

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111325\
 Data File : VV039383.D
 Acq On : 13 Nov 2025 15:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 14 05:46:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V111125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 14 05:42:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	837844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	1174800	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1118791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	707636	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	480644	46.500	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	93.000%
35) Dibromofluoromethane	4.497	113	427353	47.428	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	94.860%
50) Toluene-d8	7.233	98	1406169	47.225	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	94.440%
62) 4-Bromofluorobenzene	9.998	95	573233	50.101	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	100.200%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	189112	37.810	ug/l	96
3) Chloromethane	1.230	50	179055	38.364	ug/l	99
4) Vinyl Chloride	1.297	62	225123	39.090	ug/l	99
5) Bromomethane	1.494	94	141788	41.352	ug/l	100
6) Chloroethane	1.558	64	177980	41.859	ug/l	99
7) Trichlorofluoromethane	1.725	101	470625	40.128	ug/l	99
8) Diethyl Ether	1.918	74	193799	43.330	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.079	101	311701	40.422	ug/l	99
10) Methyl Iodide	2.195	142	252147	53.097	ug/l	99
11) Tert butyl alcohol	2.561	59	371071	335.110	ug/l	100
12) 1,1-Dichloroethene	2.079	96	243104	39.860	ug/l	95
13) Acrolein	2.011	56	23243	305.721	ug/l	98
14) Allyl chloride	2.355	41	501097	46.110	ug/l	97
15) Acrylonitrile	2.670	53	1127219	262.277	ug/l	99
16) Acetone	2.114	43	1235705	287.491	ug/l	99
17) Carbon Disulfide	2.249	76	335216	42.528	ug/l	100
18) Methyl Acetate	2.378	43	886414	60.545	ug/l	98
19) Methyl tert-butyl Ether	2.706	73	1175270	51.249	ug/l	97
20) Methylene Chloride	2.455	84	333070	49.053	ug/l	98
21) trans-1,2-Dichloroethene	2.699	96	260114	42.999	ug/l	99
22) Diisopropyl ether	3.211	45	1227193	51.975	ug/l	99
23) Vinyl Acetate	3.185	43	4185174	250.962	ug/l	99
24) 1,1-Dichloroethane	3.117	63	633504	44.126	ug/l	99
25) 2-Butanone	3.854	43	1545528	270.853	ug/l	99
26) 2,2-Dichloropropane	3.809	77	579763	48.012	ug/l	100
27) cis-1,2-Dichloroethene	3.818	96	378064	46.020	ug/l	98
28) Bromochloromethane	4.143	49	330149	52.580	ug/l #	98
29) Tetrahydrofuran	4.227	42	894155	279.935	ug/l	99
30) Chloroform	4.275	83	709893	44.768	ug/l	97
31) Cyclohexane	4.583	56	353498	39.338	ug/l	98
32) 1,1,1-Trichloroethane	4.510	97	595799	44.929	ug/l	100
36) 1,1-Dichloropropene	4.744	75	360154	46.405	ug/l	99
37) Ethyl Acetate	3.969	43	508486	42.649	ug/l	97
38) Carbon Tetrachloride	4.731	117	499753	43.349	ug/l	99
39) Methylcyclohexane	6.043	83	360553	43.636	ug/l	96
40) Benzene	5.008	78	1236329	45.554	ug/l	99

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 ClientSampleId :
 VSTDC0050EC

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.156	41	264022	62.011	ug/l	97
42) 1,2-Dichloroethane	5.037	62	490992	46.423	ug/l	99
43) Isopropyl Acetate	5.185	43	841022	52.951	ug/l	99
44) Trichloroethene	5.828	130	322985	43.858	ug/l	99
45) 1,2-Dichloropropane	6.085	63	368168	50.136	ug/l	98
46) Dibromomethane	6.223	93	263936	44.696	ug/l	99
47) Bromodichloromethane	6.423	83	591418	46.246	ug/l	100
48) Methyl methacrylate	6.291	41	398346	53.850	ug/l	99
49) 1,4-Dioxane	6.284	88	112681	988.986	ug/l	96
51) 4-Methyl-2-Pentanone	7.143	43	3123929	287.727	ug/l	100
52) Toluene	7.307	92	798736	46.964	ug/l	100
53) t-1,3-Dichloropropene	7.571	75	554106	50.359	ug/l	97
54) cis-1,3-Dichloropropene	6.944	75	588833	50.406	ug/l	98
55) 1,1,2-Trichloroethane	7.757	97	403682	46.880	ug/l	98
56) Ethyl methacrylate	7.712	69	562051	54.060	ug/l	100
57) 1,3-Dichloropropane	7.931	76	636822	48.087	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.805	63	1494018	505.321	ug/l	100
59) 2-Hexanone	8.059	43	2361025	304.271	ug/l	100
60) Dibromochloromethane	8.165	129	513270	46.517	ug/l	99
61) 1,2-Dibromoethane	8.271	107	401796	47.871	ug/l	99
64) Tetrachloroethene	7.895	164	293891	42.504	ug/l	99
65) Chlorobenzene	8.802	112	1010878	45.388	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.895	131	427968	46.053	ug/l	100
67) Ethyl Benzene	8.934	91	1580823	49.072	ug/l	100
68) m/p-Xylenes	9.059	106	1251772	102.894	ug/l	99
69) o-Xylene	9.468	106	597726	51.931	ug/l	100
70) Styrene	9.484	104	1117566	54.313	ug/l	100
71) Bromoform	9.651	173	419898	48.674	ug/l #	99
73) Isopropylbenzene	9.853	105	1726532	49.966	ug/l	100
74) N-amyl acetate	9.722	43	731591	54.033	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	680227	45.199	ug/l	98
76) 1,2,3-Trichloropropane	10.194	75	529495	48.207	ug/l	98
77) Bromobenzene	10.140	156	483667	45.349	ug/l	99
78) n-propylbenzene	10.275	91	2019030	51.006	ug/l	99
79) 2-Chlorotoluene	10.345	91	1230735	48.573	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	1460480	51.697	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.927	75	220794	53.886	ug/l	94
82) 4-Chlorotoluene	10.461	91	1446968	51.079	ug/l	99
83) tert-Butylbenzene	10.789	119	1547306	49.827	ug/l	99
84) 1,2,4-Trimethylbenzene	10.837	105	1461614	53.113	ug/l	99
85) sec-Butylbenzene	11.011	105	1897852	51.541	ug/l	99
86) p-Isopropyltoluene	11.165	119	1654880	52.084	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	954550	46.663	ug/l	100
88) 1,4-Dichlorobenzene	11.194	146	987168	44.260	ug/l	100
89) n-Butylbenzene	11.577	91	1512124	53.369	ug/l	100
90) Hexachloroethane	11.818	117	349580	44.146	ug/l	96
91) 1,2-Dichlorobenzene	11.564	146	921273	46.019	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	149345	48.270	ug/l	96
93) 1,2,4-Trichlorobenzene	13.184	180	668563	52.637	ug/l	99
94) Hexachlorobutadiene	13.368	225	333496	49.226	ug/l	99
95) Naphthalene	13.422	128	1984893	58.311	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	683805	52.185	ug/l	99

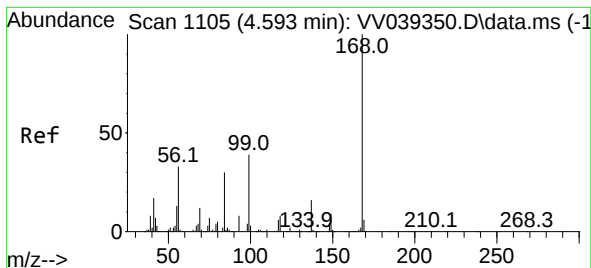
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Quant Title : SW846 8260
QLast Update : Fri Nov 14 05:42:56 2025
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.596 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV039383.D

Acq: 13 Nov 2025 15:26

Instrument :

MSVOA_V

ClientSampleId :

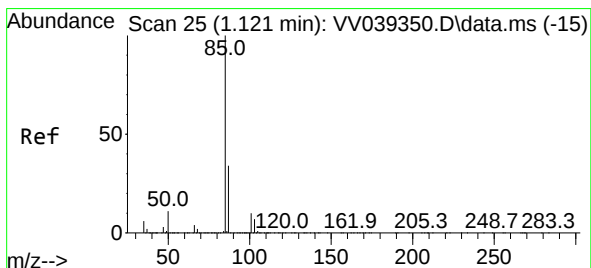
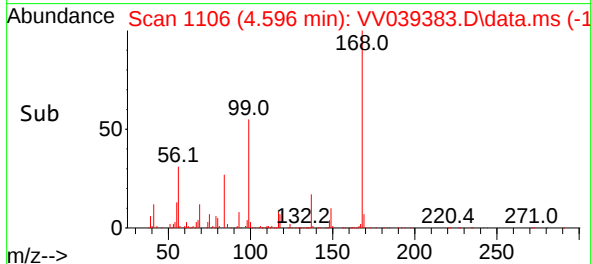
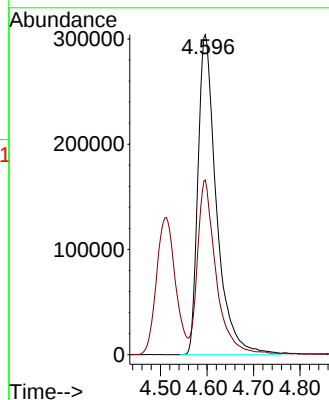
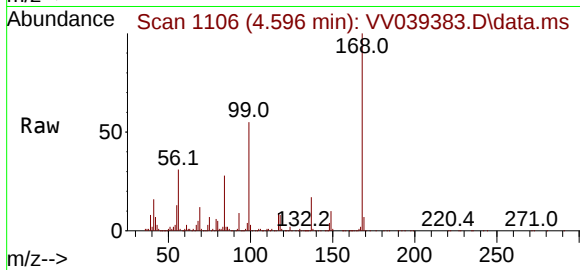
VSTDCCC050EC

Tgt Ion:168 Resp: 837844

Ion Ratio Lower Upper

168 100

99 54.2 41.2 61.8



#2

Dichlorodifluoromethane

Concen: 37.810 ug/l

RT: 1.121 min Scan# 25

Delta R.T. -0.000 min

Lab File: VV039383.D

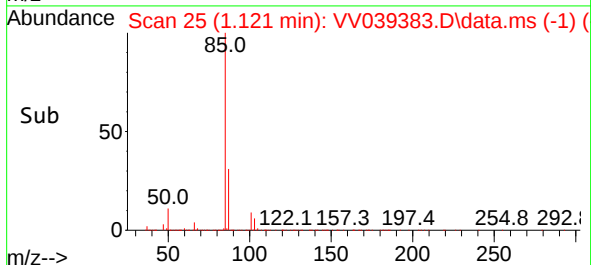
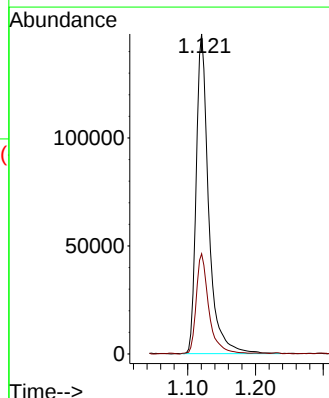
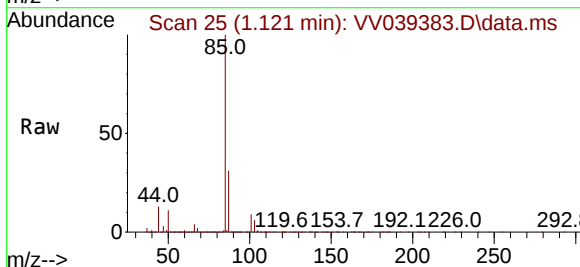
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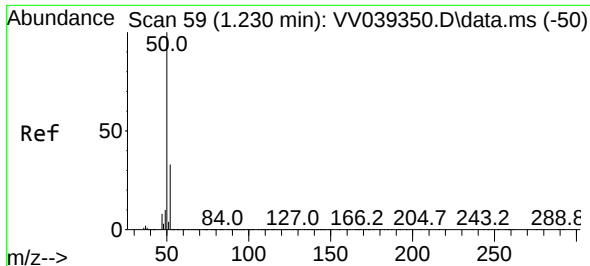
Tgt Ion: 85 Resp: 189112

Ion Ratio Lower Upper

85 100

87 31.3 16.9 50.7

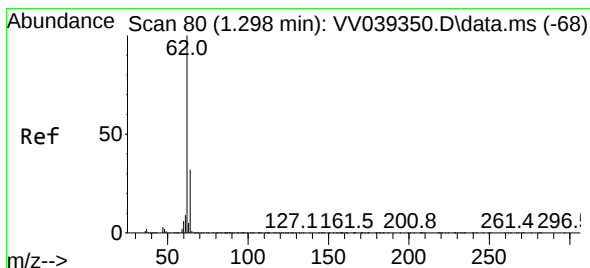
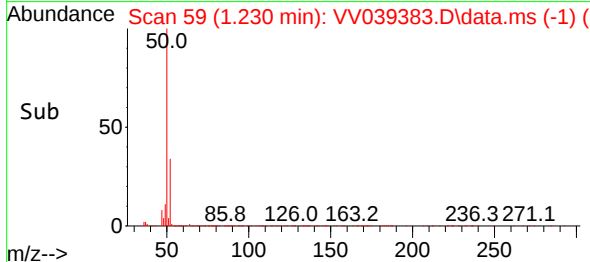
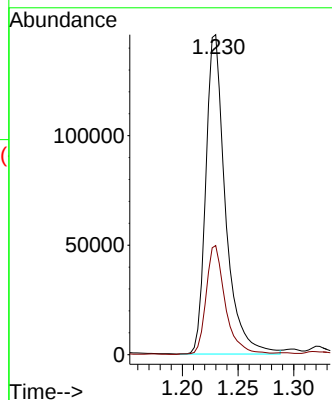
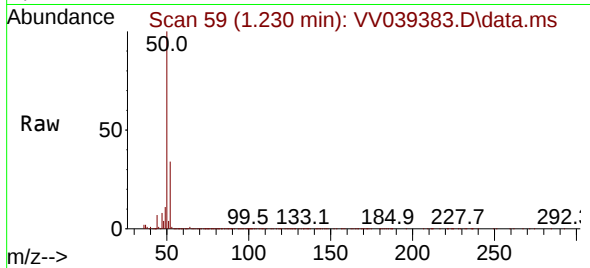




#3
Chloromethane
Concen: 38.364 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV039383.D
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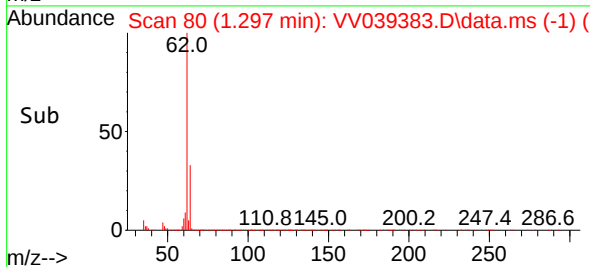
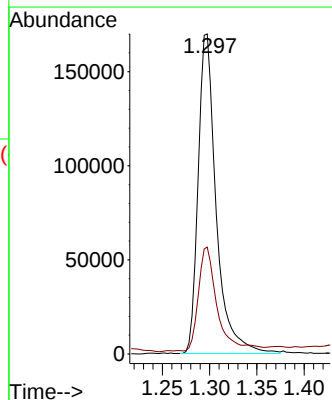
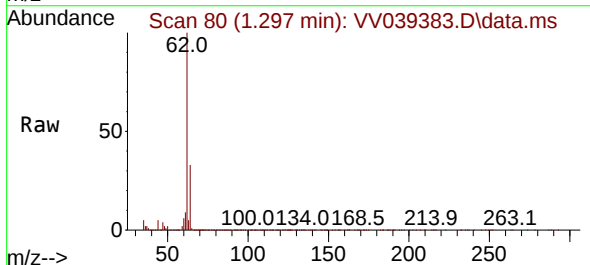
Instrument :
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VSTDCCC050EC

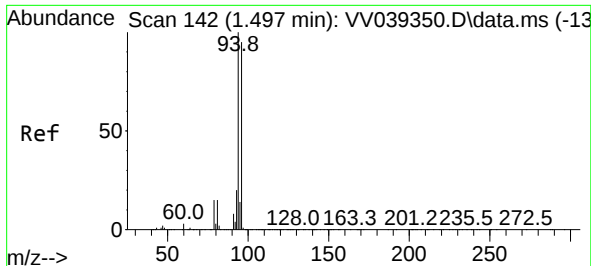
Tgt Ion: 50 Resp: 179055
Ion Ratio Lower Upper
50 100
52 33.9 26.6 39.8



#4
Vinyl Chloride
Concen: 39.090 ug/l
RT: 1.297 min Scan# 80
Delta R.T. -0.001 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

Tgt Ion: 62 Resp: 225123
Ion Ratio Lower Upper
62 100
64 32.4 25.3 37.9

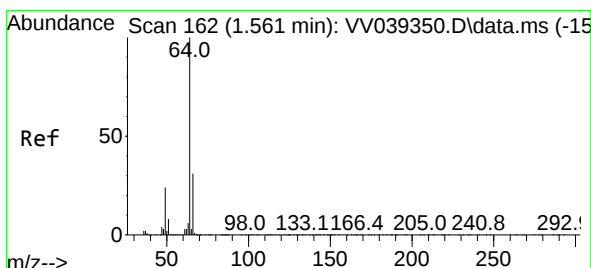
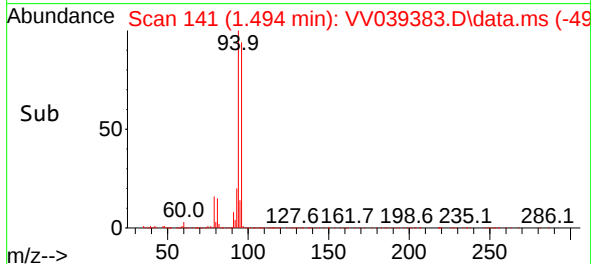
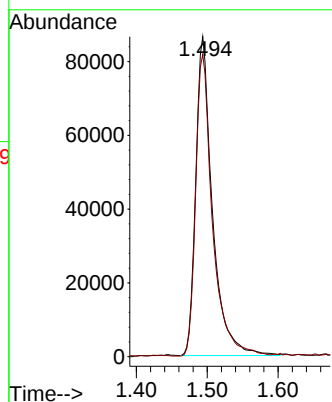
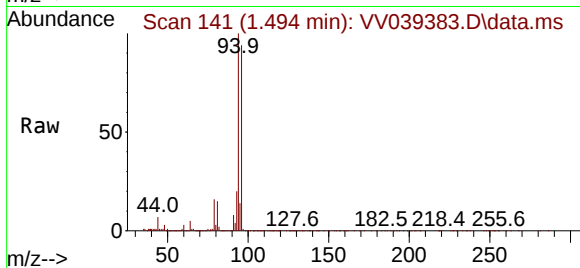




#5
Bromomethane
Concen: 41.352 ug/l
RT: 1.494 min Scan# 142
Delta R.T. -0.003 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

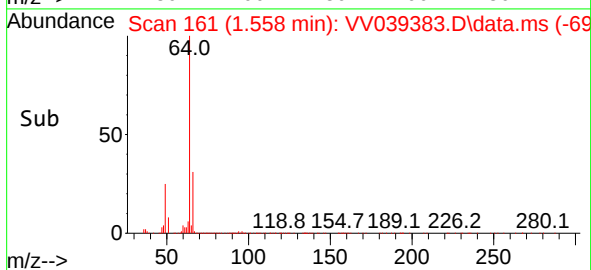
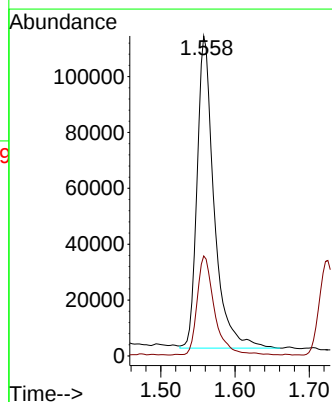
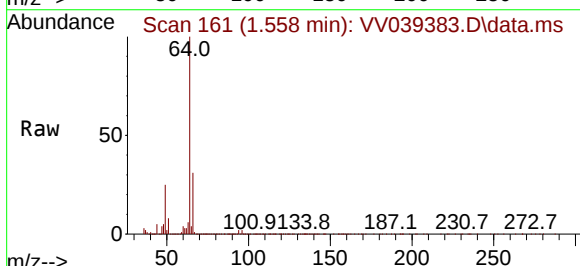
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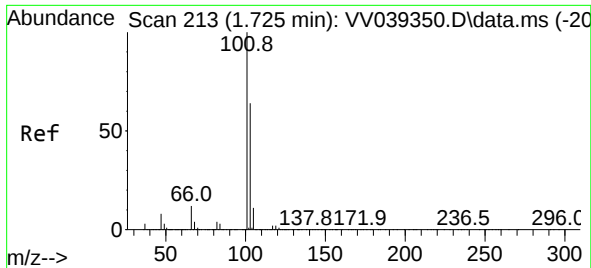
Tgt Ion: 94 Resp: 141788
Ion Ratio Lower Upper
94 100
96 94.6 75.6 113.4



#6
Chloroethane
Concen: 41.859 ug/l
RT: 1.558 min Scan# 161
Delta R.T. -0.003 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

Tgt Ion: 64 Resp: 177980
Ion Ratio Lower Upper
64 100
66 31.7 24.7 37.1

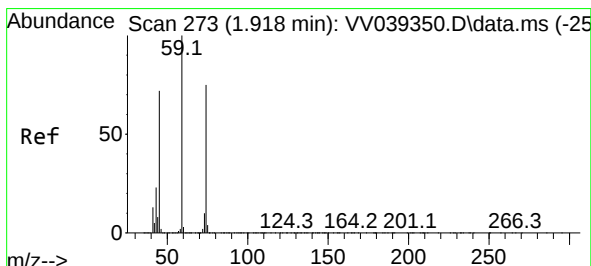
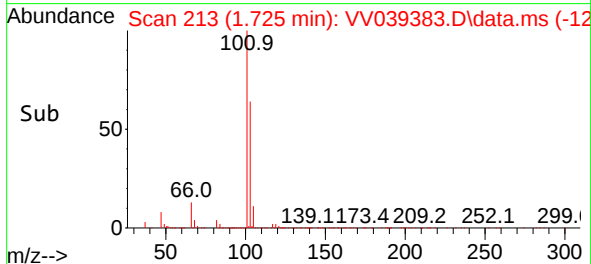
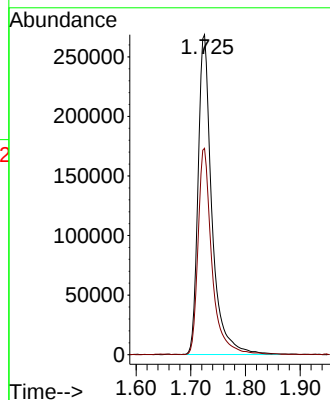
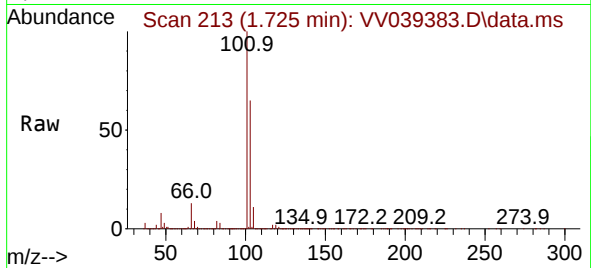




#7
 Trichlorofluoromethane
 Concen: 40.128 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VV039383.D
 Acq: 13 Nov 2025 15:26

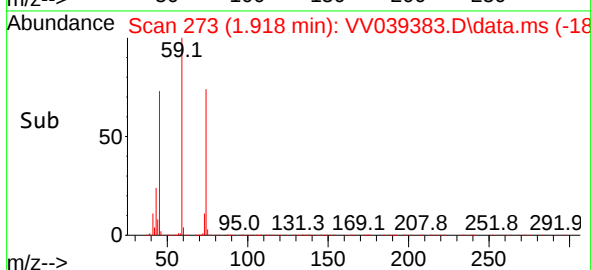
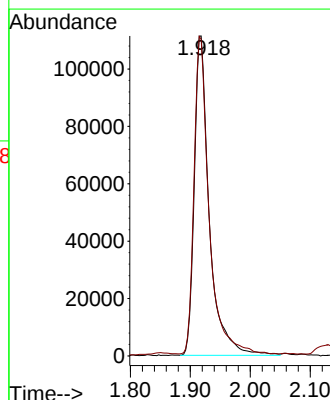
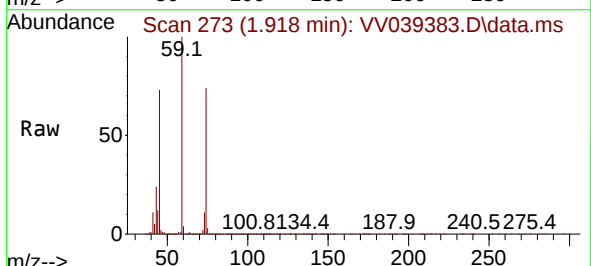
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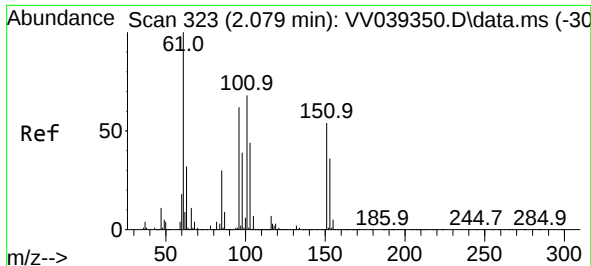
Tgt Ion:101 Resp: 470625
 Ion Ratio Lower Upper
 101 100
 103 64.5 50.9 76.3



#8
 Diethyl Ether
 Concen: 43.330 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.000 min
 Lab File: VV039383.D
 Acq: 13 Nov 2025 15:26

Tgt Ion: 74 Resp: 193799
 Ion Ratio Lower Upper
 74 100
 45 99.3 50.6 151.8

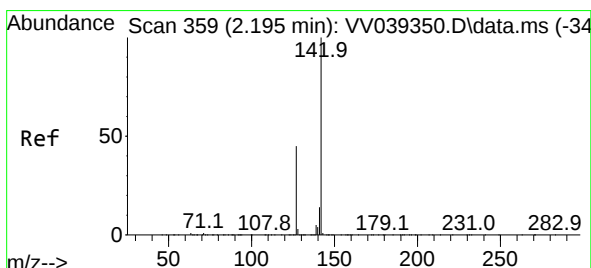
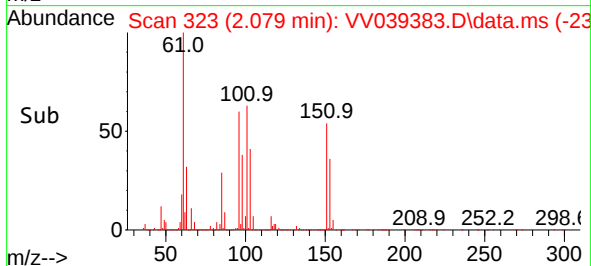
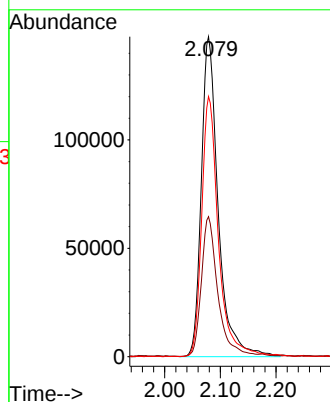
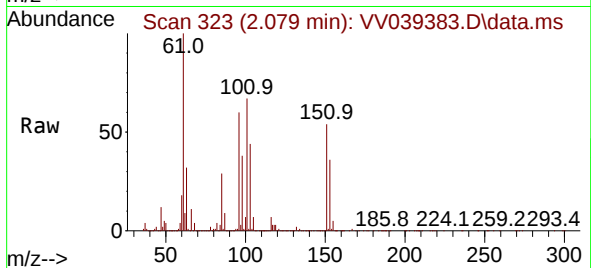




