

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
 Data File : VV039168.D
 Acq On : 25 Sep 2025 09:59
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 26 01:18:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 08:08:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	605297	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	933338	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	901987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	535710	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.937	65	368829	42.102	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	84.200%
35) Dibromofluoromethane	4.497	113	358851	47.826	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	95.660%
50) Toluene-d8	7.233	98	1046447	47.485	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	94.980%
62) 4-Bromofluorobenzene	9.998	95	473731	52.218	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	104.440%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.121	85	412859	43.088	ug/l	96
3) Chloromethane	1.227	50	441526	42.924	ug/l	99
4) Vinyl Chloride	1.294	62	495985	45.040	ug/l	99
5) Bromomethane	1.494	94	277073	39.912	ug/l	99
6) Chloroethane	1.558	64	307095	47.163	ug/l	96
7) Trichlorofluoromethane	1.722	101	725756	45.520	ug/l	99
8) Diethyl Ether	1.915	74	273800	46.259	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.079	101	429502	45.275	ug/l	98
10) Methyl Iodide	2.195	142	394240	43.640	ug/l	99
11) Tert butyl alcohol	2.571	59	462139	249.596	ug/l	98
12) 1,1-Dichloroethene	2.079	96	422387	46.283	ug/l	93
13) Acrolein	2.008	56	73826	229.786	ug/l	96
14) Allyl chloride	2.355	41	725818	44.523	ug/l	97
15) Acrylonitrile	2.670	53	1328524	223.829	ug/l	99
16) Acetone	2.117	43	1227421	224.844	ug/l	98
17) Carbon Disulfide	2.249	76	1213128	43.464	ug/l	99
18) Methyl Acetate	2.378	43	602375	46.408	ug/l	97
19) Methyl tert-butyl Ether	2.709	73	1360066	46.768	ug/l	99
20) Methylene Chloride	2.455	84	477153	50.438	ug/l	94
21) trans-1,2-Dichloroethene	2.699	96	438480	45.131	ug/l	98
22) Diisopropyl ether	3.214	45	1401924	44.947	ug/l	97
23) Vinyl Acetate	3.185	43	6223966	228.109	ug/l	98
24) 1,1-Dichloroethane	3.114	63	827604	43.389	ug/l	100
25) 2-Butanone	3.863	43	1647490	234.849	ug/l	96
26) 2,2-Dichloropropane	3.805	77	690029	40.800	ug/l	100
27) cis-1,2-Dichloroethene	3.815	96	499109	46.579	ug/l	98
28) Bromochloromethane	4.143	49	370658	44.019	ug/l	91
29) Tetrahydrofuran	4.233	42	1075144	244.856	ug/l	97
30) Chloroform	4.275	83	862902	43.324	ug/l	98
31) Cyclohexane	4.580	56	694256	44.432	ug/l	97
32) 1,1,1-Trichloroethane	4.510	97	759916	44.071	ug/l	98
36) 1,1-Dichloropropene	4.741	75	562517	49.586	ug/l	99
37) Ethyl Acetate	3.973	43	650966	47.290	ug/l	98
38) Carbon Tetrachloride	4.731	117	642615	46.350	ug/l	99
39) Methylcyclohexane	6.043	83	743575	54.277	ug/l	99
40) Benzene	5.005	78	1797939	48.671	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.156	41	291884	47.017	ug/l	98
