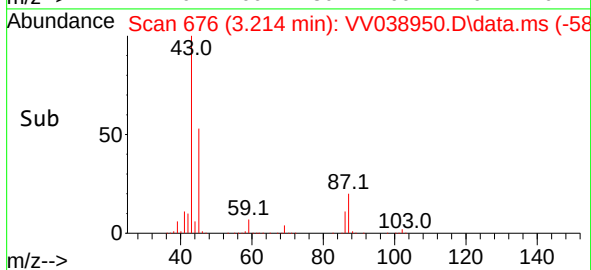
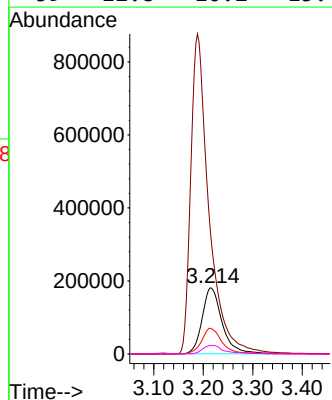
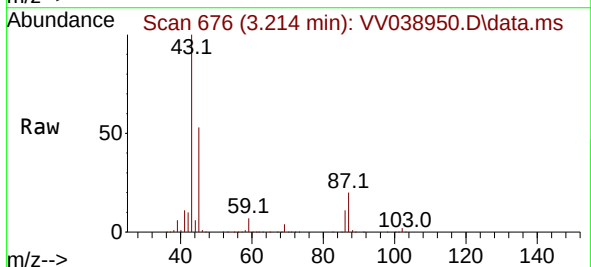
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

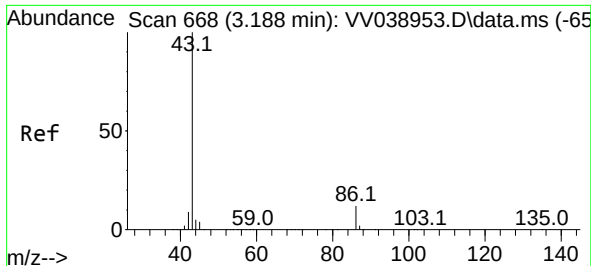
Tgt Ion: 96 Resp: 200716
Ion Ratio Lower Upper
96 100
61 120.9 96.7 145.1
98 63.4 50.7 76.1



#22
Diisopropyl ether
Concen: 42.902 ug/l
RT: 3.214 min Scan# 676
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

Tgt Ion: 45 Resp: 509790
Ion Ratio Lower Upper
45 100
43 188.9 151.1 226.7
87 38.7 31.0 46.4
59 12.8 10.2 15.4

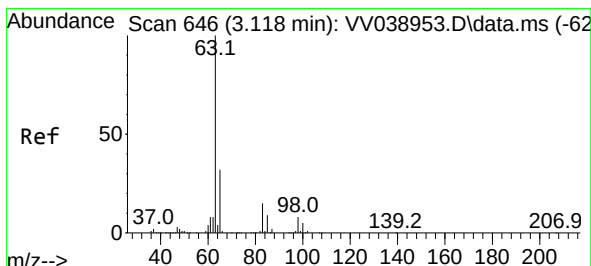
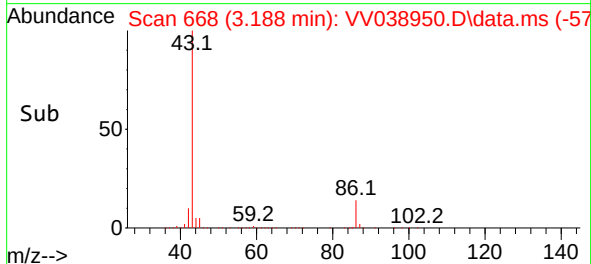
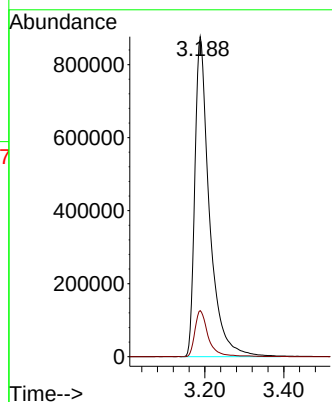
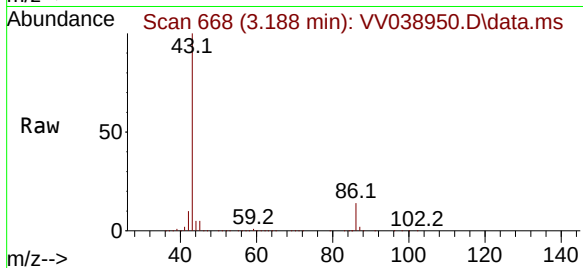




#23
 Vinyl Acetate
 Concen: 246.911 ug/l
 RT: 3.188 min Scan# 668
 Delta R.T. 0.000 min
 Lab File: VV038950.D
 Acq: 13 Aug 2025 14:11

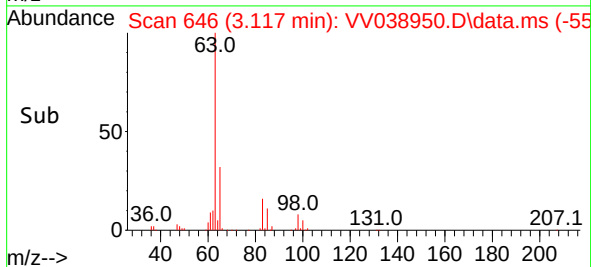
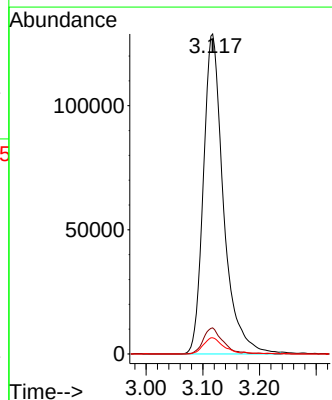
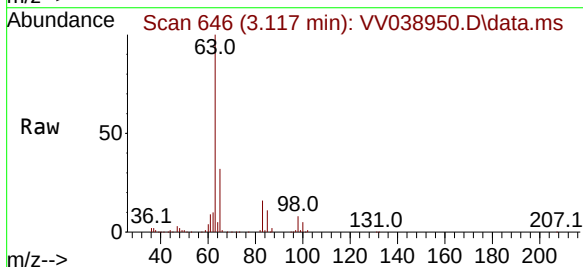
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

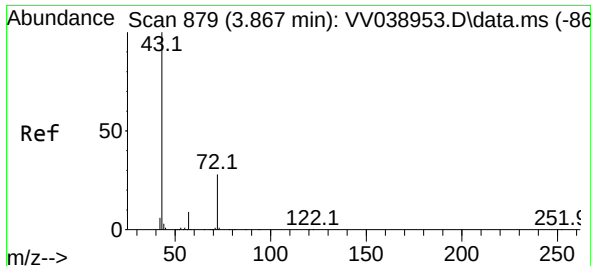
Tgt Ion: 43 Resp: 2244898
 Ion Ratio Lower Upper
 43 100
 86 14.4 11.5 17.3



#24
 1,1-Dichloroethane
 Concen: 41.229 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. 0.000 min
 Lab File: VV038950.D
 Acq: 13 Aug 2025 14:11

Tgt Ion: 63 Resp: 317531
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.0 12.2
 100 5.1 2.5 7.6

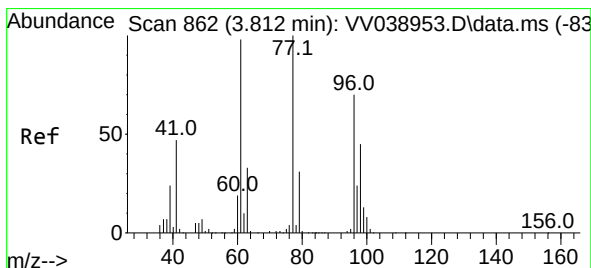
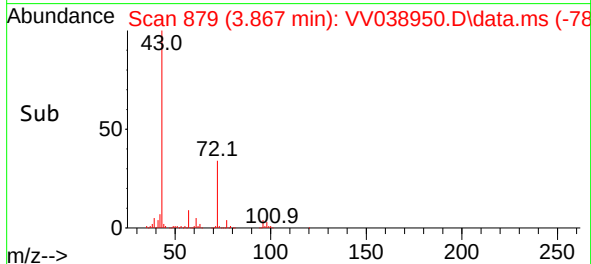
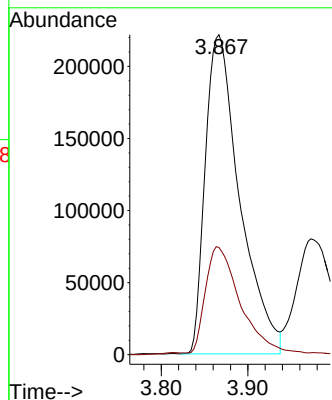
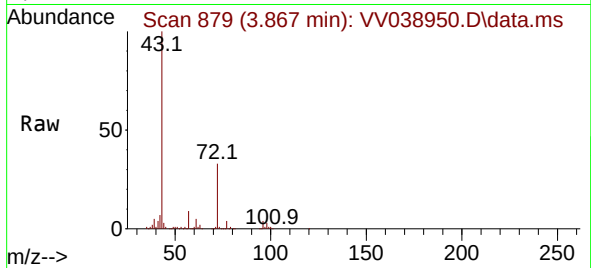




#25
2-Butanone
Concen: 228.707 ug/l
RT: 3.867 min Scan# 81
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

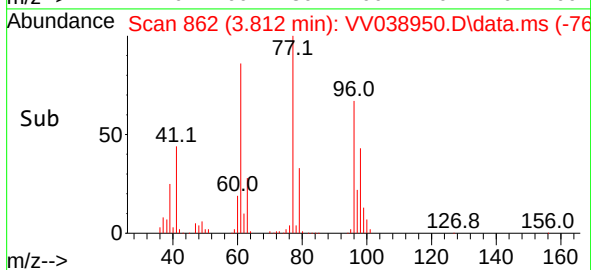
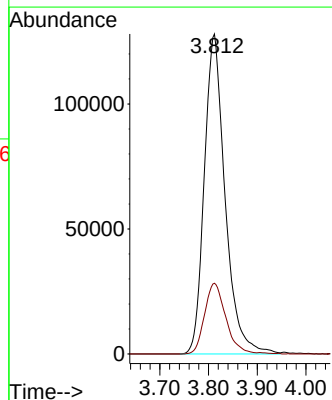
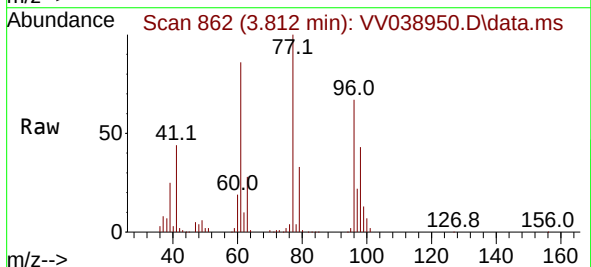
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

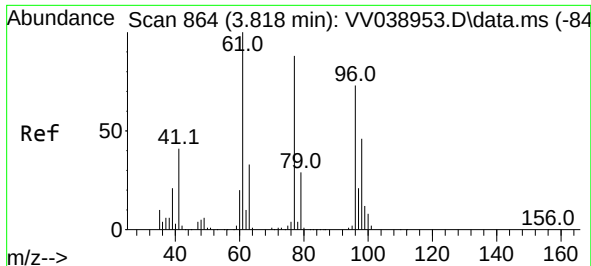
Tgt Ion: 43 Resp: 613352
Ion Ratio Lower Upper
43 100
72 33.0 26.4 39.6



#26
2,2-Dichloropropane
Concen: 53.263 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

Tgt Ion: 77 Resp: 379591
Ion Ratio Lower Upper
77 100
97 22.5 11.3 33.8

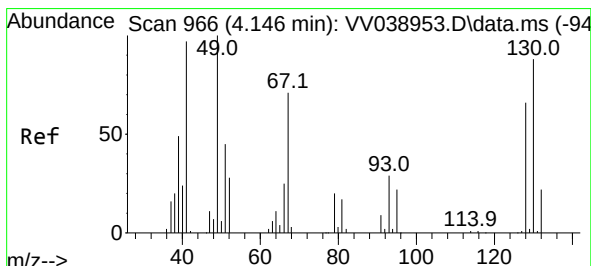
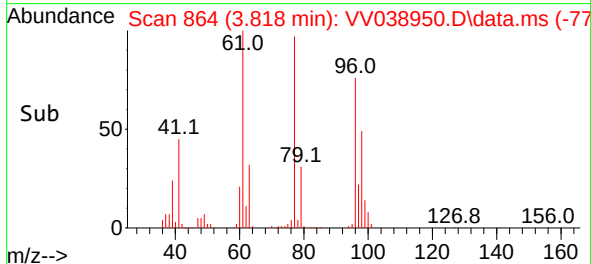
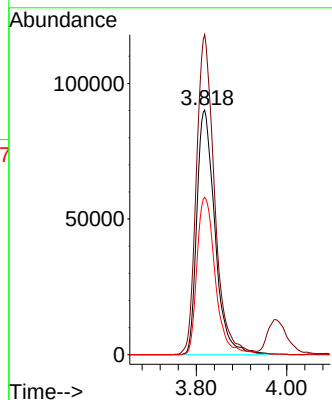
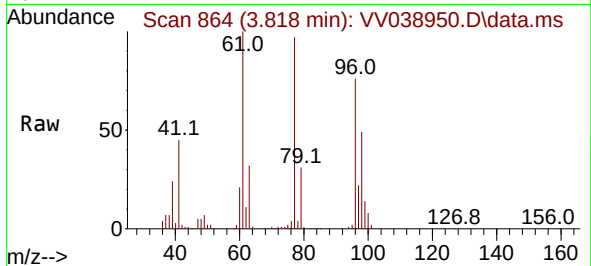




#27
 cis-1,2-Dichloroethene
 Concen: 54.225 ug/l
 RT: 3.818 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VV038950.D
 Acq: 13 Aug 2025 14:11

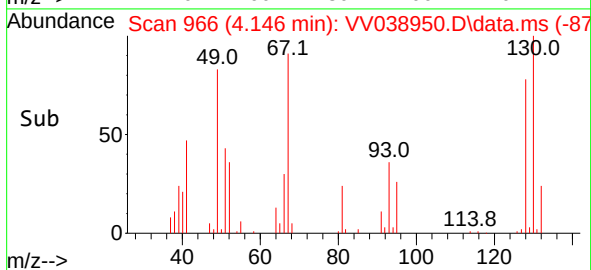
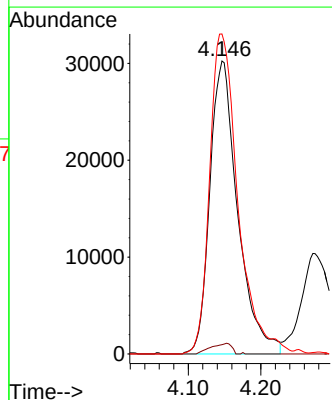
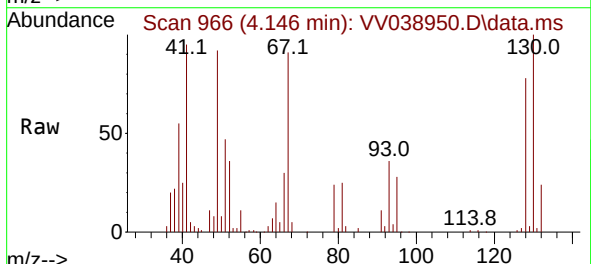
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

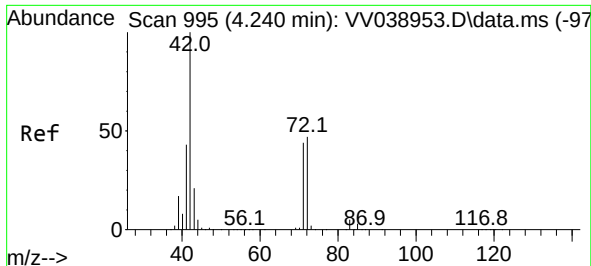
Tgt Ion: 96 Resp: 250223
 Ion Ratio Lower Upper
 96 100
 61 131.6 0.0 263.2
 98 65.2 0.0 130.4



#28
 Bromochloromethane
 Concen: 32.084 ug/l
 RT: 4.146 min Scan# 966
 Delta R.T. 0.000 min
 Lab File: VV038950.D
 Acq: 13 Aug 2025 14:11

Tgt Ion: 49 Resp: 80875
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 5.4
 130 111.0 88.8 133.2





#29

Tetrahydrofuran

Concen: 219.856 ug/l

RT: 4.236 min Scan# 995

Delta R.T. 0.000 min

Lab File: VV038950.D

Acq: 13 Aug 2025 14:11

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

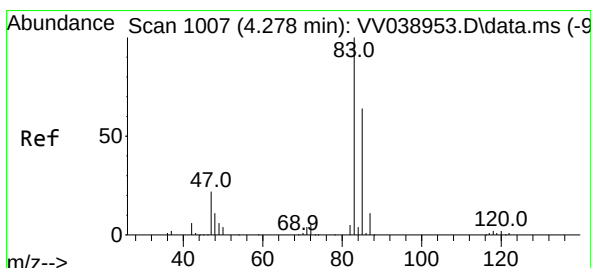
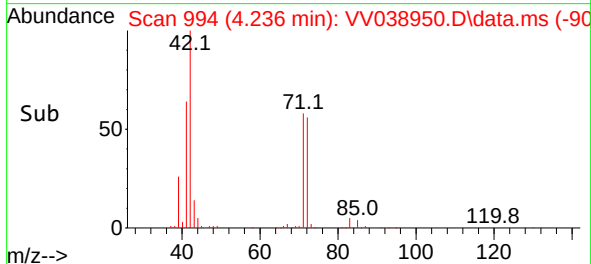
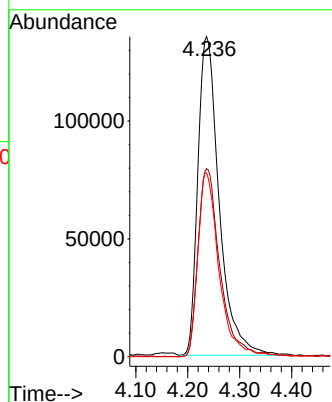
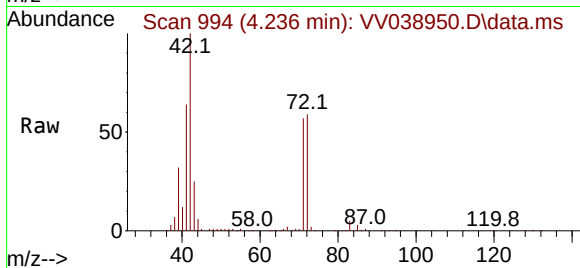
Tgt Ion: 42 Resp: 384985

Ion Ratio Lower Upper

42 100

72 60.1 48.1 72.1

71 56.6 45.3 67.9



#30

Chloroform

Concen: 49.355 ug/l

RT: 4.275 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VV038950.D

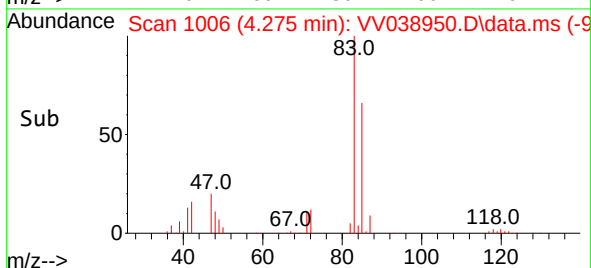
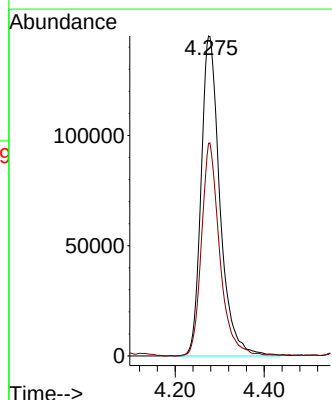
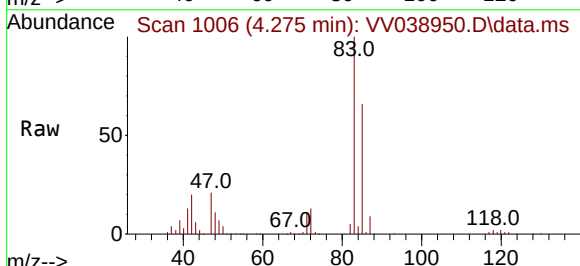
Acq: 13 Aug 2025 14:11