#9
1,1,2-Trichlorotrifluoroethane
Concen: 40.422 ug/l
RT: 2.079 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV039383.D
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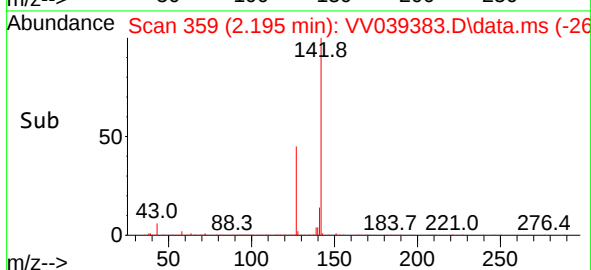
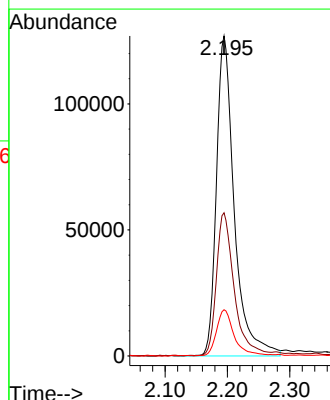
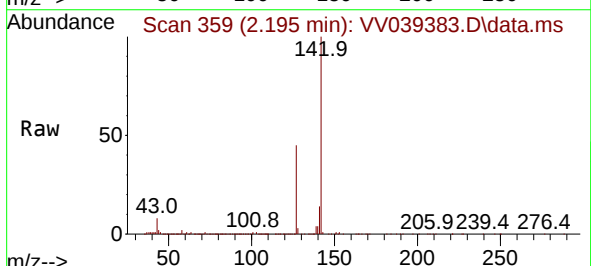
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

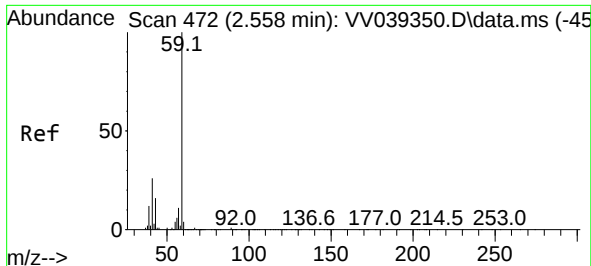
Tgt Ion:101 Resp: 311701
Ion Ratio Lower Upper
101 100
85 42.5 33.5 50.3
151 80.1 63.6 95.4



#10
Methyl Iodide
Concen: 53.097 ug/l
RT: 2.195 min Scan# 359
Delta R.T. -0.000 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

Tgt Ion:142 Resp: 252147
Ion Ratio Lower Upper
142 100
127 44.3 35.1 52.7
141 14.5 11.9 17.9

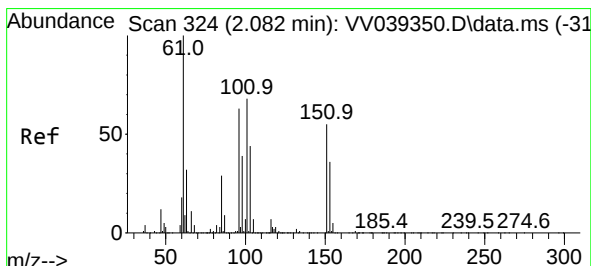
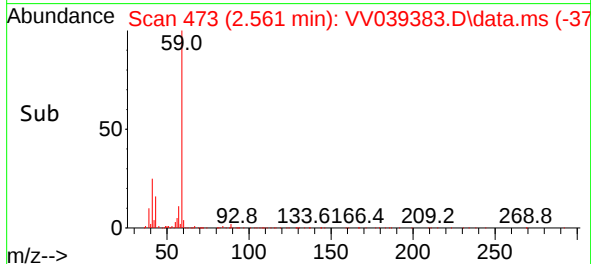
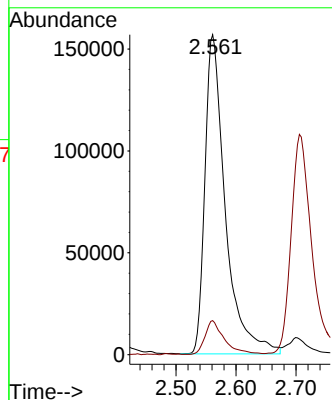
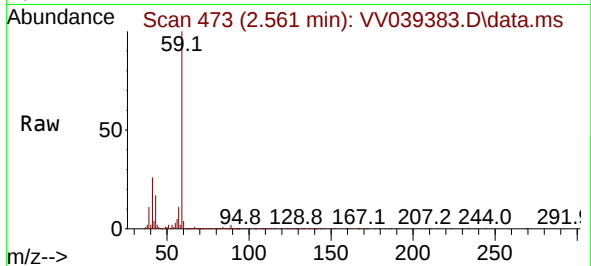




#11
Tert butyl alcohol
Concen: 335.110 ug/l
RT: 2.561 min Scan# 411
Delta R.T. 0.003 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

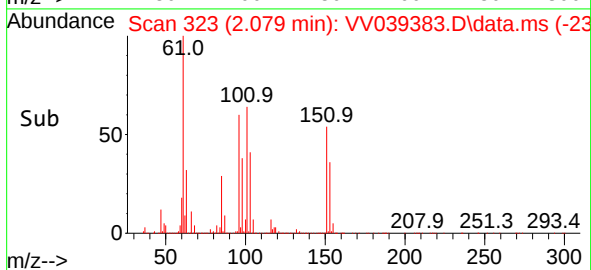
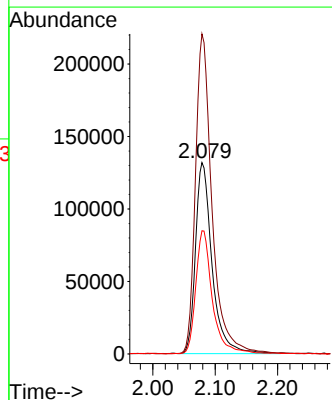
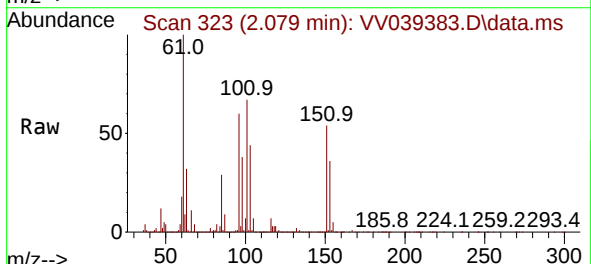
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

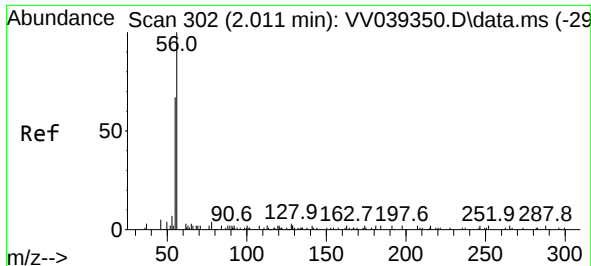
Tgt Ion: 59 Resp: 371071
Ion Ratio Lower Upper
59 100
57 10.1 8.0 12.0



#12
1,1-Dichloroethene
Concen: 39.860 ug/l
RT: 2.079 min Scan# 323
Delta R.T. -0.003 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

Tgt Ion: 96 Resp: 243104
Ion Ratio Lower Upper
96 100
61 167.2 127.8 191.6
98 64.2 50.2 75.2

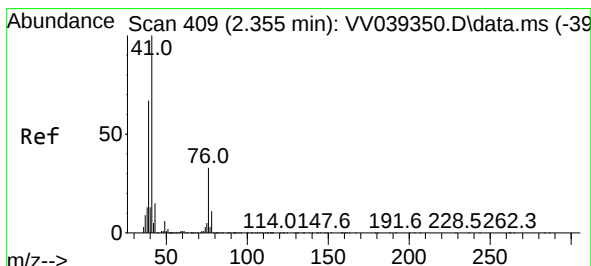
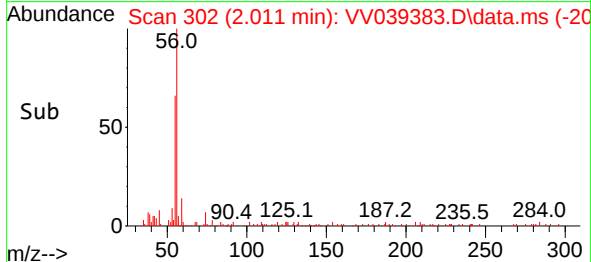
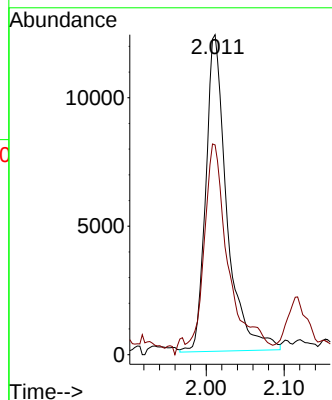
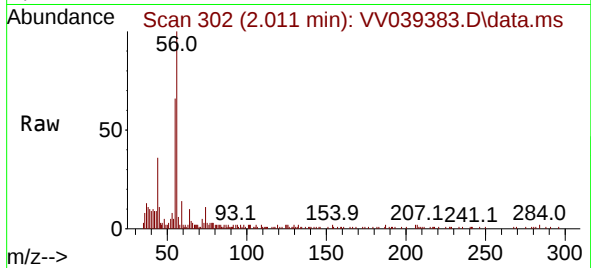




#13
Acrolein
Concen: 305.721 ug/l
RT: 2.011 min Scan# 302
Delta R.T. 0.000 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

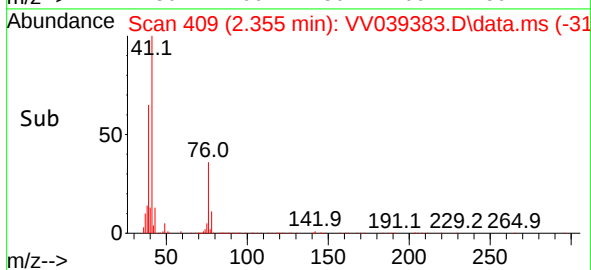
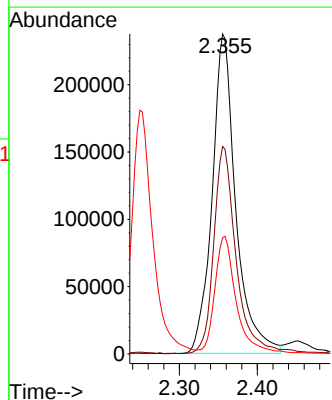
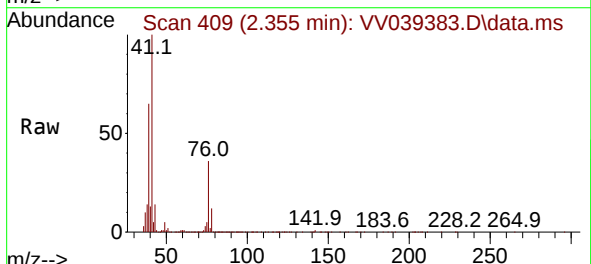
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

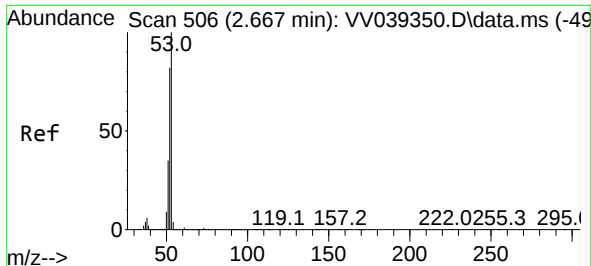
Tgt Ion: 56 Resp: 23243
Ion Ratio Lower Upper
56 100
55 67.7 55.2 82.8



#14
Allyl chloride
Concen: 46.110 ug/l
RT: 2.355 min Scan# 409
Delta R.T. 0.000 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

Tgt Ion: 41 Resp: 501097
Ion Ratio Lower Upper
41 100
39 60.7 50.7 76.1
76 33.1 27.0 40.6

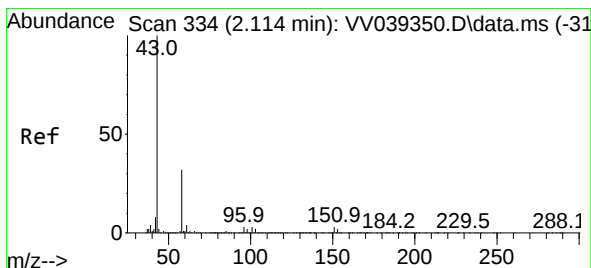
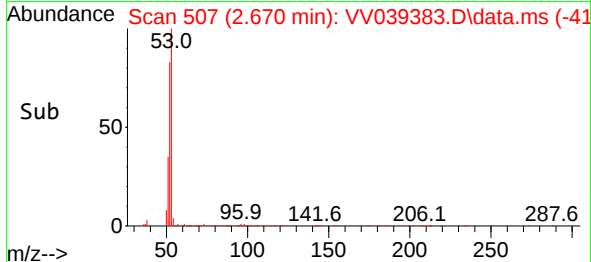
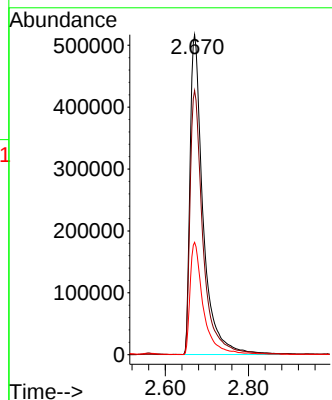
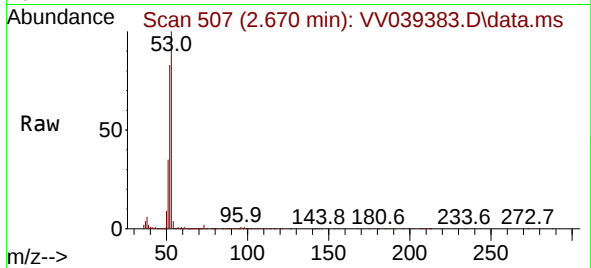




#15
Acrylonitrile
Concen: 262.277 ug/l
RT: 2.670 min Scan# 506
Delta R.T. 0.003 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

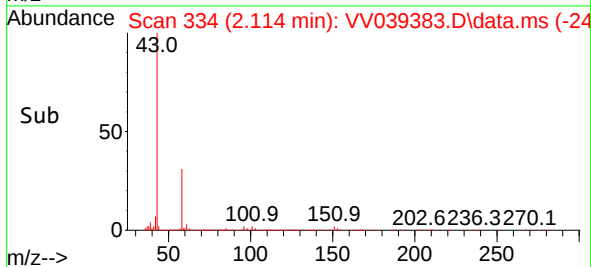
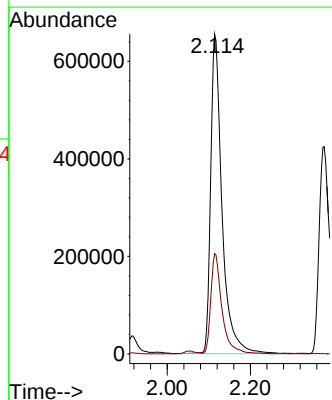
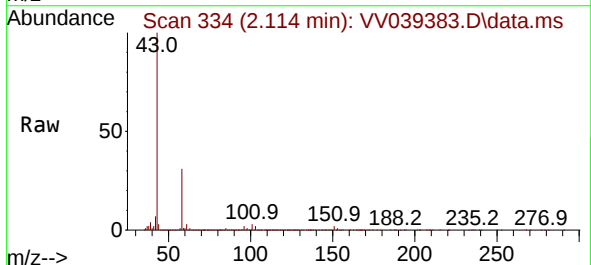
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

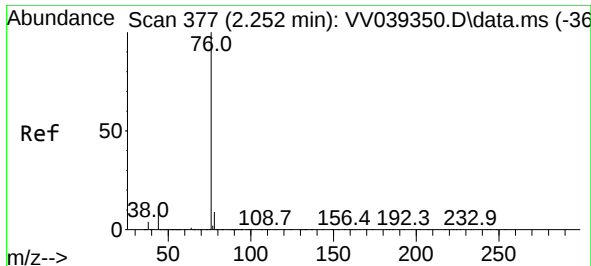
Tgt Ion: 53 Resp: 1127219
Ion Ratio Lower Upper
53 100
52 82.1 65.2 97.8
51 35.2 28.4 42.6



#16
Acetone
Concen: 287.491 ug/l
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

Tgt Ion: 43 Resp: 1235705
Ion Ratio Lower Upper
43 100
58 31.3 25.5 38.3

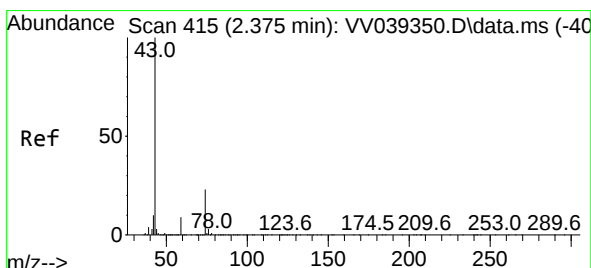
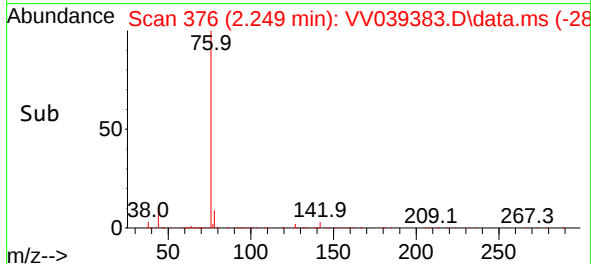
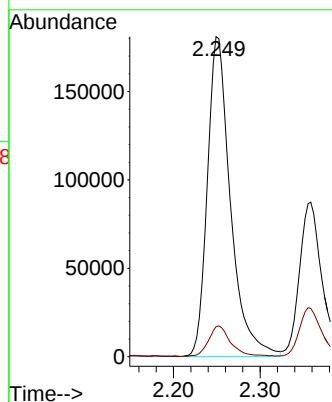
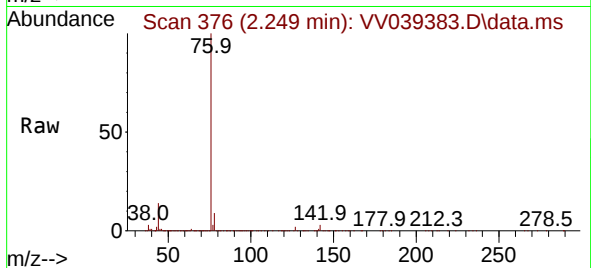




#17
Carbon Disulfide
Concen: 42.528 ug/l
RT: 2.249 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

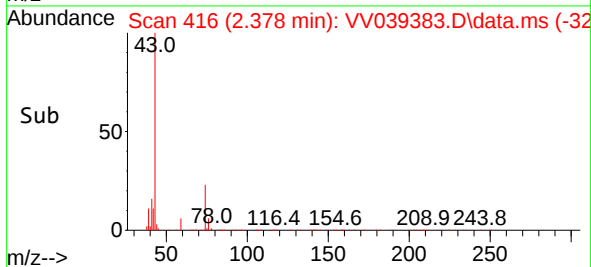
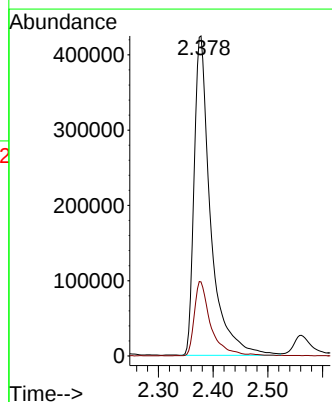
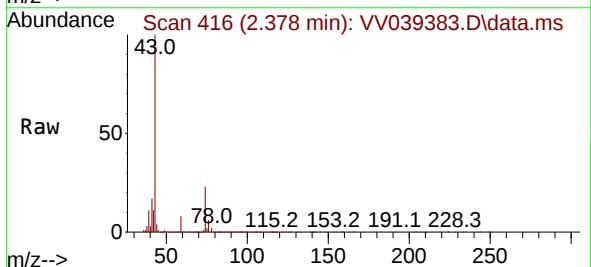
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

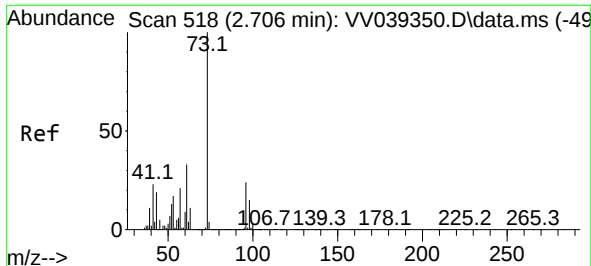
Tgt Ion: 76 Resp: 335216
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 60.545 ug/l
RT: 2.378 min Scan# 416
Delta R.T. 0.003 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

Tgt Ion: 43 Resp: 886414
Ion Ratio Lower Upper
43 100
74 22.8 18.9 28.3

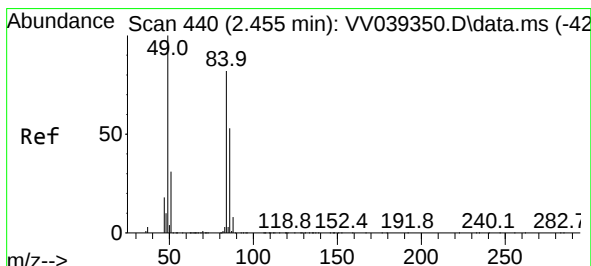
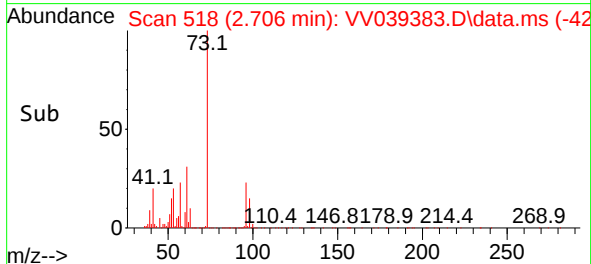
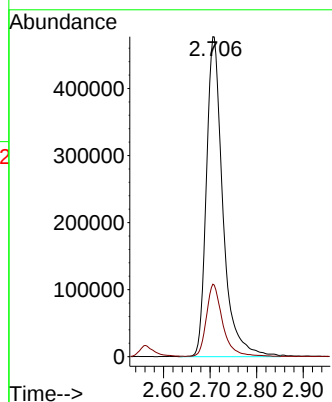
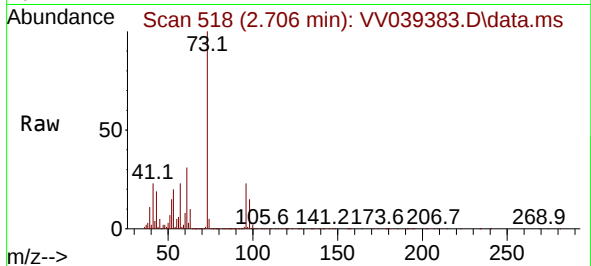




#19
Methyl tert-butyl Ether
Concen: 51.249 ug/l
RT: 2.706 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

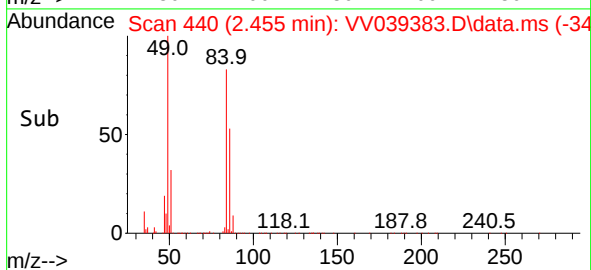
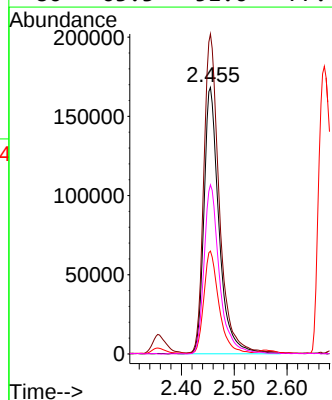
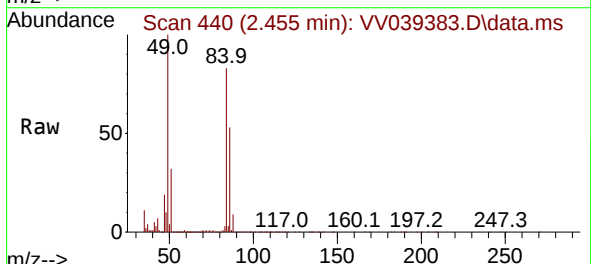
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

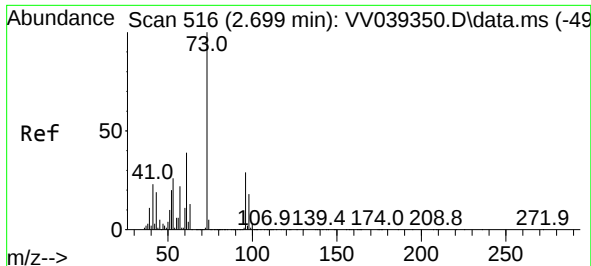
Tgt Ion: 73 Resp: 1175270
Ion Ratio Lower Upper
73 100
57 22.5 17.0 25.6



#20
Methylene Chloride
Concen: 49.053 ug/l
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

Tgt Ion: 84 Resp: 333070
Ion Ratio Lower Upper
84 100
49 119.6 97.8 146.8
51 38.3 30.2 45.4
86 63.3 51.6 77.4

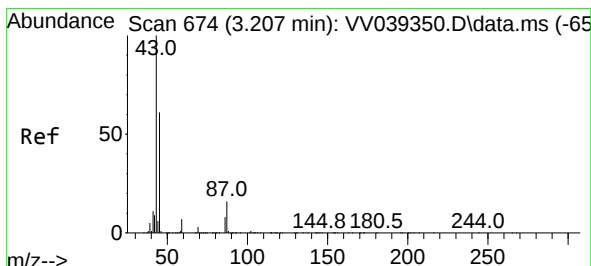
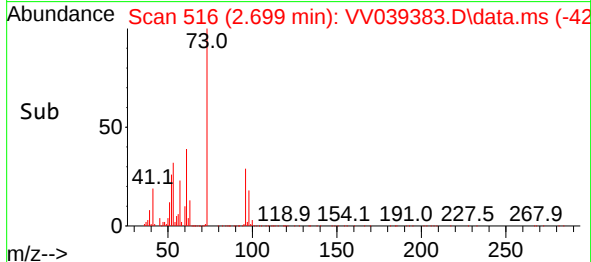
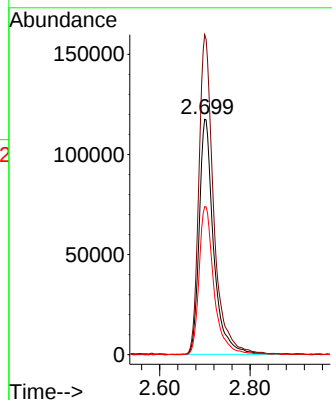
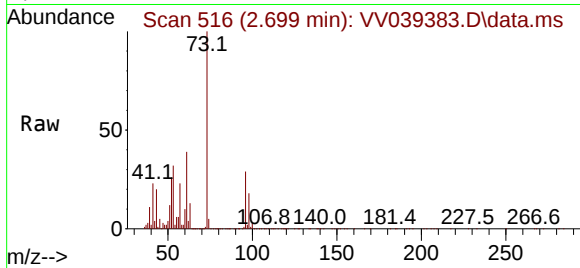




#21
trans-1,2-Dichloroethene
Concen: 42.999 ug/l
RT: 2.699 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

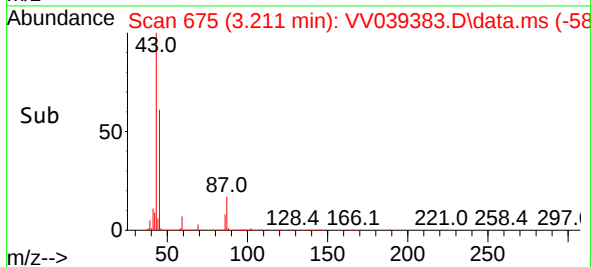
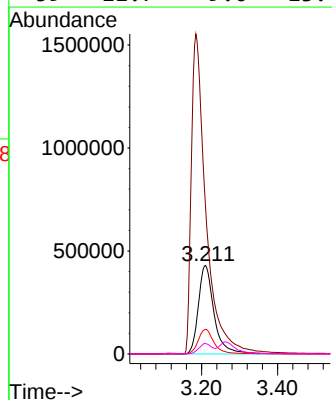
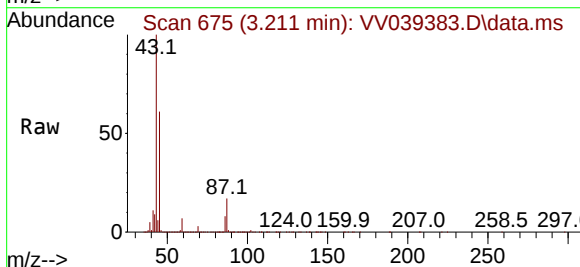
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