42) 1,2-Dichloroethane	5.037	62	596048	46.050	ug/l	98
43) Isopropyl Acetate	5.191	43	954350	50.848	ug/l	98
44) Trichloroethene	5.828	130	432014	50.680	ug/l	99
45) 1,2-Dichloropropane	6.085	63	459902	50.088	ug/l	99
46) Dibromomethane	6.220	93	337738	48.059	ug/l	97
47) Bromodichloromethane	6.423	83	680557	46.843	ug/l	98
48) Methyl methacrylate	6.294	41	449431	52.825	ug/l	98
49) 1,4-Dioxane	6.291	88	155938	1135.751	ug/l	97
51) 4-Methyl-2-Pentanone	7.146	43	3274291	265.177	ug/l	98
52) Toluene	7.307	92	1123906	52.474	ug/l	99
53) t-1,3-Dichloropropene	7.571	75	661472	52.243	ug/l	99
54) cis-1,3-Dichloropropene	6.944	75	731190	52.312	ug/l	97
55) 1,1,2-Trichloroethane	7.757	97	465236	48.443	ug/l	98
56) Ethyl methacrylate	7.712	69	658147	57.707	ug/l	95
57) 1,3-Dichloropropane	7.931	76	748312	49.373	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.808	63	1657102	257.039	ug/l	99
59) 2-Hexanone	8.062	43	2465950	247.438	ug/l	97
60) Dibromochloromethane	8.165	129	535532	48.938	ug/l	99
61) 1,2-Dibromoethane	8.271	107	498142	50.719	ug/l	100
64) Tetrachloroethene	7.895	164	376666	49.857	ug/l	97
65) Chlorobenzene	8.802	112	1242390	49.450	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.895	131	435516	47.975	ug/l	98
67) Ethyl Benzene	8.934	91	2092639	55.024	ug/l	99
68) m/p-Xylenes	9.059	106	1688294	115.018	ug/l	100
69) o-Xylene	9.468	106	758328	58.347	ug/l	98
70) Styrene	9.484	104	1379790	50.114	ug/l	99
71) Bromoform	9.651	173	362481	51.118	ug/l #	99
73) Isopropylbenzene	9.853	105	2113988	54.407	ug/l	99
74) N-amyl acetate	9.725	43	853417	55.064	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.165	83	747856	43.928	ug/l	99
76) 1,2,3-Trichloropropane	10.197	75	573502	47.019	ug/l	98
77) Bromobenzene	10.140	156	497564	49.357	ug/l	98
78) n-propylbenzene	10.278	91	2554851	53.995	ug/l	99
79) 2-Chlorotoluene	10.345	91	1498849	52.939	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	1809221	56.020	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.927	75	258743	50.926	ug/l	97
82) 4-Chlorotoluene	10.461	91	1769699	53.904	ug/l	100
83) tert-Butylbenzene	10.789	119	1725454	53.579	ug/l	100
84) 1,2,4-Trimethylbenzene	10.837	105	1777572	56.693	ug/l	98
85) sec-Butylbenzene	11.011	105	2294341	53.713	ug/l	99
86) p-Isopropyltoluene	11.165	119	1933306	54.380	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	995077	48.773	ug/l	100
88) 1,4-Dichlorobenzene	11.194	146	1019216	45.535	ug/l	99
89) n-Butylbenzene	11.580	91	1854102	54.607	ug/l	100
90) Hexachloroethane	11.821	117	387482	44.260	ug/l	99
91) 1,2-Dichlorobenzene	11.567	146	930166	48.799	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.348	75	156226	50.961	ug/l	97
93) 1,2,4-Trichlorobenzene	13.184	180	568781	52.055	ug/l	99
94) Hexachlorobutadiene	13.368	225	261028	45.975	ug/l	99
95) Naphthalene	13.422	128	2039508	57.749	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	579422	51.848	ug/l	97