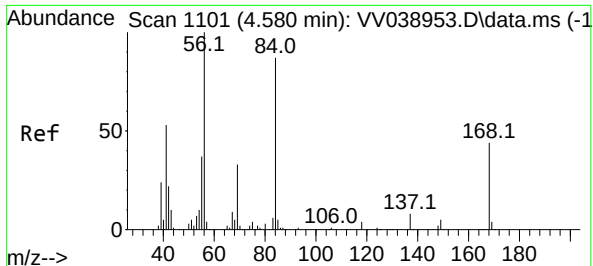
Tgt Ion: 83 Resp: 425146

Ion Ratio Lower Upper

83 100

85 66.3 53.0 79.6

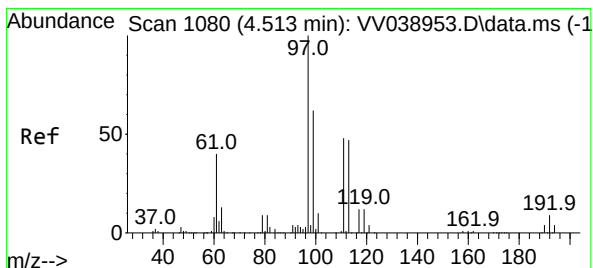
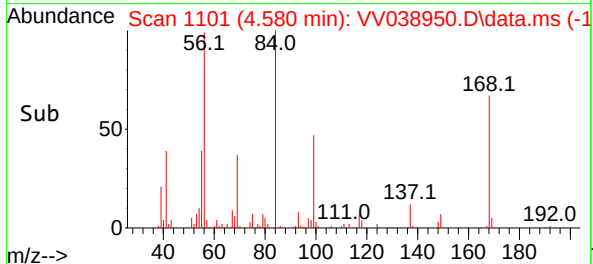
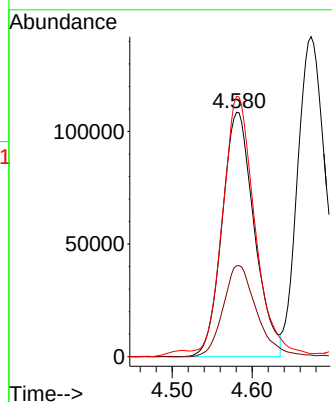
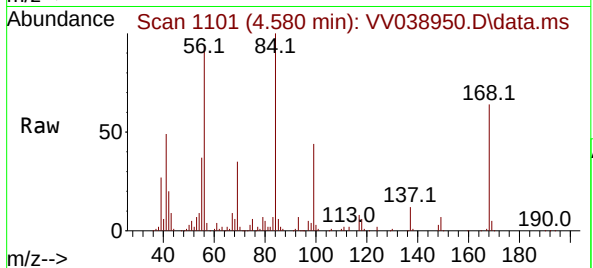




#31
Cyclohexane
Concen: 58.854 ug/l
RT: 4.580 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

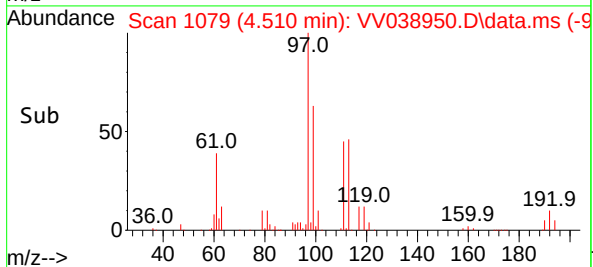
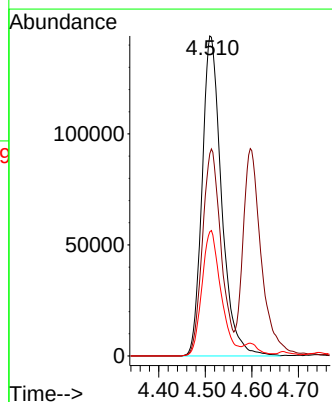
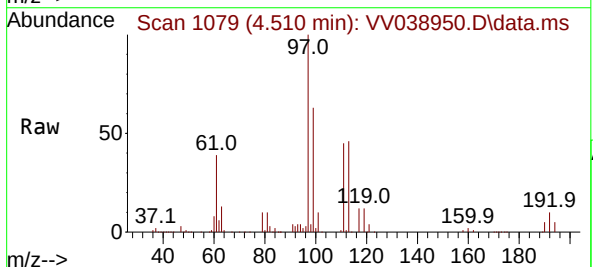
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

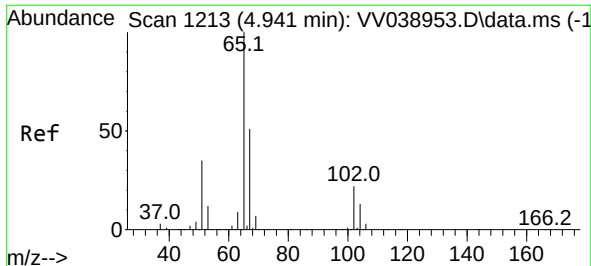
Tgt Ion: 56 Resp: 303704
Ion Ratio Lower Upper
56 100
69 37.2 29.8 44.6
84 104.1 83.3 124.9



#32
1,1,1-Trichloroethane
Concen: 55.281 ug/l
RT: 4.510 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

Tgt Ion: 97 Resp: 418860
Ion Ratio Lower Upper
97 100
99 61.7 49.4 74.0
61 38.6 30.9 46.3





#33

1,2-Dichloroethane-d4

Concen: 44.732 ug/l

RT: 4.940 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV038950.D

Acq: 13 Aug 2025 14:11

Instrument :

MSVOA_V

ClientSampleId :

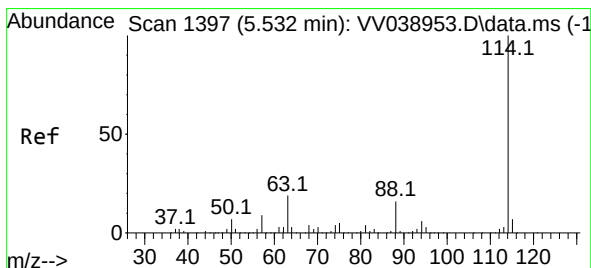
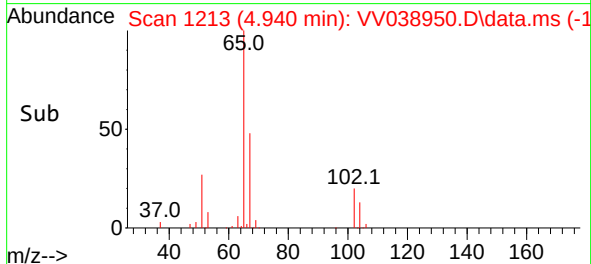
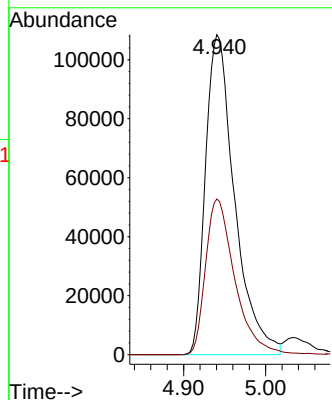
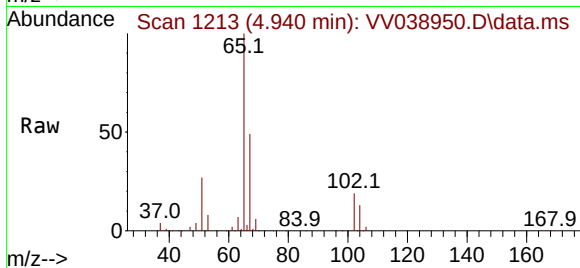
VSTDICCC050

Tgt Ion: 65 Resp: 267044

Ion Ratio Lower Upper

65 100

67 48.9 0.0 97.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VV038950.D

Acq: 13 Aug 2025 14:11

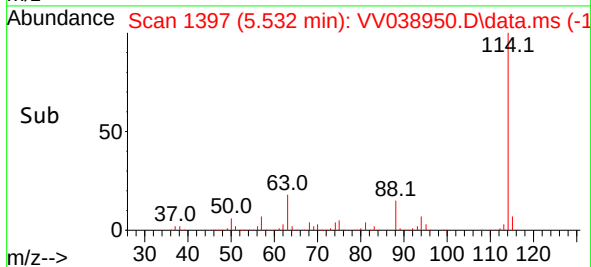
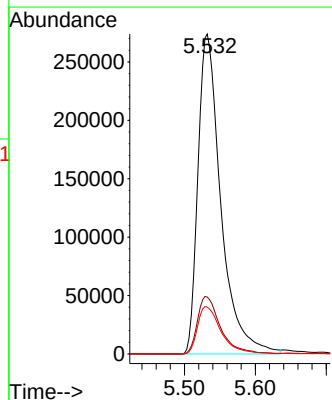
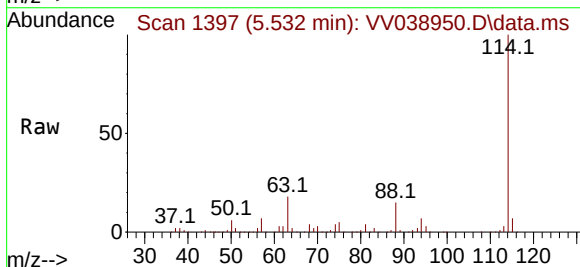
Tgt Ion: 114 Resp: 615491

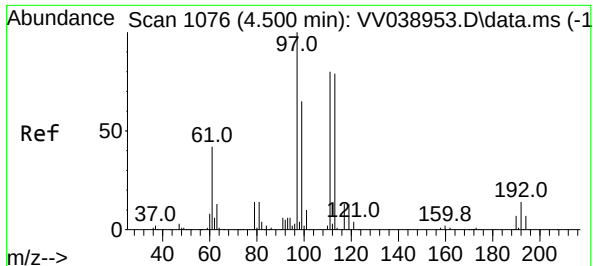
Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.6

88 14.7 0.0 29.4





#35

Dibromofluoromethane

Concen: 46.187 ug/l

RT: 4.500 min Scan# 1076

Delta R.T. 0.000 min

Lab File: VV038950.D

Acq: 13 Aug 2025 14:11

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

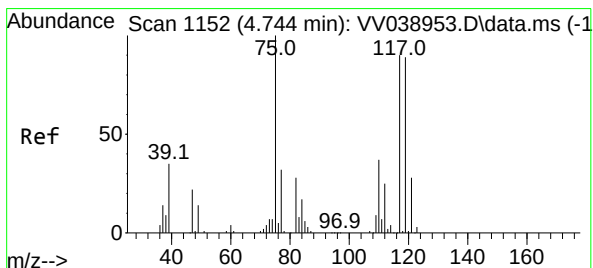
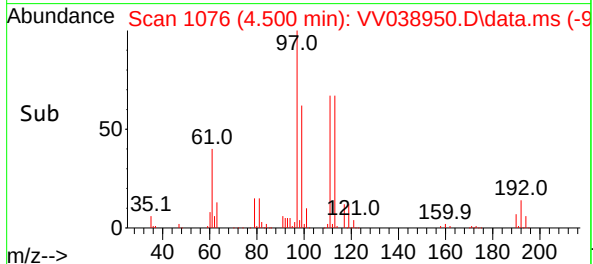
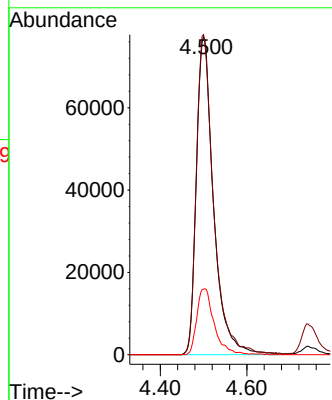
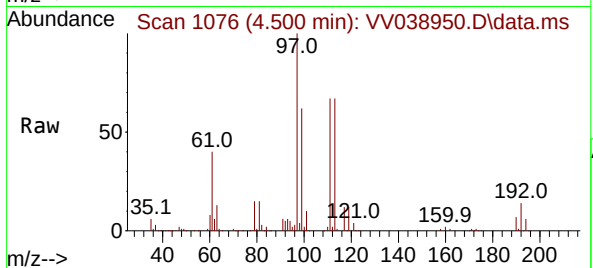
Tgt Ion:113 Resp: 212872

Ion Ratio Lower Upper

113 100

111 99.3 79.4 119.2

192 20.6 16.5 24.7



#36

1,1-Dichloropropene

Concen: 62.063 ug/l

RT: 4.744 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VV038950.D

Acq: 13 Aug 2025 14:11

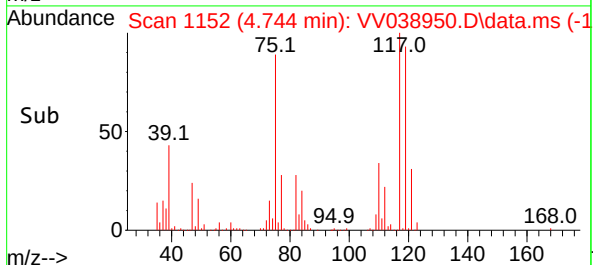
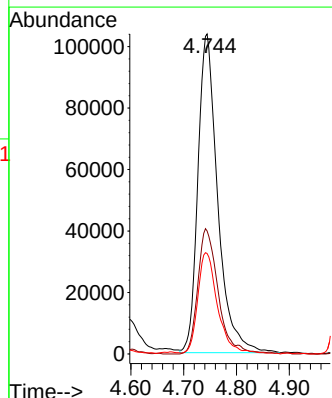
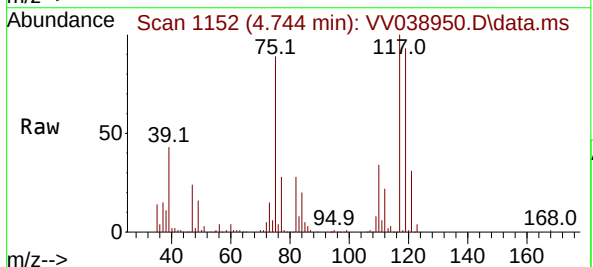
Tgt Ion: 75 Resp: 270206

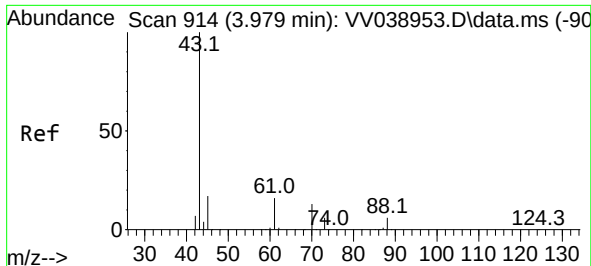
Ion Ratio Lower Upper

75 100

110 40.4 20.2 60.6

77 31.2 25.0 37.4

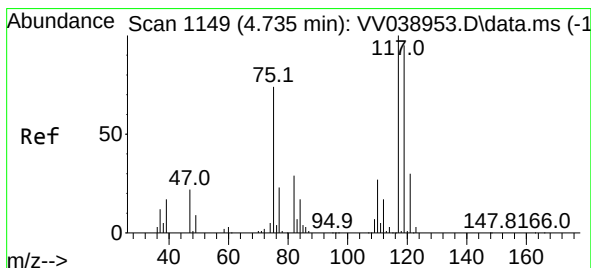
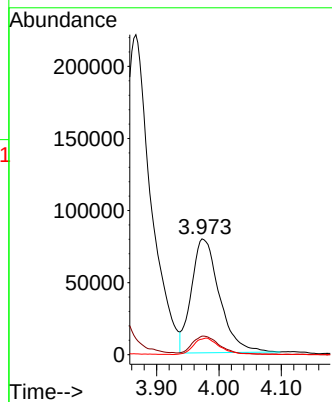
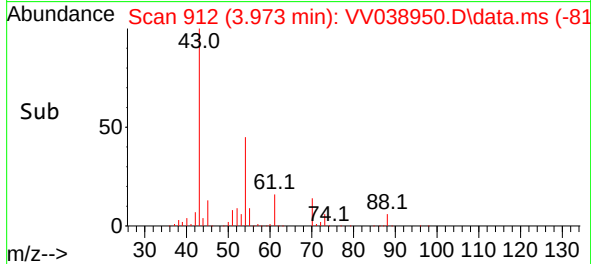
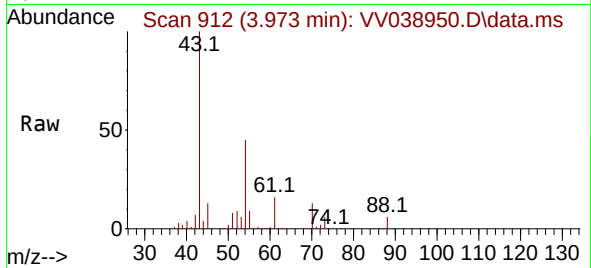




#37
Ethyl Acetate
Concen: 44.925 ug/l
RT: 3.973 min Scan# 914
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

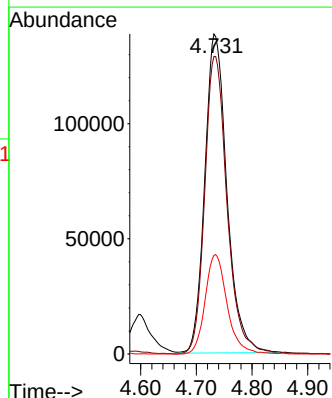
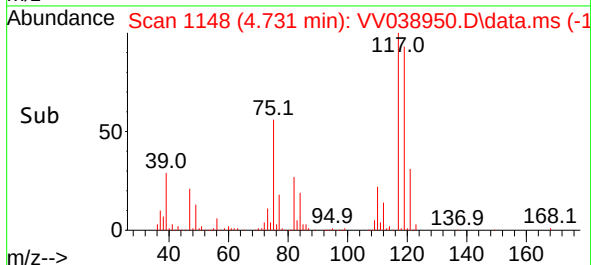
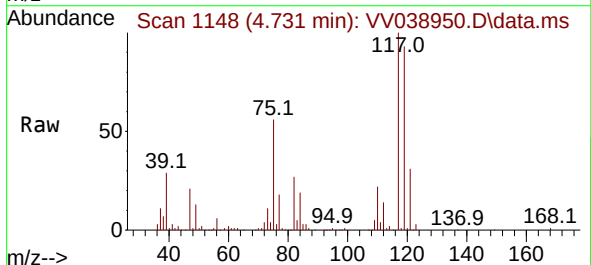
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

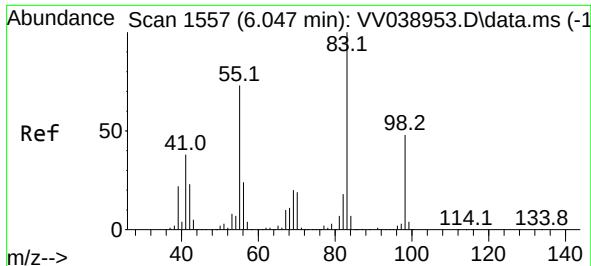
Tgt Ion: 43 Resp: 246632
Ion Ratio Lower Upper
43 100
61 15.4 12.3 18.5
70 13.5 10.8 16.2



#38
Carbon Tetrachloride
Concen: 66.014 ug/l
RT: 4.731 min Scan# 1148
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

Tgt Ion: 117 Resp: 383600
Ion Ratio Lower Upper
117 100
119 93.3 74.6 112.0
121 31.0 24.8 37.2





#39

Methylcyclohexane

Concen: 76.063 ug/l

RT: 6.047 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV038950.D

Acq: 13 Aug 2025 14:11

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

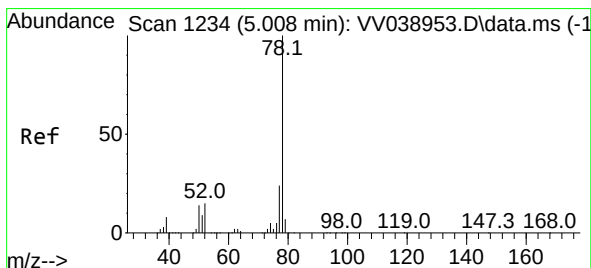
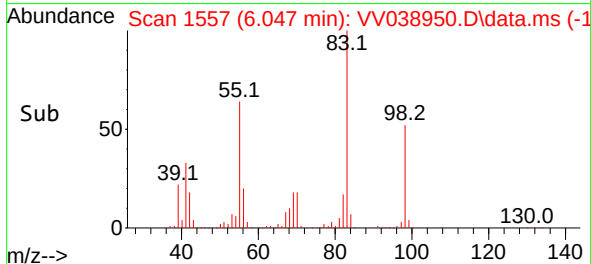
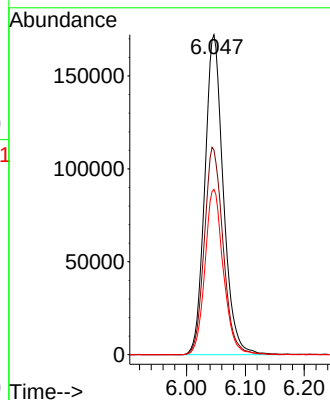
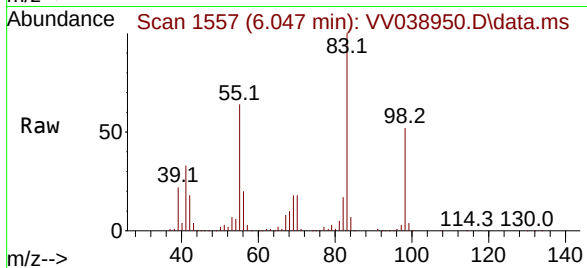
Tgt Ion: 83 Resp: 376577