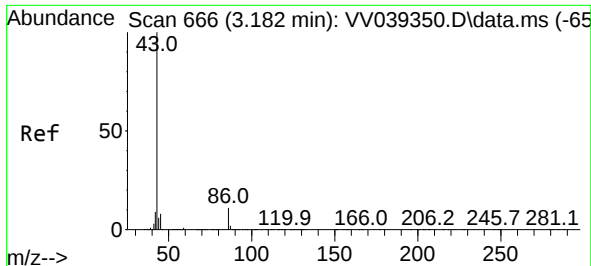
Tgt Ion: 96 Resp: 260114
Ion Ratio Lower Upper
96 100
61 136.0 108.9 163.3
98 62.9 51.7 77.5



#22
Diisopropyl ether
Concen: 51.975 ug/l
RT: 3.211 min Scan# 675
Delta R.T. 0.004 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

Tgt Ion: 45 Resp: 1227193
Ion Ratio Lower Upper
45 100
43 164.1 132.1 198.1
87 27.7 21.8 32.6
59 11.7 9.0 13.4

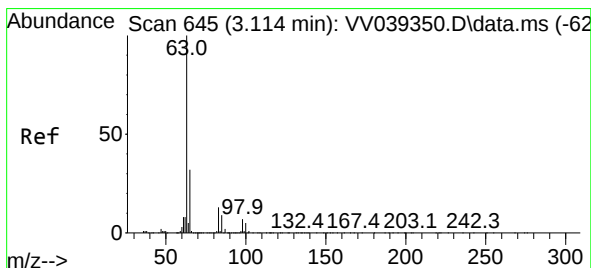
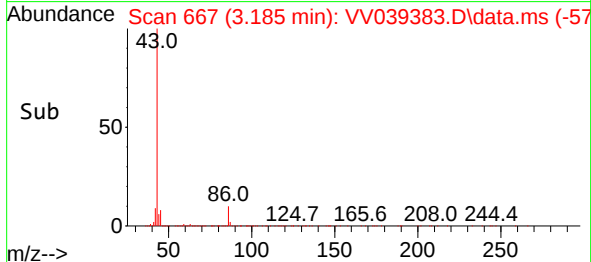
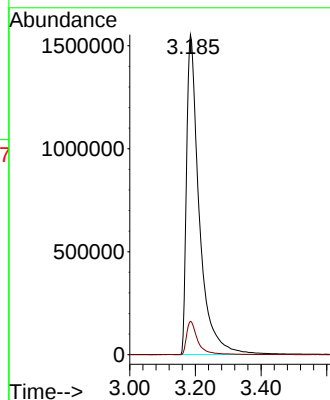
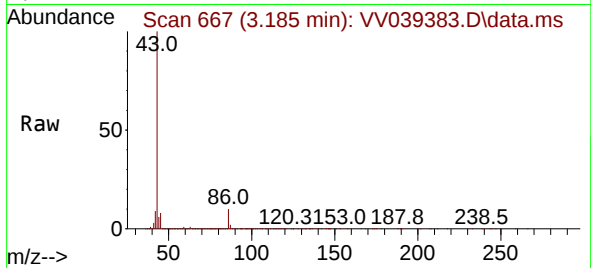




#23
 Vinyl Acetate
 Concen: 250.962 ug/l
 RT: 3.185 min Scan# 6
 Delta R.T. 0.003 min
 Lab File: VV039383.D
 Acq: 13 Nov 2025 15:26

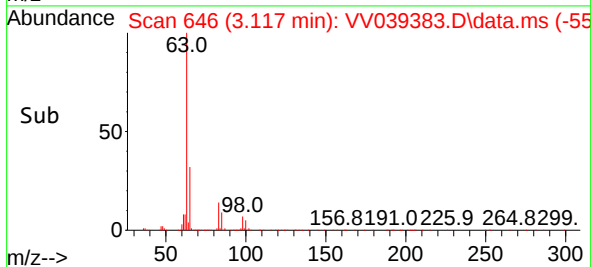
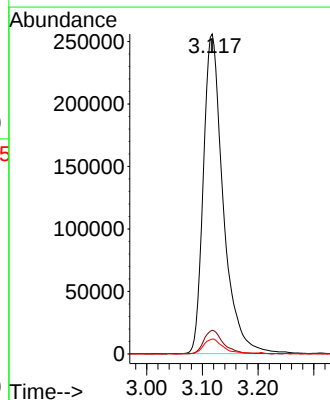
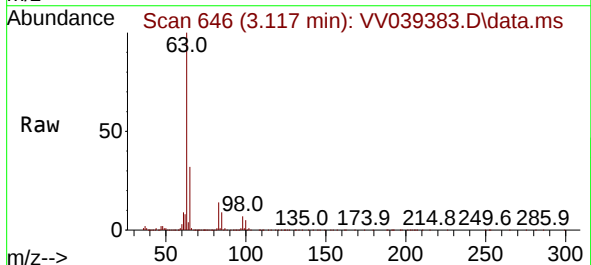
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

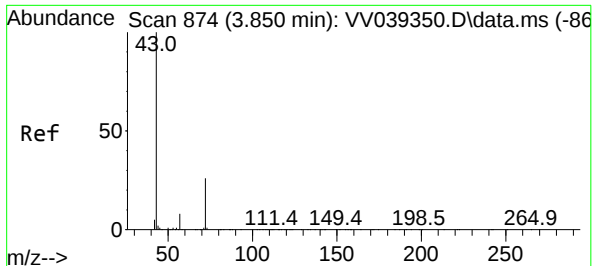
Tgt Ion: 43 Resp: 4185174
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 44.126 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. 0.003 min
 Lab File: VV039383.D
 Acq: 13 Nov 2025 15:26

Tgt Ion: 63 Resp: 633504
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.5
 100 4.5 2.3 6.9

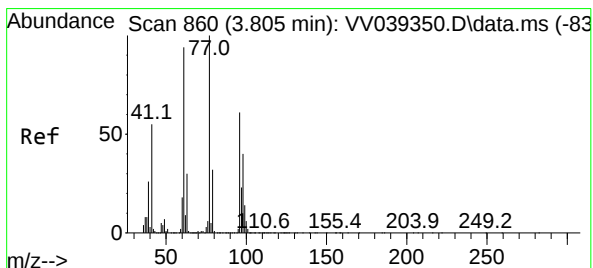
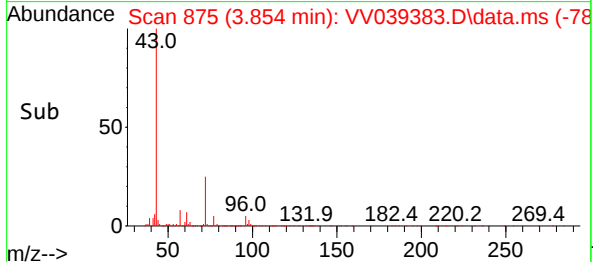
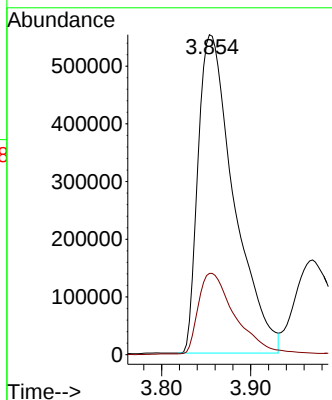
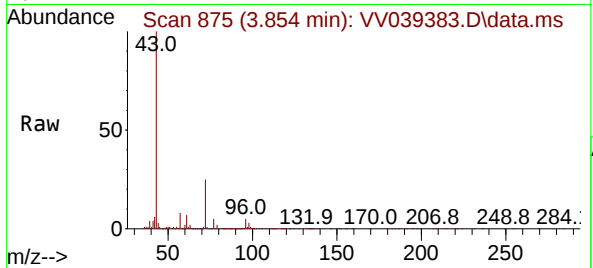




#25
2-Butanone
Concen: 270.853 ug/l
RT: 3.854 min Scan# 81
Delta R.T. 0.004 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

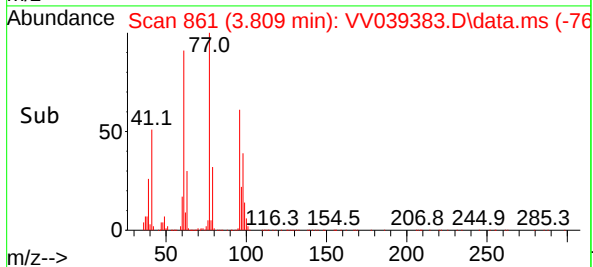
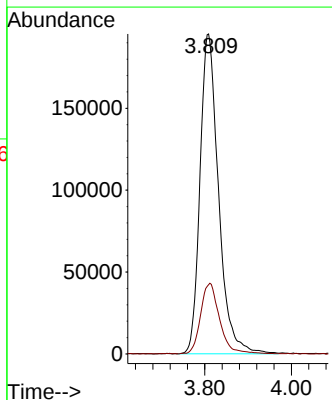
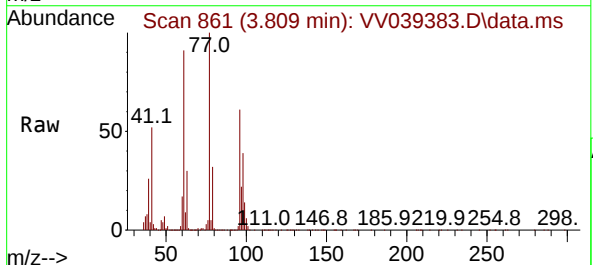
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

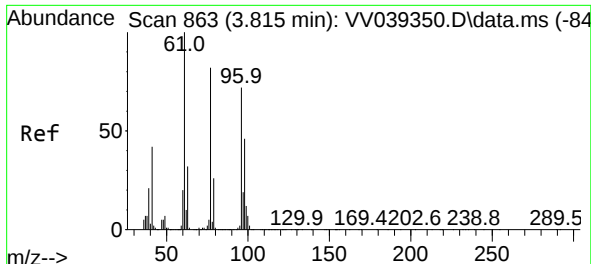
Tgt Ion: 43 Resp: 1545528
Ion Ratio Lower Upper
43 100
72 25.3 20.5 30.7



#26
2,2-Dichloropropane
Concen: 48.012 ug/l
RT: 3.809 min Scan# 861
Delta R.T. 0.004 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

Tgt Ion: 77 Resp: 579763
Ion Ratio Lower Upper
77 100
97 22.5 11.3 33.8

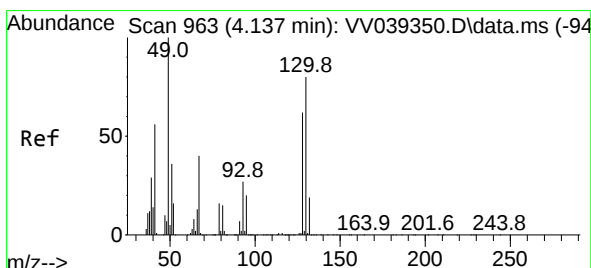
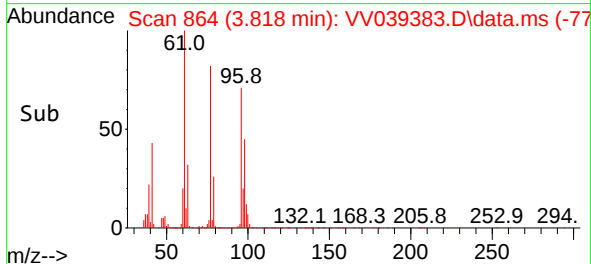
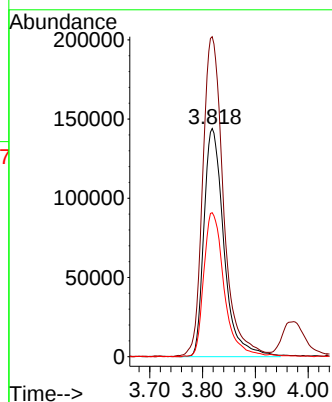
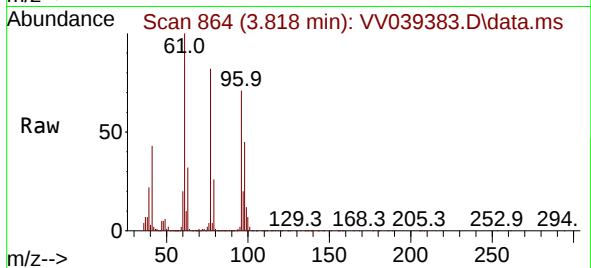




#27
 cis-1,2-Dichloroethene
 Concen: 46.020 ug/l
 RT: 3.818 min Scan# 863
 Delta R.T. 0.003 min
 Lab File: VV039383.D
 Acq: 13 Nov 2025 15:26

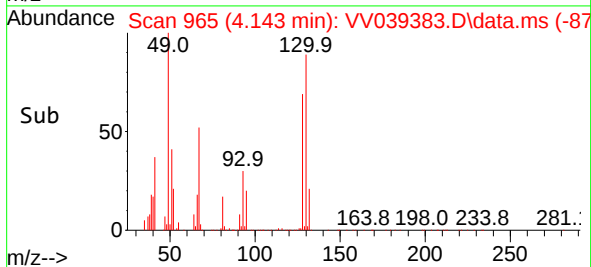
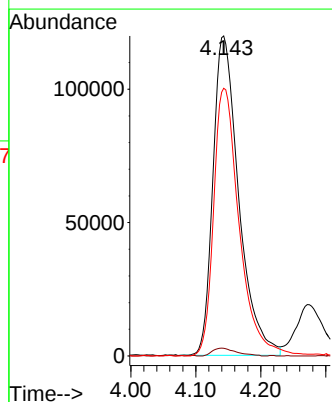
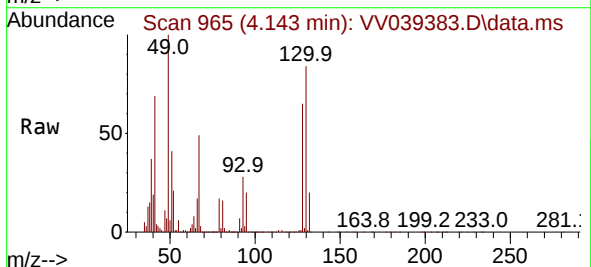
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

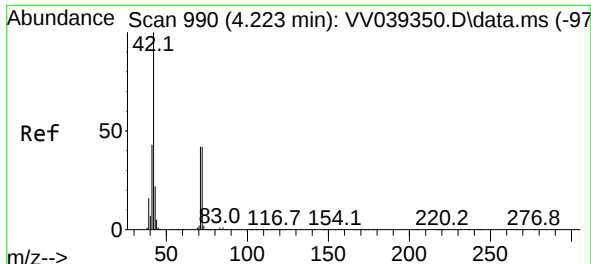
Tgt Ion: 96 Resp: 378064
 Ion Ratio Lower Upper
 96 100
 61 146.4 0.0 287.8
 98 64.1 0.0 129.6



#28
 Bromochloromethane
 Concen: 52.580 ug/l
 RT: 4.143 min Scan# 965
 Delta R.T. 0.006 min
 Lab File: VV039383.D
 Acq: 13 Nov 2025 15:26

Tgt Ion: 49 Resp: 330149
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 2.0#
 130 83.4 67.9 101.9





#29

Tetrahydrofuran

Concen: 279.935 ug/l

RT: 4.227 min Scan# 991

Delta R.T. 0.004 min

Lab File: VV039383.D

Acq: 13 Nov 2025 15:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

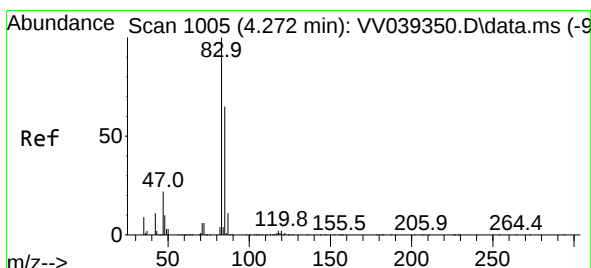
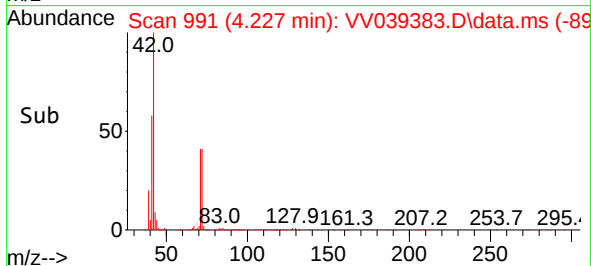
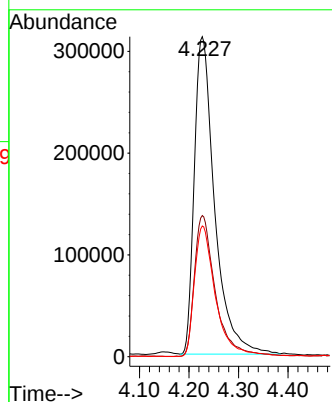
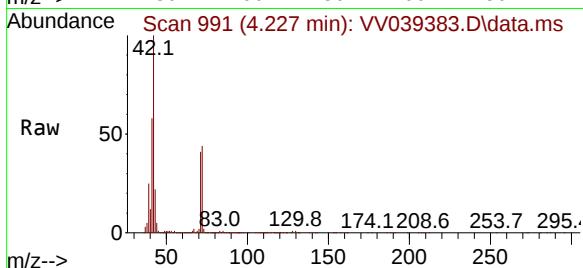
Tgt Ion: 42 Resp: 894155

Ion Ratio Lower Upper

42 100

72 45.6 35.3 52.9

71 42.9 34.0 51.0



#30

Chloroform

Concen: 44.768 ug/l

RT: 4.275 min Scan# 1006

Delta R.T. 0.003 min

Lab File: VV039383.D

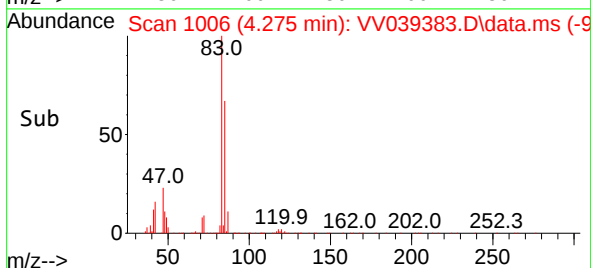
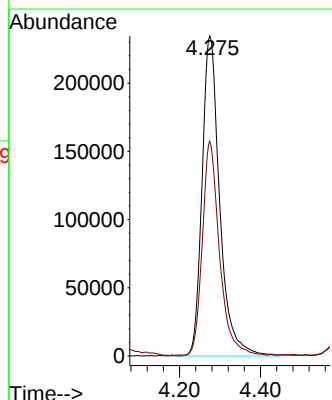
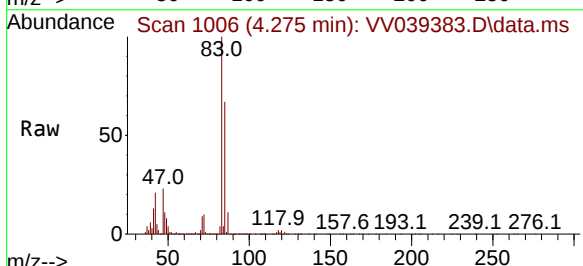
Acq: 13 Nov 2025 15:26

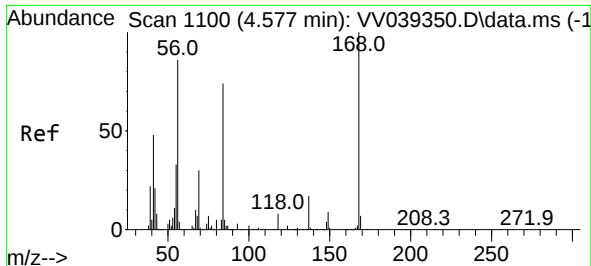
Tgt Ion: 83 Resp: 709893

Ion Ratio Lower Upper

83 100

85 66.8 51.8 77.8

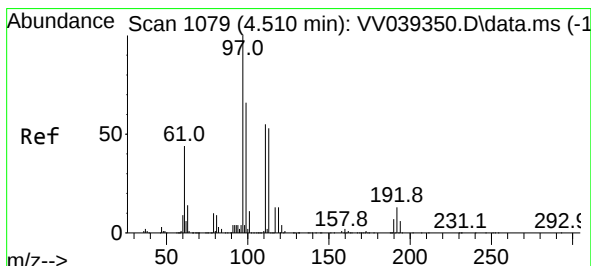
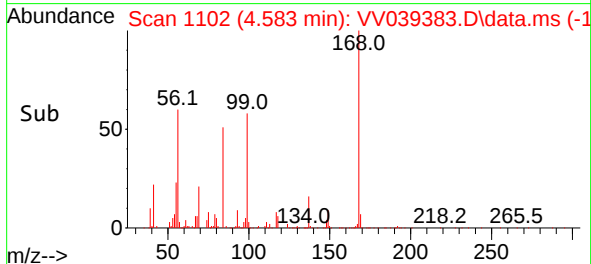
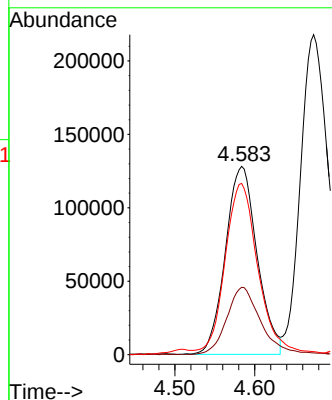
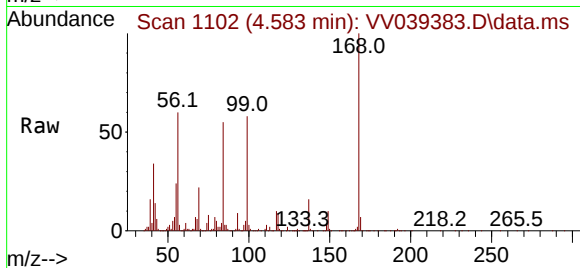




#31
Cyclohexane
Concen: 39.338 ug/l
RT: 4.583 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

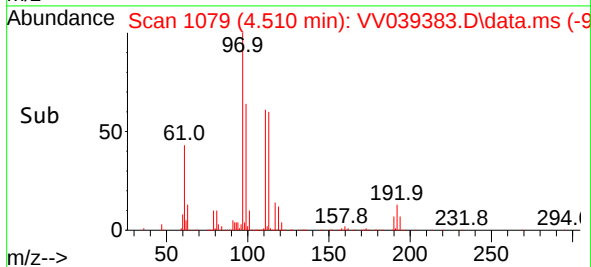
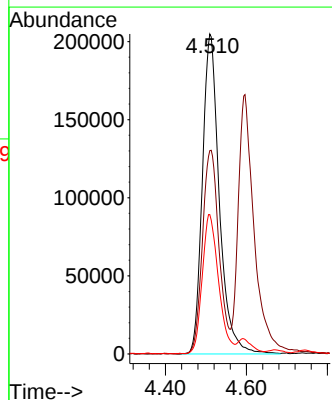
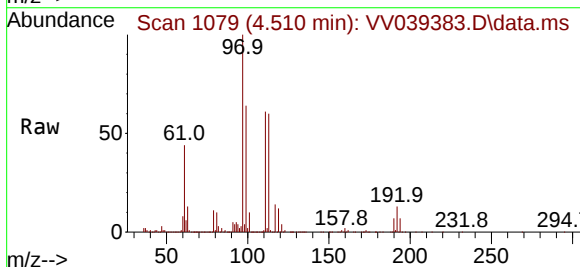
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

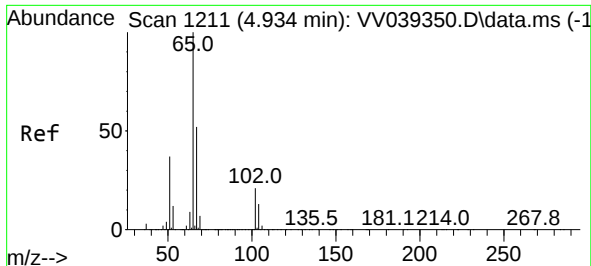
Tgt Ion: 56 Resp: 353498
Ion Ratio Lower Upper
56 100
69 35.7 27.7 41.5
84 88.2 69.4 104.2



#32
1,1,1-Trichloroethane
Concen: 44.929 ug/l
RT: 4.510 min Scan# 1079
Delta R.T. -0.000 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

Tgt Ion: 97 Resp: 595799
Ion Ratio Lower Upper
97 100
99 62.3 49.9 74.9
61 41.8 33.9 50.9





#33

1,2-Dichloroethane-d4

Concen: 46.500 ug/l

RT: 4.937 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039383.D

Acq: 13 Nov 2025 15:26

Instrument :

MSVOA_V

ClientSampleId :

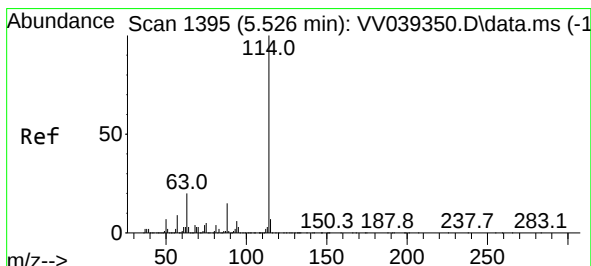
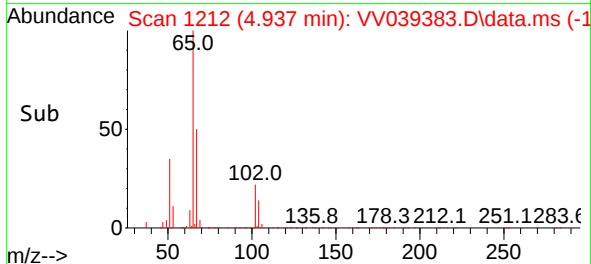
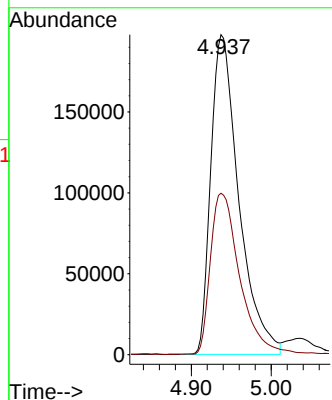
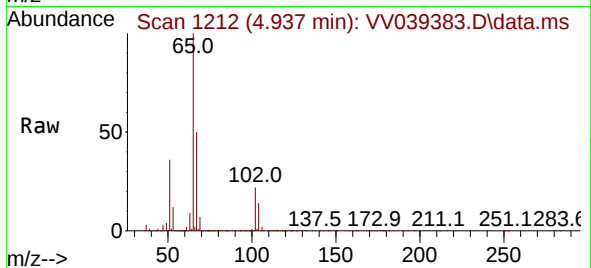
VSTDCCC050EC

Tgt Ion: 65 Resp: 480644

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1396

Delta R.T. 0.003 min

Lab File: VV039383.D

Acq: 13 Nov 2025 15:26

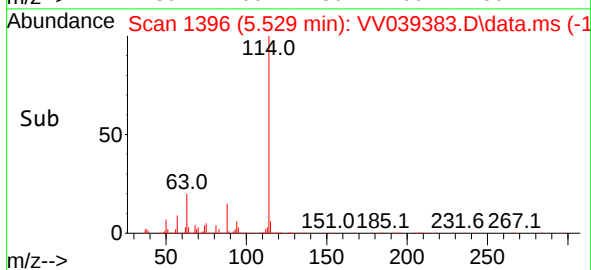
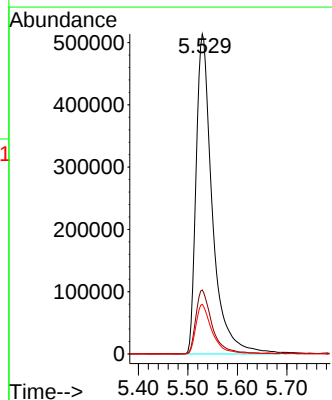
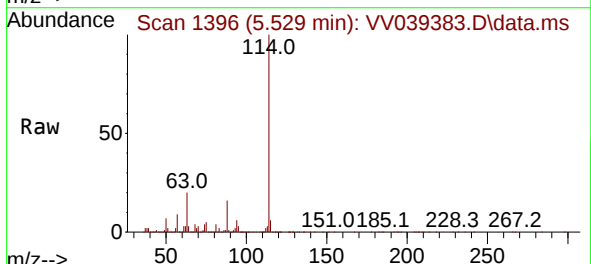
Tgt Ion: 114 Resp: 1174800