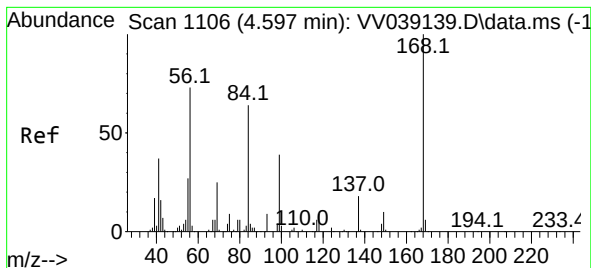
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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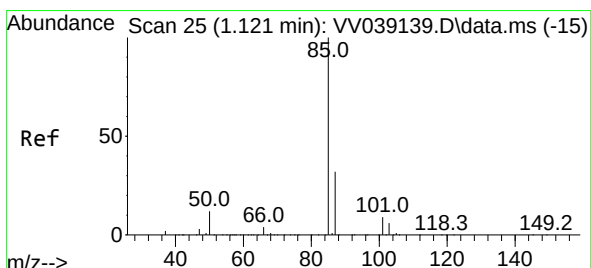
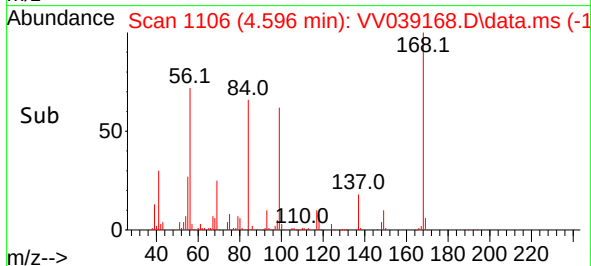
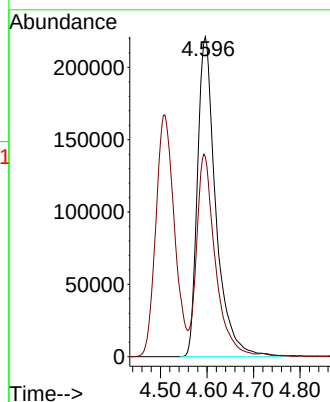
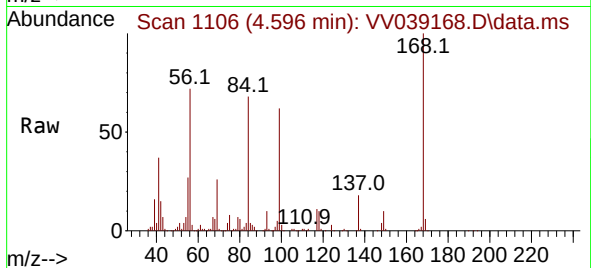
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.596 min Scan# 11
Delta R.T. -0.001 min
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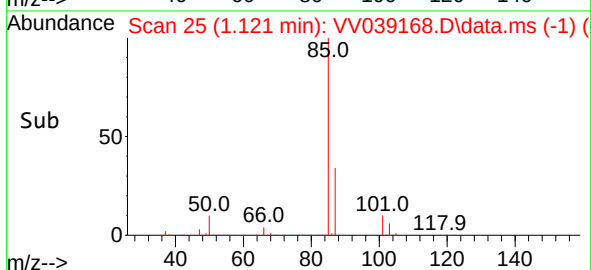
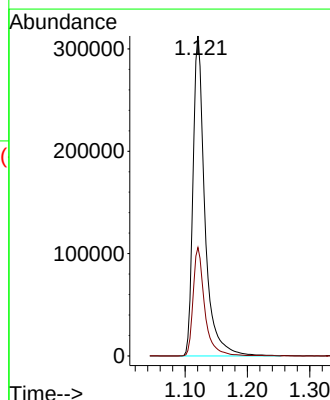
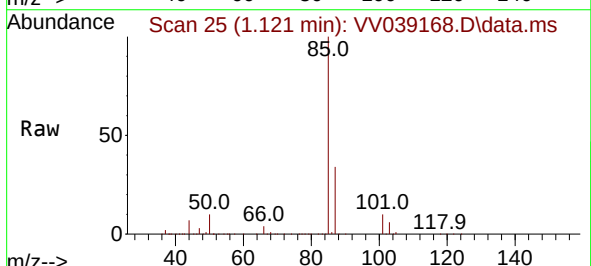
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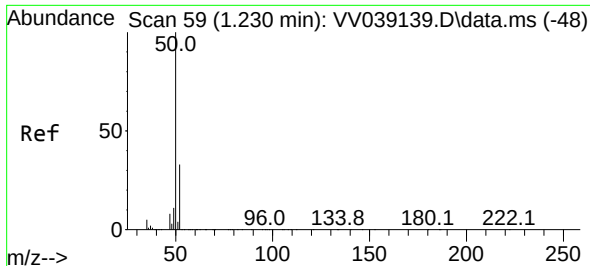
Tgt Ion:168 Resp: 605297
Ion Ratio Lower Upper
168 100
99 62.1 49.6 74.4