Ion Ratio Lower Upper

83 100

55 63.9 51.1 76.7

98 51.7 41.4 62.0



#40

Benzene

Concen: 59.028 ug/l

RT: 5.008 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VV038950.D

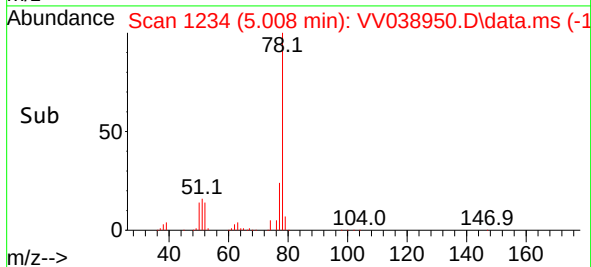
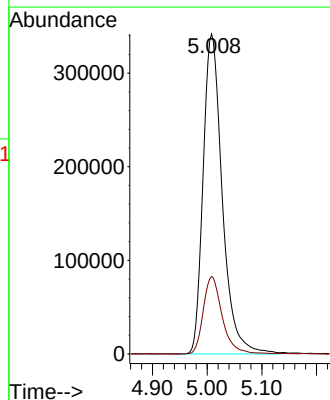
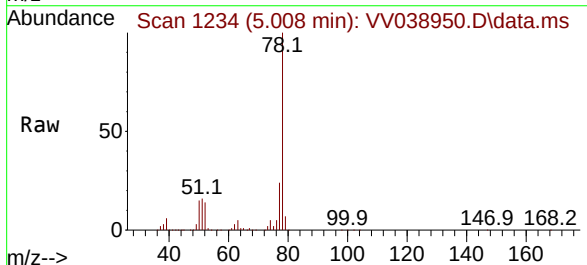
Acq: 13 Aug 2025 14:11

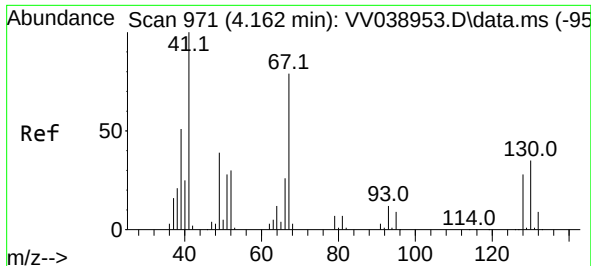
Tgt Ion: 78 Resp: 831929

Ion Ratio Lower Upper

78 100

77 24.2 19.4 29.0

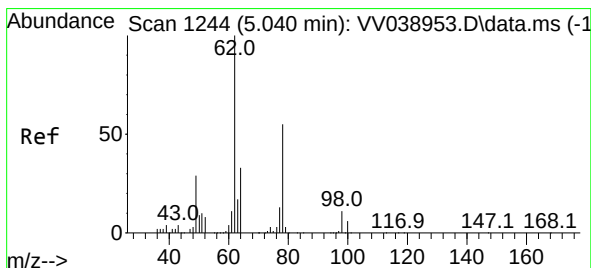
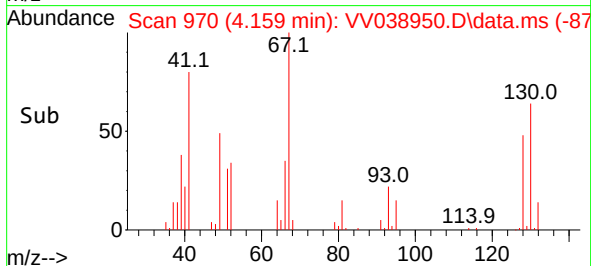
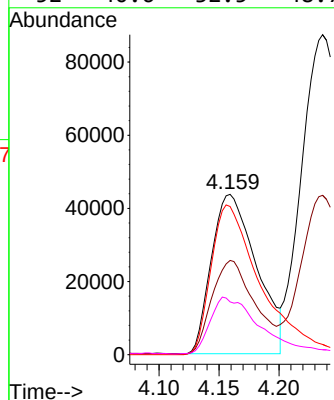
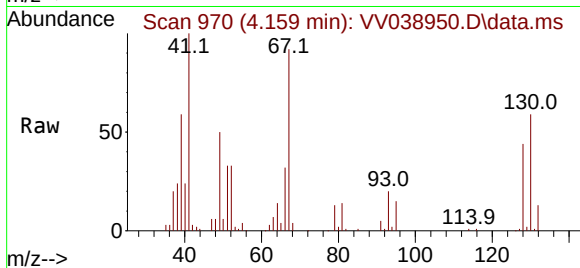




#41
Methacrylonitrile
Concen: 52.332 ug/l
RT: 4.159 min Scan# 91
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

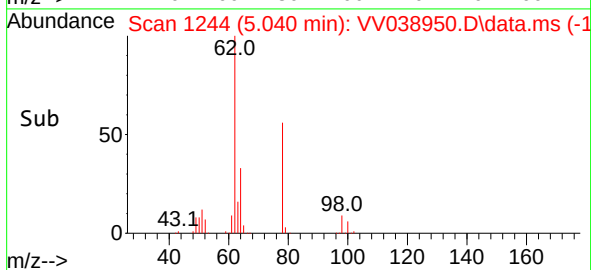
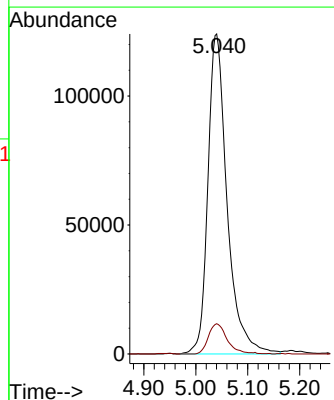
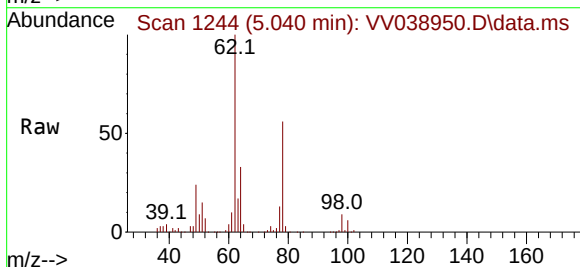
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

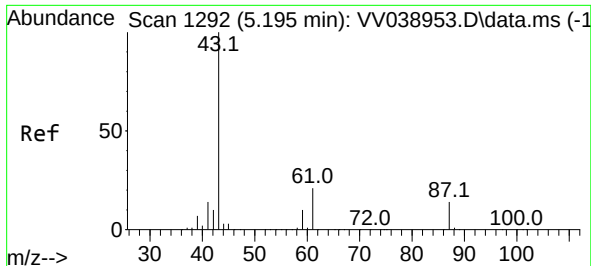
Tgt Ion:	41	Resp:	113890
Ion	Ratio	Lower	Upper
41	100		
39	55.8	44.6	67.0
67	104.4	83.5	125.3
52	40.6	32.5	48.7



#42
1,2-Dichloroethane
Concen: 58.006 ug/l
RT: 5.040 min Scan# 1244
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

Tgt Ion:	62	Resp:	318936
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2

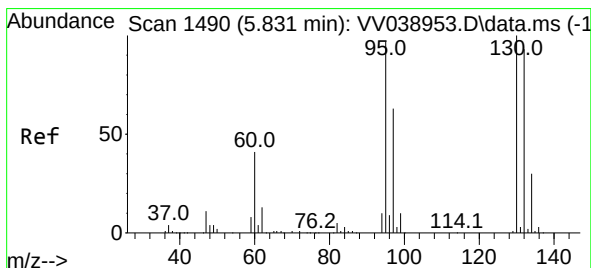
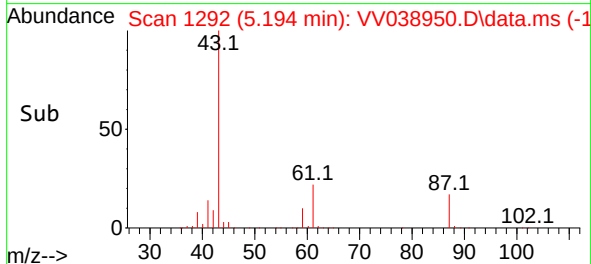
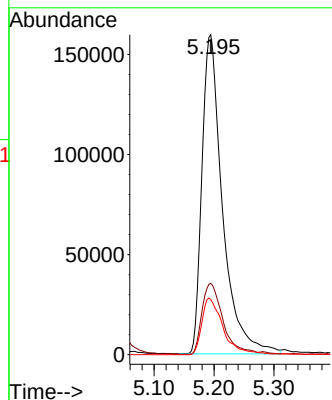
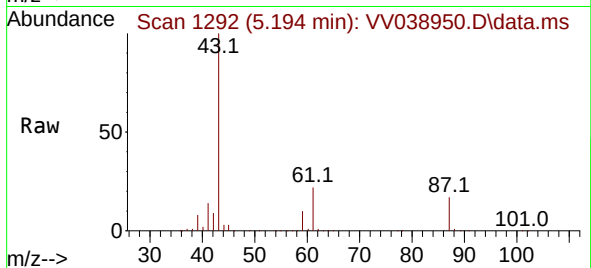




#43
Isopropyl Acetate
Concen: 50.458 ug/l
RT: 5.194 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

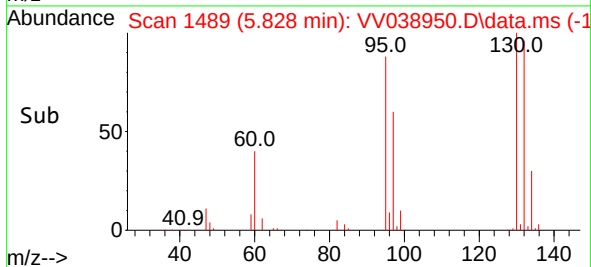
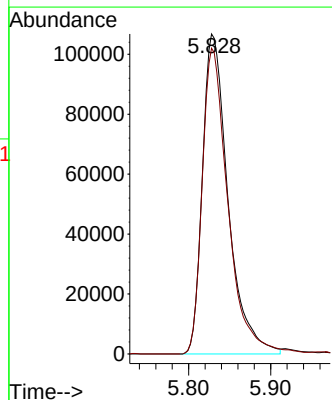
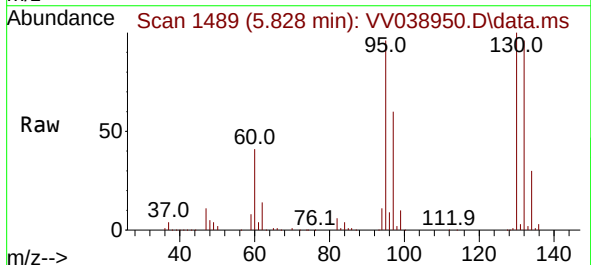
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

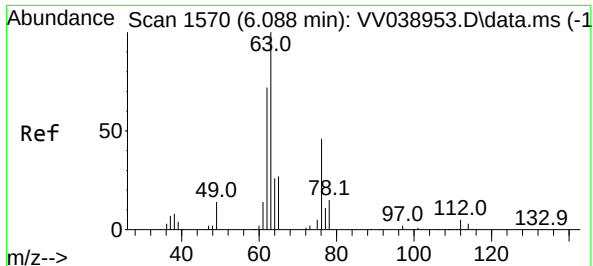
Tgt Ion: 43 Resp: 381710
Ion Ratio Lower Upper
43 100
61 22.7 18.2 27.2
87 18.3 14.6 22.0



#44
Trichloroethene
Concen: 60.877 ug/l
RT: 5.828 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

Tgt Ion:130 Resp: 231454
Ion Ratio Lower Upper
130 100
95 95.6 0.0 191.2





#45

1,2-Dichloropropane

Concen: 47.667 ug/l

RT: 6.088 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038950.D

Acq: 13 Aug 2025 14:11

Instrument :

MSVOA_V

ClientSampleId :

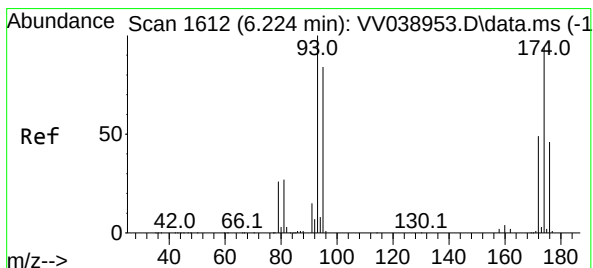
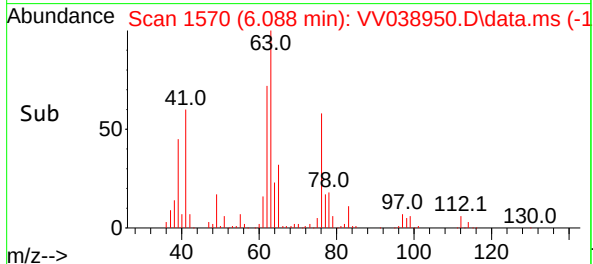
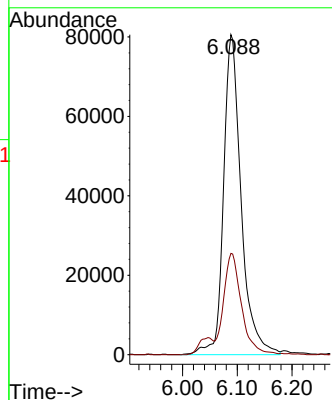
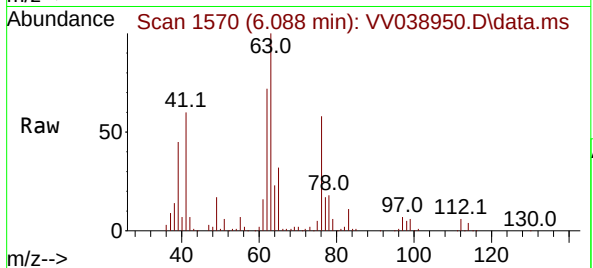
VSTDICCC050

Tgt Ion: 63 Resp: 179819

Ion Ratio Lower Upper

63 100

65 31.7 25.4 38.0



#46

Dibromomethane

Concen: 55.193 ug/l

RT: 6.223 min Scan# 1612

Delta R.T. 0.000 min

Lab File: VV038950.D

Acq: 13 Aug 2025 14:11

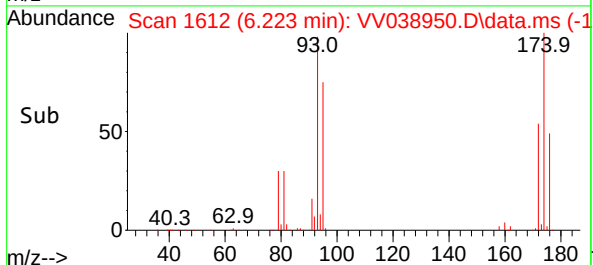
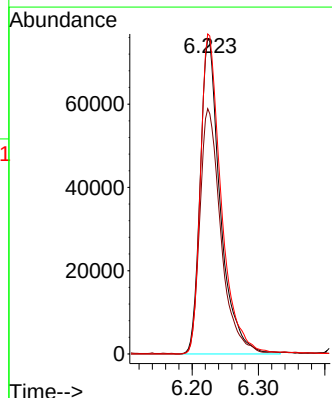
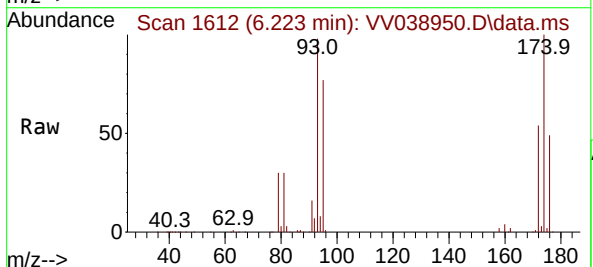
Tgt Ion: 93 Resp: 158689

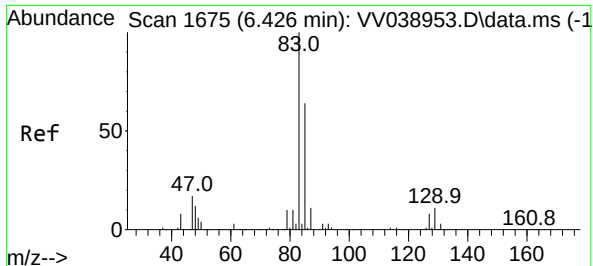
Ion Ratio Lower Upper

93 100

95 81.5 65.2 97.8

174 104.9 83.9 125.9

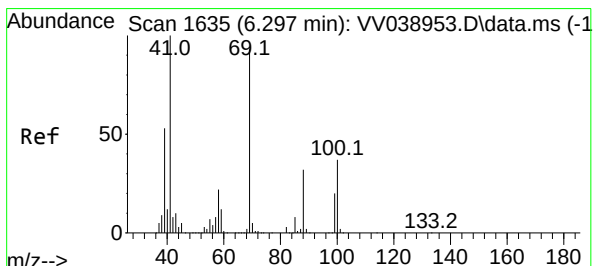
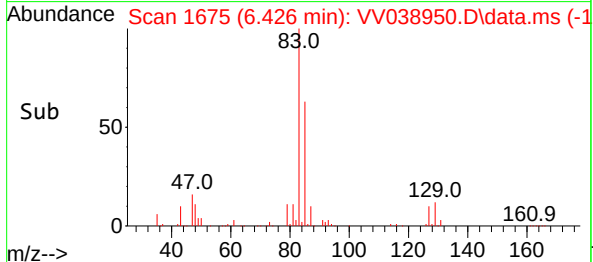
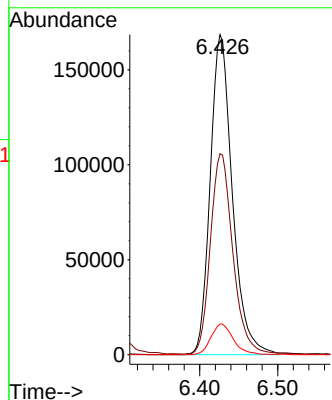
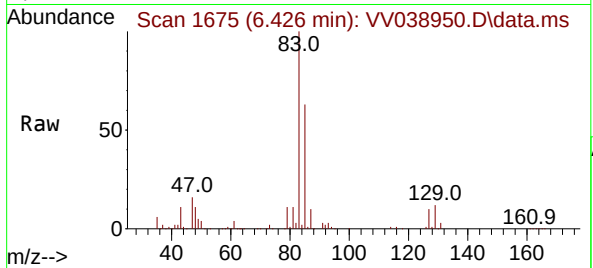




#47
Bromodichloromethane
Concen: 52.483 ug/l
RT: 6.426 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

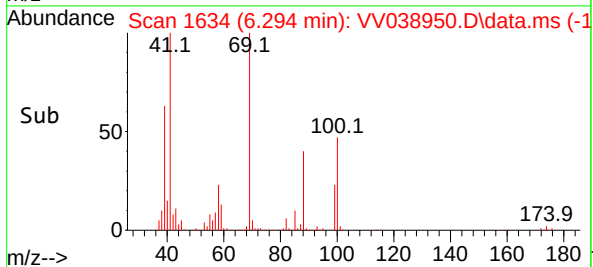
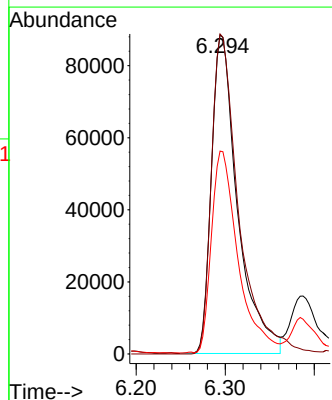
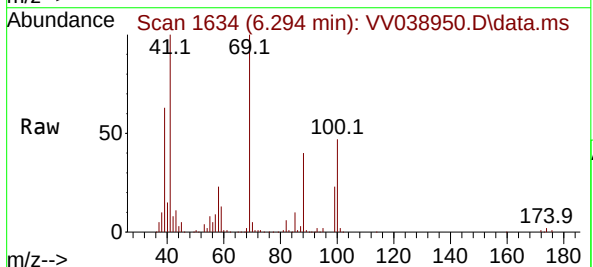
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

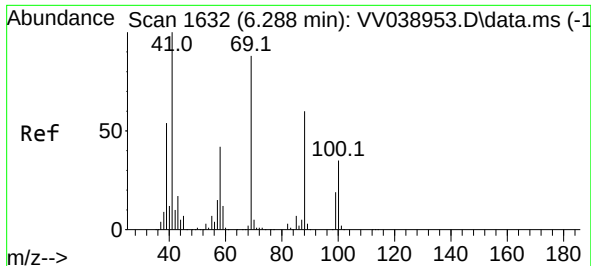
Tgt Ion: 83 Resp: 332266
Ion Ratio Lower Upper
83 100
85 62.6 50.1 75.1
127 9.6 7.7 11.5



#48
Methyl methacrylate
Concen: 53.835 ug/l
RT: 6.294 min Scan# 1634
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

Tgt Ion: 41 Resp: 179945
Ion Ratio Lower Upper
41 100
69 105.4 84.3 126.5
39 64.7 51.8 77.6





#49

1,4-Dioxane

Concen: 1135.410 ug/l

RT: 6.288 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038950.D

Acq: 13 Aug 2025 14:11

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

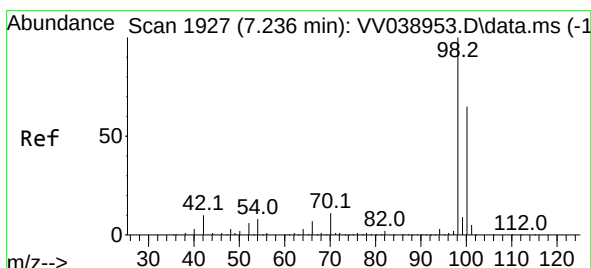
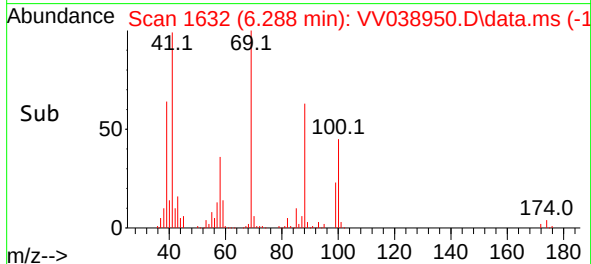
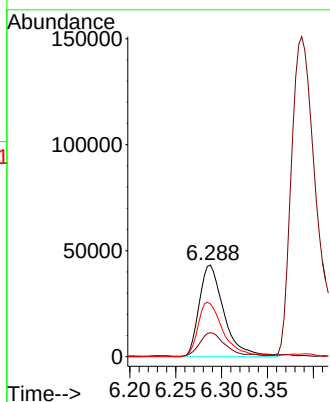
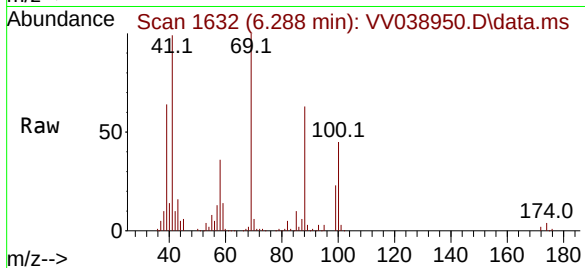
Tgt Ion: 88 Resp: 81201