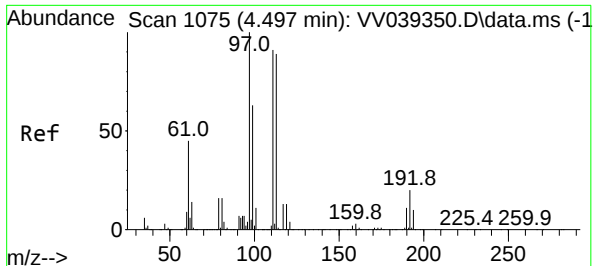
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

88 15.5 0.0 30.2

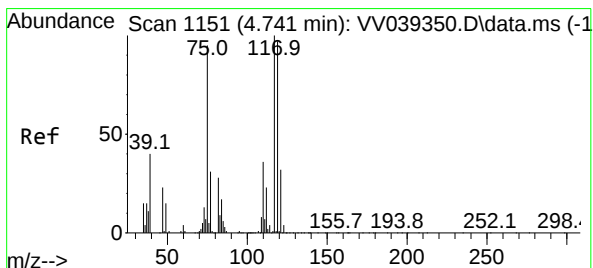
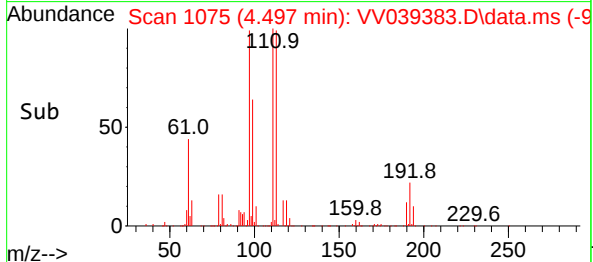
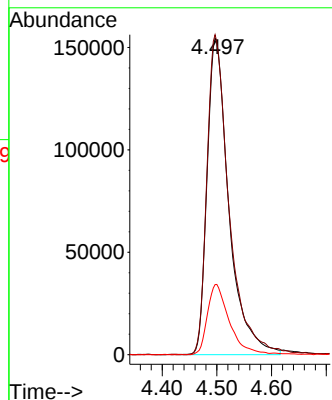
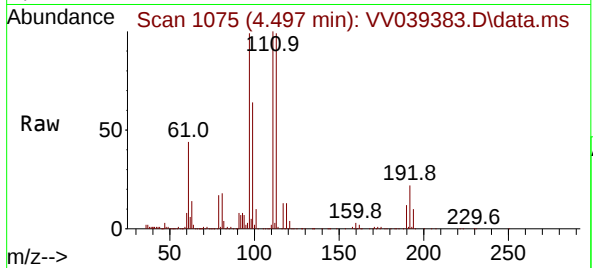




#35
Dibromofluoromethane
Concen: 47.428 ug/l
RT: 4.497 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

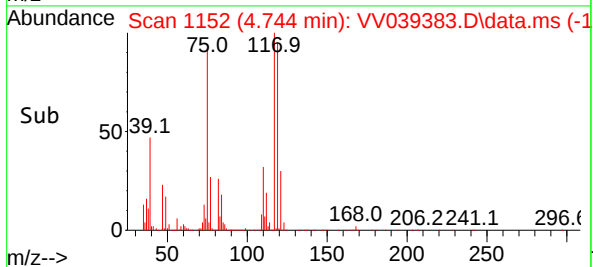
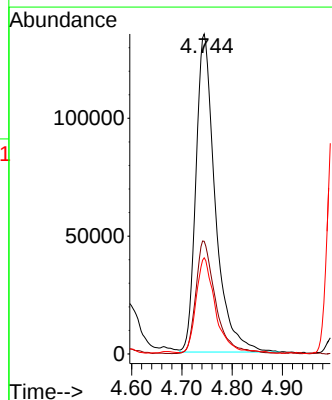
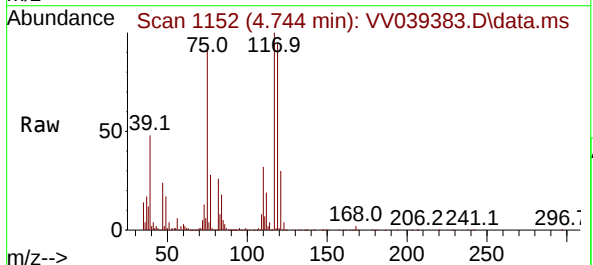
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

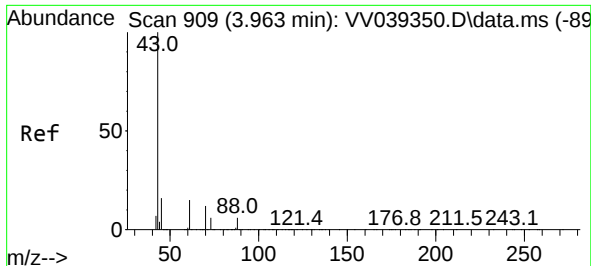
Tgt Ion:113 Resp: 427353
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 22.2 17.8 26.8



#36
1,1-Dichloropropene
Concen: 46.405 ug/l
RT: 4.744 min Scan# 1152
Delta R.T. 0.003 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

Tgt Ion: 75 Resp: 360154
Ion Ratio Lower Upper
75 100
110 35.7 18.1 54.4
77 29.2 24.0 36.0





#37

Ethyl Acetate

Concen: 42.649 ug/l

RT: 3.969 min Scan# 911

Delta R.T. 0.006 min

Lab File: VV039383.D

Acq: 13 Nov 2025 15:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

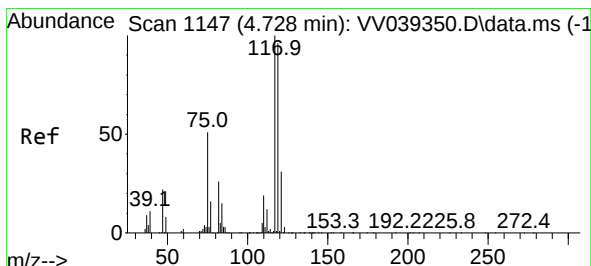
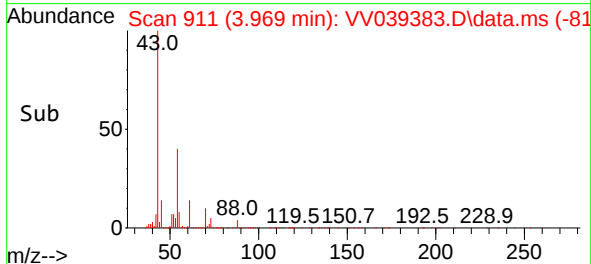
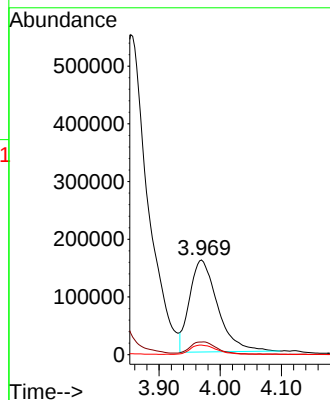
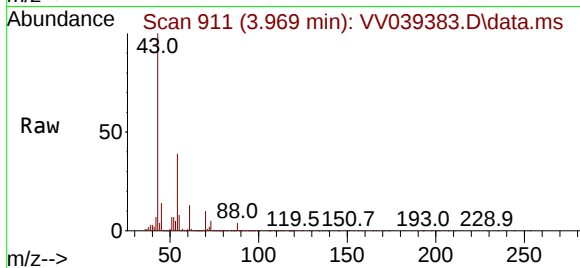
Tgt Ion: 43 Resp: 508486

Ion Ratio Lower Upper

43 100

61 12.8 9.3 13.9

70 9.4 7.0 10.4



#38

Carbon Tetrachloride

Concen: 43.349 ug/l

RT: 4.731 min Scan# 1148

Delta R.T. 0.003 min

Lab File: VV039383.D

Acq: 13 Nov 2025 15:26

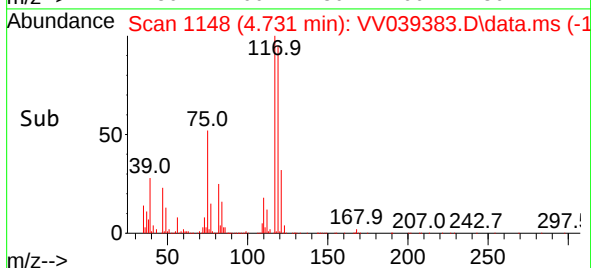
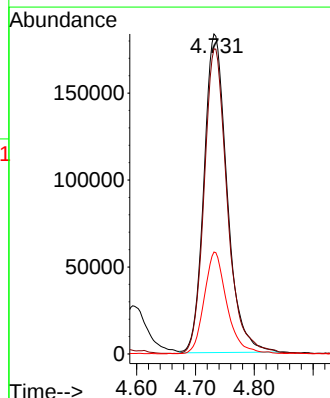
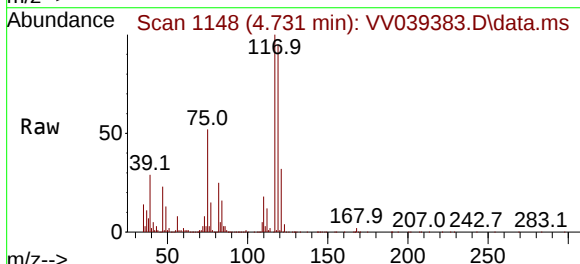
Tgt Ion: 117 Resp: 499753

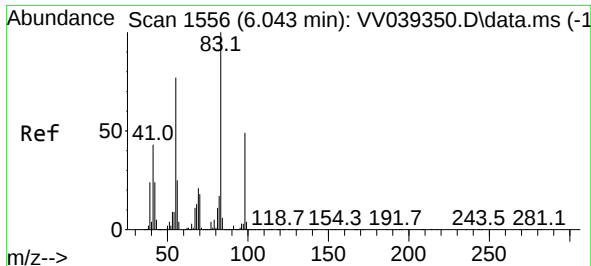
Ion Ratio Lower Upper

117 100

119 95.7 76.1 114.1

121 31.9 25.0 37.4

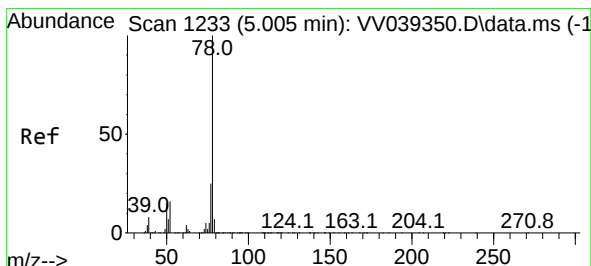
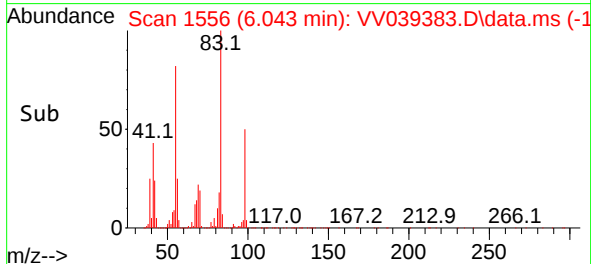
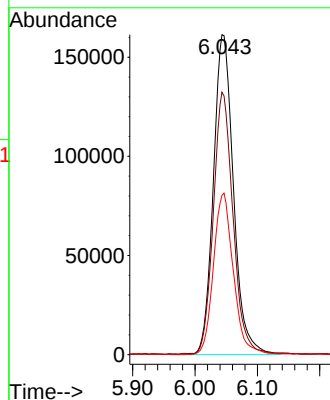
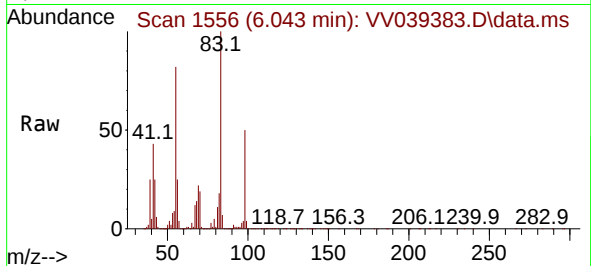




#39
Methylcyclohexane
Concen: 43.636 ug/l
RT: 6.043 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

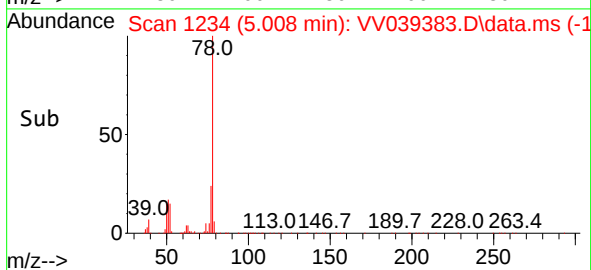
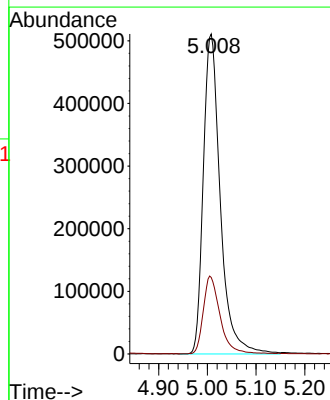
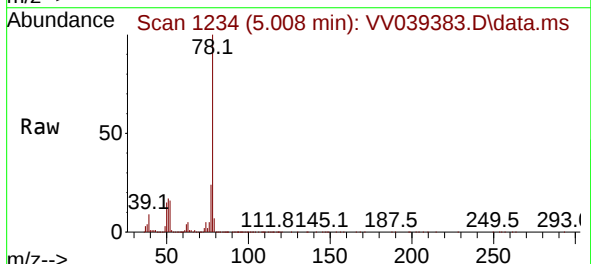
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

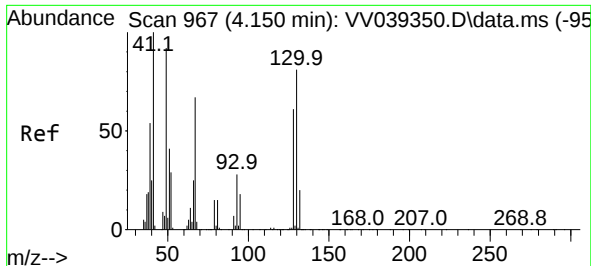
Tgt Ion: 83 Resp: 360553
Ion Ratio Lower Upper
83 100
55 81.7 61.3 91.9
98 49.9 39.0 58.6



#40
Benzene
Concen: 45.554 ug/l
RT: 5.008 min Scan# 1234
Delta R.T. 0.003 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

Tgt Ion: 78 Resp: 1236329
Ion Ratio Lower Upper
78 100
77 23.9 19.6 29.4



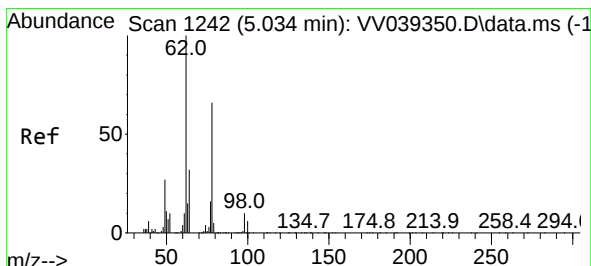
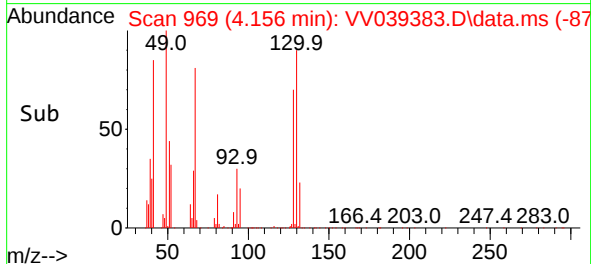
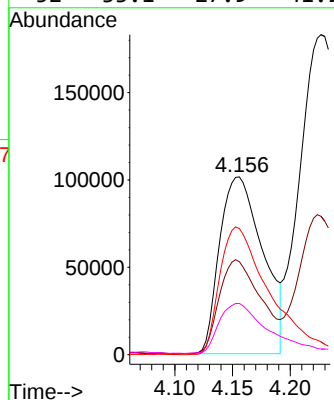
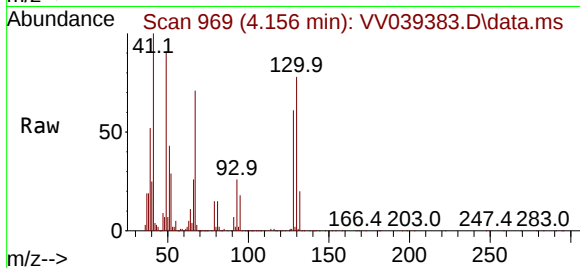


#41
Methacrylonitrile
Concen: 62.011 ug/l
RT: 4.156 min Scan# 969
Delta R.T. 0.006 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 264022

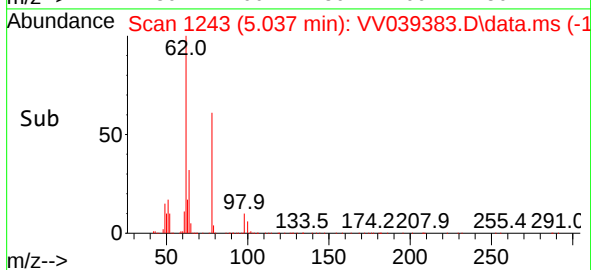
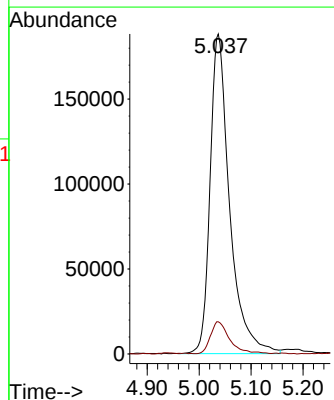
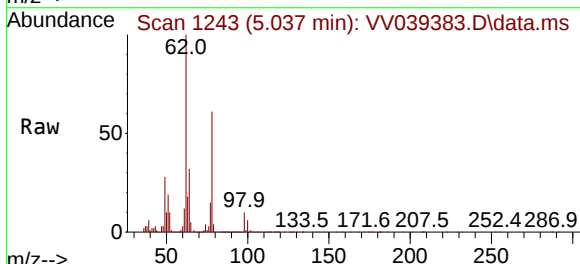
Ion	Ratio	Lower	Upper
41	100		
39	51.8	44.3	66.5
67	87.7	71.4	107.2
52	33.1	27.9	41.9

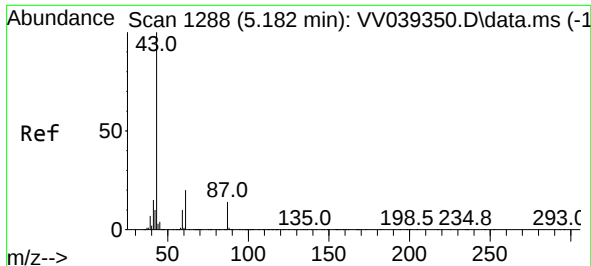


#42
1,2-Dichloroethane
Concen: 46.423 ug/l
RT: 5.037 min Scan# 1243
Delta R.T. 0.003 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

Tgt Ion: 62 Resp: 490992

Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.6

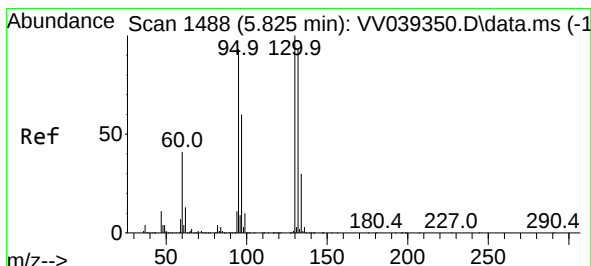
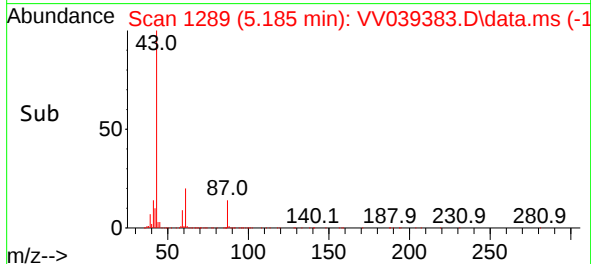
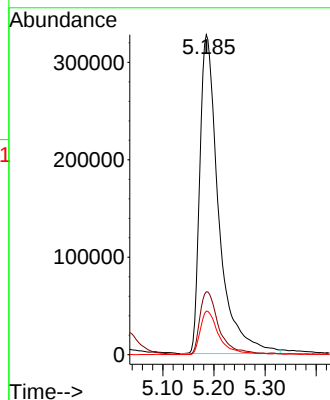
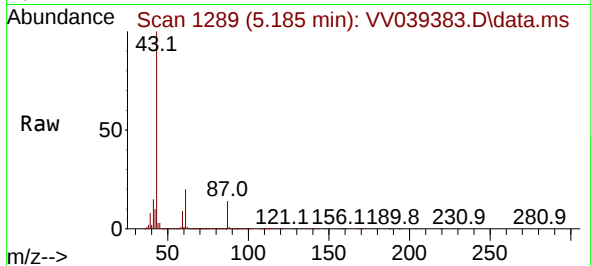




#43
Isopropyl Acetate
Concen: 52.951 ug/l
RT: 5.185 min Scan# 1288
Delta R.T. 0.003 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

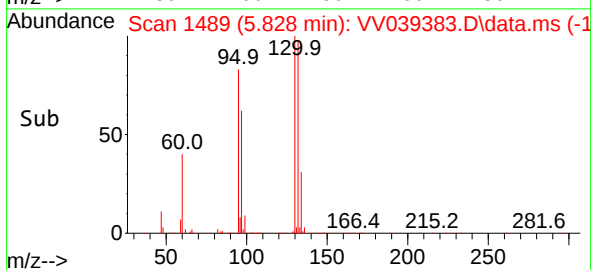
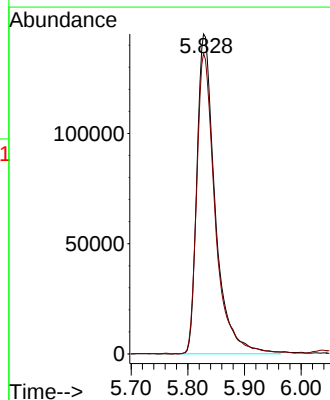
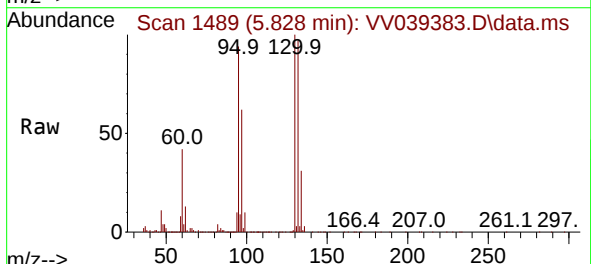
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

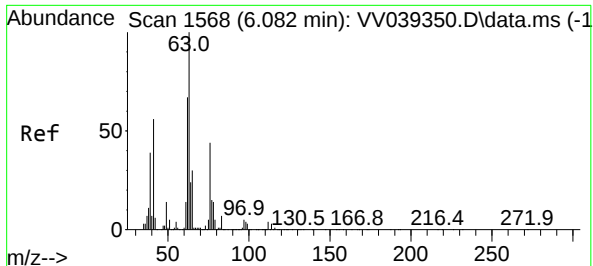
Tgt Ion: 43 Resp: 841022
Ion Ratio Lower Upper
43 100
61 19.6 15.7 23.5
87 13.4 11.1 16.7



#44
Trichloroethene
Concen: 43.858 ug/l
RT: 5.828 min Scan# 1489
Delta R.T. 0.003 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

Tgt Ion:130 Resp: 322985
Ion Ratio Lower Upper
130 100
95 94.0 0.0 186.8





#45

1,2-Dichloropropane

Concen: 50.136 ug/l

RT: 6.085 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039383.D

Acq: 13 Nov 2025 15:26

Instrument :

MSVOA_V

ClientSampleId :

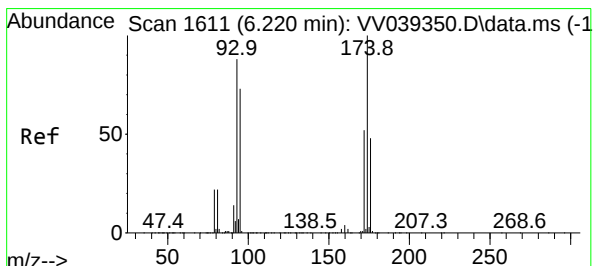
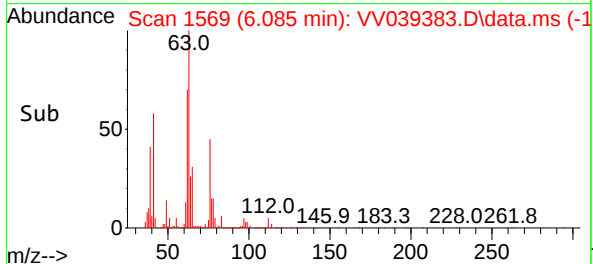
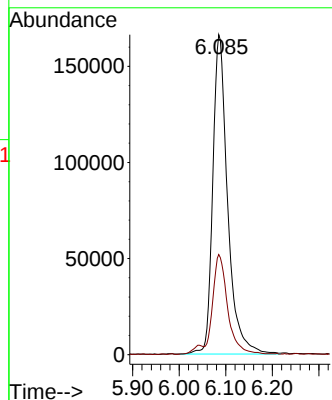
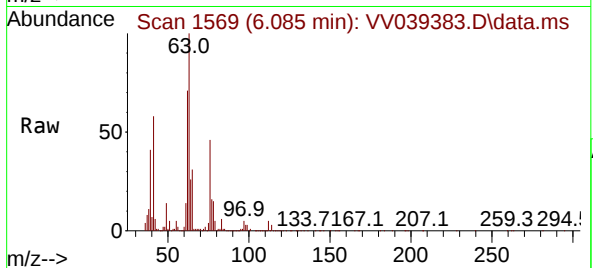
VSTDCCC050EC

Tgt Ion: 63 Resp: 368168

Ion Ratio Lower Upper

63 100

65 31.2 23.9 35.9



#46

Dibromomethane

Concen: 44.696 ug/l

RT: 6.223 min Scan# 1612

Delta R.T. 0.003 min

Lab File: VV039383.D

Acq: 13 Nov 2025 15:26

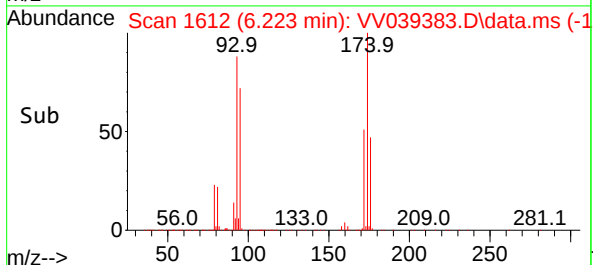
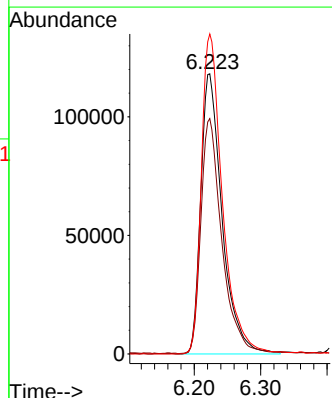
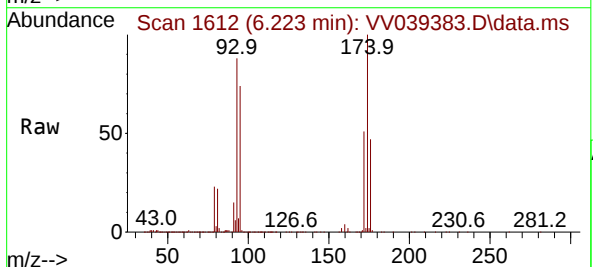
Tgt Ion: 93 Resp: 263936