#2
Dichlorodifluoromethane
Concen: 43.088 ug/l
RT: 1.121 min Scan# 25
Delta R.T. -0.000 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

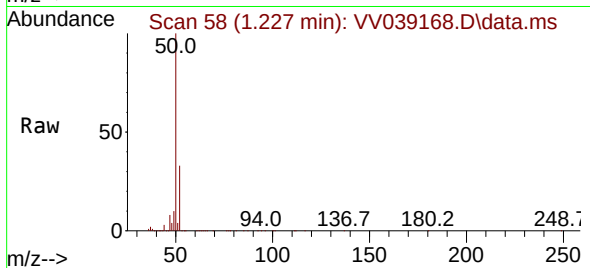
Tgt Ion: 85 Resp: 412859
Ion Ratio Lower Upper
85 100
87 33.9 16.0 47.9



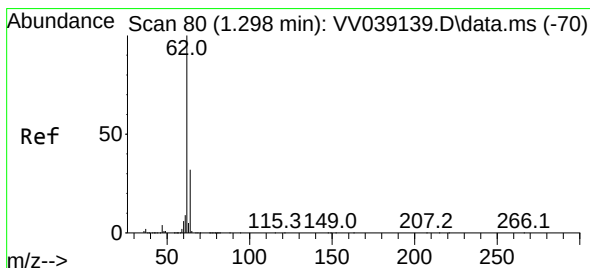
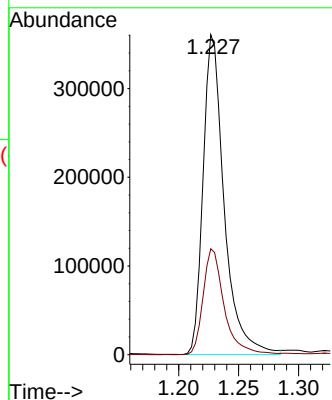
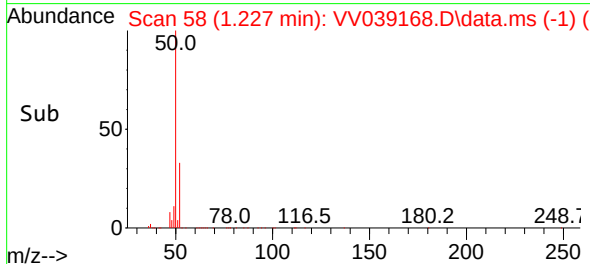


#3
Chloromethane
Concen: 42.924 ug/l
RT: 1.227 min Scan# 50
Delta R.T. -0.003 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

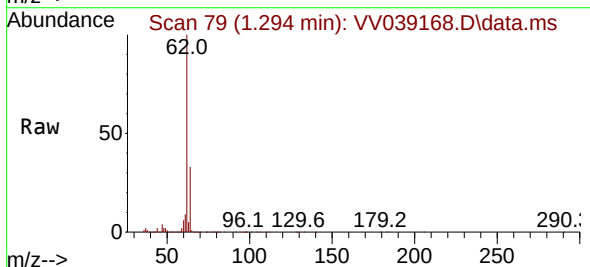
Instrument :
MSVOA_V
ClientSampleId :



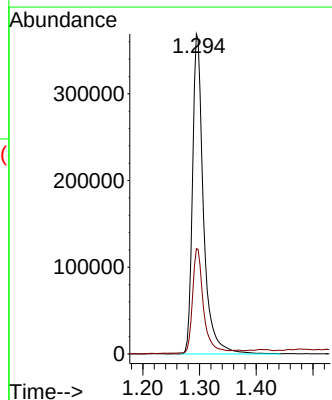
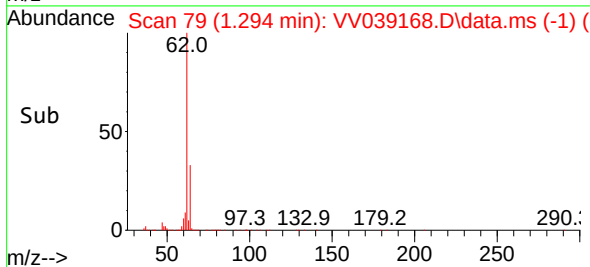
Tgt Ion: 50 Resp: 441526
Ion Ratio Lower Upper
50 100
52 33.1 26.0 39.0

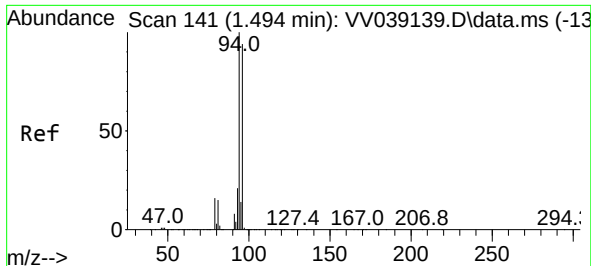


#4
Vinyl Chloride
Concen: 45.040 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59