Ion Ratio Lower Upper

88 100

43 26.8 21.4 32.2

58 60.6 48.5 72.7



#50

Toluene-d8

Concen: 47.200 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VV038950.D

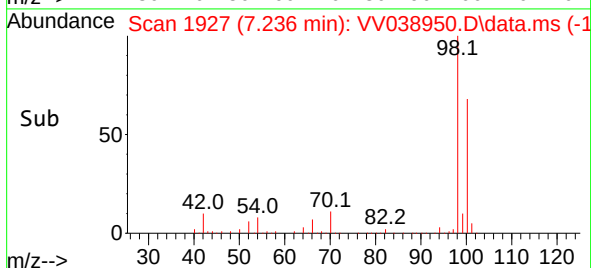
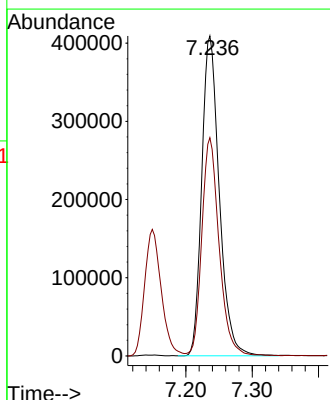
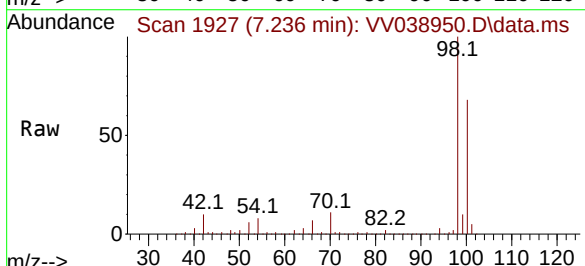
Acq: 13 Aug 2025 14:11

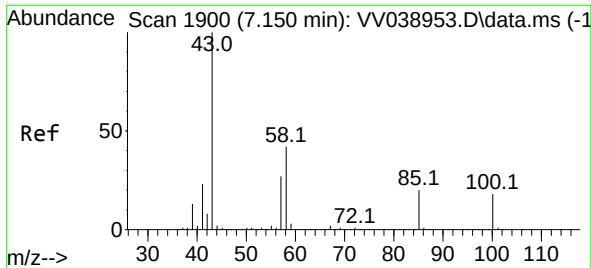
Tgt Ion: 98 Resp: 750904

Ion Ratio Lower Upper

98 100

100 67.2 53.8 80.6

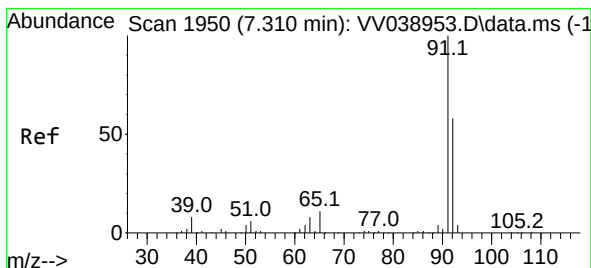
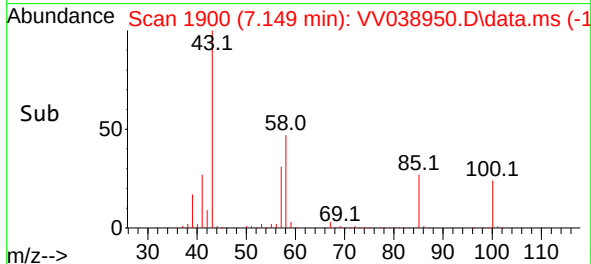
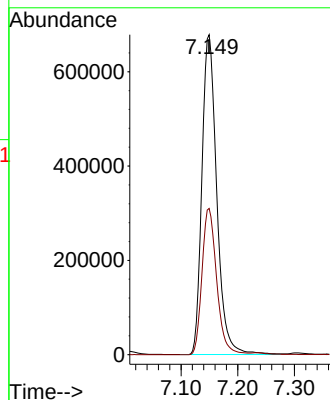
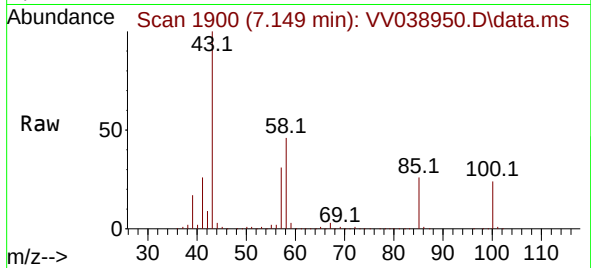




#51
4-Methyl-2-Pentanone
Concen: 240.137 ug/l
RT: 7.149 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

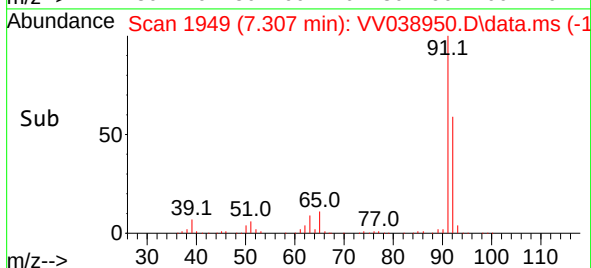
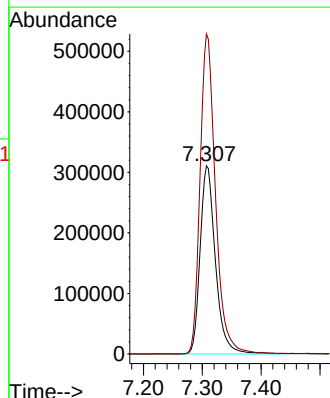
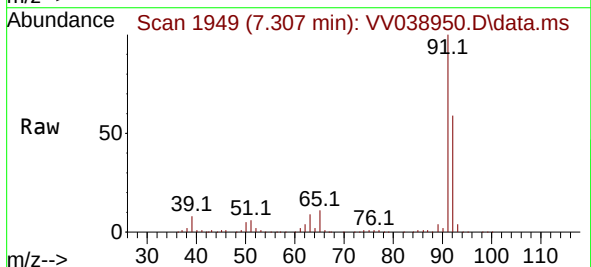
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

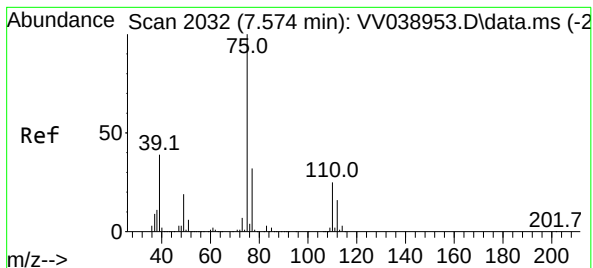
Tgt Ion: 43 Resp: 1234456
Ion Ratio Lower Upper
43 100
58 45.3 36.2 54.4



#52
Toluene
Concen: 62.920 ug/l
RT: 7.307 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

Tgt Ion: 92 Resp: 560394
Ion Ratio Lower Upper
92 100
91 171.7 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 58.880 ug/l

RT: 7.574 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VV038950.D

Acq: 13 Aug 2025 14:11

Instrument :

MSVOA_V

ClientSampleId :

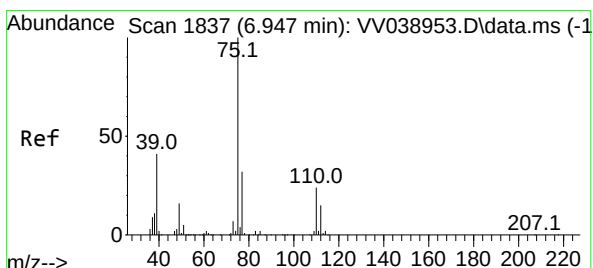
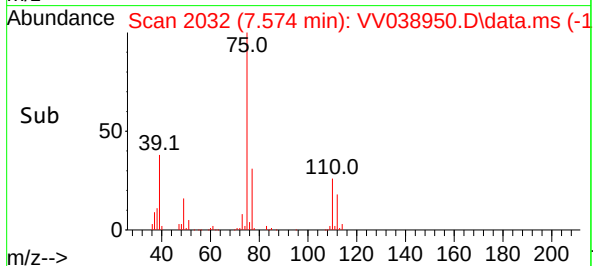
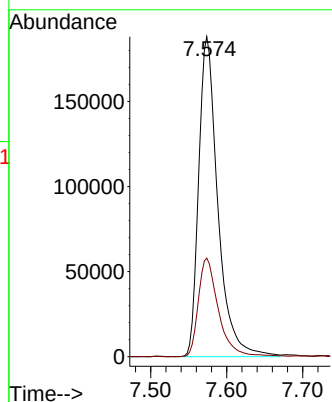
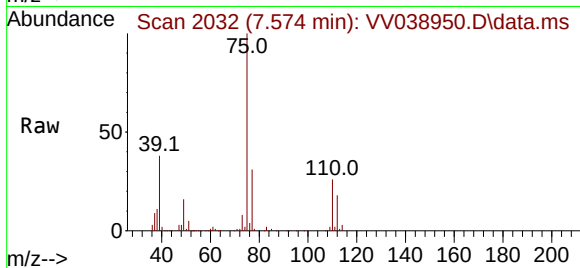
VSTDICCC050

Tgt Ion: 75 Resp: 329322

Ion Ratio Lower Upper

75 100

77 30.7 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 56.129 ug/l

RT: 6.947 min Scan# 1837

Delta R.T. 0.000 min

Lab File: VV038950.D

Acq: 13 Aug 2025 14:11

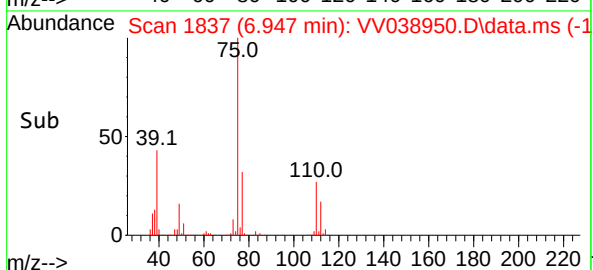
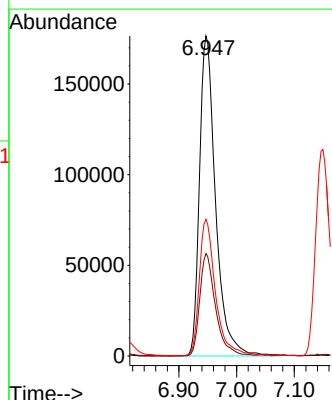
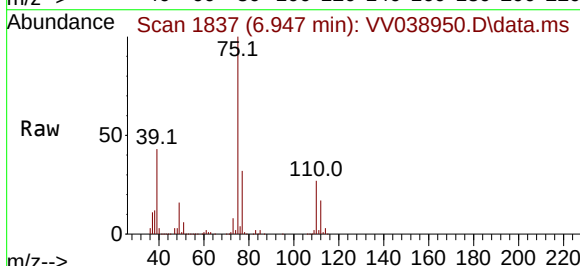
Tgt Ion: 75 Resp: 341514

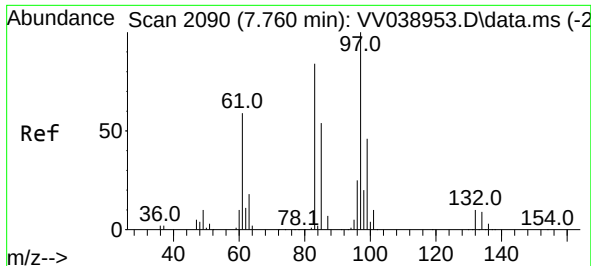
Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

39 42.6 34.1 51.1



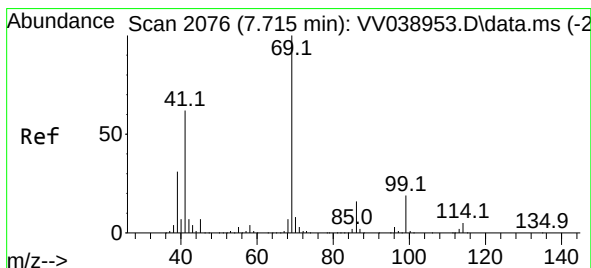
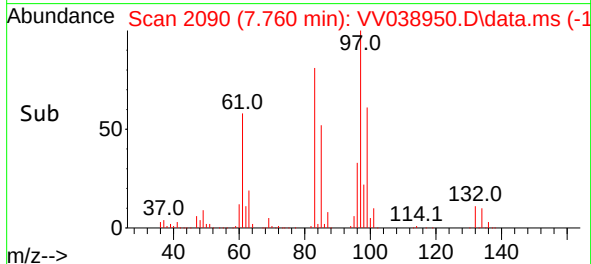
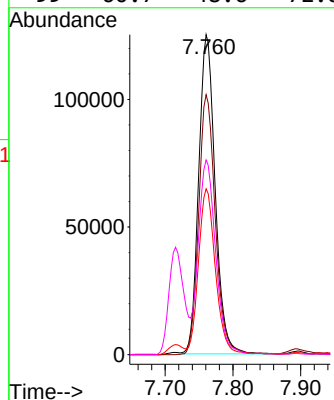
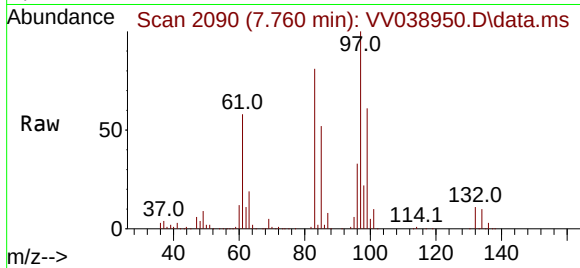


#55
 1,1,2-Trichloroethane
 Concen: 50.189 ug/l
 RT: 7.760 min Scan# 2090
 Delta R.T. 0.000 min
 Lab File: VV038950.D
 Acq: 13 Aug 2025 14:11

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 97 Resp: 211658

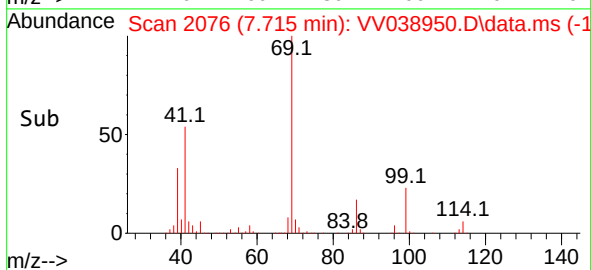
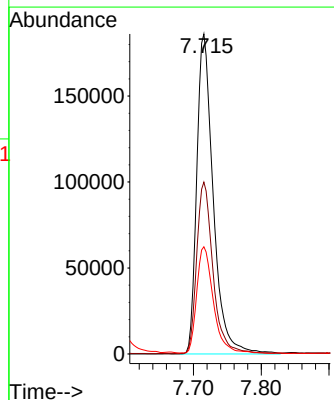
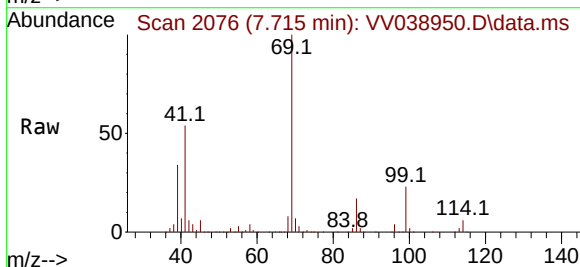
Ion	Ratio	Lower	Upper
97	100		
83	81.4	65.1	97.7
85	51.8	41.4	62.2
99	60.7	48.6	72.8

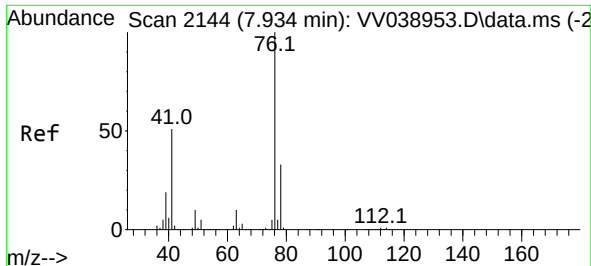


#56
 Ethyl methacrylate
 Concen: 63.072 ug/l
 RT: 7.715 min Scan# 2076
 Delta R.T. 0.000 min
 Lab File: VV038950.D
 Acq: 13 Aug 2025 14:11

Tgt Ion: 69 Resp: 314466

Ion	Ratio	Lower	Upper
69	100		
41	53.2	42.6	63.8
39	33.6	26.9	40.3





#57

1,3-Dichloropropane

Concen: 51.894 ug/l

RT: 7.934 min Scan# 2144

Delta R.T. 0.000 min

Lab File: VV038950.D

Acq: 13 Aug 2025 14:11

Instrument :

MSVOA_V

ClientSampleId :

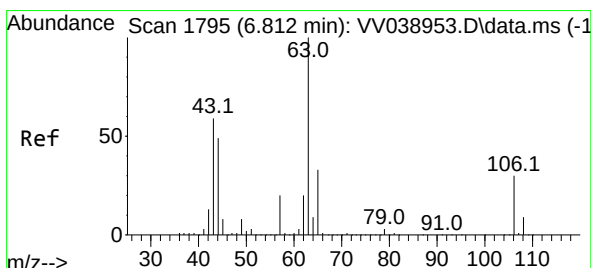
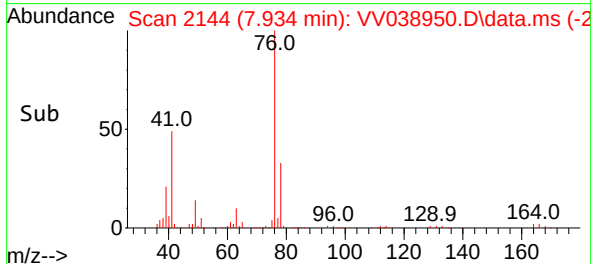
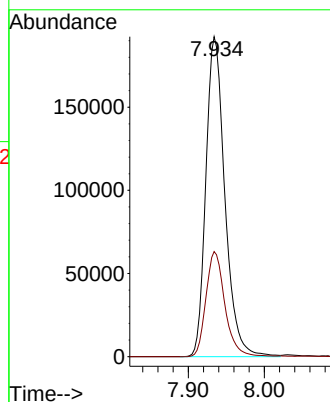
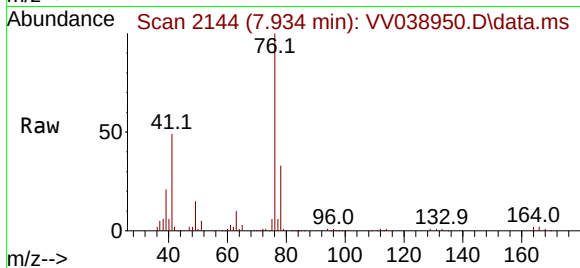
VSTDICCC050

Tgt Ion: 76 Resp: 334389

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 289.635 ug/l

RT: 6.812 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VV038950.D

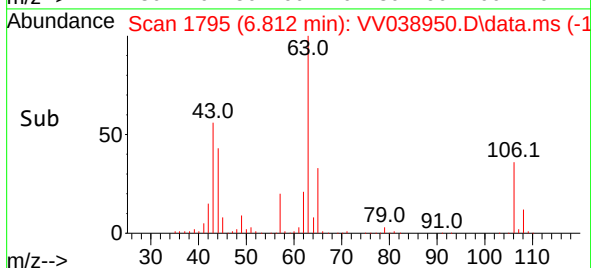
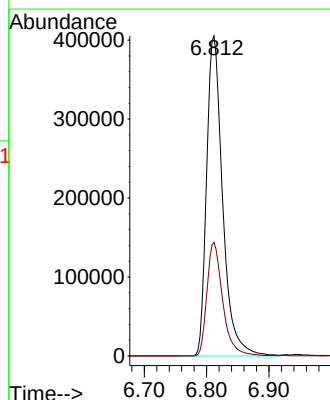
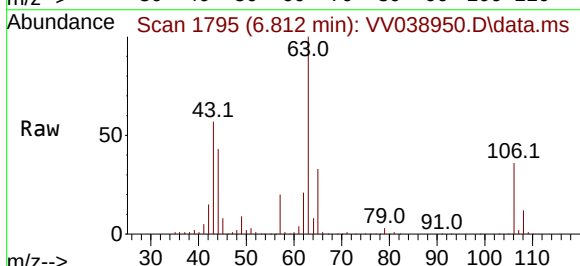
Acq: 13 Aug 2025 14:11