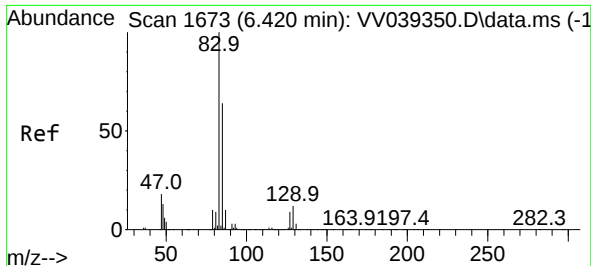
Ion Ratio Lower Upper

93 100

95 82.2 65.9 98.9

174 113.0 91.4 137.0

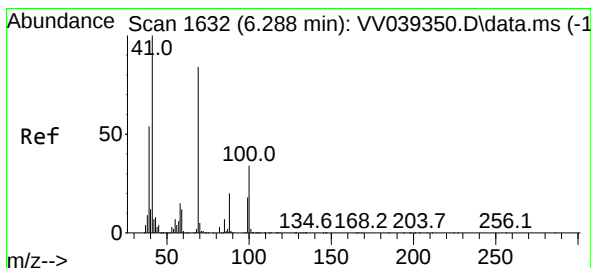
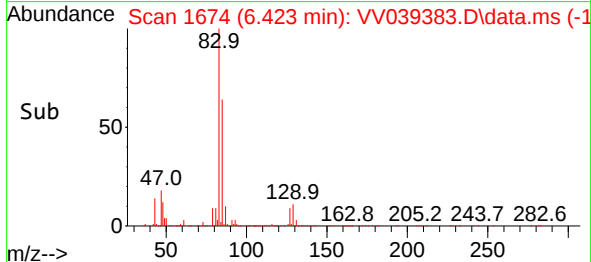
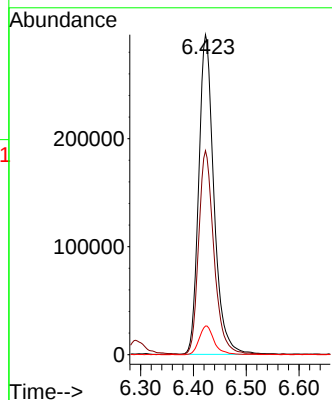
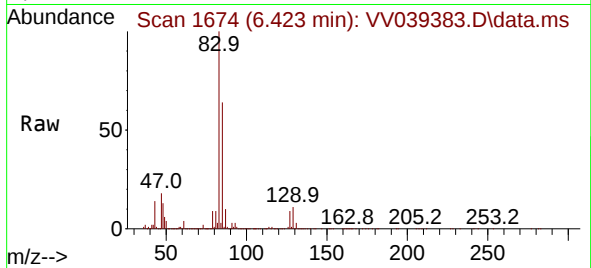




#47
Bromodichloromethane
Concen: 46.246 ug/l
RT: 6.423 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

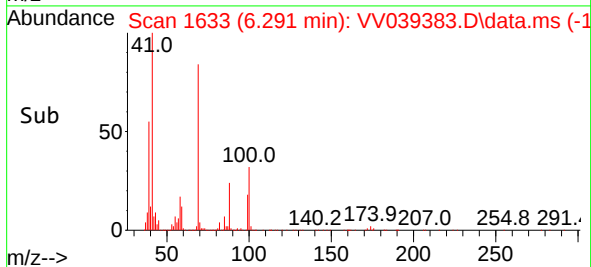
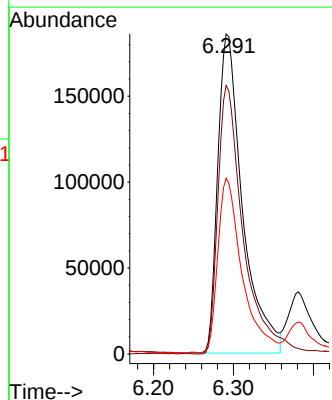
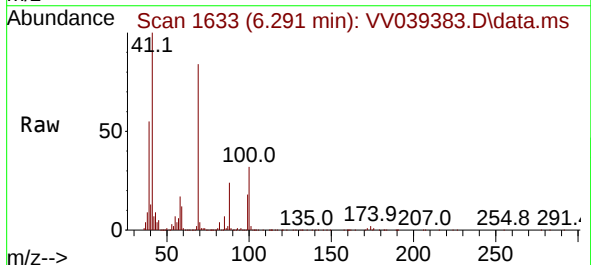
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

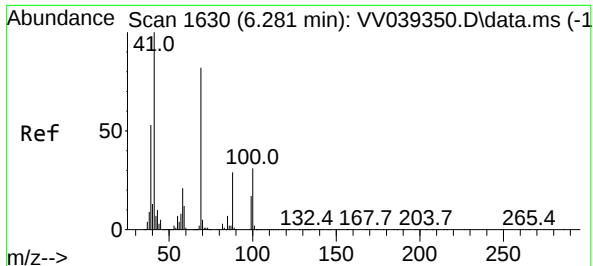
Tgt Ion: 83 Resp: 591418
Ion Ratio Lower Upper
83 100
85 63.7 51.0 76.4
127 8.9 7.3 10.9



#48
Methyl methacrylate
Concen: 53.850 ug/l
RT: 6.291 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

Tgt Ion: 41 Resp: 398346
Ion Ratio Lower Upper
41 100
69 87.3 69.1 103.7
39 53.7 42.8 64.2





#49

1,4-Dioxane

Concen: 988.986 ug/l

RT: 6.284 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039383.D

Acq: 13 Nov 2025 15:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

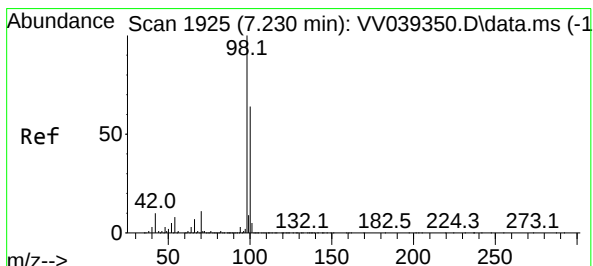
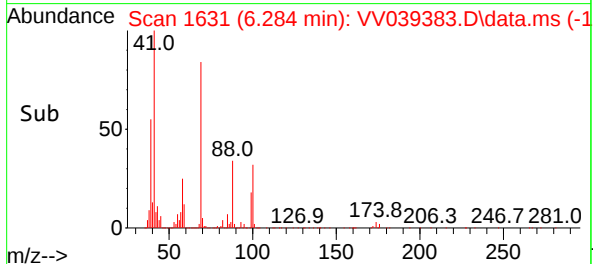
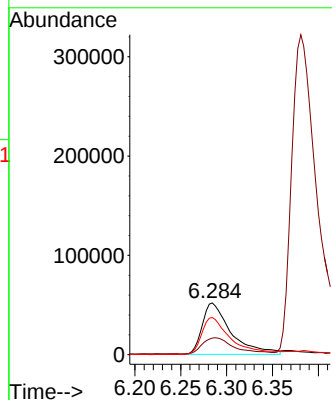
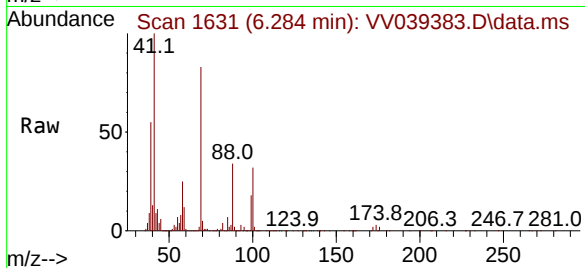
Tgt Ion: 88 Resp: 112681

Ion Ratio Lower Upper

88 100

43 34.6 26.6 40.0

58 72.5 55.4 83.0



#50

Toluene-d8

Concen: 47.225 ug/l

RT: 7.233 min Scan# 1926

Delta R.T. 0.003 min

Lab File: VV039383.D

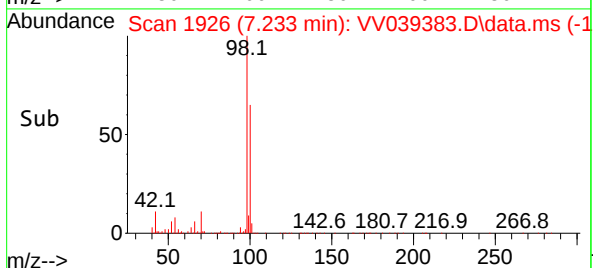
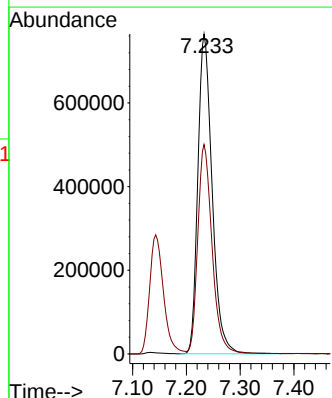
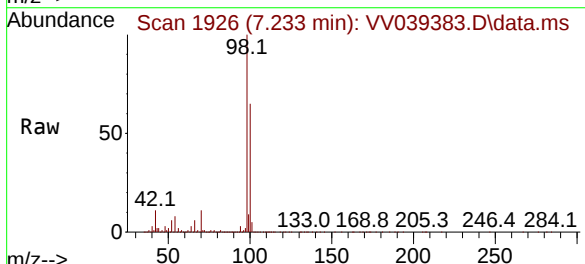
Acq: 13 Nov 2025 15:26

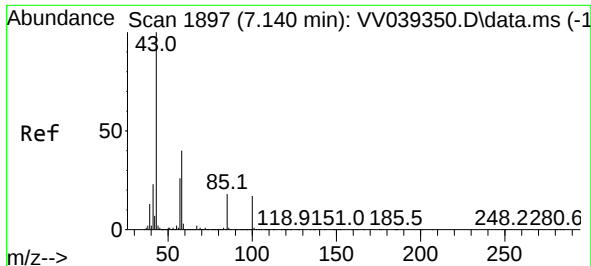
Tgt Ion: 98 Resp: 1406169

Ion Ratio Lower Upper

98 100

100 65.5 52.8 79.2

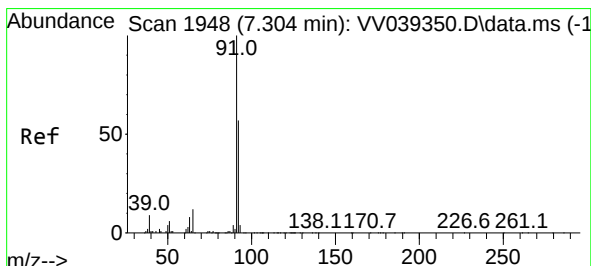
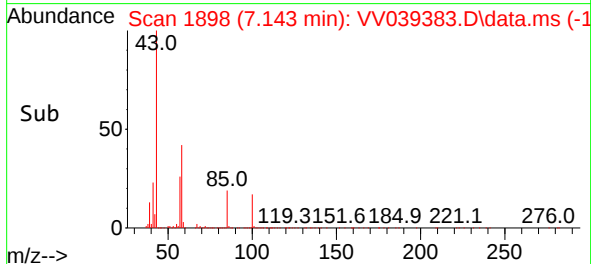
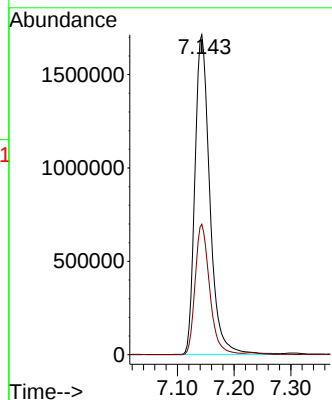
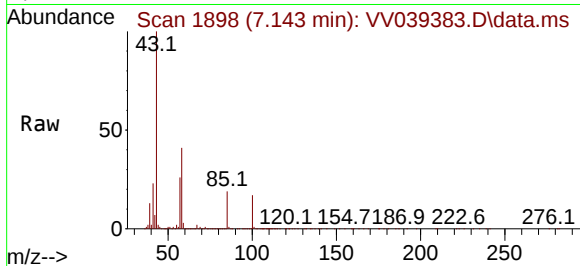




#51
4-Methyl-2-Pentanone
Concen: 287.727 ug/l
RT: 7.143 min Scan# 1897
Delta R.T. 0.003 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

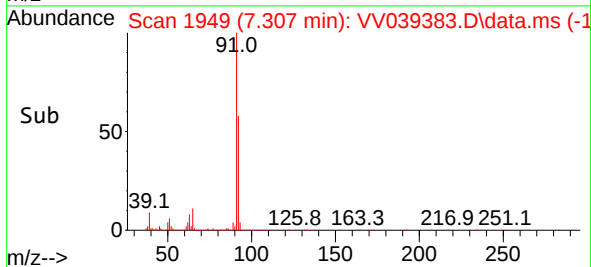
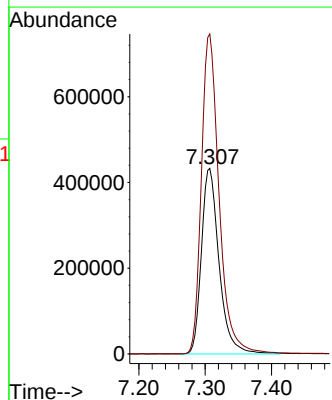
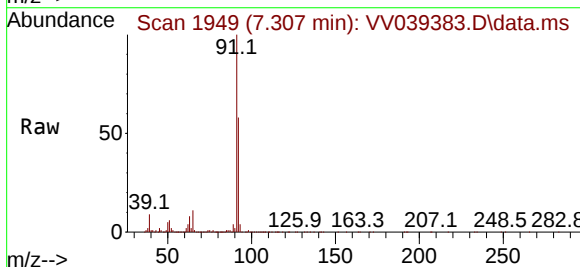
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

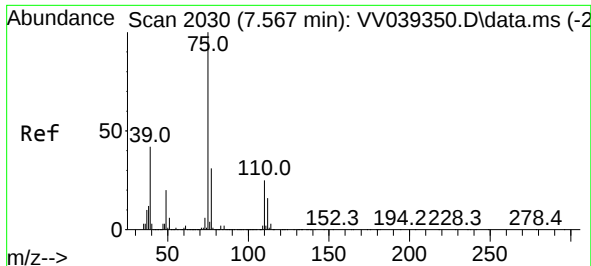
Tgt Ion: 43 Resp: 3123929
Ion Ratio Lower Upper
43 100
58 39.7 31.8 47.6



#52
Toluene
Concen: 46.964 ug/l
RT: 7.307 min Scan# 1949
Delta R.T. 0.003 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

Tgt Ion: 92 Resp: 798736
Ion Ratio Lower Upper
92 100
91 173.8 139.0 208.6

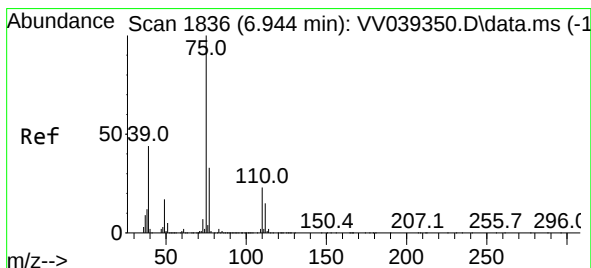
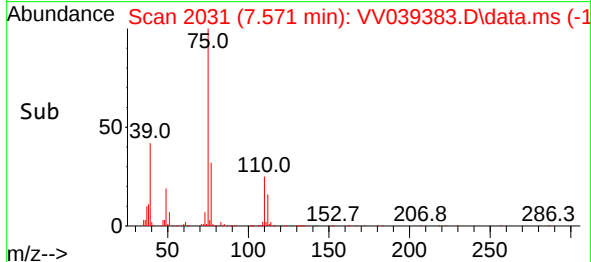
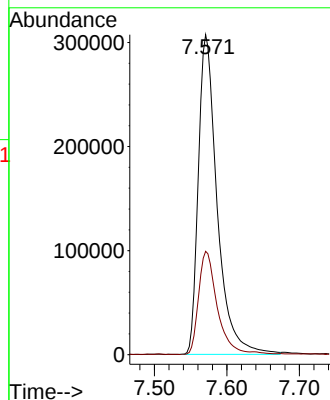
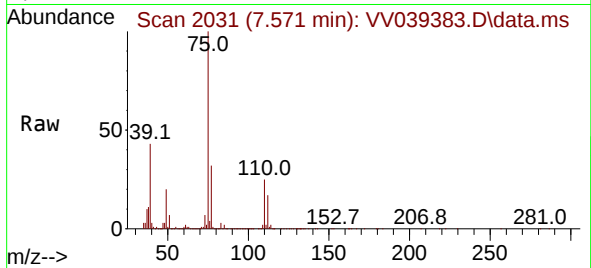




#53
 t-1,3-Dichloropropene
 Concen: 50.359 ug/l
 RT: 7.571 min Scan# 2030
 Delta R.T. 0.003 min
 Lab File: VV039383.D
 Acq: 13 Nov 2025 15:26

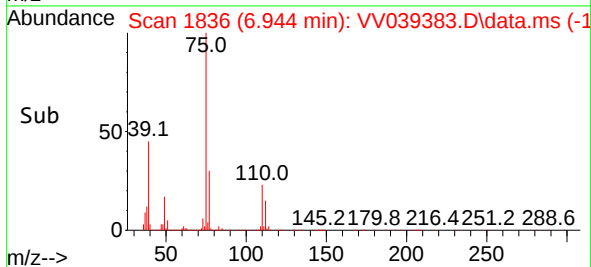
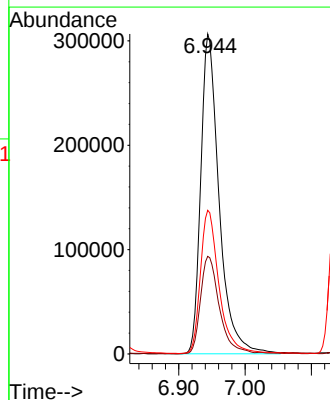
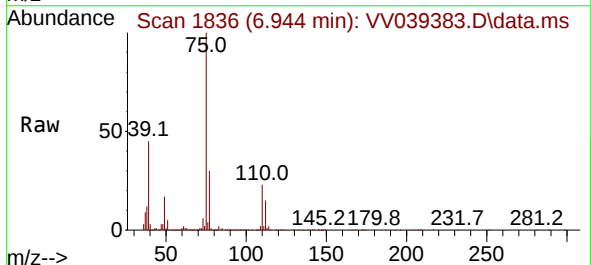
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

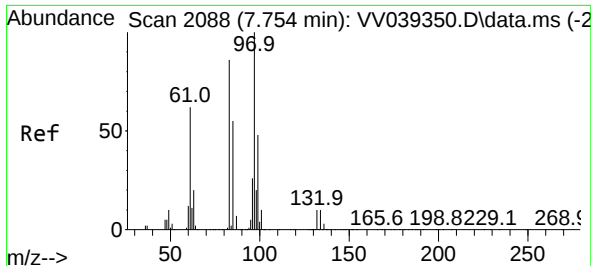
Tgt Ion: 75 Resp: 554106
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 50.406 ug/l
 RT: 6.944 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: VV039383.D
 Acq: 13 Nov 2025 15:26

Tgt Ion: 75 Resp: 588833
 Ion Ratio Lower Upper
 75 100
 77 30.4 26.3 39.5
 39 44.8 35.5 53.3

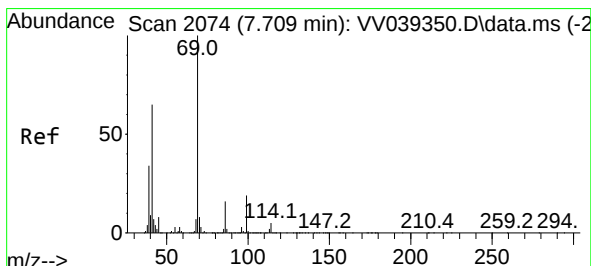
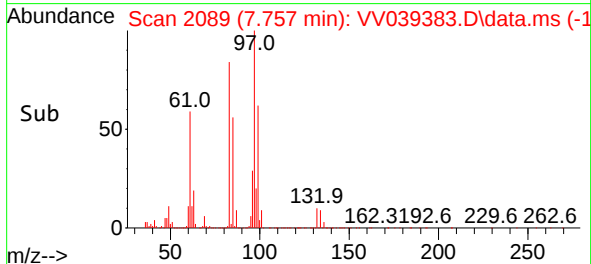
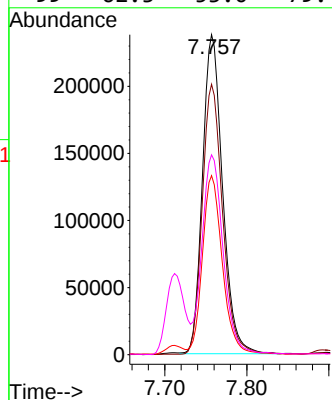
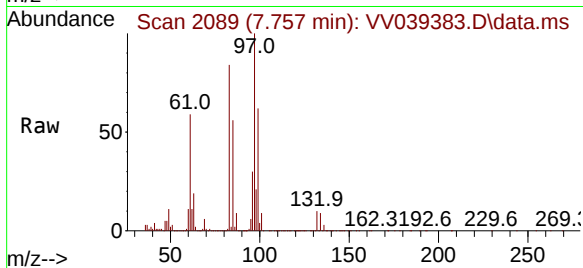




#55
 1,1,2-Trichloroethane
 Concen: 46.880 ug/l
 RT: 7.757 min Scan# 2088
 Delta R.T. 0.003 min
 Lab File: VV039383.D
 Acq: 13 Nov 2025 15:26

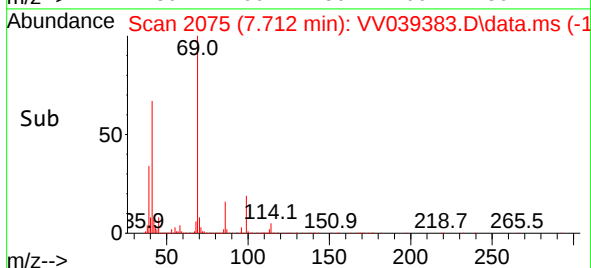
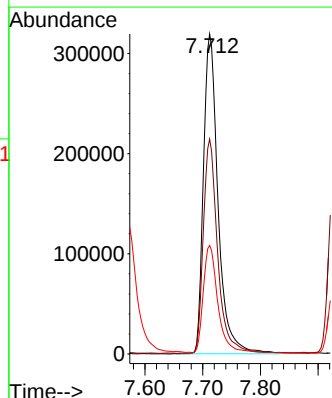
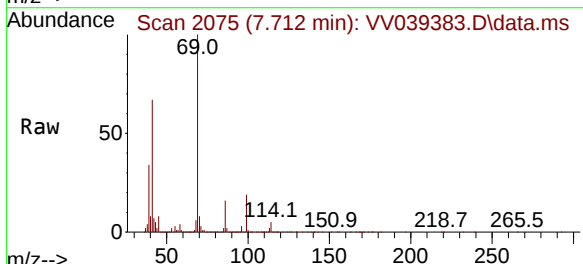
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

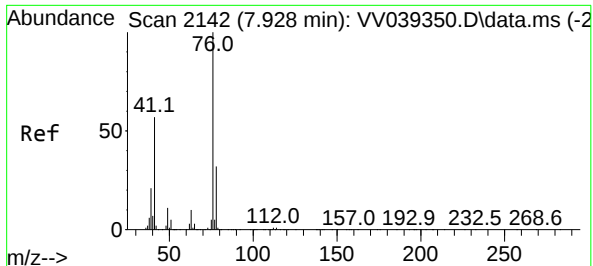
Tgt Ion:	97	Resp:	403682
Ion	Ratio	Lower	Upper
97	100		
83	84.6	68.8	103.2
85	55.9	45.2	67.8
99	62.3	53.0	79.4



#56
 Ethyl methacrylate
 Concen: 54.060 ug/l
 RT: 7.712 min Scan# 2075
 Delta R.T. 0.003 min
 Lab File: VV039383.D
 Acq: 13 Nov 2025 15:26

Tgt Ion:	69	Resp:	562051
Ion	Ratio	Lower	Upper
69	100		
41	65.3	52.5	78.7
39	33.0	26.7	40.1

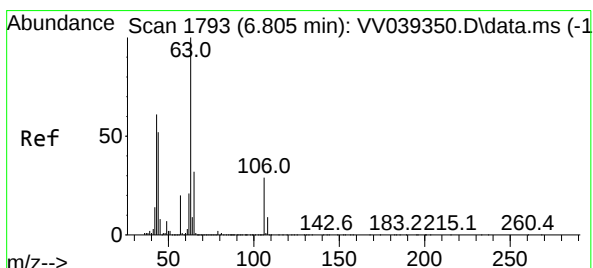
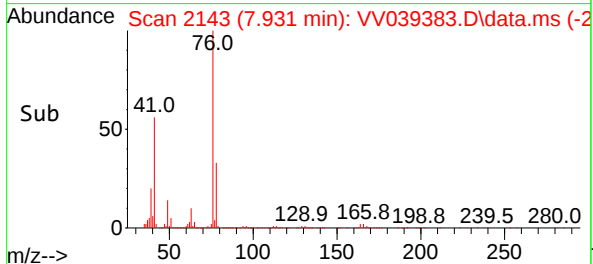
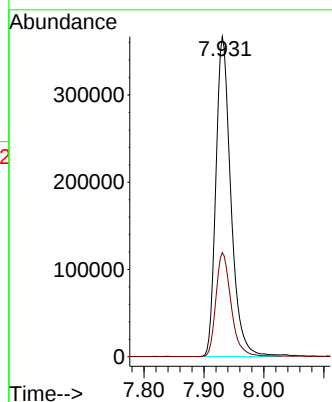
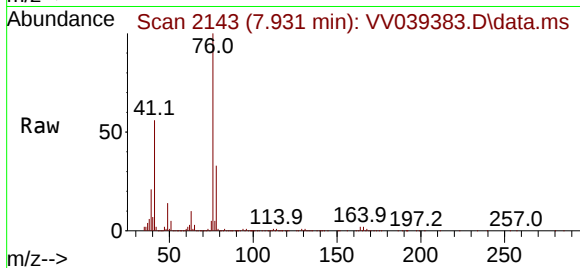




#57
1,3-Dichloropropane
Concen: 48.087 ug/l
RT: 7.931 min Scan# 2143
Delta R.T. 0.003 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

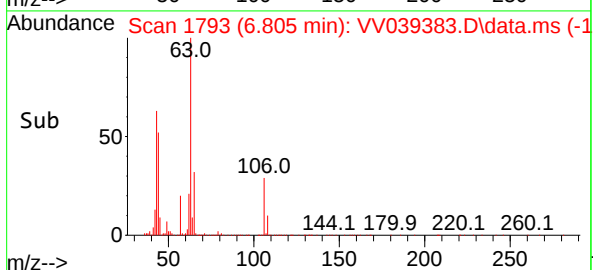
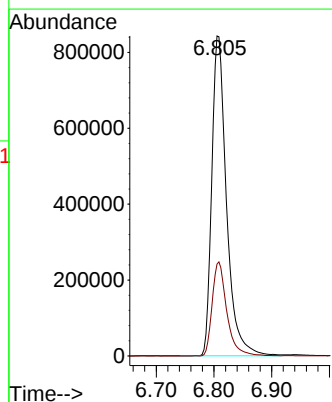
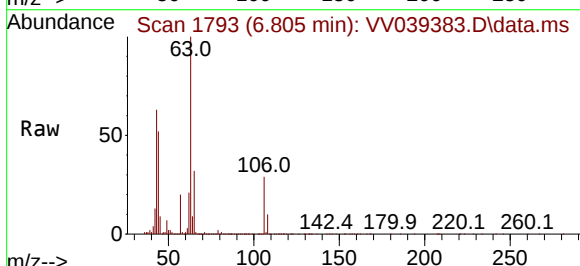
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

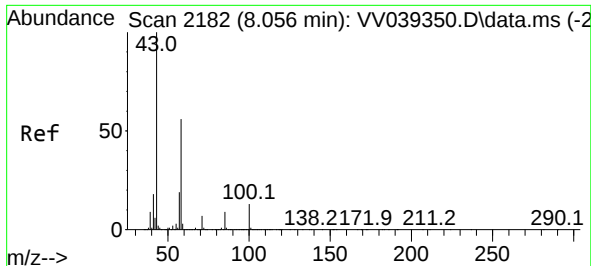
Tgt Ion: 76 Resp: 636822
Ion Ratio Lower Upper
76 100
78 32.8 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 505.321 ug/l
RT: 6.805 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