Tgt Ion: 62 Resp: 495985
Ion Ratio Lower Upper
62 100
64 32.6 25.6 38.4

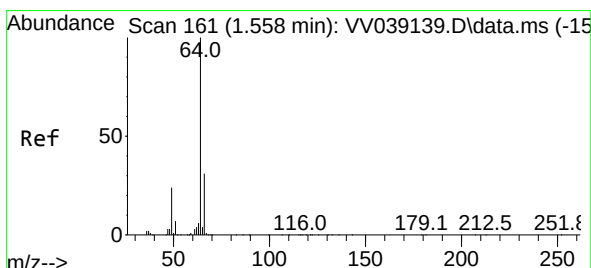
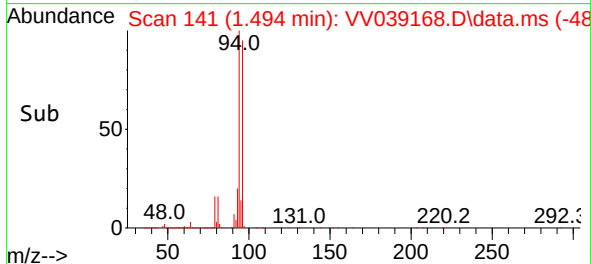
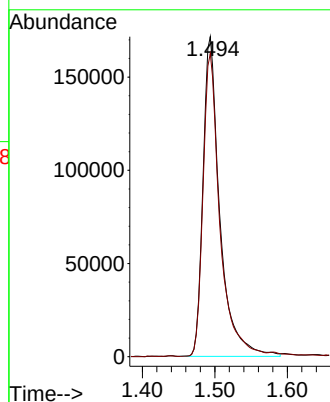
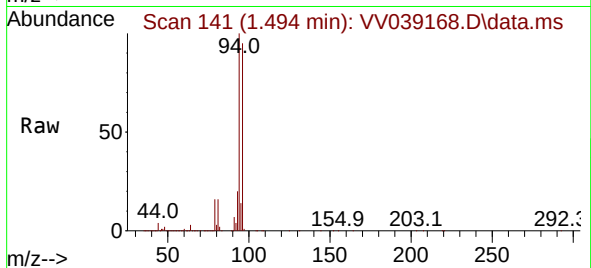




#5
Bromomethane
Concen: 39.912 ug/l
RT: 1.494 min Scan# 141
Delta R.T. -0.000 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

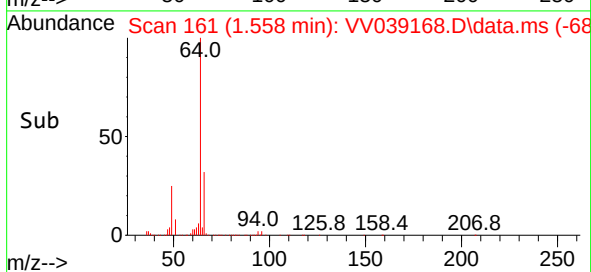
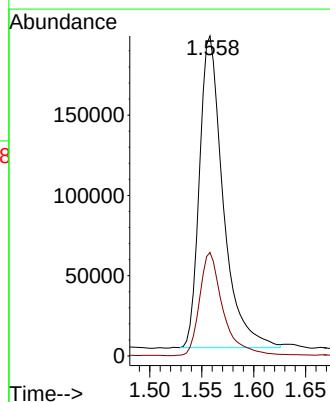
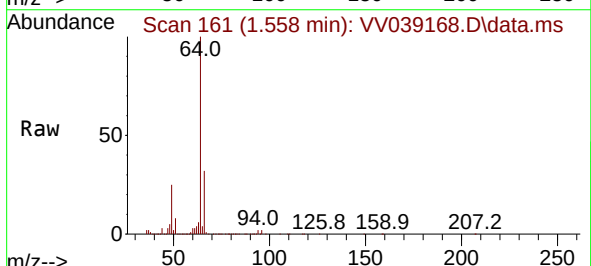
Instrument :
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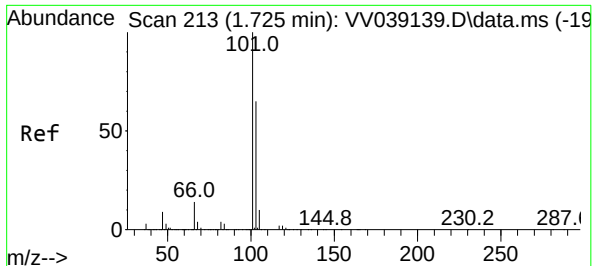
Tgt Ion: 94 Resp: 277073
Ion Ratio Lower Upper
94 100
96 94.7 74.9 112.3