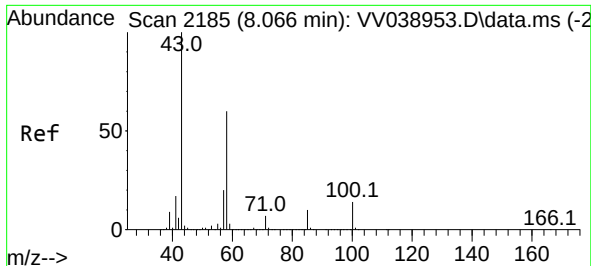
Tgt Ion: 63 Resp: 724369

Ion Ratio Lower Upper

63 100

106 34.9 27.9 41.9

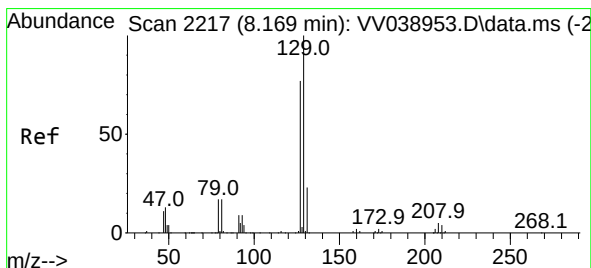
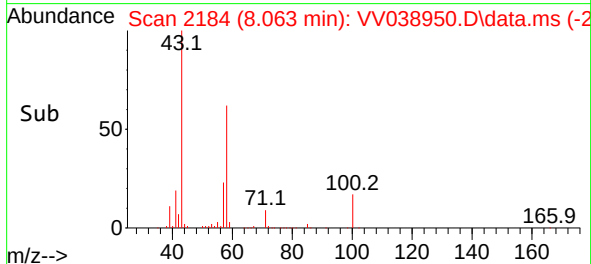
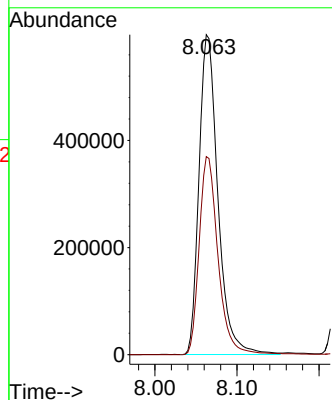
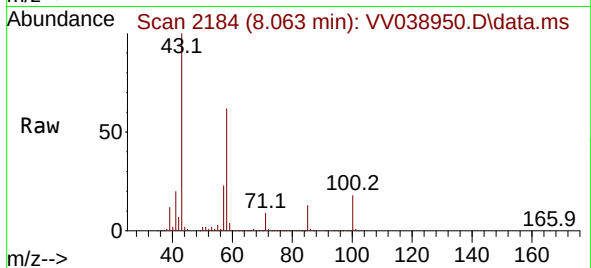




#59
2-Hexanone
Concen: 256.899 ug/l
RT: 8.063 min Scan# 2184
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

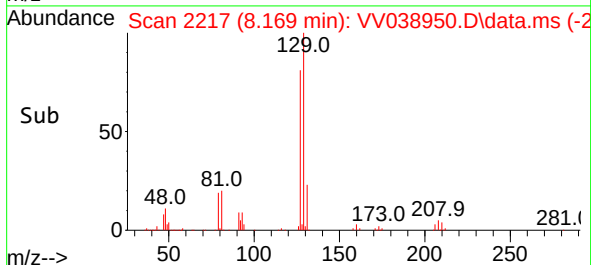
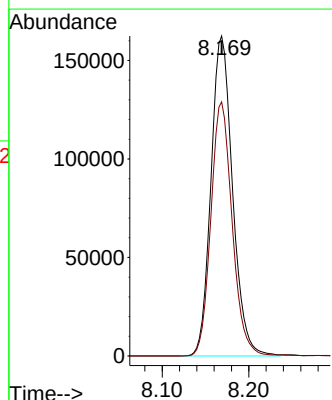
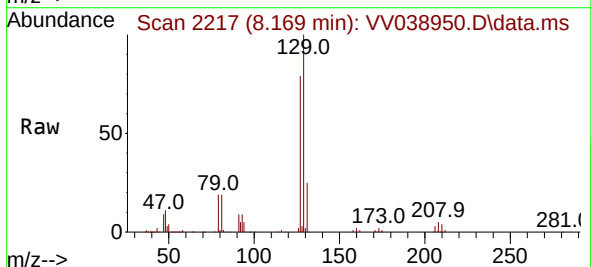
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

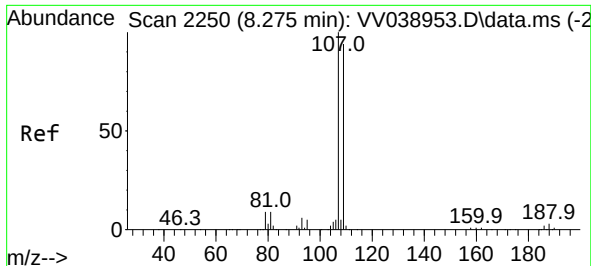
Tgt Ion: 43 Resp: 956732
Ion Ratio Lower Upper
43 100
58 62.2 31.1 93.3



#60
Dibromochloromethane
Concen: 53.945 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

Tgt Ion:129 Resp: 281410
Ion Ratio Lower Upper
129 100
127 78.4 39.2 117.6

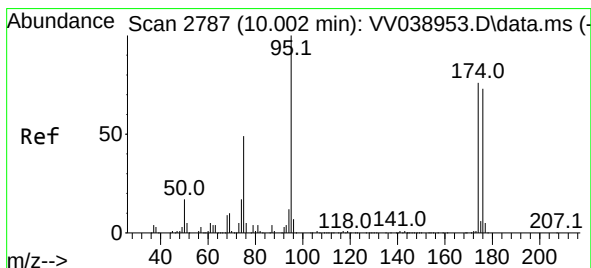
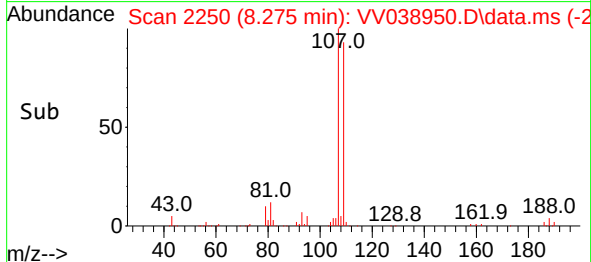
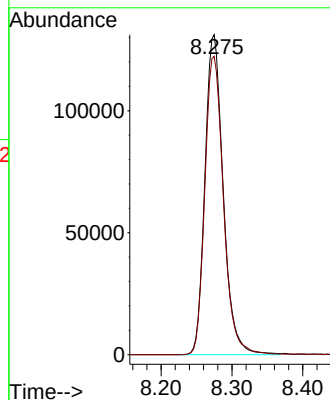
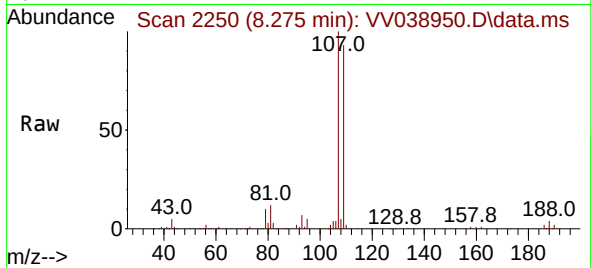




#61
1,2-Dibromoethane
Concen: 55.334 ug/l
RT: 8.275 min Scan# 211
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

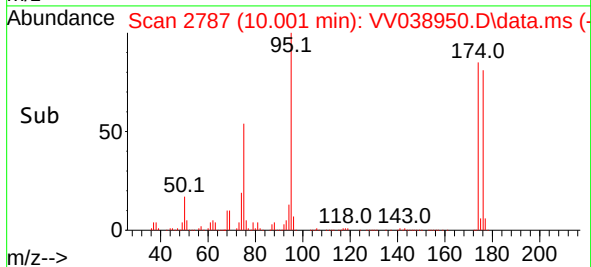
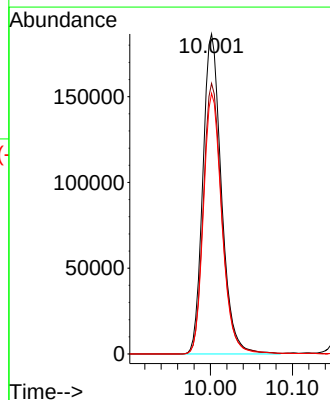
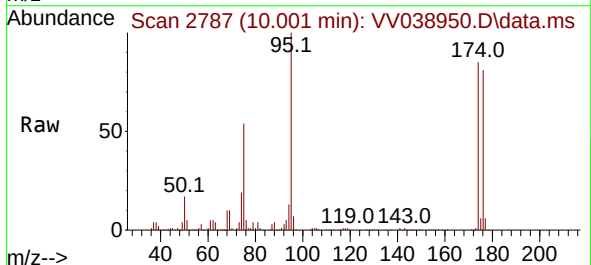
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

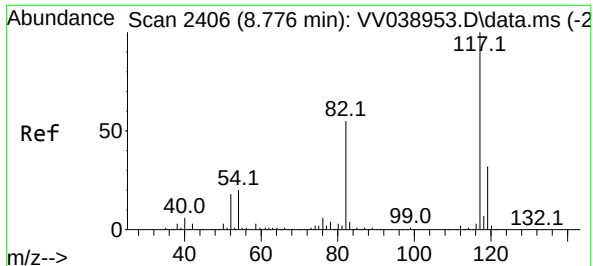
Tgt Ion:107 Resp: 235110
Ion Ratio Lower Upper
107 100
109 95.0 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 50.778 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

Tgt Ion: 95 Resp: 292859
Ion Ratio Lower Upper
95 100
174 84.9 0.0 169.8
176 81.1 0.0 162.2

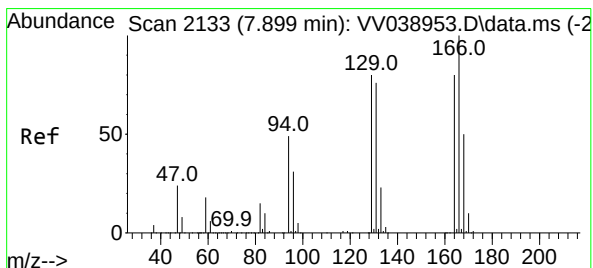
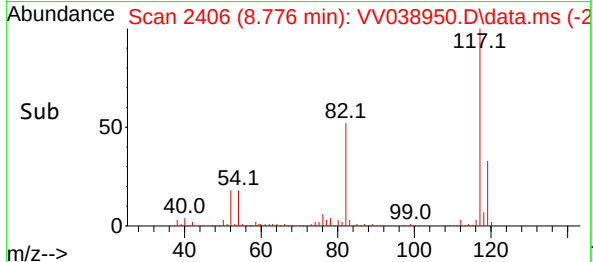
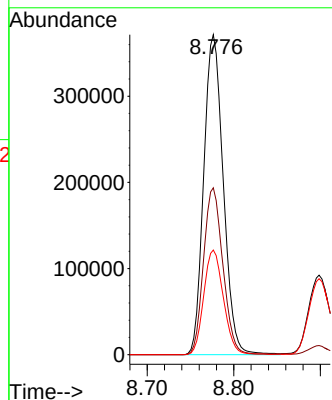
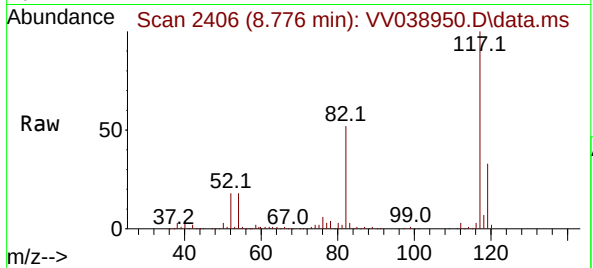




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

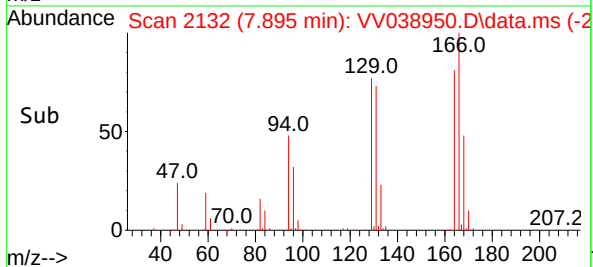
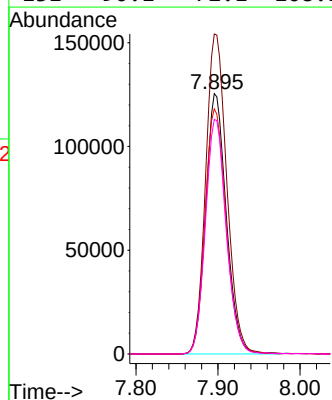
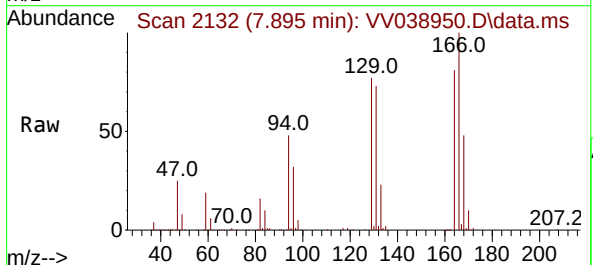
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

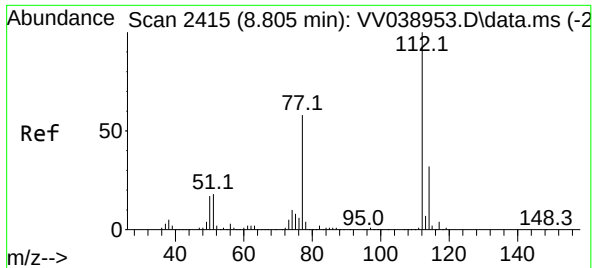
Tgt Ion:117 Resp: 581904
Ion Ratio Lower Upper
117 100
82 52.1 41.7 62.5
119 32.7 26.2 39.2



#64
Tetrachloroethene
Concen: 61.515 ug/l
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

Tgt Ion:164 Resp: 220346
Ion Ratio Lower Upper
164 100
166 122.9 98.3 147.5
129 94.2 75.4 113.0
131 90.1 72.1 108.1

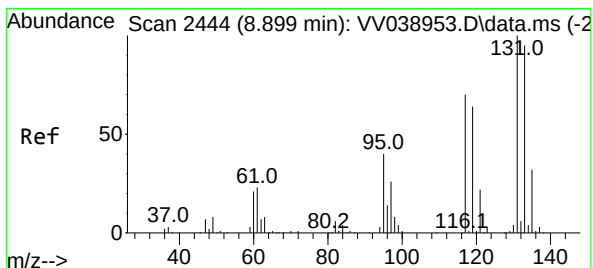
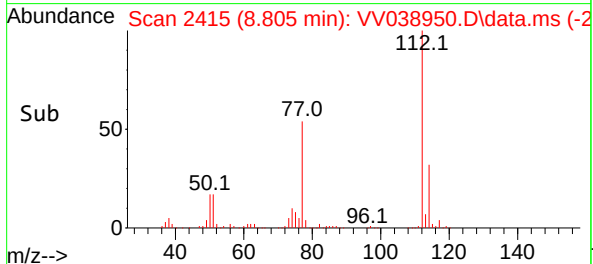
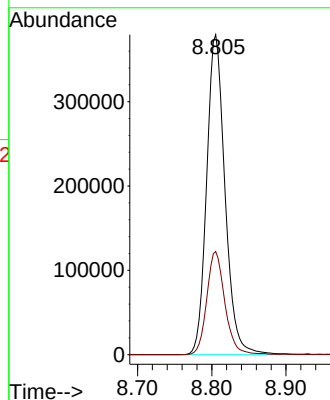
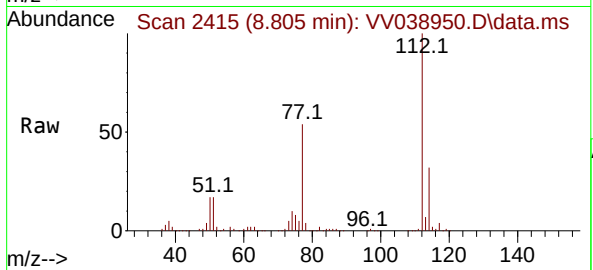




#65
Chlorobenzene
Concen: 56.017 ug/l
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

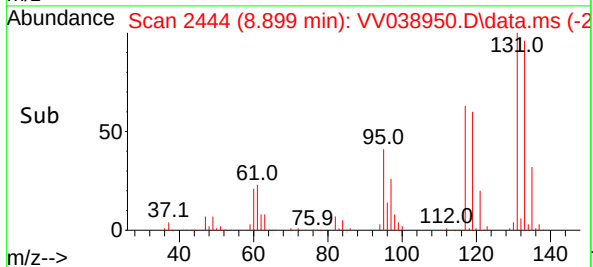
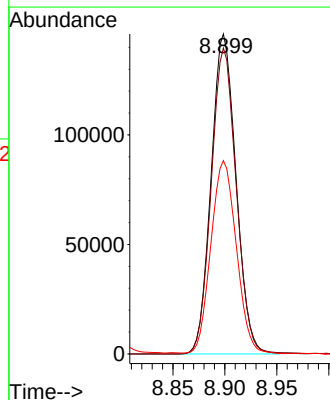
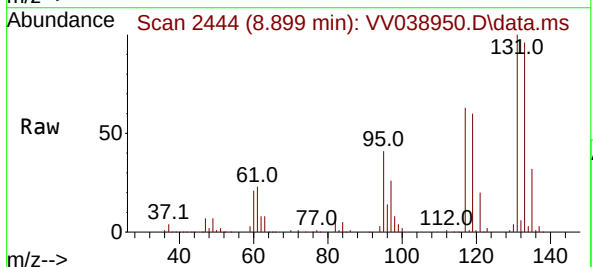
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

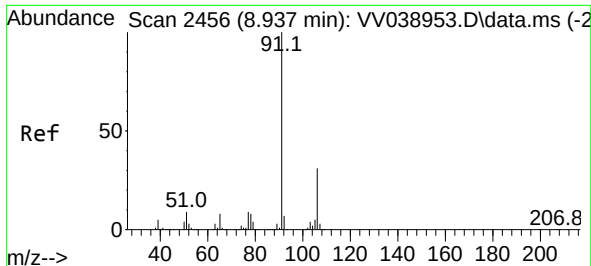
Tgt Ion:112 Resp: 650792
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.489 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

Tgt Ion:131 Resp: 242908
Ion Ratio Lower Upper
131 100
133 96.3 48.1 144.4
119 61.8 30.9 92.7

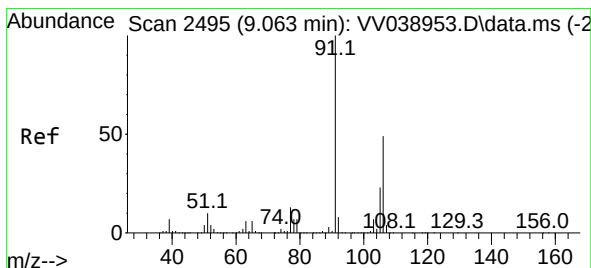
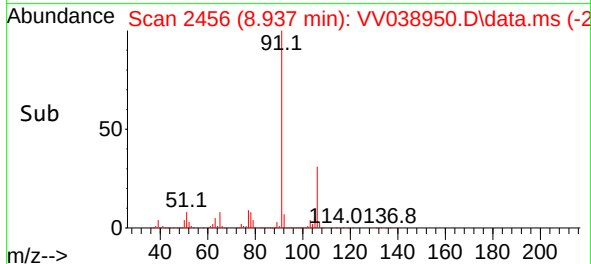
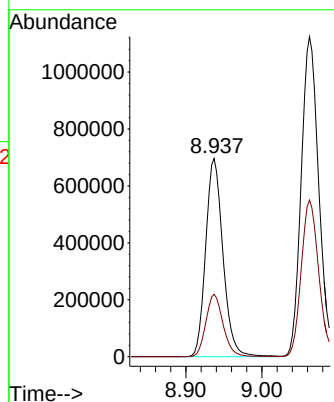
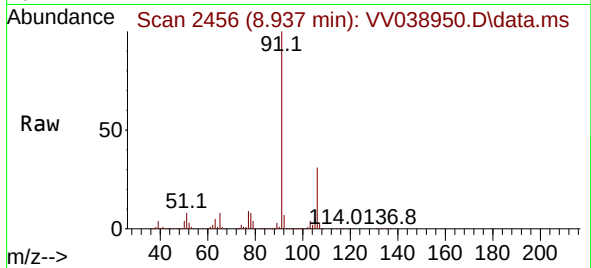




#67
Ethyl Benzene
Concen: 63.704 ug/l
RT: 8.937 min Scan# 2456
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