Tgt Ion: 63 Resp: 1494018
Ion Ratio Lower Upper
63 100
106 29.1 23.3 34.9

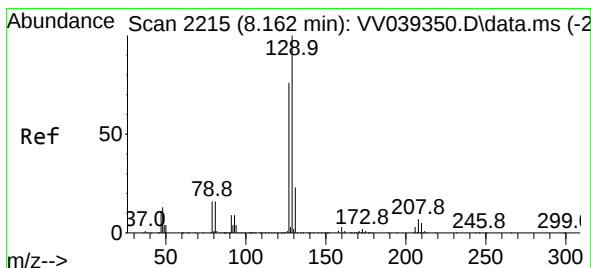
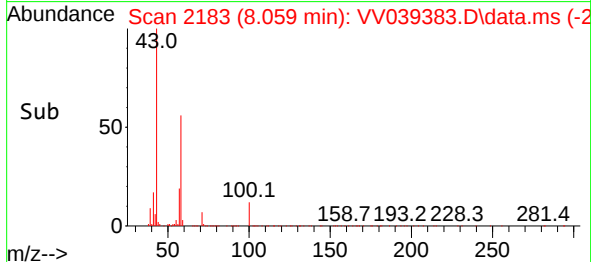
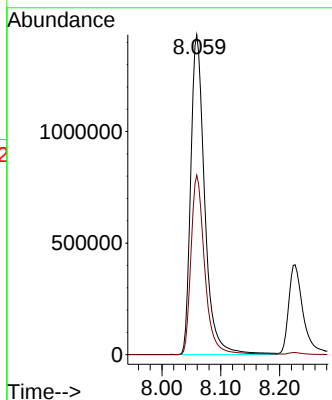
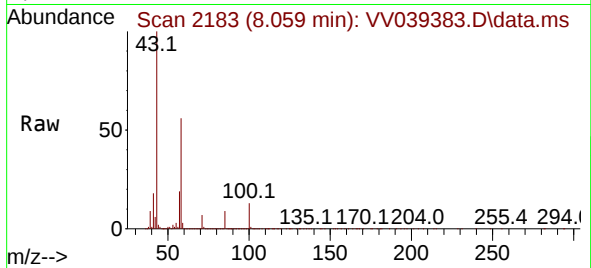




#59
2-Hexanone
Concen: 304.271 ug/l
RT: 8.059 min Scan# 2182
Delta R.T. 0.003 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

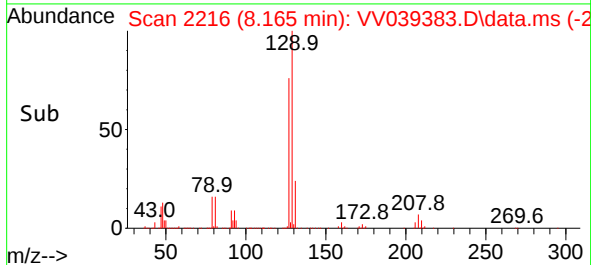
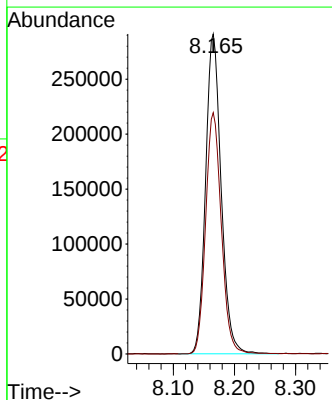
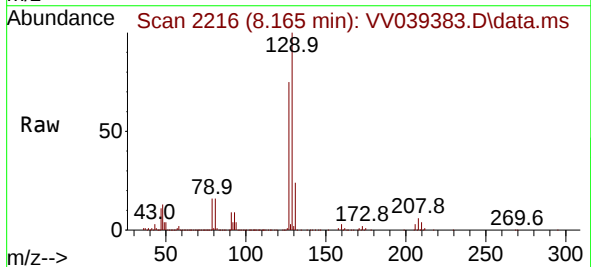
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

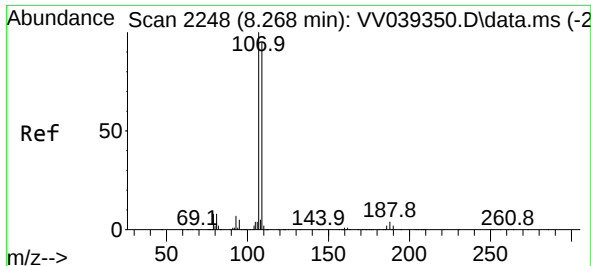
Tgt Ion: 43 Resp: 2361025
Ion Ratio Lower Upper
43 100
58 55.5 27.7 83.1



#60
Dibromochloromethane
Concen: 46.517 ug/l
RT: 8.165 min Scan# 2216
Delta R.T. 0.003 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

Tgt Ion: 129 Resp: 513270
Ion Ratio Lower Upper
129 100
127 76.3 38.6 115.7

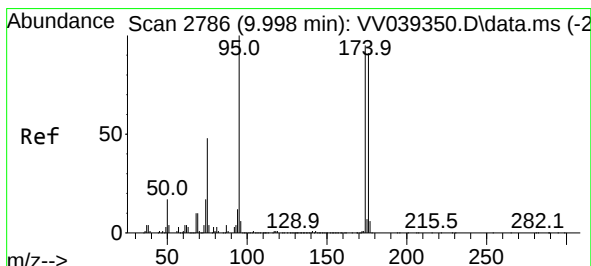
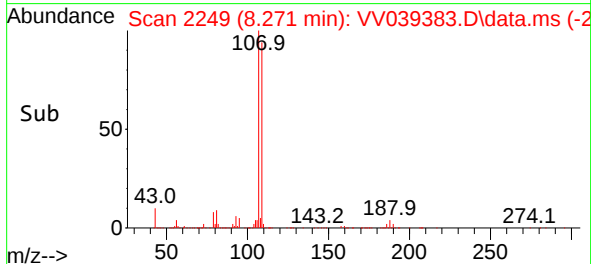
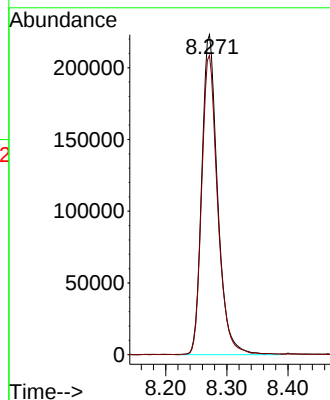
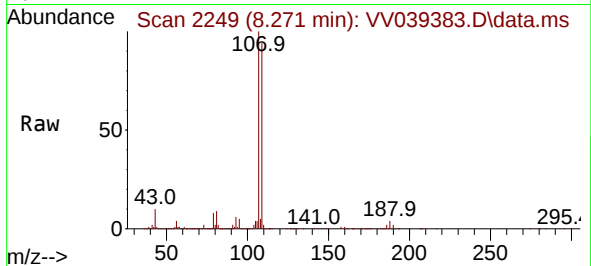




#61
1,2-Dibromoethane
Concen: 47.871 ug/l
RT: 8.271 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

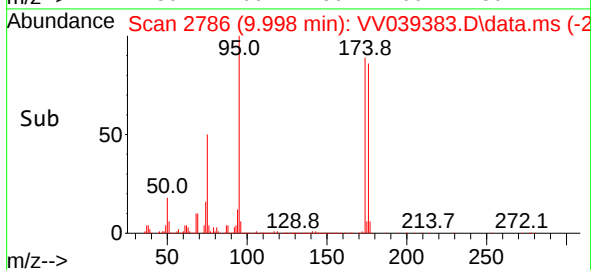
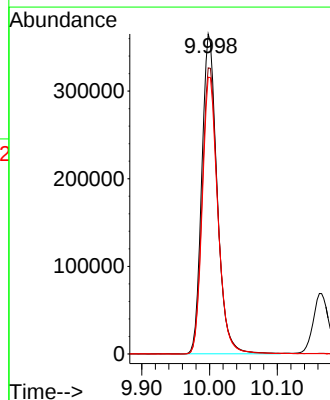
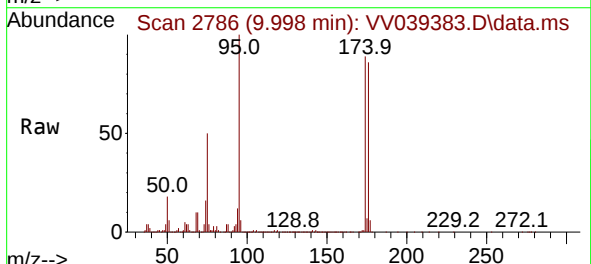
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

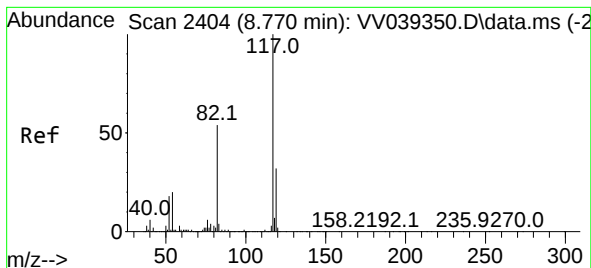
Tgt Ion:107 Resp: 401796
Ion Ratio Lower Upper
107 100
109 93.6 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 50.101 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

Tgt Ion: 95 Resp: 573233
Ion Ratio Lower Upper
95 100
174 91.5 0.0 187.6
176 87.8 0.0 180.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.773 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VV039383.D

Acq: 13 Nov 2025 15:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

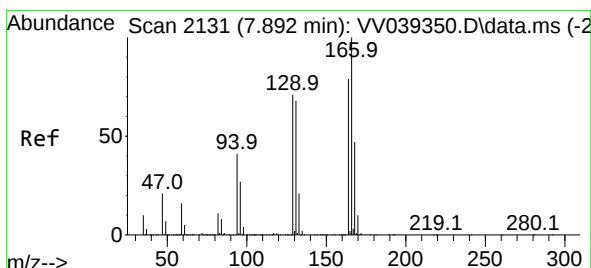
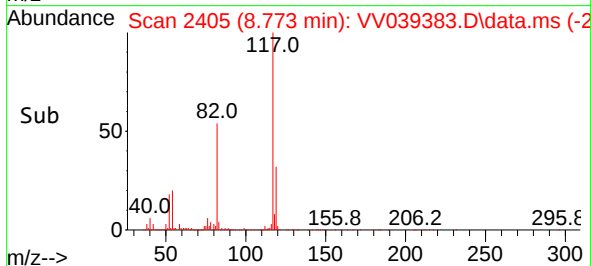
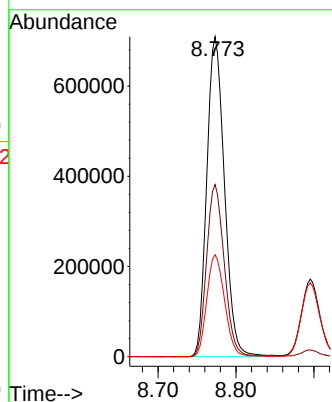
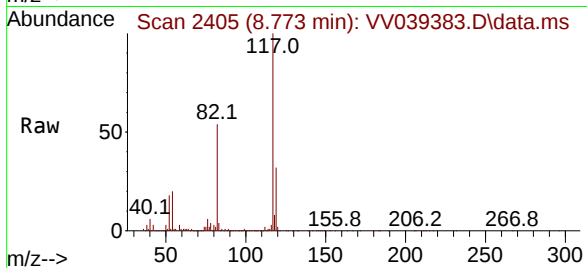
Tgt Ion:117 Resp: 1118791

Ion Ratio Lower Upper

117 100

82 53.8 42.9 64.3

119 31.9 25.5 38.3



#64

Tetrachloroethene

Concen: 42.504 ug/l

RT: 7.895 min Scan# 2132

Delta R.T. 0.003 min

Lab File: VV039383.D

Acq: 13 Nov 2025 15:26

Tgt Ion:164 Resp: 293891

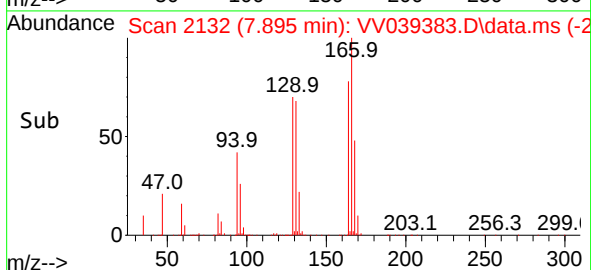
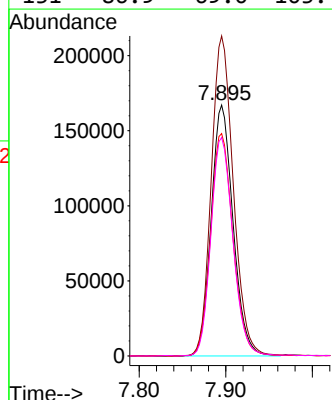
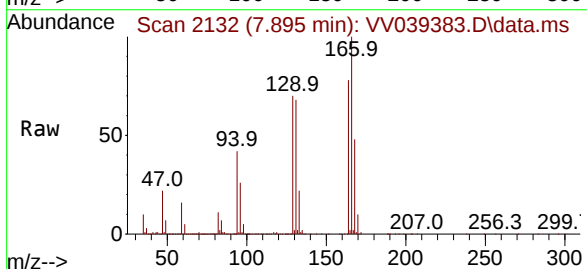
Ion Ratio Lower Upper

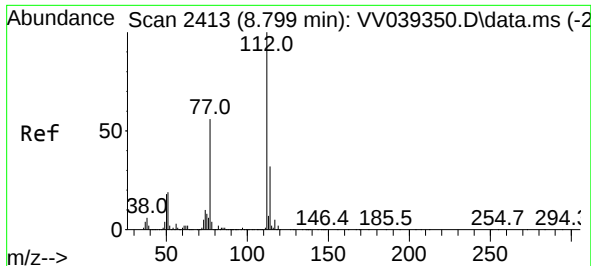
164 100

166 127.6 101.9 152.9

129 88.6 71.8 107.8

131 86.9 69.0 103.4

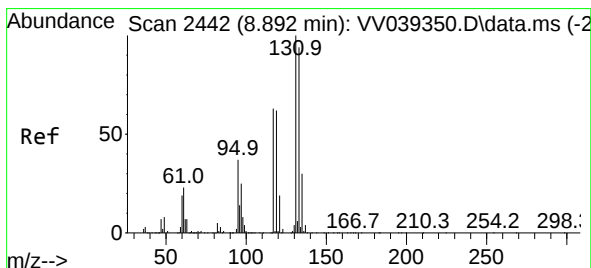
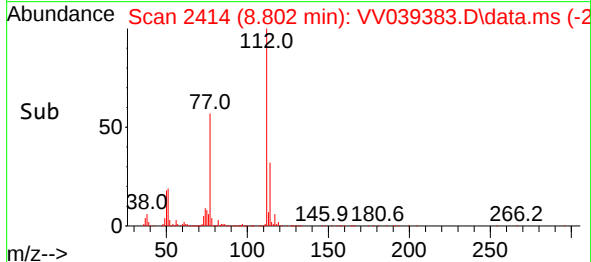
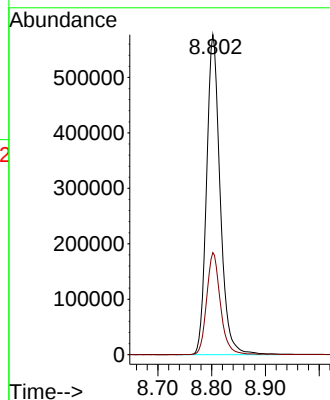
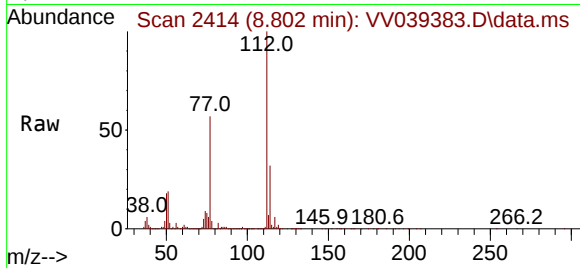




#65
Chlorobenzene
Concen: 45.388 ug/l
RT: 8.802 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

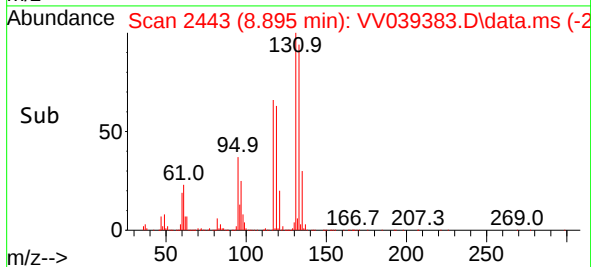
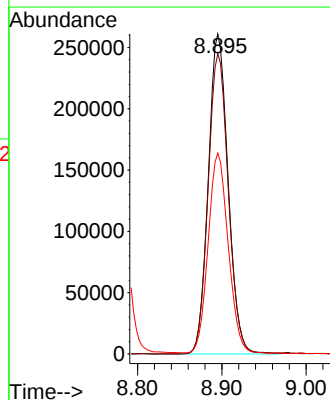
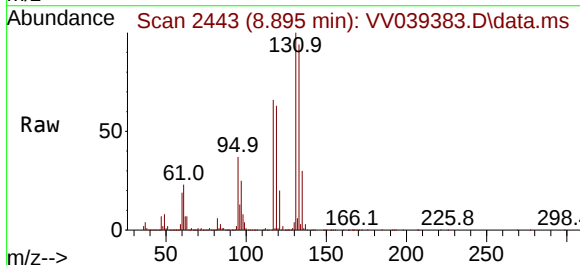
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

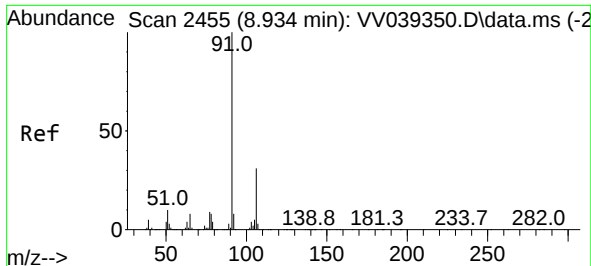
Tgt Ion:112 Resp: 1010878
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 46.053 ug/l
RT: 8.895 min Scan# 2443
Delta R.T. 0.003 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

Tgt Ion:131 Resp: 427968
Ion Ratio Lower Upper
131 100
133 95.5 47.9 143.8
119 63.2 31.6 94.8

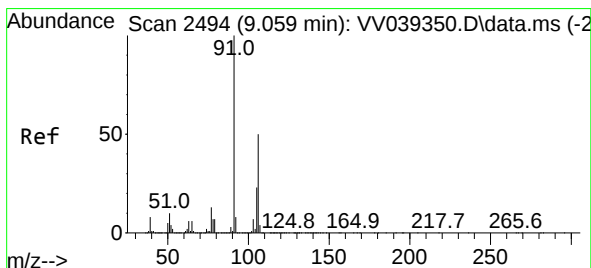
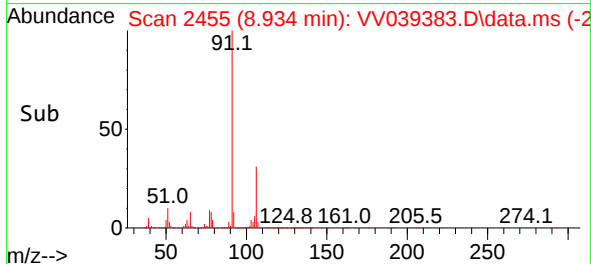
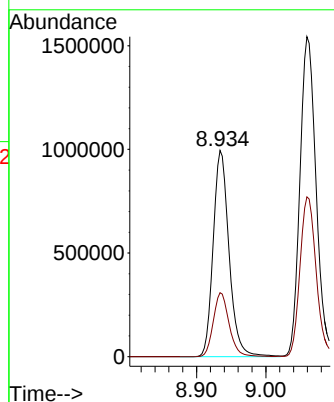
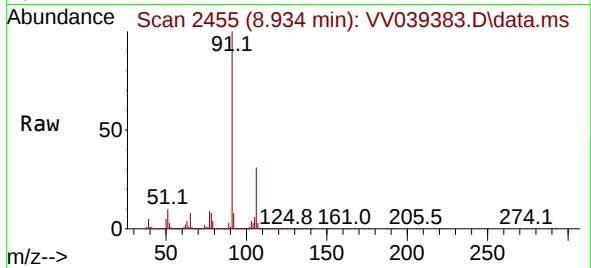




#67
Ethyl Benzene
Concen: 49.072 ug/l
RT: 8.934 min Scan# 2455
Delta R.T. -0.000 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

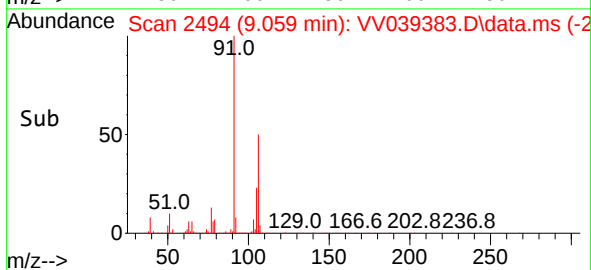
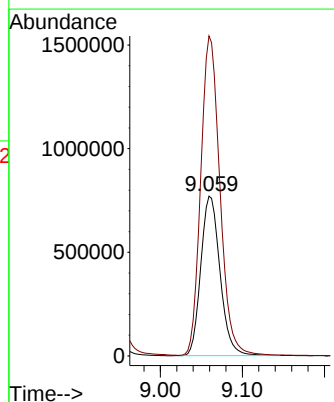
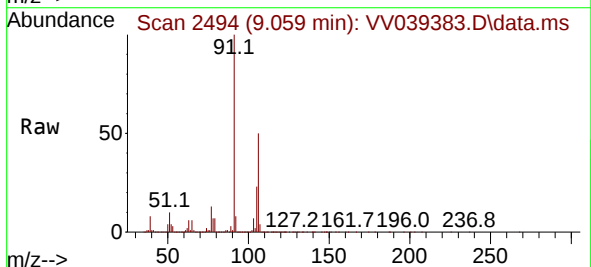
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

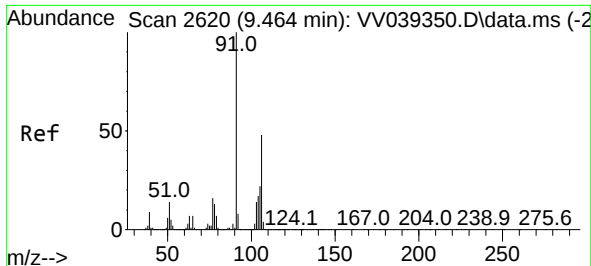
Tgt Ion: 91 Resp: 1580823
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3



#68
m/p-Xylenes
Concen: 102.894 ug/l
RT: 9.059 min Scan# 2494
Delta R.T. -0.000 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

Tgt Ion:106 Resp: 1251772
Ion Ratio Lower Upper
106 100
91 200.9 161.5 242.3

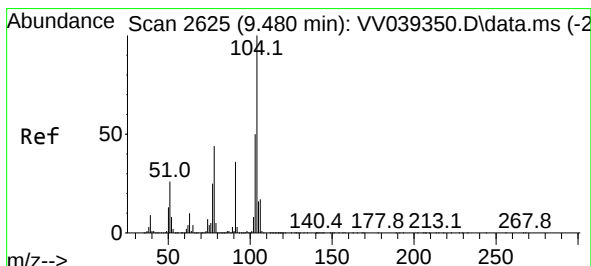
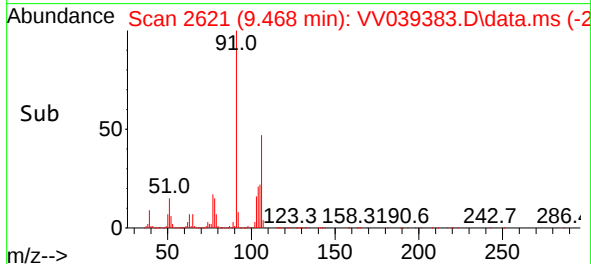
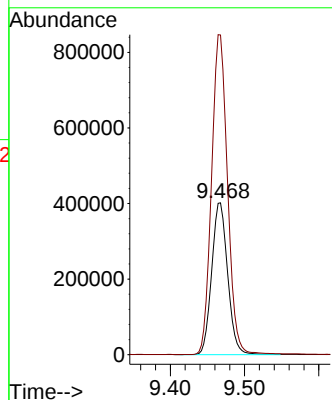
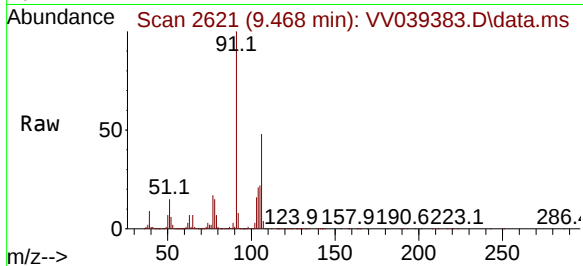




#69
o-Xylene
Concen: 51.931 ug/l
RT: 9.468 min Scan# 2620
Delta R.T. 0.003 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

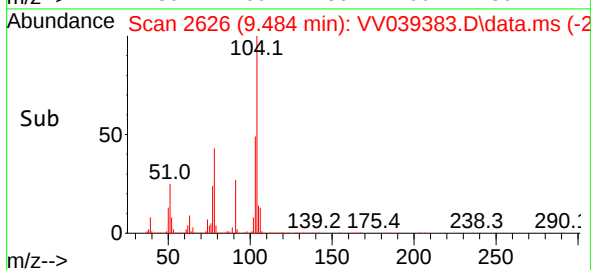
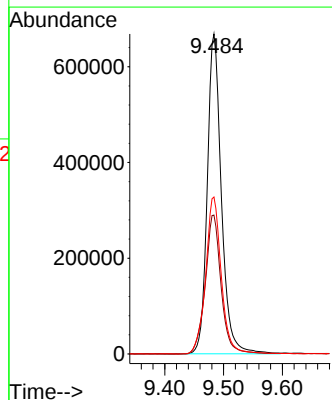
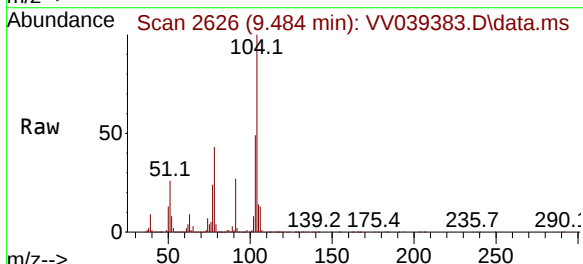
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

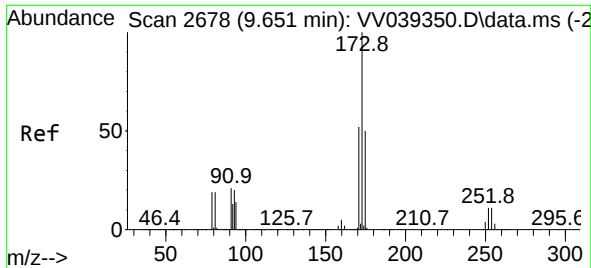
Tgt Ion:106 Resp: 597726
Ion Ratio Lower Upper
106 100
91 211.7 105.9 317.7



#70
Styrene
Concen: 54.313 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. 0.003 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

Tgt Ion:104 Resp: 1117566
Ion Ratio Lower Upper
104 100
78 48.6 39.0 58.4
103 54.4 43.4 65.2

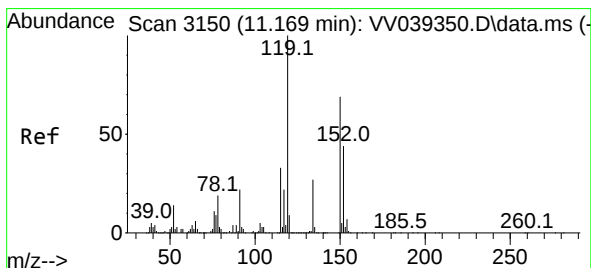
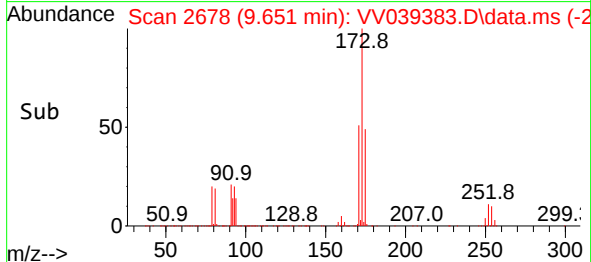
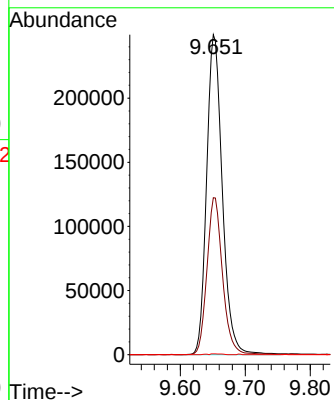
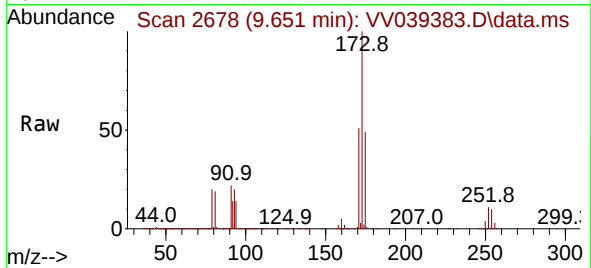