#6
Chloroethane
Concen: 47.163 ug/l
RT: 1.558 min Scan# 161
Delta R.T. -0.000 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

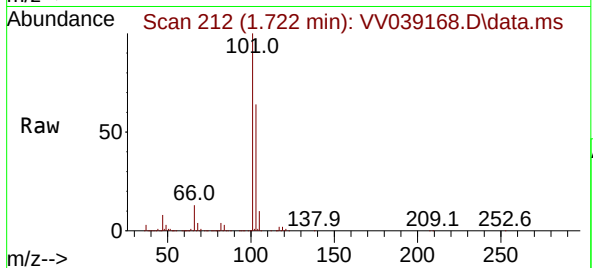
Tgt Ion: 64 Resp: 307095
Ion Ratio Lower Upper
64 100
66 32.9 24.6 36.8



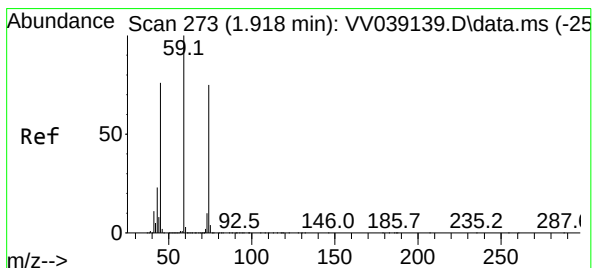
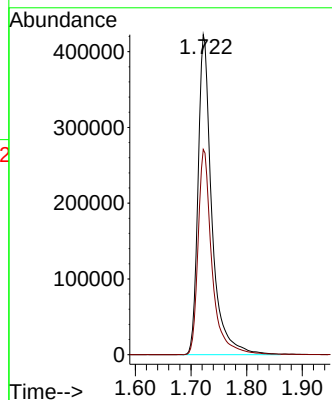
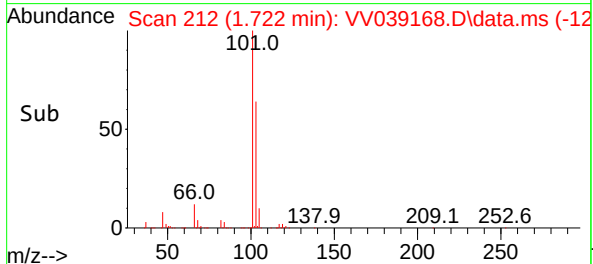


#7
 Trichlorofluoromethane
 Concen: 45.520 ug/l
 RT: 1.722 min Scan# 213
 Delta R.T. -0.003 min
 Lab File: VV039168.D
 Acq: 25 Sep 2025 09:59

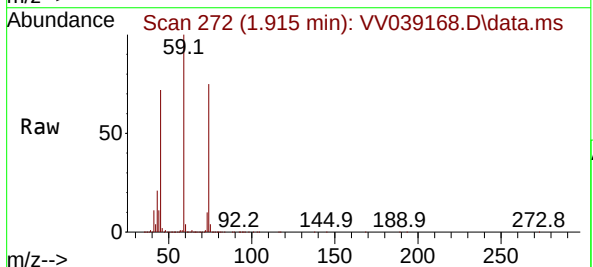
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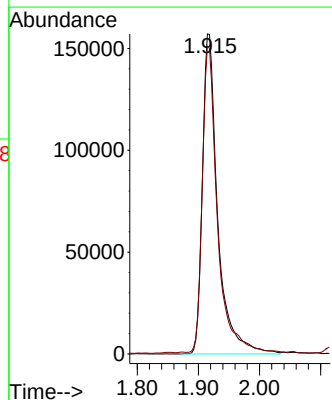
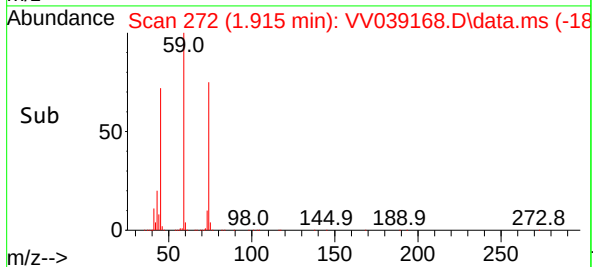
Tgt Ion:101 Resp: 725756
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.0 78.0