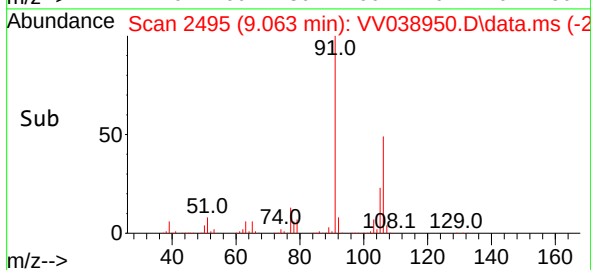
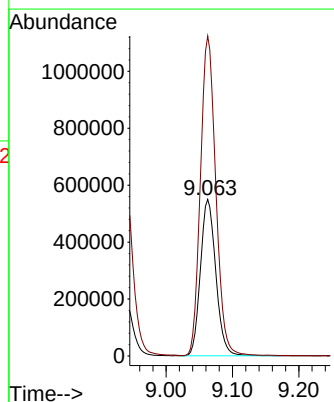
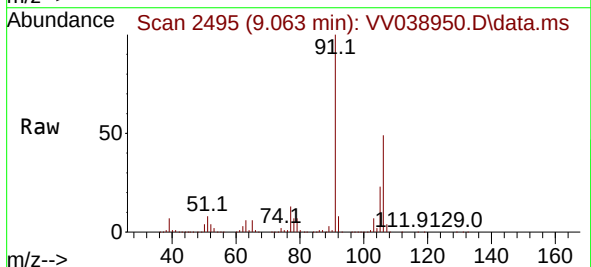
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

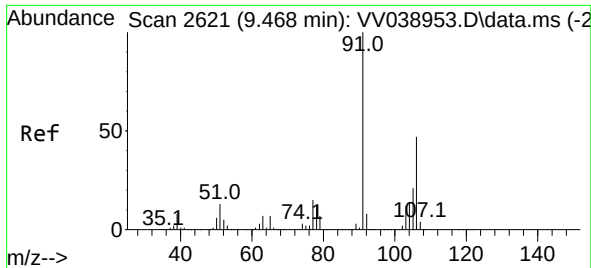
Tgt Ion: 91 Resp: 1099730
Ion Ratio Lower Upper
91 100
106 31.5 25.2 37.8



#68
m/p-Xylenes
Concen: 132.954 ug/l
RT: 9.063 min Scan# 2495
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

Tgt Ion: 106 Resp: 885883
Ion Ratio Lower Upper
106 100
91 203.6 162.9 244.3

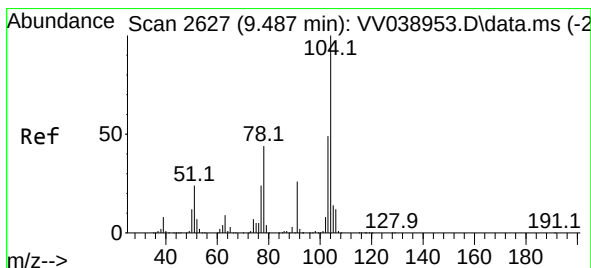
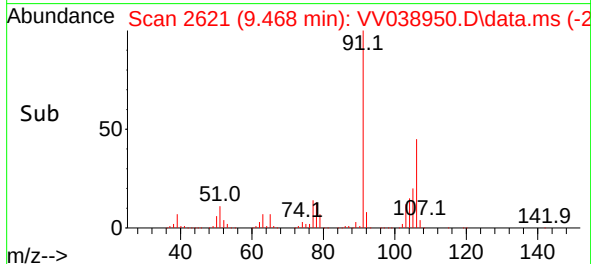
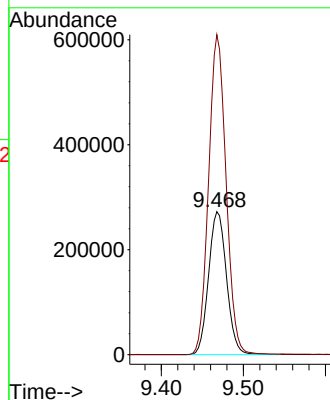
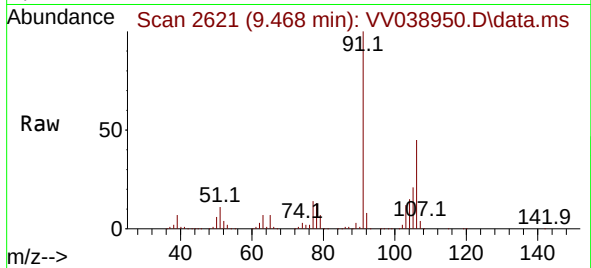




#69
o-Xylene
Concen: 65.944 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

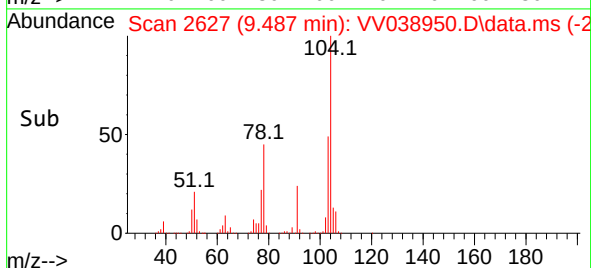
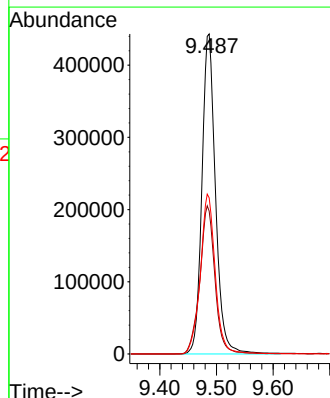
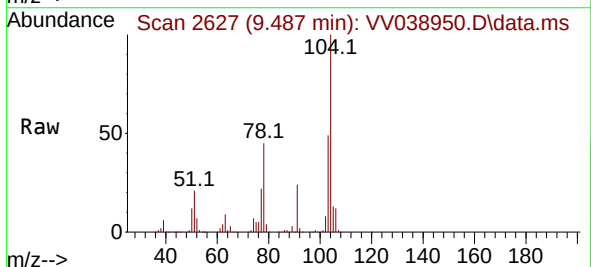
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

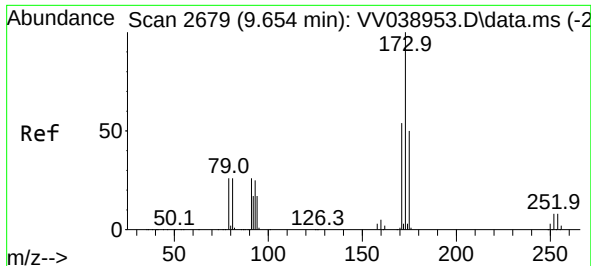
Tgt Ion:106 Resp: 414124
Ion Ratio Lower Upper
106 100
91 217.6 108.8 326.4



#70
Styrene
Concen: 65.971 ug/l
RT: 9.487 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

Tgt Ion:104 Resp: 739287
Ion Ratio Lower Upper
104 100
78 51.3 41.0 61.6
103 54.8 43.8 65.8

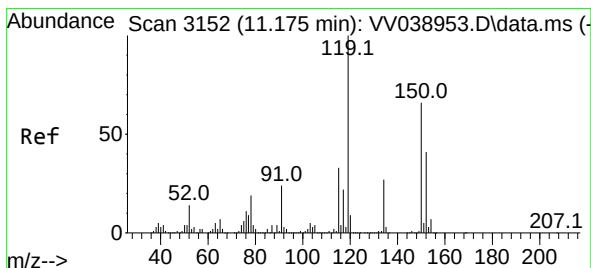
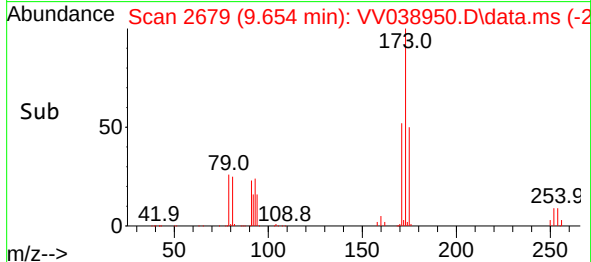
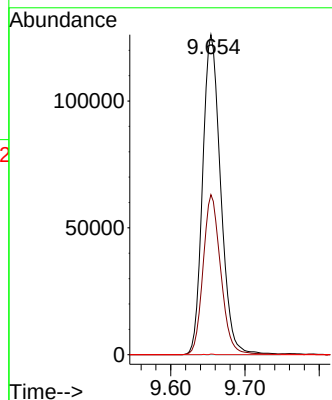
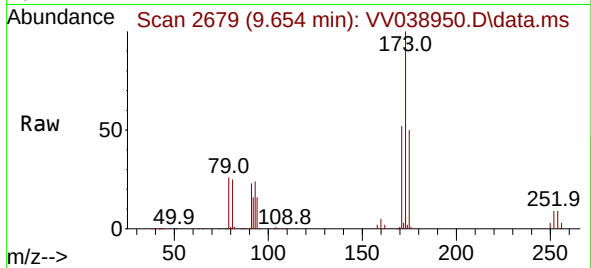




#71
Bromoform
Concen: 55.672 ug/l
RT: 9.654 min Scan# 2679
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

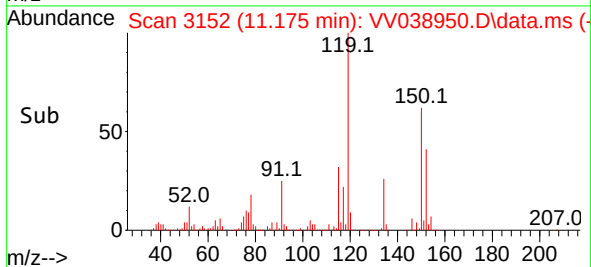
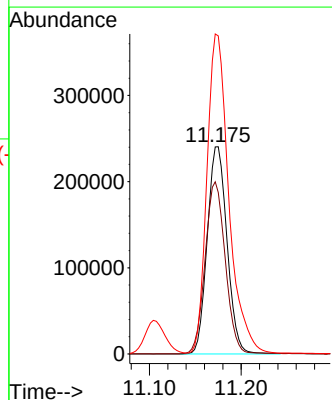
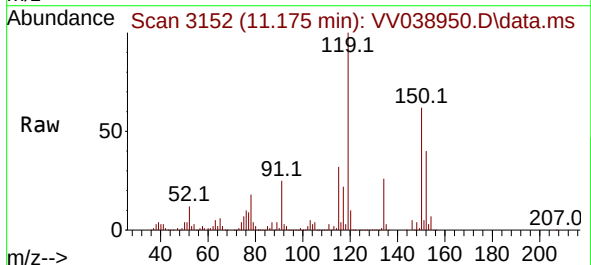
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

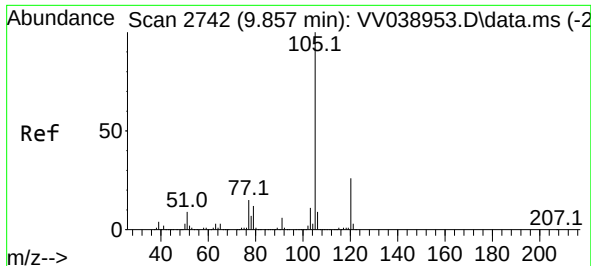
Tgt Ion:173 Resp: 212964
Ion Ratio Lower Upper
173 100
175 49.0 24.5 73.5
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

Tgt Ion:152 Resp: 360676
Ion Ratio Lower Upper
152 100
115 84.5 42.3 126.8
150 170.3 0.0 340.6

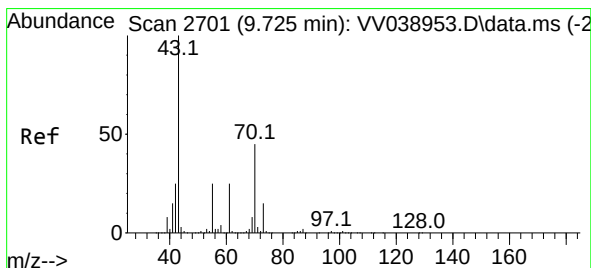
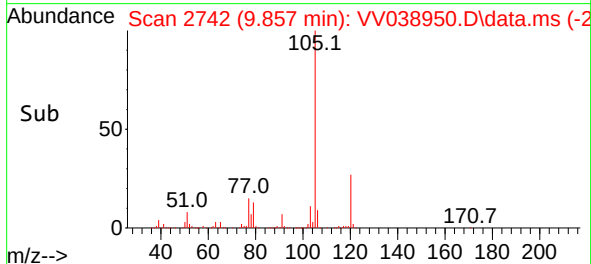
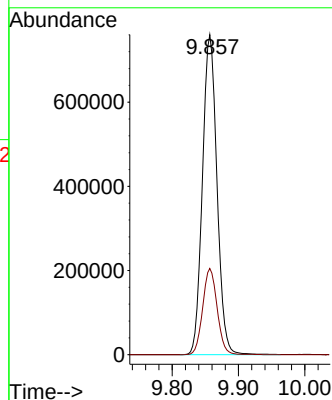
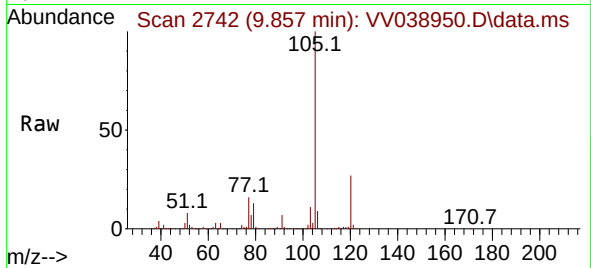




#73
Isopropylbenzene
Concen: 59.987 ug/l
RT: 9.857 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

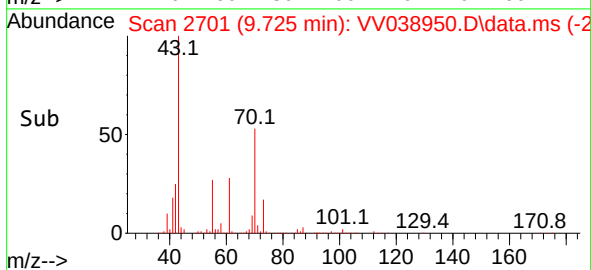
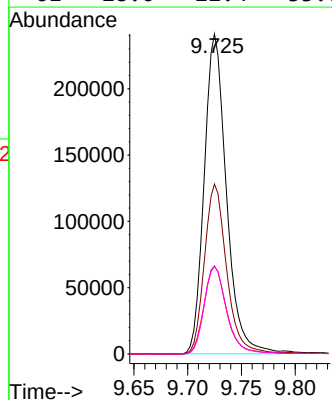
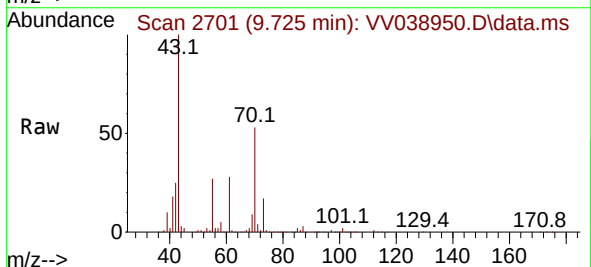
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

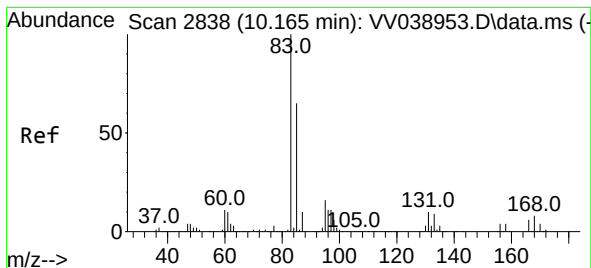
Tgt Ion:105 Resp: 1154351
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.2



#74
N-ethyl acetate
Concen: 53.033 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

Tgt Ion: 43 Resp: 347278
Ion Ratio Lower Upper
43 100
70 53.4 42.7 64.1
55 27.9 22.3 33.5
61 28.0 22.4 33.6

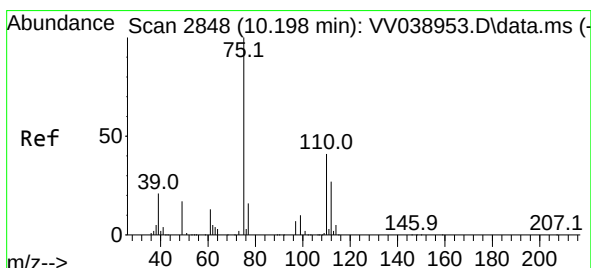
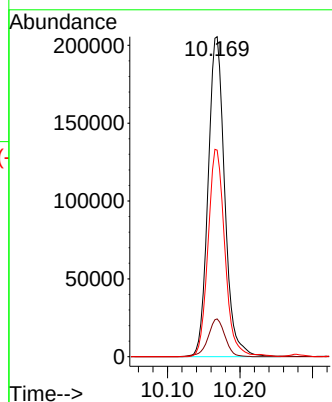
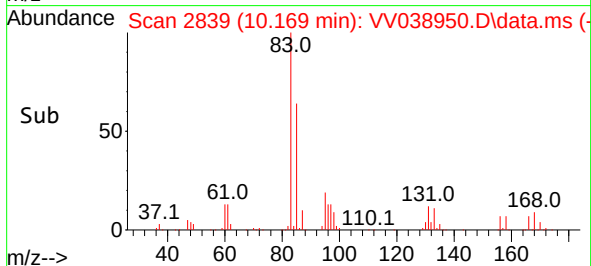
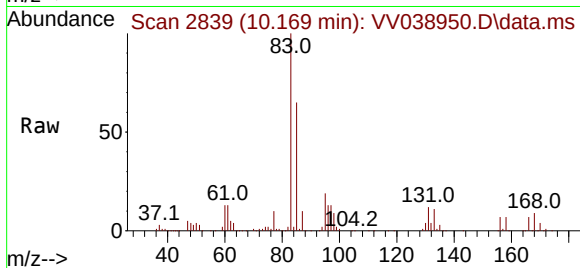




#75
1,1,2,2-Tetrachloroethane
Concen: 41.420 ug/l
RT: 10.169 min Scan# 2839
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

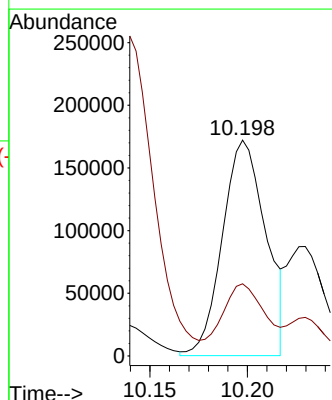
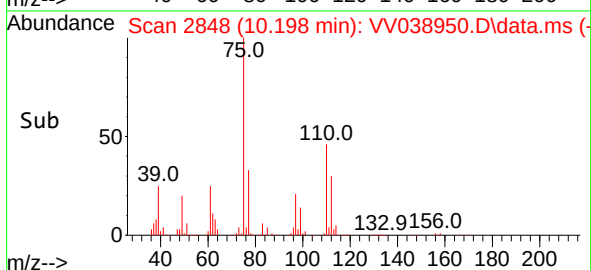
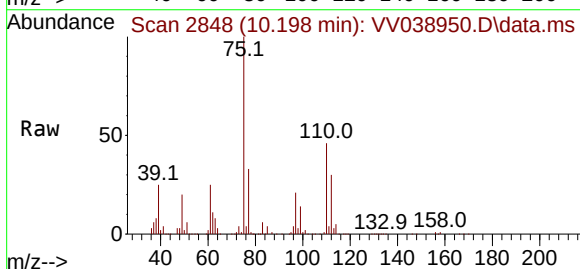
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

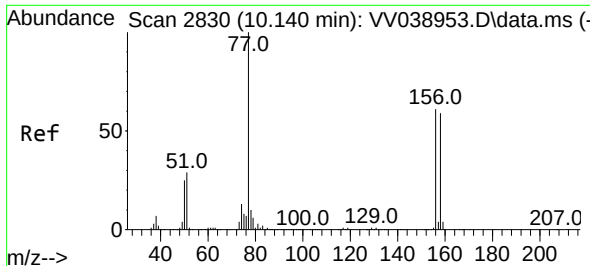
Tgt Ion: 83 Resp: 327051
Ion Ratio Lower Upper
83 100
131 12.1 6.0 18.1
85 65.8 32.9 98.7



#76
1,2,3-Trichloropropane
Concen: 45.676 ug/l
RT: 10.198 min Scan# 2848
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

Tgt Ion: 75 Resp: 266619
Ion Ratio Lower Upper
75 100
77 33.6 16.8 50.4

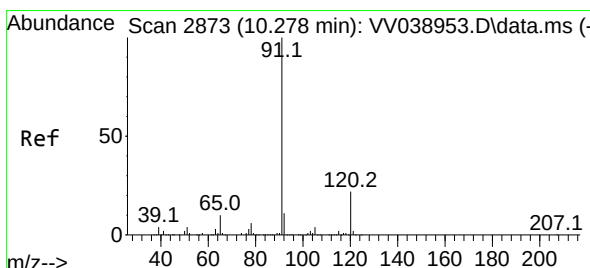
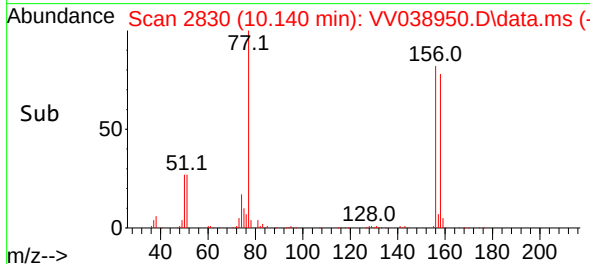
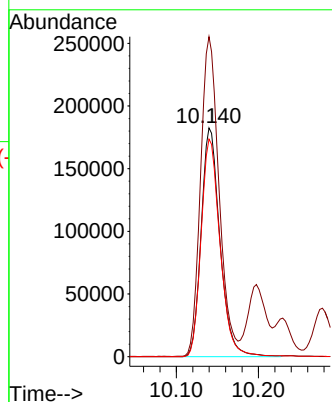
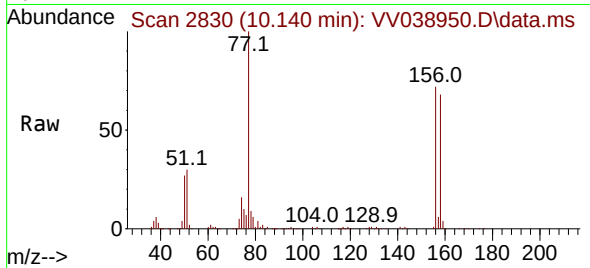