#71
Bromoform
Concen: 48.674 ug/l
RT: 9.651 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

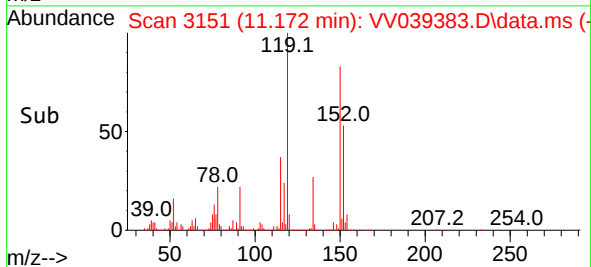
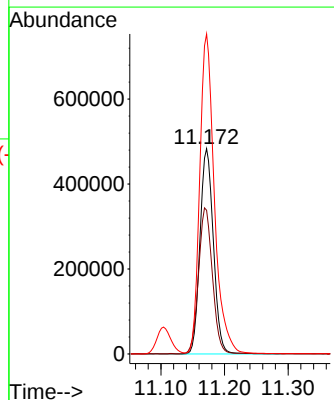
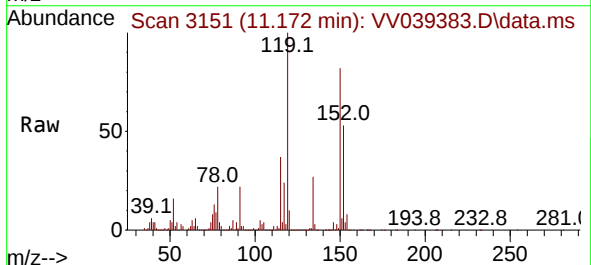
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

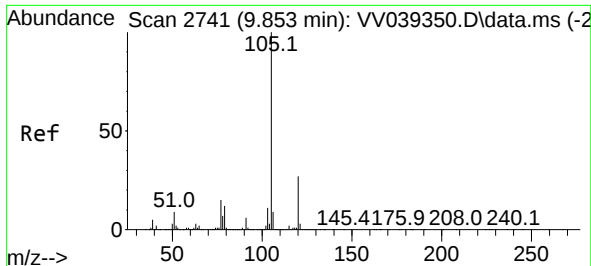
Tgt Ion:173 Resp: 419898
Ion Ratio Lower Upper
173 100
175 48.6 24.5 73.5
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

Tgt Ion:152 Resp: 707636
Ion Ratio Lower Upper
152 100
115 73.4 37.3 111.9
150 169.6 0.0 340.4

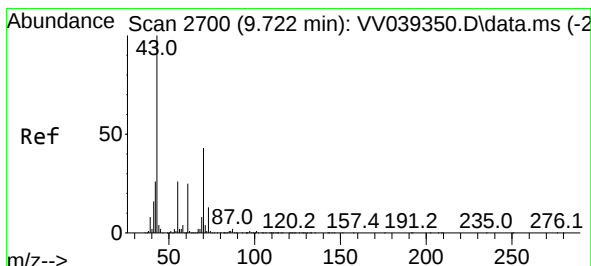
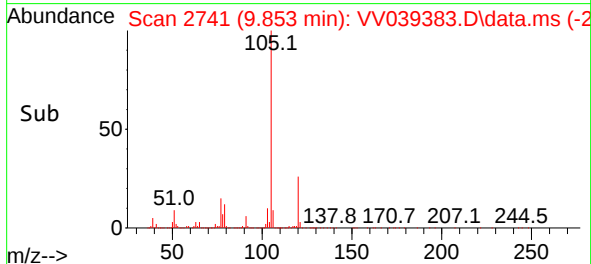
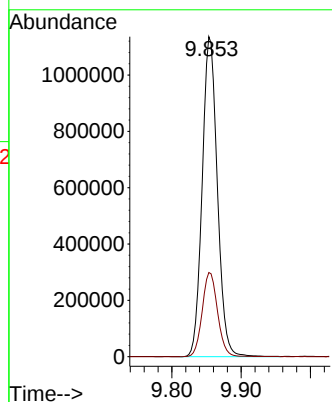
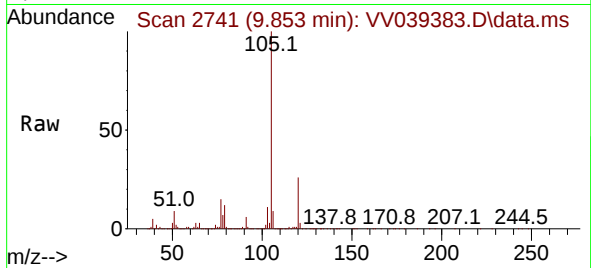




#73
Isopropylbenzene
Concen: 49.966 ug/l
RT: 9.853 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

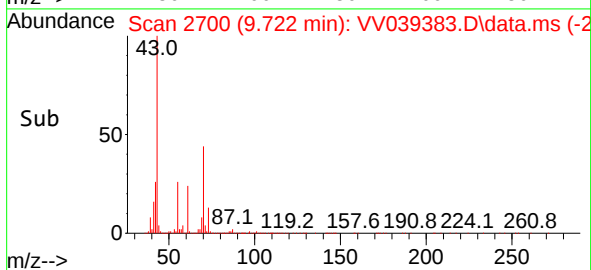
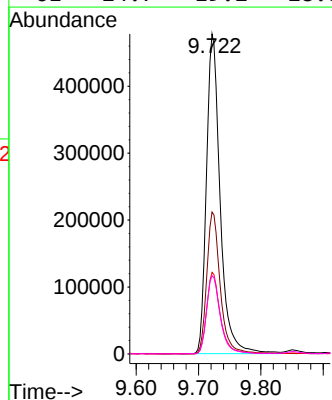
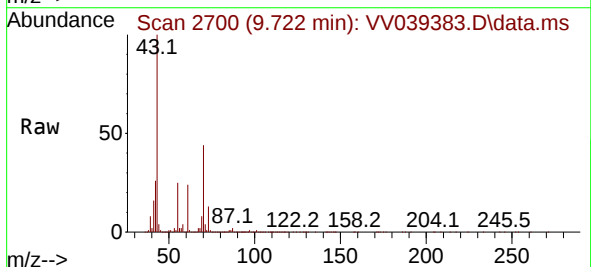
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

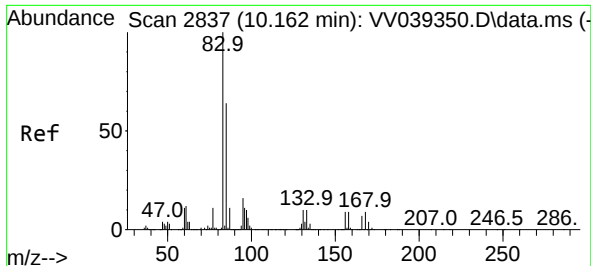
Tgt Ion:105 Resp: 1726532
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.1



#74
N-ethyl acetate
Concen: 54.033 ug/l
RT: 9.722 min Scan# 2700
Delta R.T. -0.000 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

Tgt Ion: 43 Resp: 731591
Ion Ratio Lower Upper
43 100
70 43.8 34.6 51.8
55 25.3 21.0 31.6
61 24.7 19.2 28.8

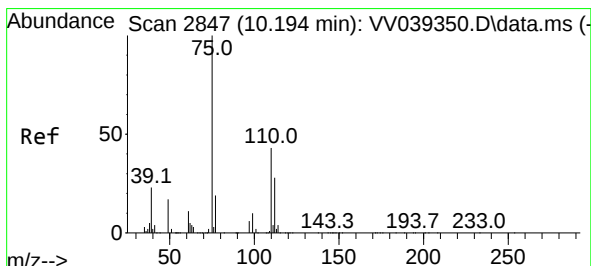
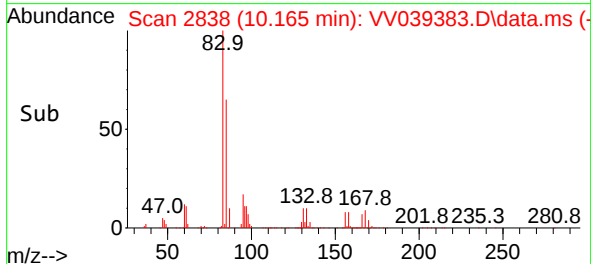
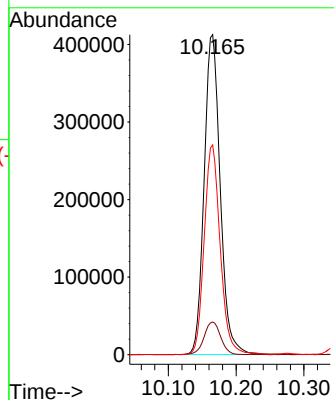
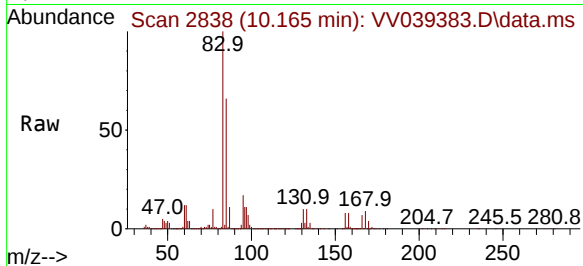




#75
1,1,2,2-Tetrachloroethane
Concen: 45.199 ug/l
RT: 10.165 min Scan# 2837
Delta R.T. 0.003 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

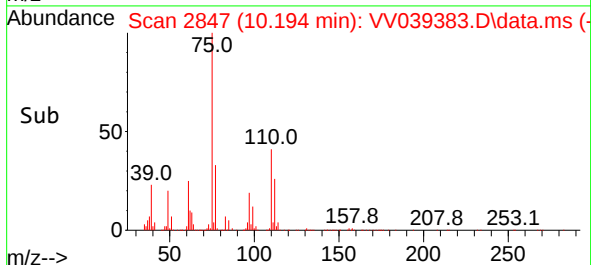
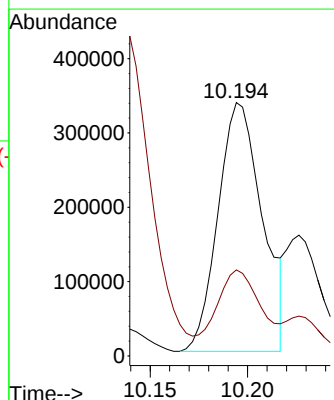
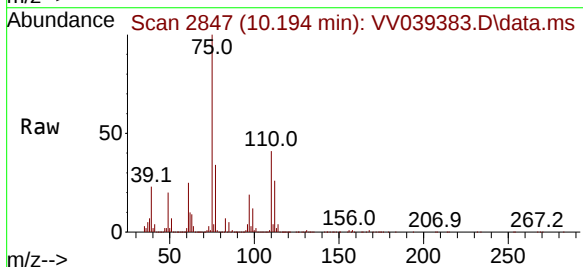
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

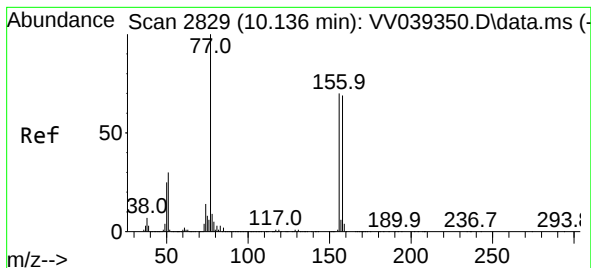
Tgt Ion: 83 Resp: 680227
Ion Ratio Lower Upper
83 100
131 10.5 5.4 16.2
85 65.4 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 48.207 ug/l
RT: 10.194 min Scan# 2847
Delta R.T. -0.000 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

Tgt Ion: 75 Resp: 529495
Ion Ratio Lower Upper
75 100
77 22.6 11.8 35.3





#77

Bromobenzene

Concen: 45.349 ug/l

RT: 10.140 min Scan# 2830

Delta R.T. 0.003 min

Lab File: VV039383.D

Acq: 13 Nov 2025 15:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

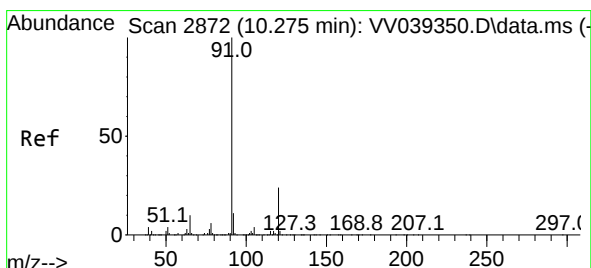
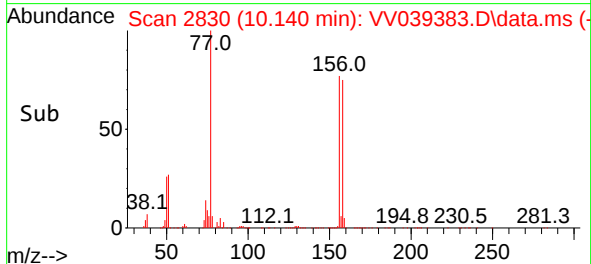
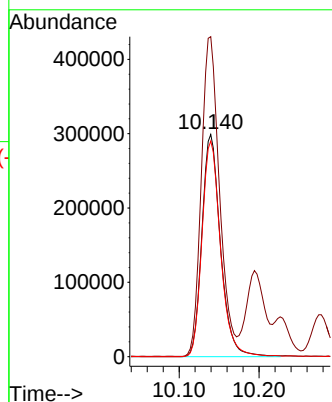
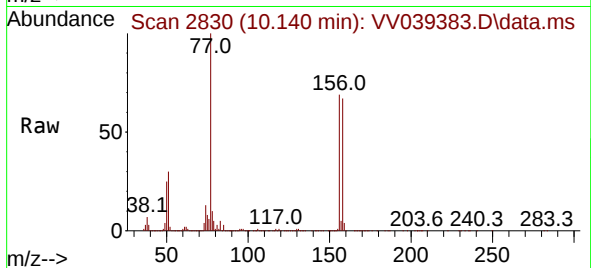
Tgt Ion:156 Resp: 483667

Ion Ratio Lower Upper

156 100

77 140.7 70.3 210.9

158 97.1 49.4 148.0



#78

n-propylbenzene

Concen: 51.006 ug/l

RT: 10.275 min Scan# 2872

Delta R.T. -0.000 min

Lab File: VV039383.D

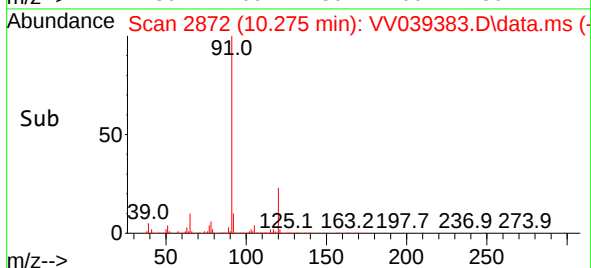
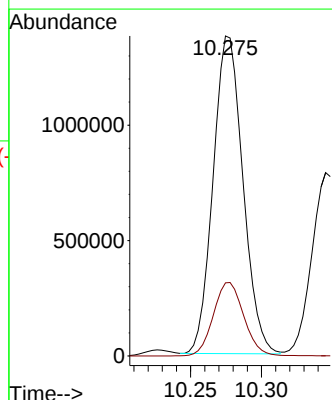
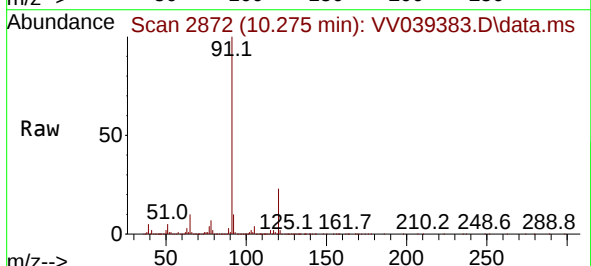
Acq: 13 Nov 2025 15:26

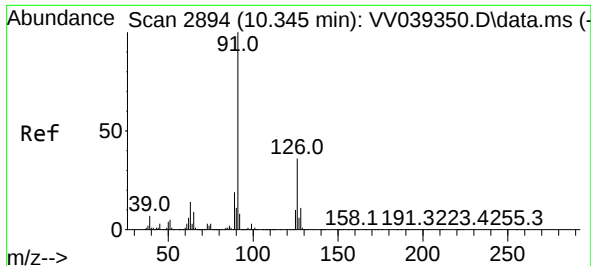
Tgt Ion: 91 Resp: 2019030

Ion Ratio Lower Upper

91 100

120 23.6 12.0 36.0

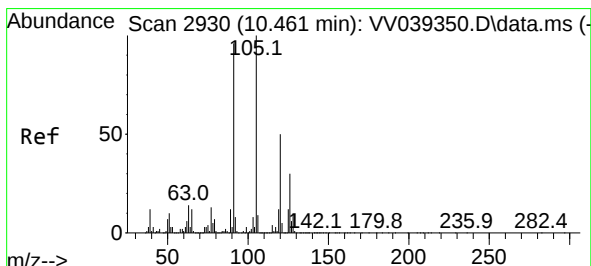
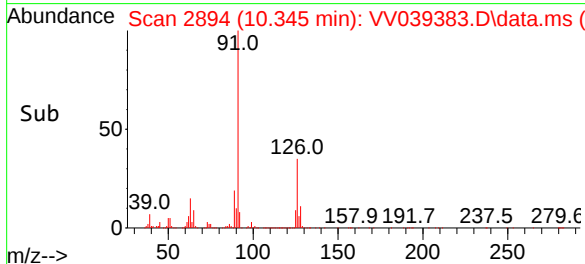
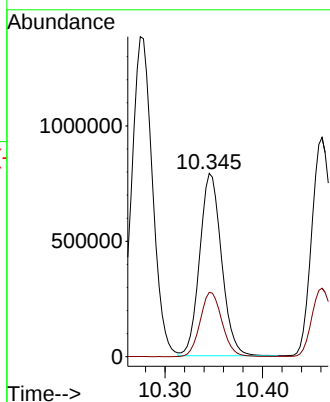
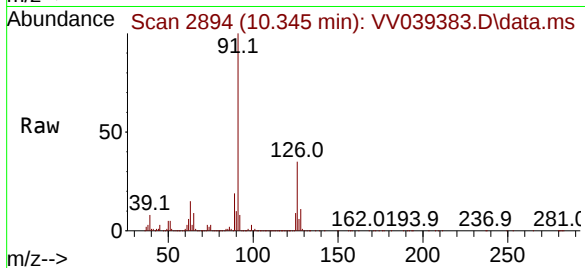




#79
2-Chlorotoluene
Concen: 48.573 ug/l
RT: 10.345 min Scan# 2894
Delta R.T. -0.000 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

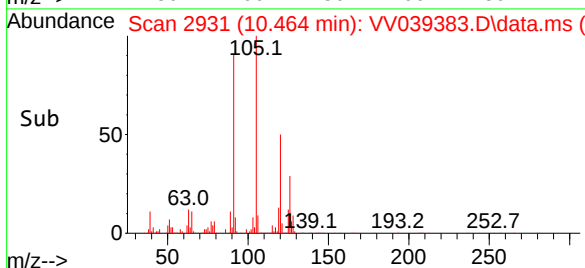
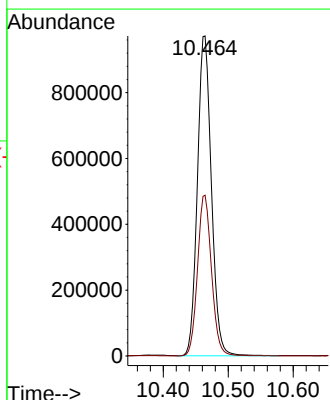
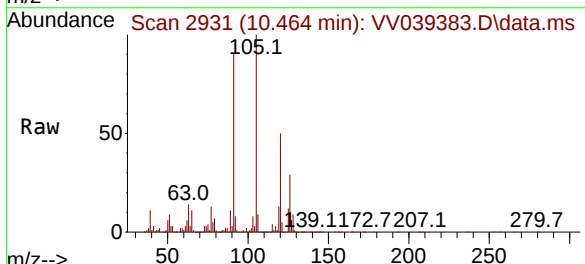
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

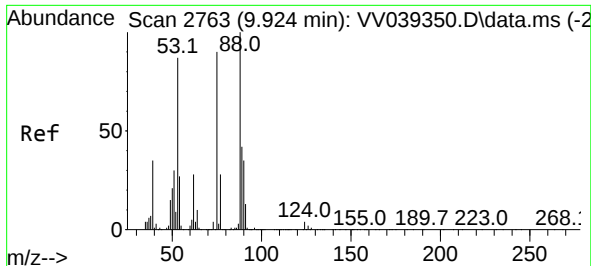
Tgt Ion: 91 Resp: 1230735
Ion Ratio Lower Upper
91 100
126 35.4 17.6 52.8



#80
1,3,5-Trimethylbenzene
Concen: 51.697 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.003 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

Tgt Ion: 105 Resp: 1460480
Ion Ratio Lower Upper
105 100
120 50.1 25.1 75.4

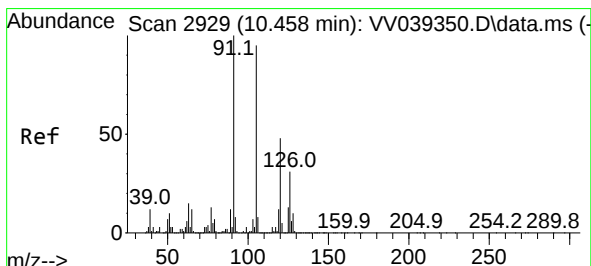
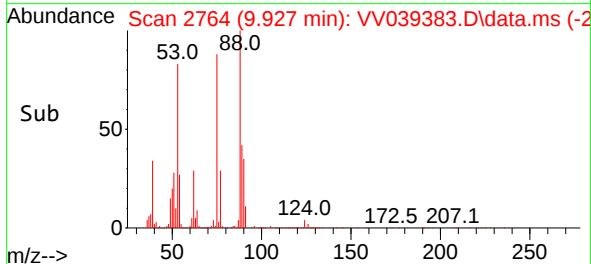
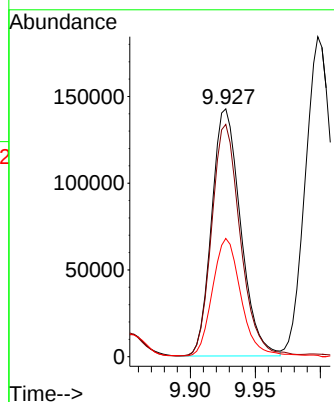
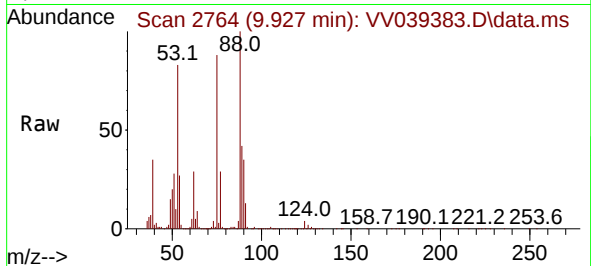




#81
trans-1,4-Dichloro-2-butene
Concen: 53.886 ug/l
RT: 9.927 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

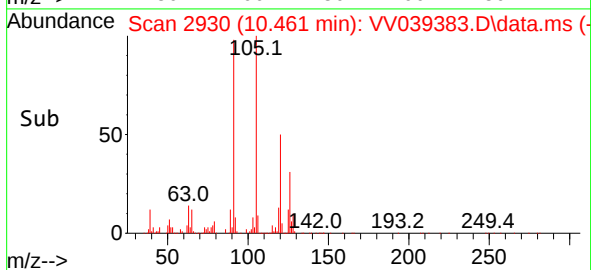
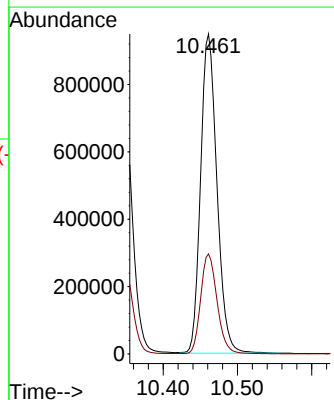
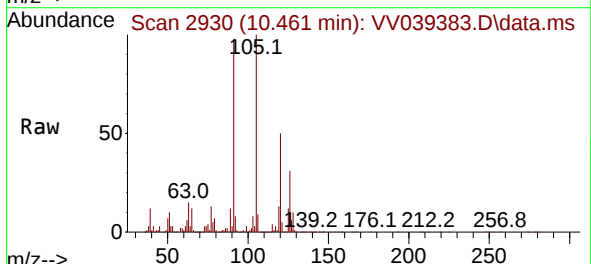
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

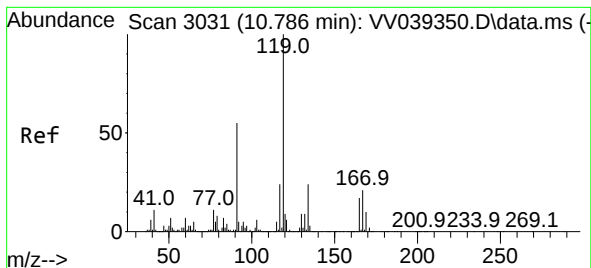
Tgt Ion: 75 Resp: 220794
Ion Ratio Lower Upper
75 100
53 92.4 79.0 118.6
89 47.8 40.4 60.6



#82
4-Chlorotoluene
Concen: 51.079 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. 0.003 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

Tgt Ion: 91 Resp: 1446968
Ion Ratio Lower Upper
91 100
126 31.4 15.3 45.9





#83

tert-Butylbenzene

Concen: 49.827 ug/l

RT: 10.789 min Scan# 3031

Delta R.T. 0.003 min

Lab File: VV039383.D

Acq: 13 Nov 2025 15:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

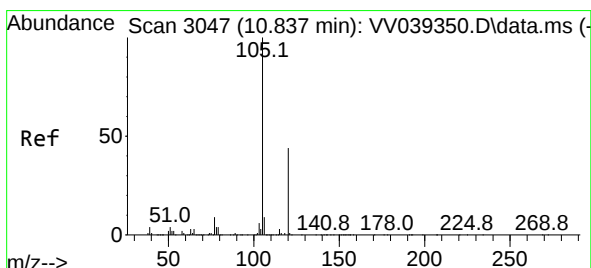
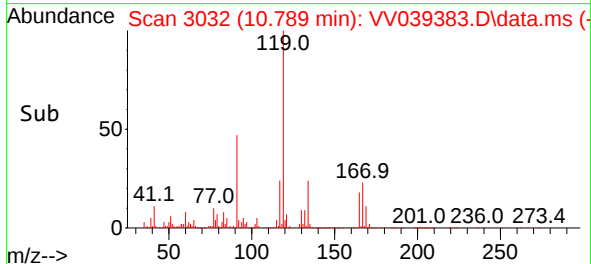
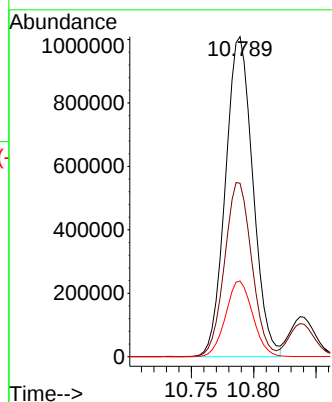
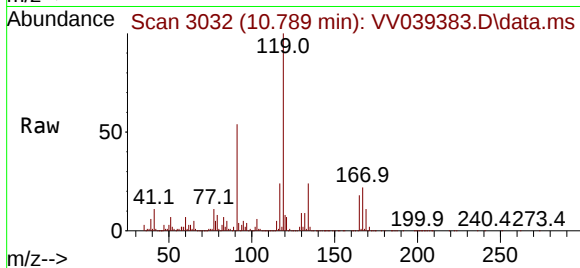
Tgt Ion:119 Resp: 1547306