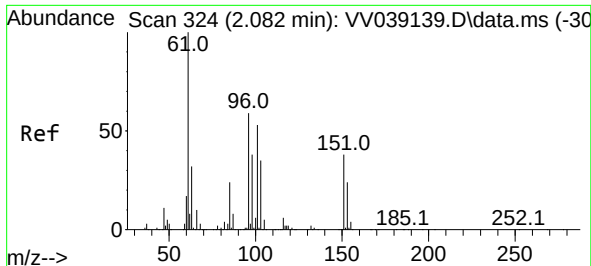


#8
 Diethyl Ether
 Concen: 46.259 ug/l
 RT: 1.915 min Scan# 272
 Delta R.T. -0.003 min
 Lab File: VV039168.D
 Acq: 25 Sep 2025 09:59



Tgt Ion: 74 Resp: 273800
 Ion Ratio Lower Upper
 74 100
 45 93.9 49.6 148.8

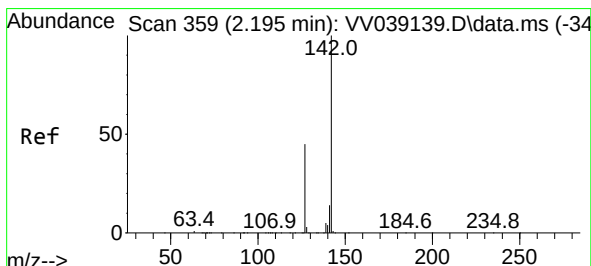
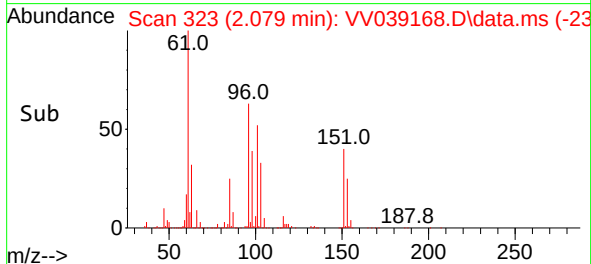
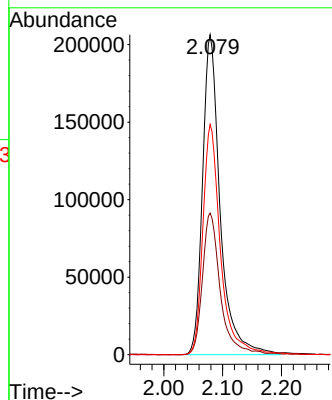
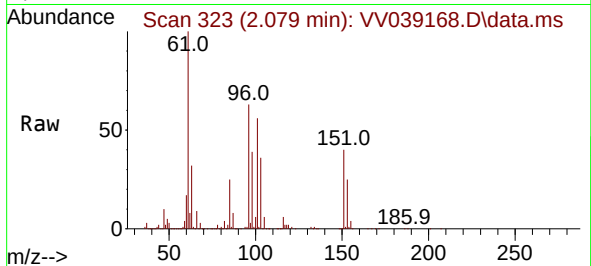




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.275 ug/l
RT: 2.079 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV039168.D
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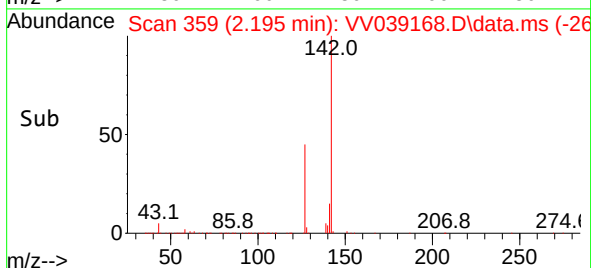
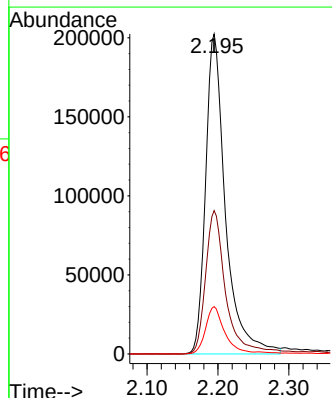
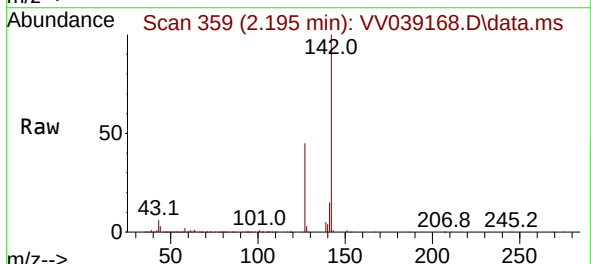
Instrument :
MSVOA_V
ClientSampleId :