#77
Bromobenzene
Concen: 55.996 ug/l
RT: 10.140 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

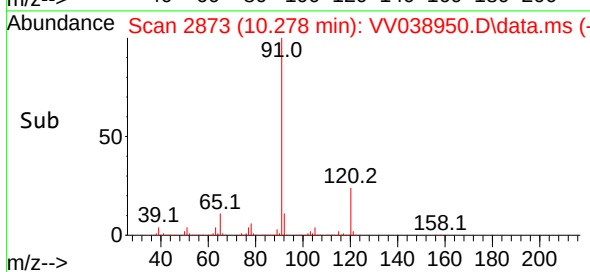
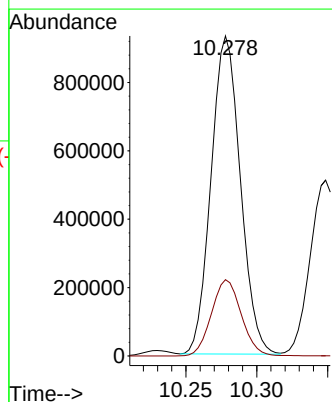
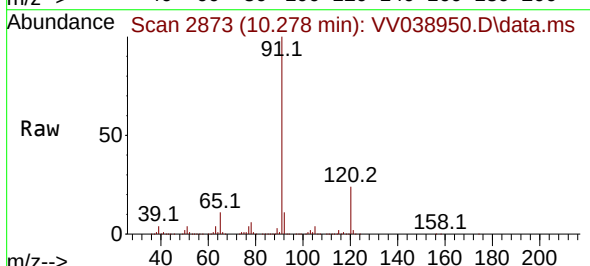
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

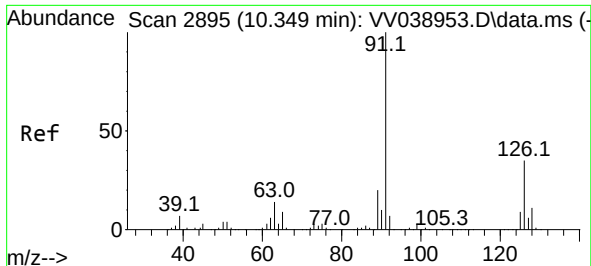
Tgt Ion:156 Resp: 290006
Ion Ratio Lower Upper
156 100
77 137.4 68.7 206.1
158 96.1 48.0 144.2



#78
n-propylbenzene
Concen: 59.413 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

Tgt Ion: 91 Resp: 1339770
Ion Ratio Lower Upper
91 100
120 24.5 12.3 36.8

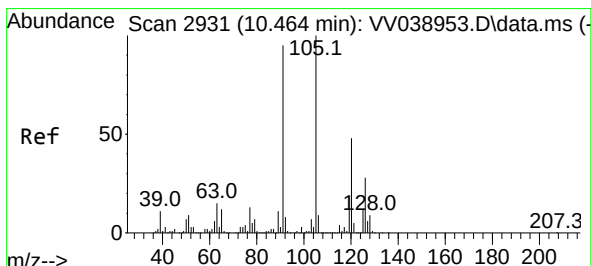
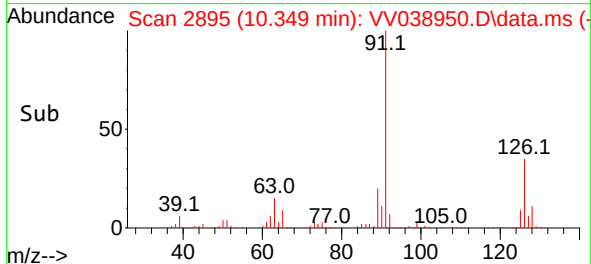
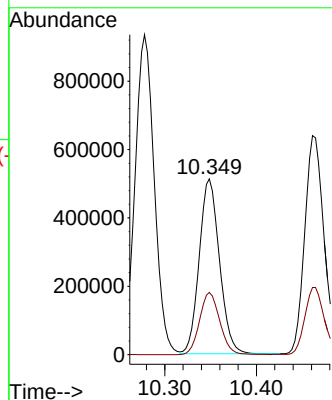
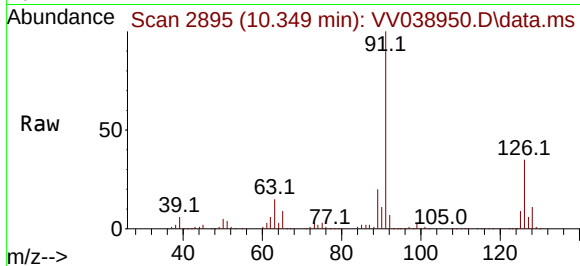




#79
2-Chlorotoluene
Concen: 56.897 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

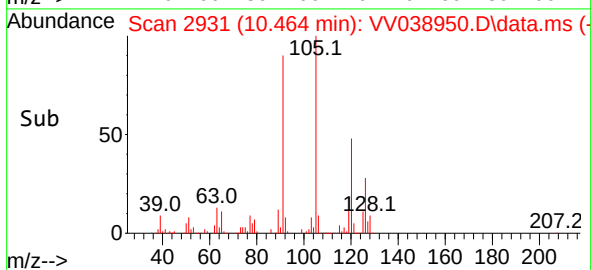
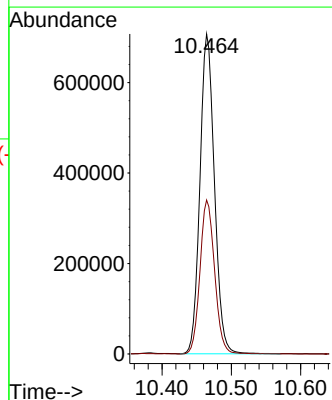
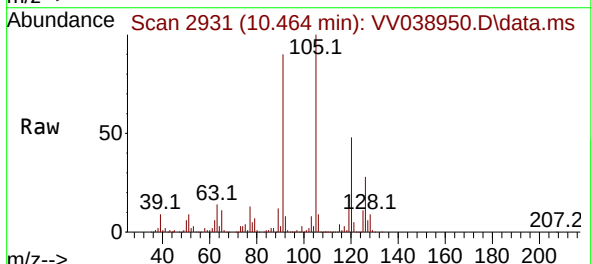
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

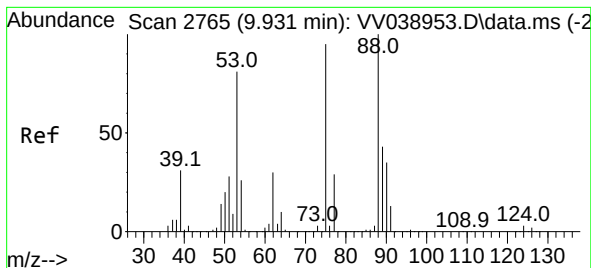
Tgt Ion: 91 Resp: 784538
Ion Ratio Lower Upper
91 100
126 35.6 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 62.986 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

Tgt Ion:105 Resp: 1027657
Ion Ratio Lower Upper
105 100
120 48.7 24.3 73.0





#81

trans-1,4-Dichloro-2-butene

Concen: 51.381 ug/l

RT: 9.927 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV038950.D

Acq: 13 Aug 2025 14:11

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

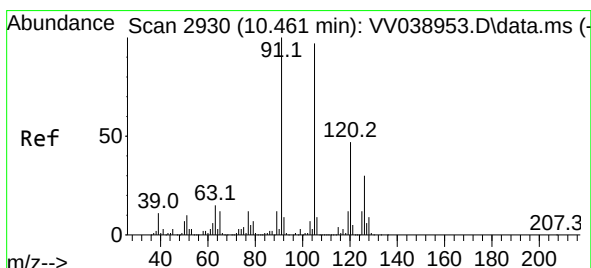
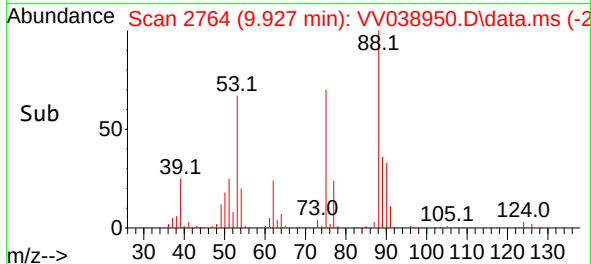
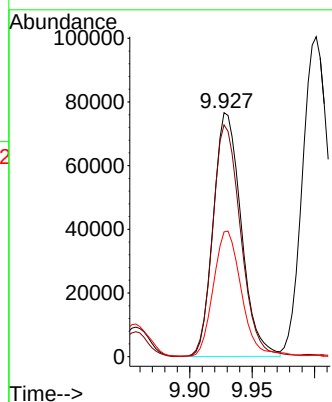
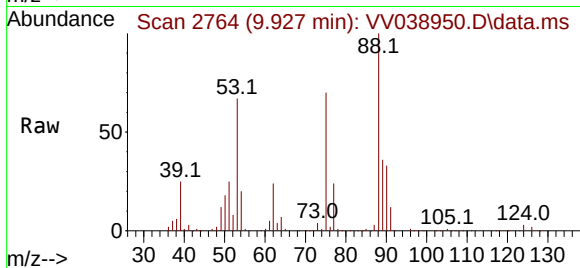
Tgt Ion: 75 Resp: 119609

Ion Ratio Lower Upper

75 100

53 94.5 75.6 113.4

89 51.4 41.1 61.7



#82

4-Chlorotoluene

Concen: 58.402 ug/l

RT: 10.461 min Scan# 2930

Delta R.T. 0.000 min

Lab File: VV038950.D

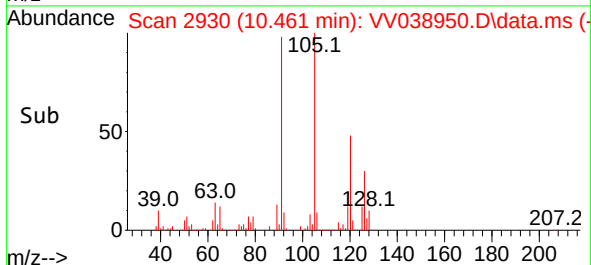
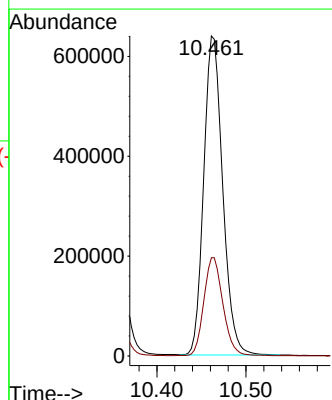
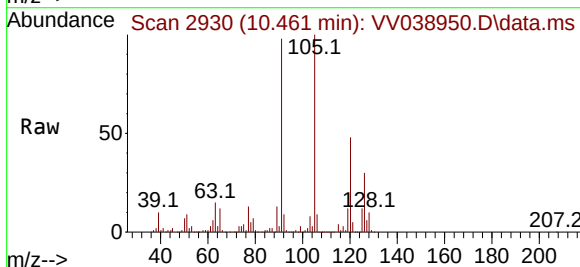
Acq: 13 Aug 2025 14:11

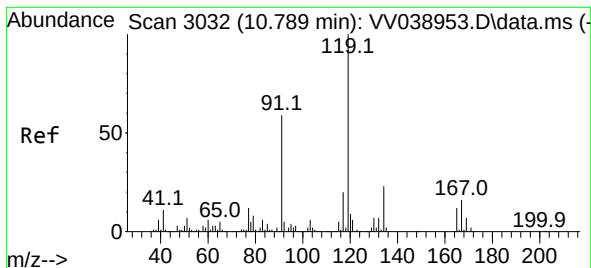
Tgt Ion: 91 Resp: 943793

Ion Ratio Lower Upper

91 100

126 31.0 15.5 46.5





#83

tert-Butylbenzene

Concen: 59.368 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV038950.D

Acq: 13 Aug 2025 14:11

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

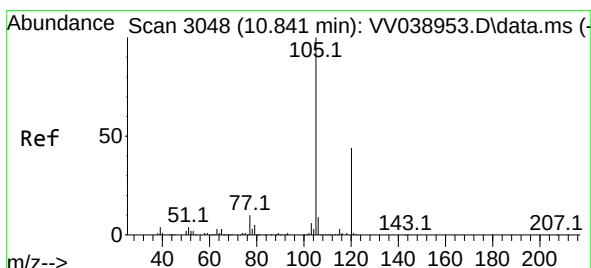
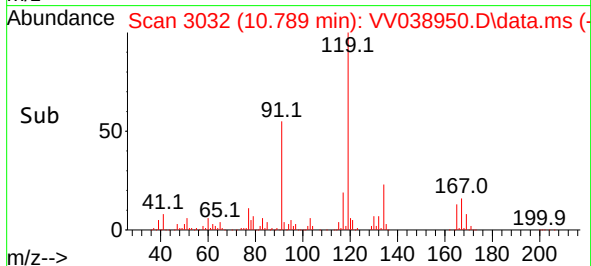
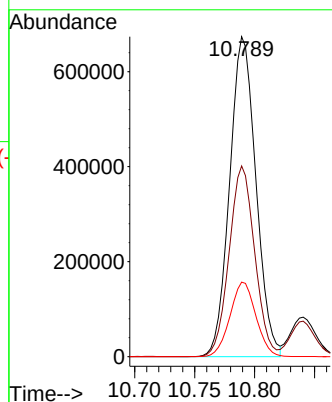
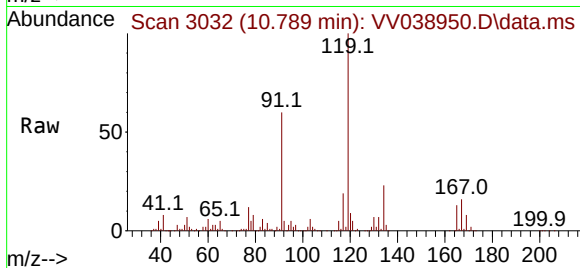
Tgt Ion:119 Resp: 1028579

Ion Ratio Lower Upper

119 100

91 57.8 28.9 86.7

134 23.1 11.6 34.7



#84

1,2,4-Trimethylbenzene

Concen: 63.178 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VV038950.D

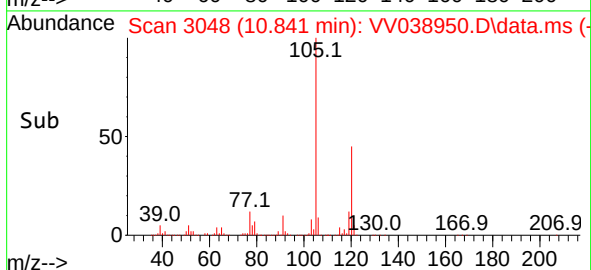
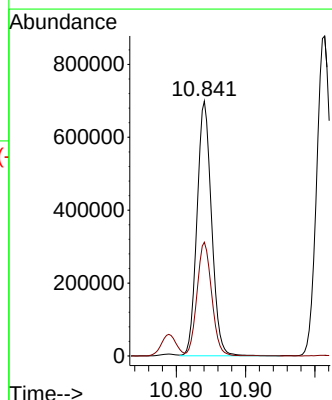
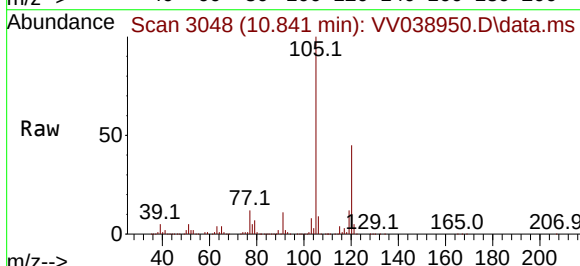
Acq: 13 Aug 2025 14:11

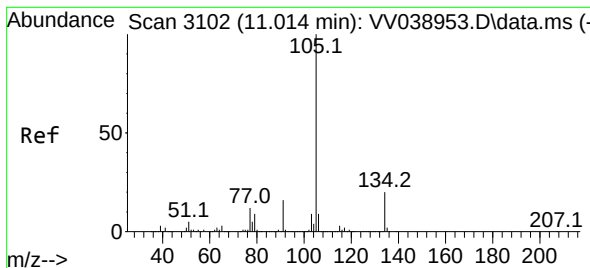
Tgt Ion:105 Resp: 1020783

Ion Ratio Lower Upper

105 100

120 45.1 22.6 67.7





#85

sec-Butylbenzene

Concen: 59.719 ug/l

RT: 11.014 min Scan# 3102

Delta R.T. 0.000 min

Lab File: VV038950.D

Acq: 13 Aug 2025 14:11

Instrument :

MSVOA_V

ClientSampleId :

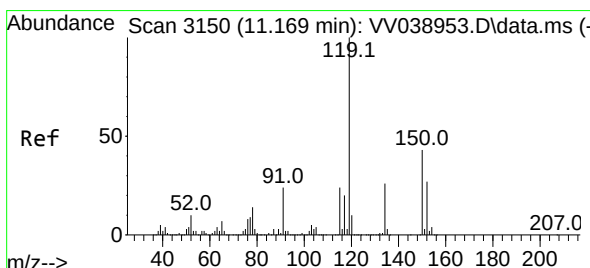
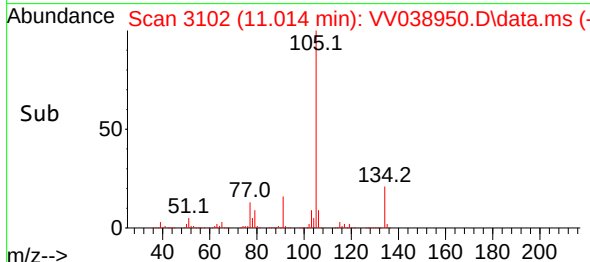
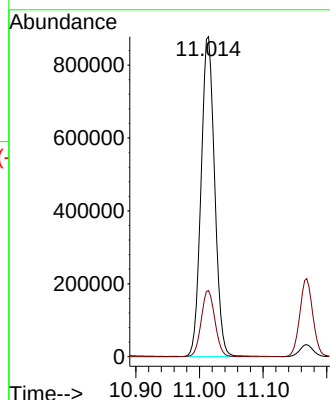
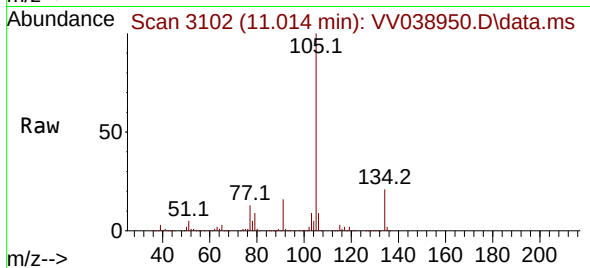
VSTDICCC050

Tgt Ion:105 Resp: 1299841

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.4



#86

p-Isopropyltoluene

Concen: 60.498 ug/l

RT: 11.169 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VV038950.D

Acq: 13 Aug 2025 14:11

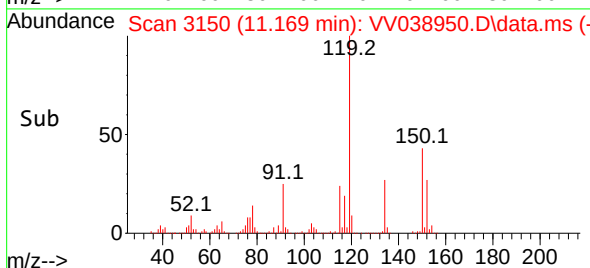
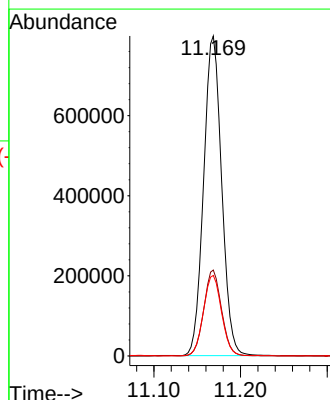
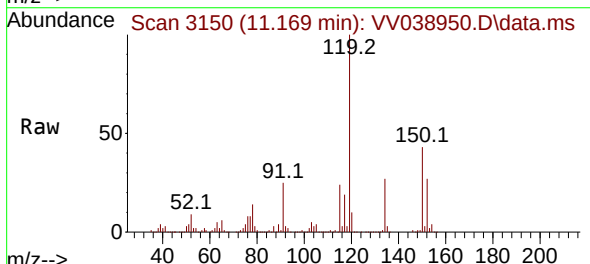
Tgt Ion:119 Resp: 1151919

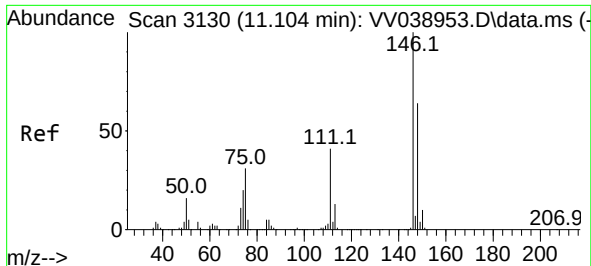
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 25.1 12.6 37.6