Ion Ratio Lower Upper

119 100

91 53.8 26.5 79.5

134 23.4 11.9 35.5



#84

1,2,4-Trimethylbenzene

Concen: 53.113 ug/l

RT: 10.837 min Scan# 3047

Delta R.T. -0.000 min

Lab File: VV039383.D

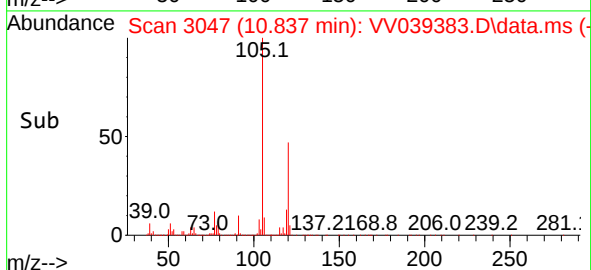
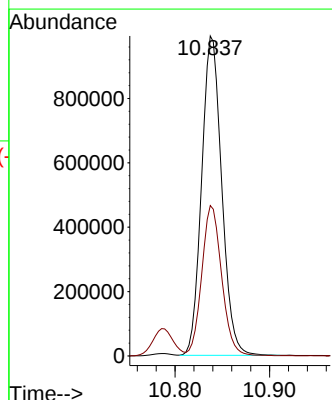
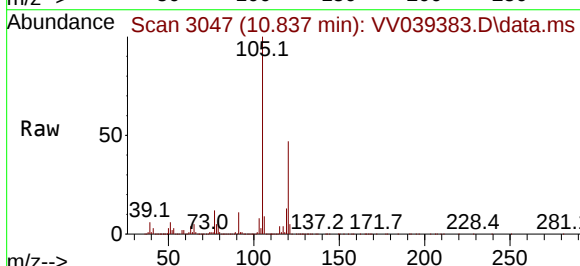
Acq: 13 Nov 2025 15:26

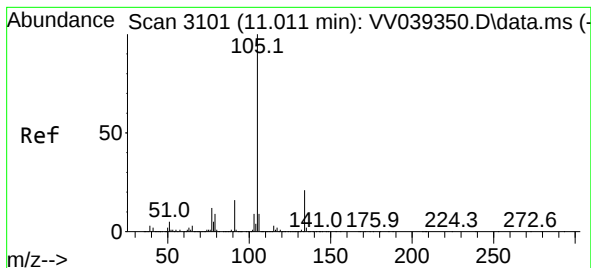
Tgt Ion:105 Resp: 1461614

Ion Ratio Lower Upper

105 100

120 46.7 23.0 69.0





#85

sec-Butylbenzene

Concen: 51.541 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. -0.000 min

Lab File: VV039383.D

Acq: 13 Nov 2025 15:26

Instrument :

MSVOA_V

ClientSampleId :

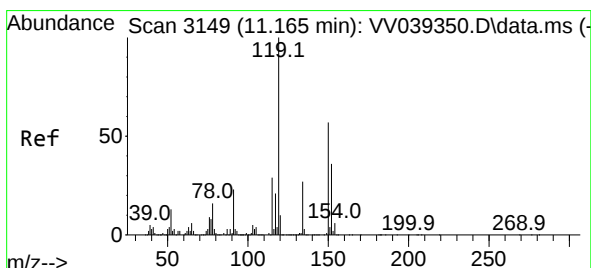
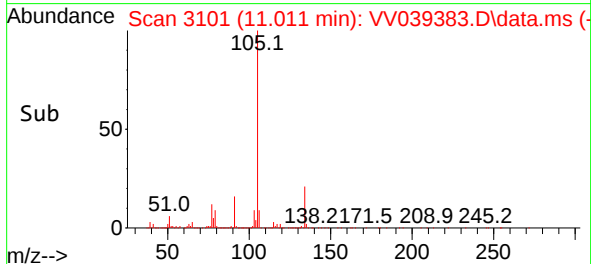
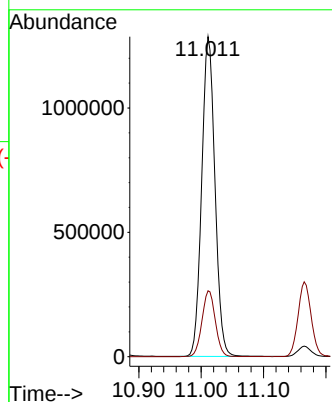
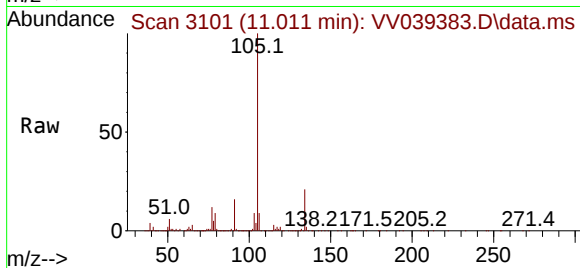
VSTDCCC050EC

Tgt Ion:105 Resp: 1897852

Ion Ratio Lower Upper

105 100

134 20.7 10.5 31.6



#86

p-Isopropyltoluene

Concen: 52.084 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. -0.000 min

Lab File: VV039383.D

Acq: 13 Nov 2025 15:26

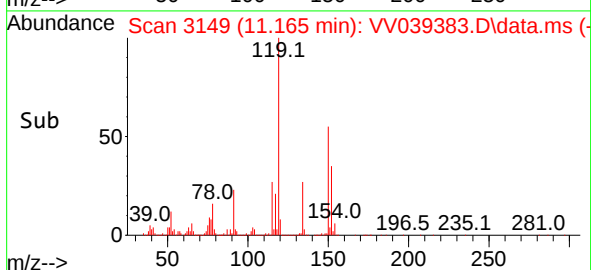
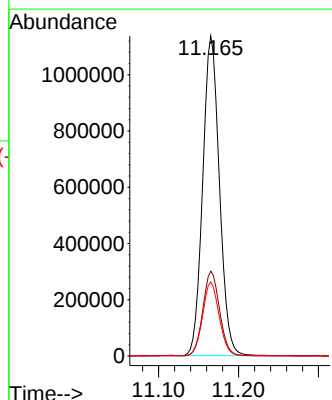
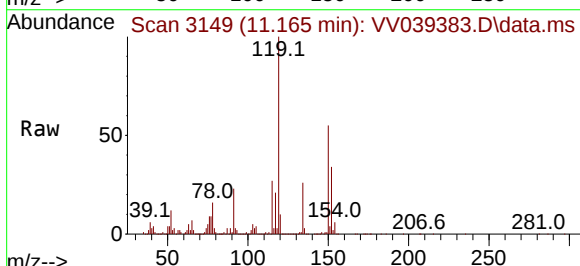
Tgt Ion:119 Resp: 1654880

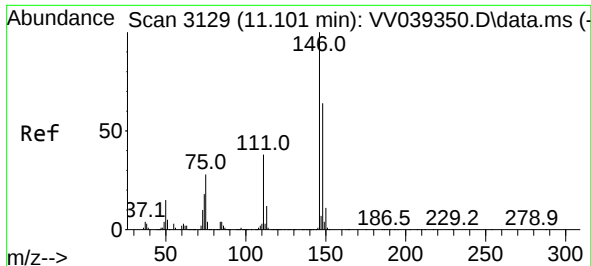
Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.2

91 22.8 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 46.663 ug/l

RT: 11.104 min Scan# 3129

Delta R.T. 0.003 min

Lab File: VV039383.D

Acq: 13 Nov 2025 15:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

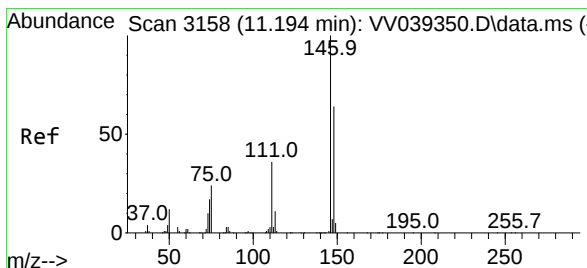
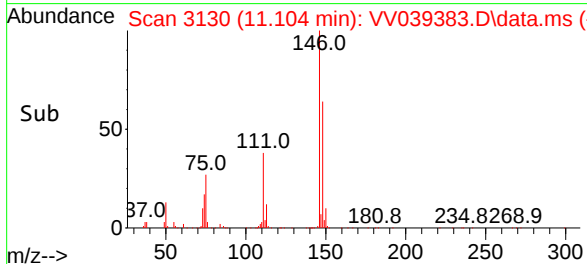
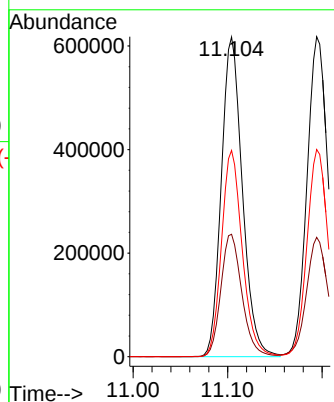
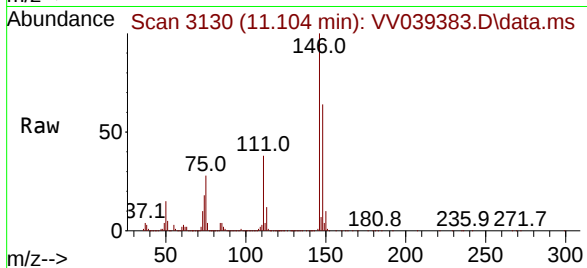
Tgt Ion:146 Resp: 954550

Ion Ratio Lower Upper

146 100

111 38.2 18.8 56.4

148 63.6 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 44.260 ug/l

RT: 11.194 min Scan# 3158

Delta R.T. -0.000 min

Lab File: VV039383.D

Acq: 13 Nov 2025 15:26

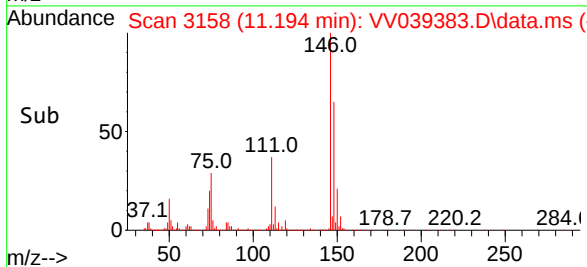
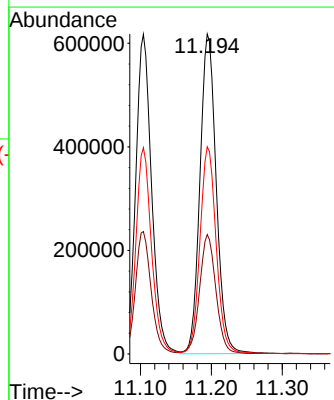
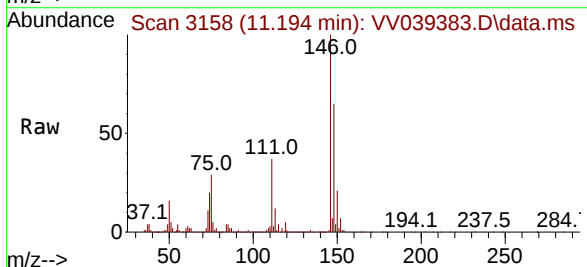
Tgt Ion:146 Resp: 987168

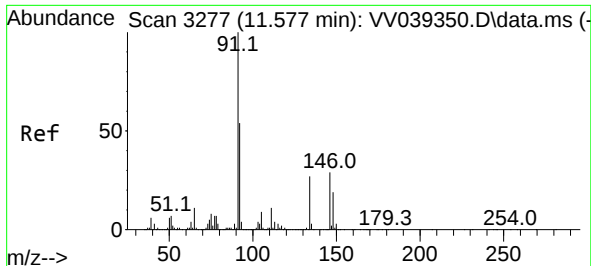
Ion Ratio Lower Upper

146 100

111 37.4 18.6 55.8

148 64.4 32.0 96.2





#89

n-Butylbenzene

Concen: 53.369 ug/l

RT: 11.577 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV039383.D

Acq: 13 Nov 2025 15:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

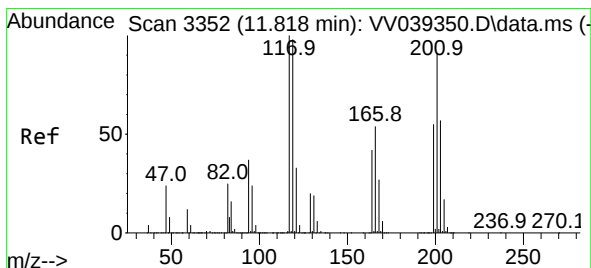
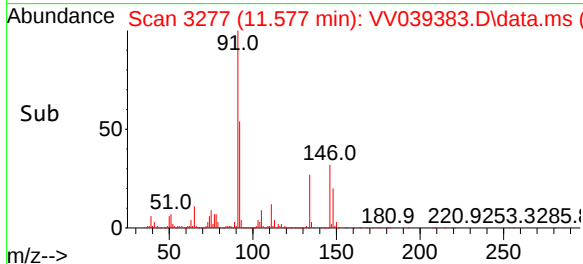
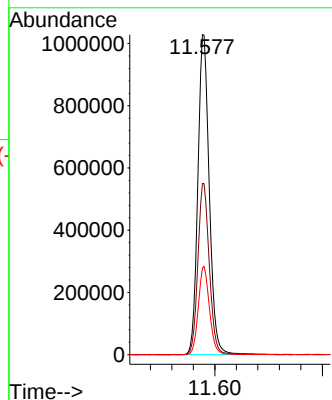
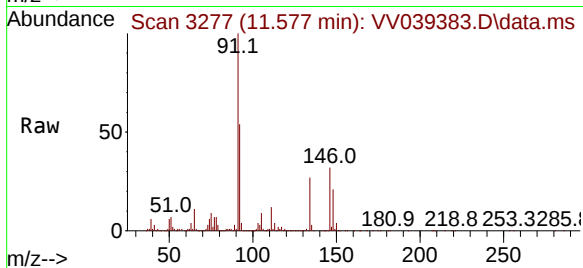
Tgt Ion: 91 Resp: 1512124

Ion Ratio Lower Upper

91 100

92 53.5 26.9 80.7

134 26.9 13.5 40.5



#90

Hexachloroethane

Concen: 44.146 ug/l

RT: 11.818 min Scan# 3352

Delta R.T. -0.000 min

Lab File: VV039383.D

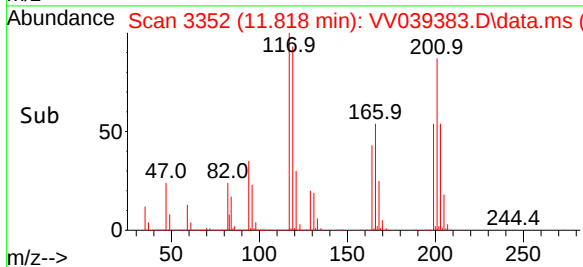
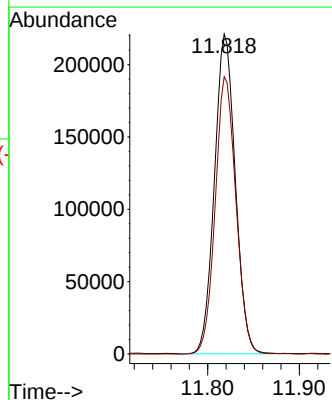
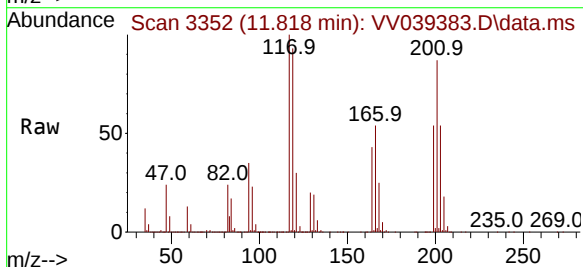
Acq: 13 Nov 2025 15:26

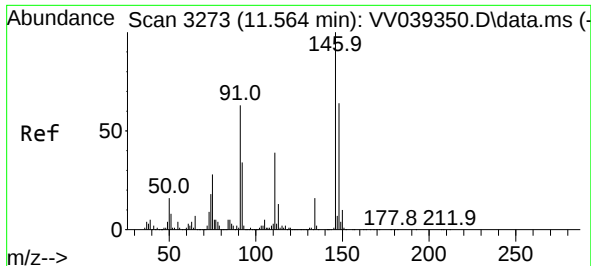
Tgt Ion: 117 Resp: 349580

Ion Ratio Lower Upper

117 100

201 86.3 45.3 135.8

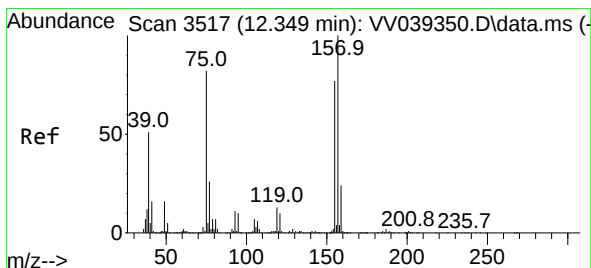
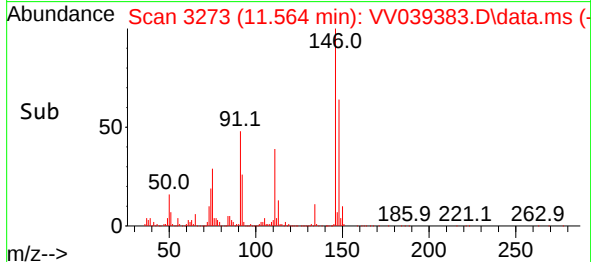
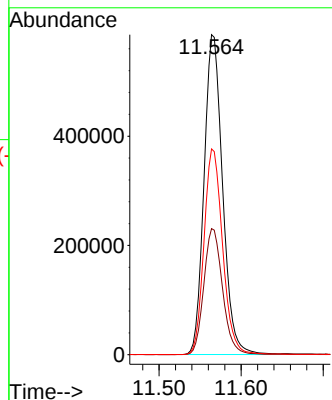
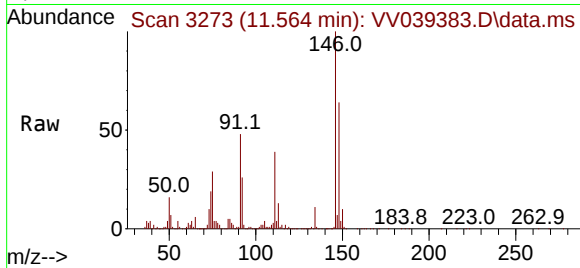




#91
1,2-Dichlorobenzene
Concen: 46.019 ug/l
RT: 11.564 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

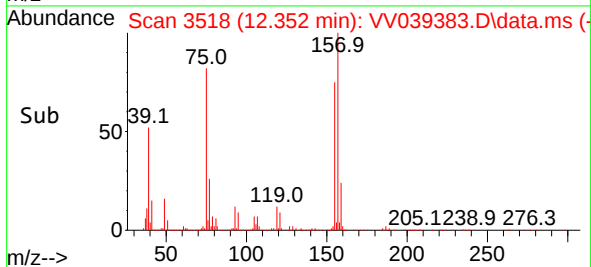
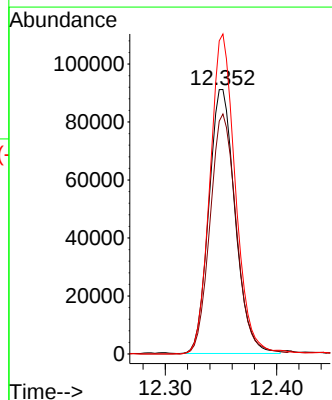
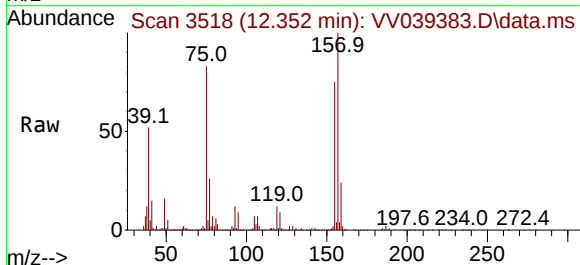
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

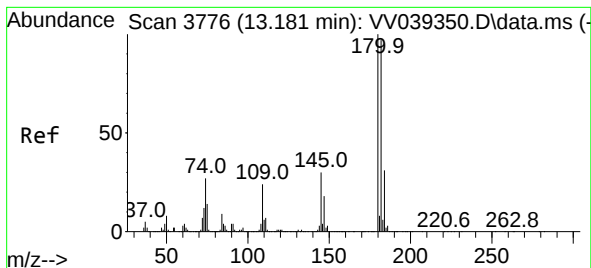
Tgt Ion:146 Resp: 921273
Ion Ratio Lower Upper
146 100
111 39.7 19.5 58.5
148 64.6 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.270 ug/l
RT: 12.352 min Scan# 3518
Delta R.T. 0.003 min
Lab File: VV039383.D
Acq: 13 Nov 2025 15:26

Tgt Ion: 75 Resp: 149345
Ion Ratio Lower Upper
75 100
155 91.0 47.0 141.2
157 117.6 61.3 183.9





#93

1,2,4-Trichlorobenzene

Concen: 52.637 ug/l

RT: 13.184 min Scan# 3776

Delta R.T. 0.003 min

Lab File: VV039383.D

Acq: 13 Nov 2025 15:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

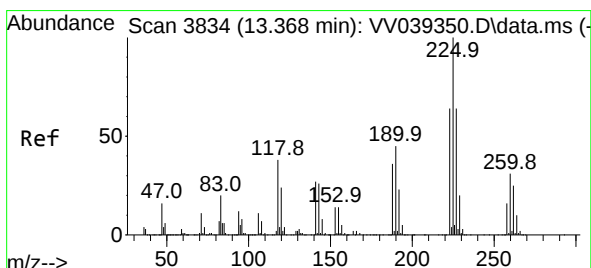
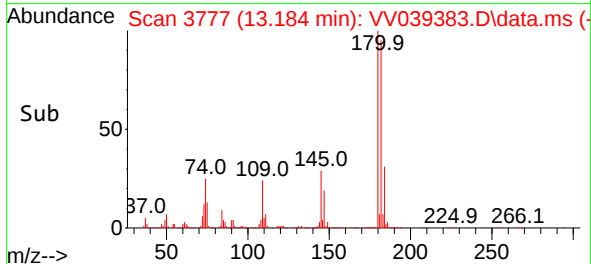
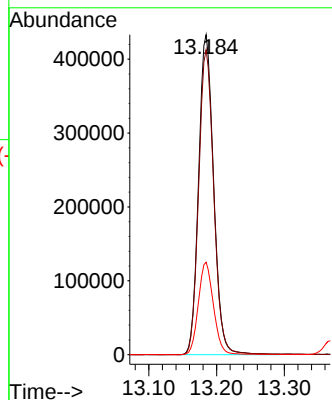
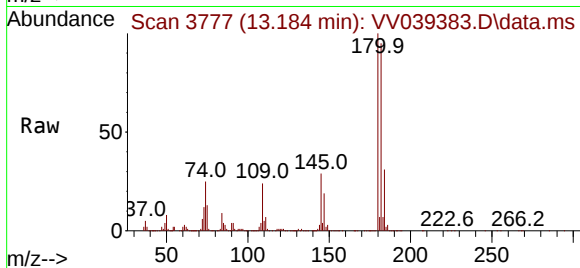
Tgt Ion:180 Resp: 668563

Ion Ratio Lower Upper

180 100

182 95.2 48.5 145.5

145 29.0 14.6 43.8



#94

Hexachlorobutadiene

Concen: 49.226 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV039383.D

Acq: 13 Nov 2025 15:26

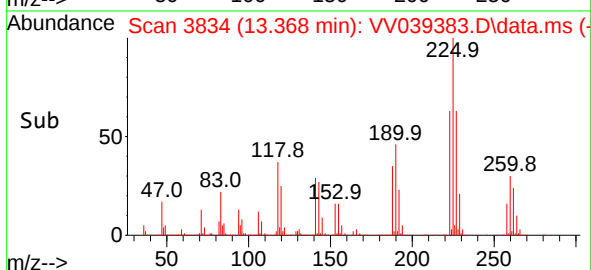
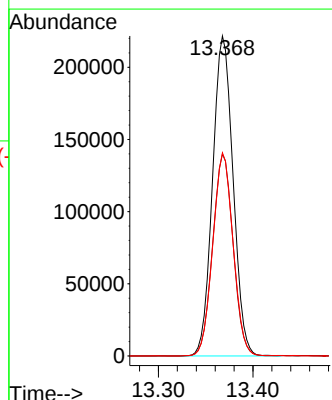
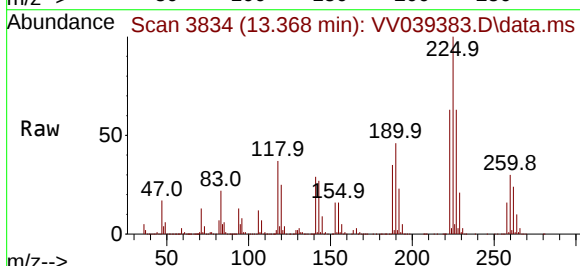
Tgt Ion:225 Resp: 333496

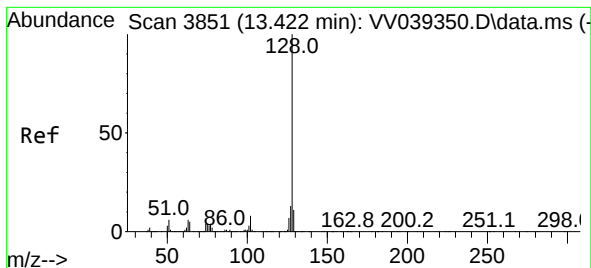
Ion Ratio Lower Upper

225 100

223 63.0 31.1 93.5

227 62.9 31.7 95.1





#95

Naphthalene

Concen: 58.311 ug/l

RT: 13.422 min Scan# 3851

Delta R.T. -0.000 min

Lab File: VV039383.D

Acq: 13 Nov 2025 15:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

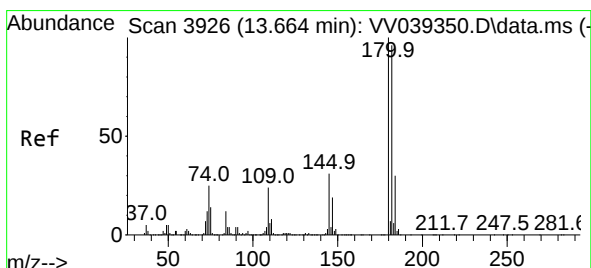
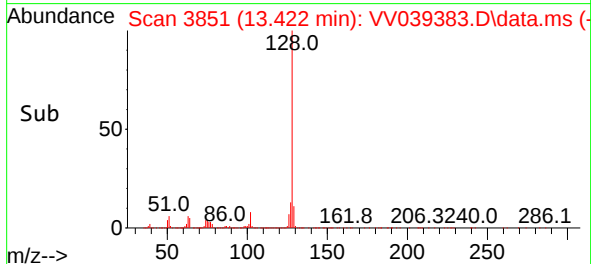
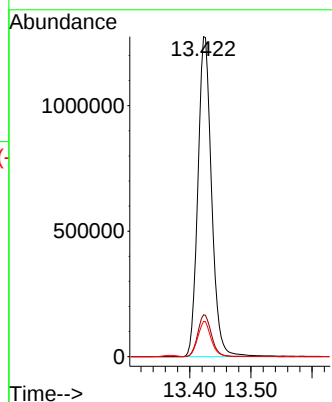
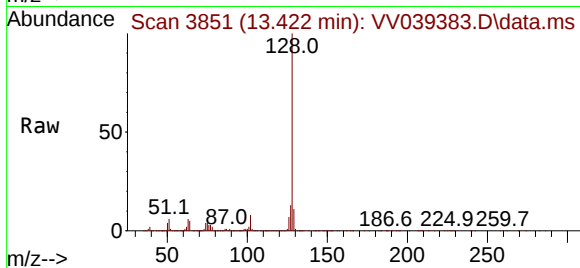
Tgt Ion:128 Resp: 1984893

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 10.7 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 52.185 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. 0.003 min

Lab File: VV039383.D

Acq: 13 Nov 2025 15:26

Tgt Ion:180 Resp: 683805

Ion Ratio Lower Upper

180 100

182 95.3 47.9 143.6

145 30.1 15.3 45.9