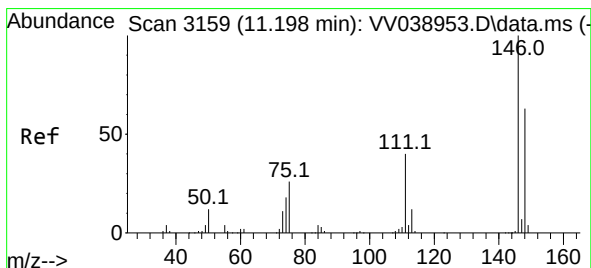
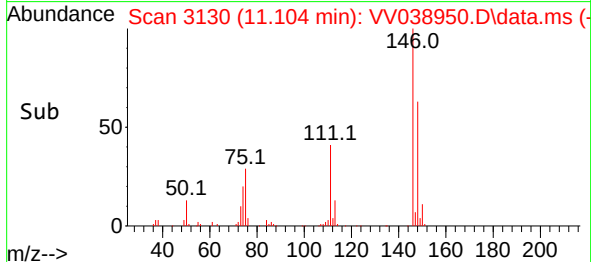
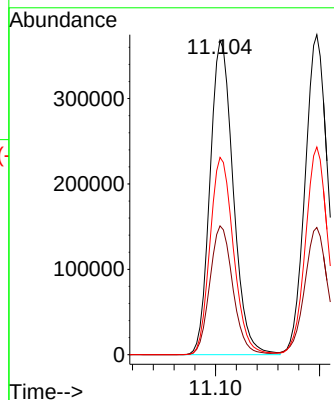
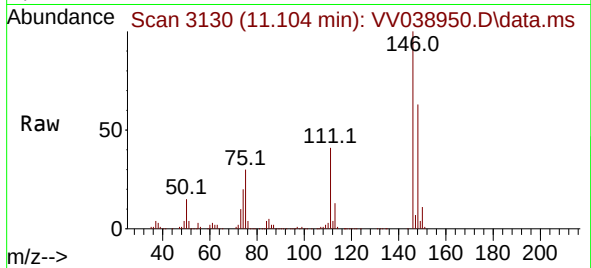




#87
1,3-Dichlorobenzene
Concen: 53.343 ug/l
RT: 11.104 min Scan# 3130
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

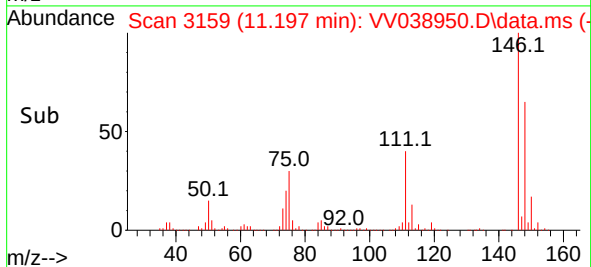
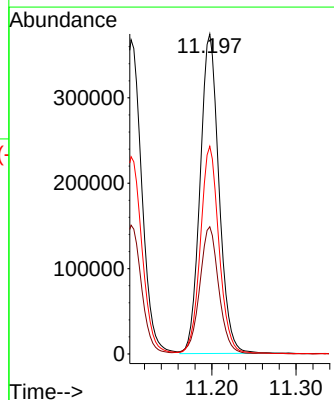
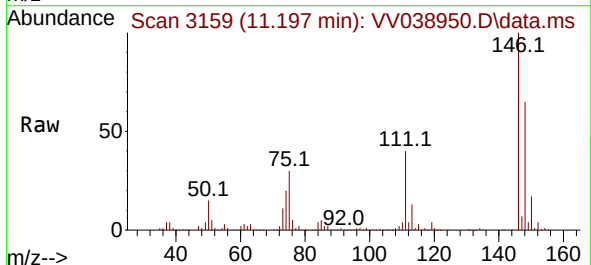
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

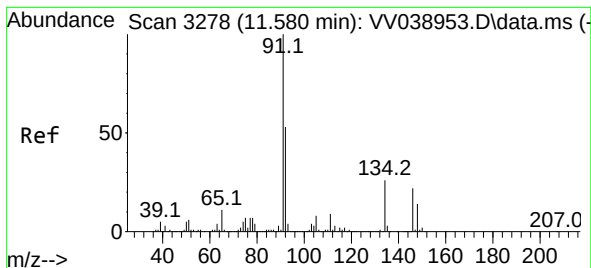
Tgt Ion:146 Resp: 571713
Ion Ratio Lower Upper
146 100
111 40.6 20.3 60.9
148 63.8 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 50.158 ug/l
RT: 11.197 min Scan# 3159
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

Tgt Ion:146 Resp: 582090
Ion Ratio Lower Upper
146 100
111 40.1 20.1 60.2
148 64.5 32.3 96.8





#89

n-Butylbenzene

Concen: 59.078 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038950.D

Acq: 13 Aug 2025 14:11

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

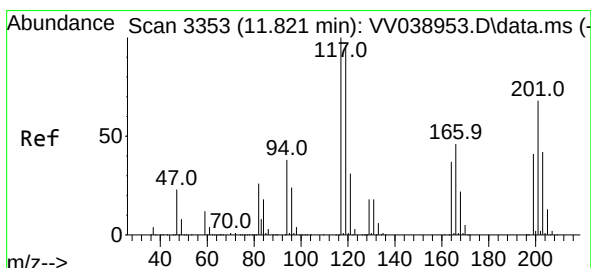
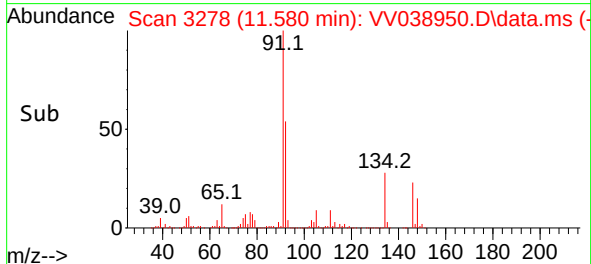
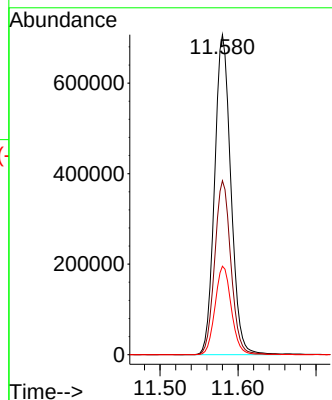
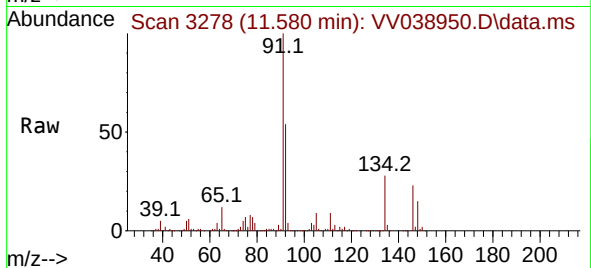
Tgt Ion: 91 Resp: 1028485

Ion Ratio Lower Upper

91 100

92 54.1 27.1 81.2

134 27.6 13.8 41.4



#90

Hexachloroethane

Concen: 49.066 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. 0.000 min

Lab File: VV038950.D

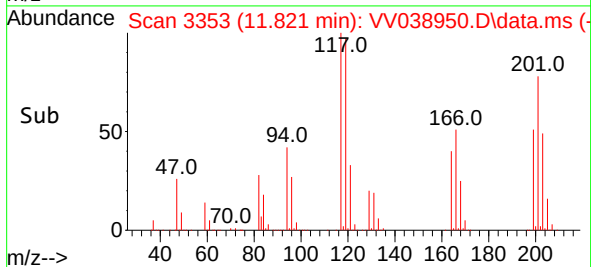
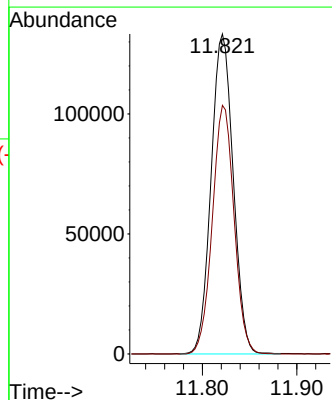
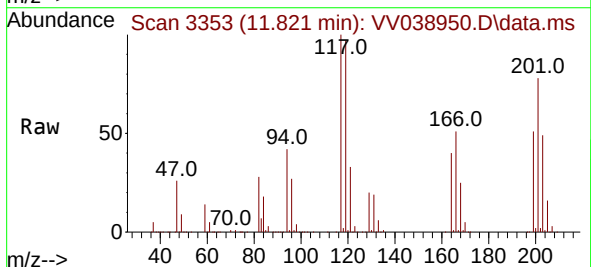
Acq: 13 Aug 2025 14:11

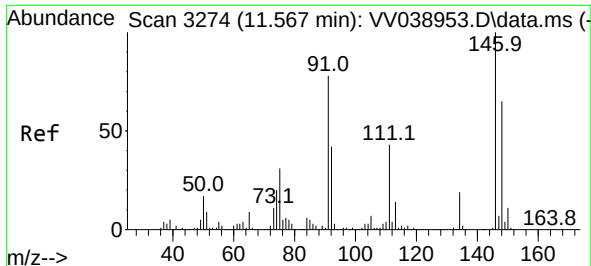
Tgt Ion: 117 Resp: 216590

Ion Ratio Lower Upper

117 100

201 76.3 38.1 114.5





#91

1,2-Dichlorobenzene

Concen: 54.058 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038950.D

Acq: 13 Aug 2025 14:11

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

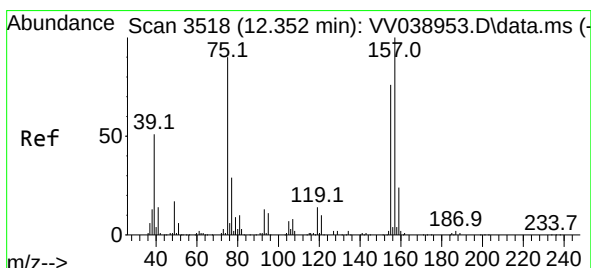
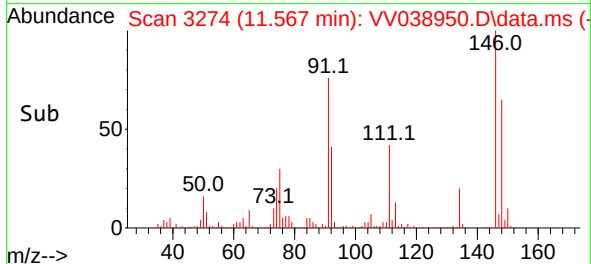
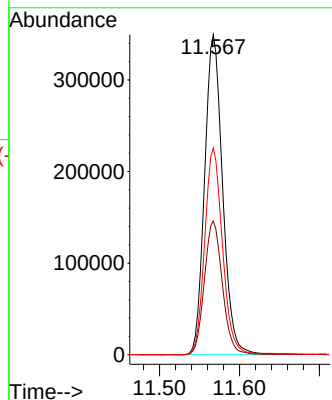
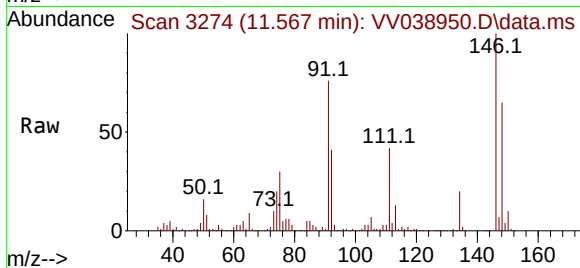
Tgt Ion:146 Resp: 547895

Ion Ratio Lower Upper

146 100

111 41.7 20.8 62.5

148 63.9 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.958 ug/l

RT: 12.352 min Scan# 3518

Delta R.T. 0.000 min

Lab File: VV038950.D

Acq: 13 Aug 2025 14:11

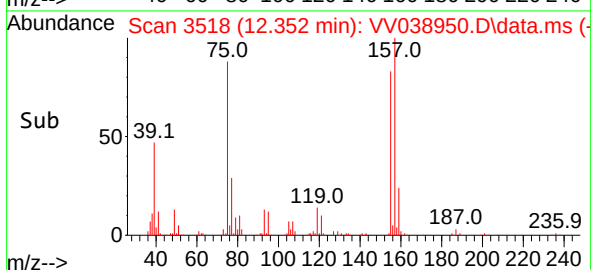
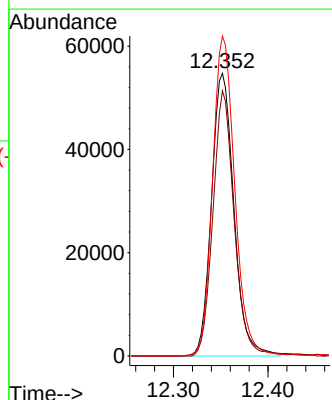
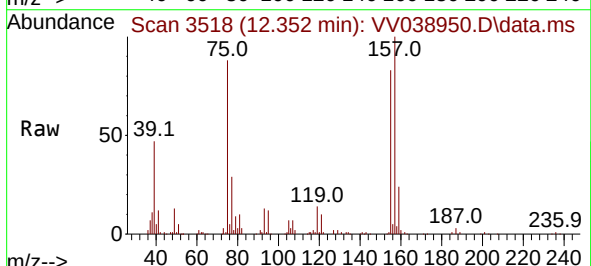
Tgt Ion: 75 Resp: 89980

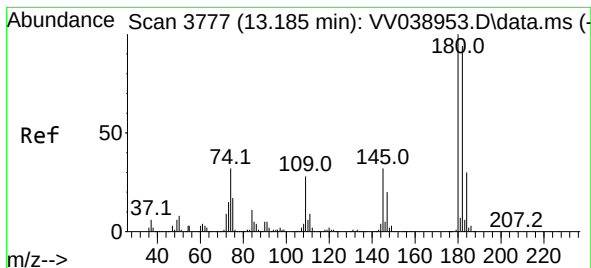
Ion Ratio Lower Upper

75 100

155 88.8 44.4 133.2

157 112.0 56.0 168.0





#93

1,2,4-Trichlorobenzene

Concen: 59.207 ug/l

RT: 13.185 min Scan# 3777

Delta R.T. 0.000 min

Lab File: VV038950.D

Acq: 13 Aug 2025 14:11

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

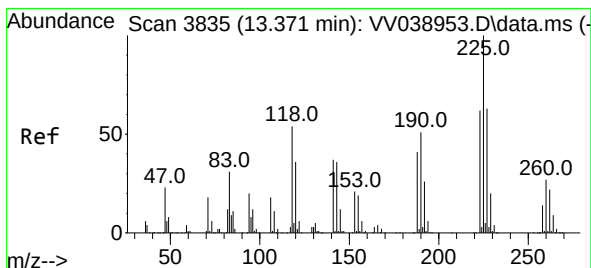
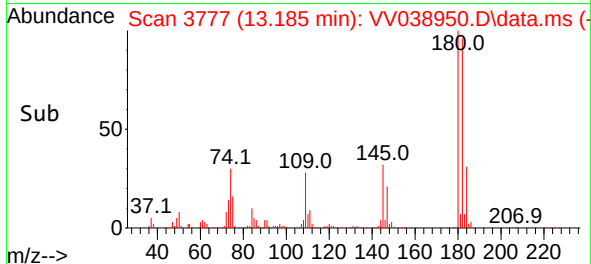
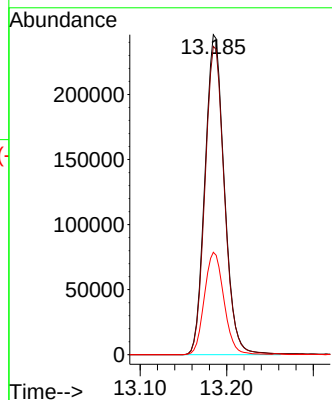
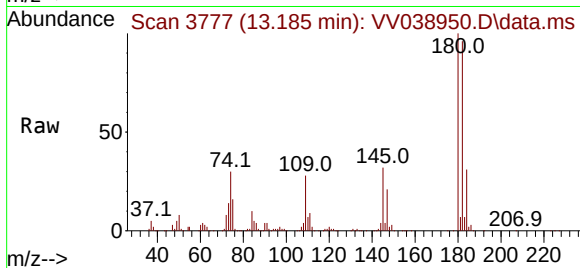
Tgt Ion:180 Resp: 382450

Ion Ratio Lower Upper

180 100

182 96.6 48.3 144.9

145 32.3 16.2 48.5



#94

Hexachlorobutadiene

Concen: 54.019 ug/l

RT: 13.371 min Scan# 3835

Delta R.T. 0.000 min

Lab File: VV038950.D

Acq: 13 Aug 2025 14:11

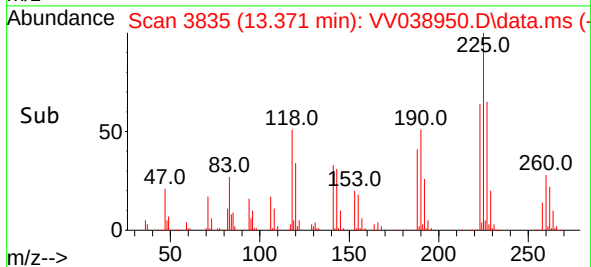
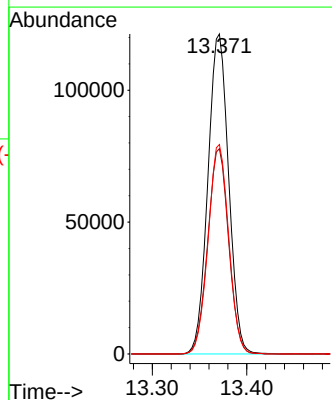
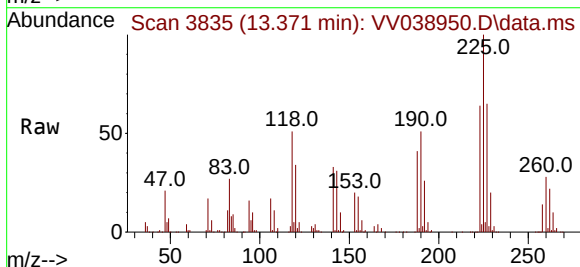
Tgt Ion:225 Resp: 184688

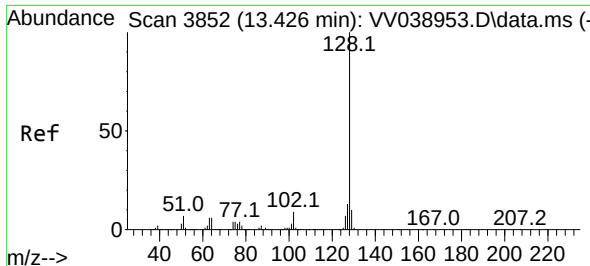
Ion Ratio Lower Upper

225 100

223 64.6 32.3 96.9

227 65.1 32.6 97.7

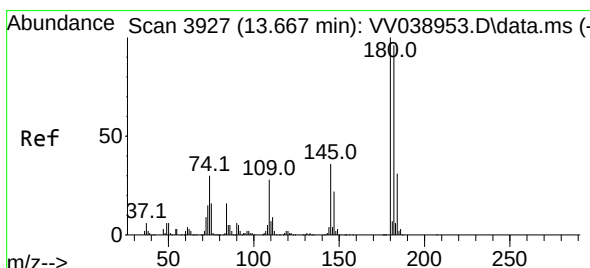
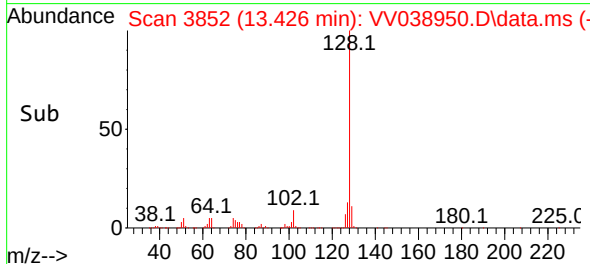
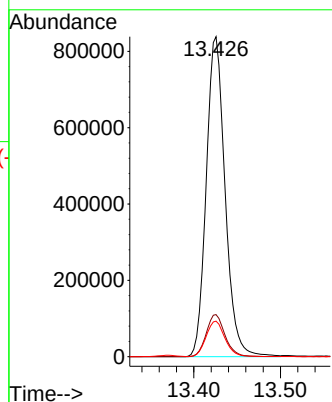
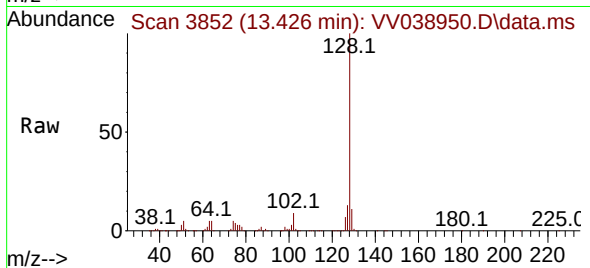




#95
Naphthalene
Concen: 62.659 ug/l
RT: 13.426 min Scan# 3852
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 1267848
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.1 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 59.707 ug/l
RT: 13.667 min Scan# 3927
Delta R.T. 0.000 min
Lab File: VV038950.D
Acq: 13 Aug 2025 14:11

Tgt Ion:180 Resp: 394545
Ion Ratio Lower Upper
180 100
182 95.1 47.5 142.6
145 34.8 17.4 52.2