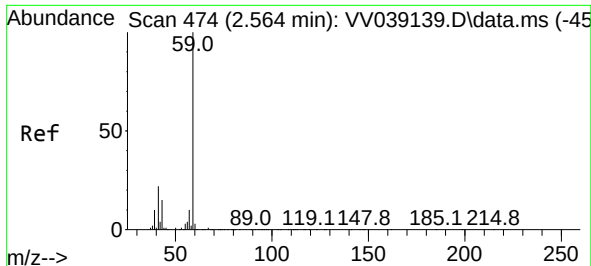
Tgt Ion:101 Resp: 429502
Ion Ratio Lower Upper
101 100
85 44.8 36.2 54.2
151 72.4 56.3 84.5



#10
Methyl Iodide
Concen: 43.640 ug/l
RT: 2.195 min Scan# 359
Delta R.T. -0.000 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

Tgt Ion:142 Resp: 394240
Ion Ratio Lower Upper
142 100
127 46.0 36.3 54.5
141 14.1 11.2 16.8

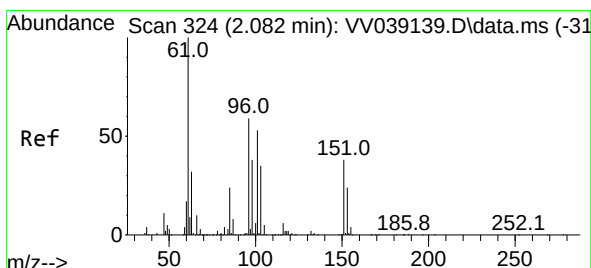
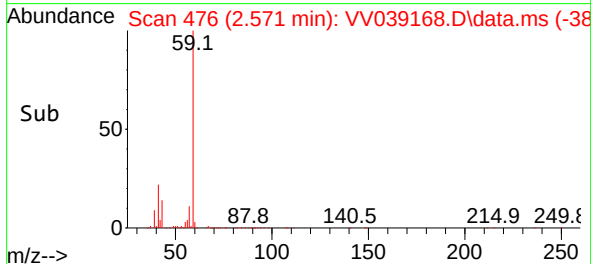
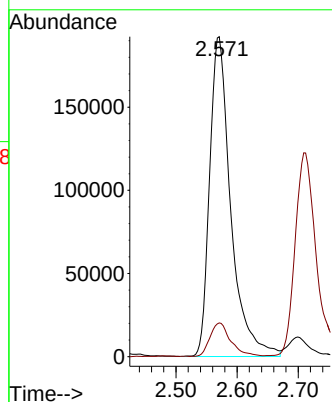
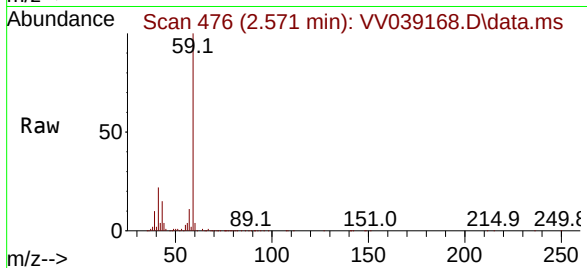




#11
Tert butyl alcohol
Concen: 249.596 ug/l
RT: 2.571 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

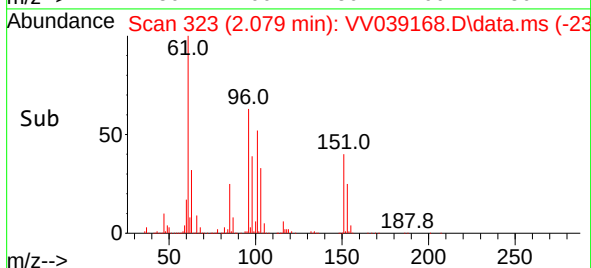
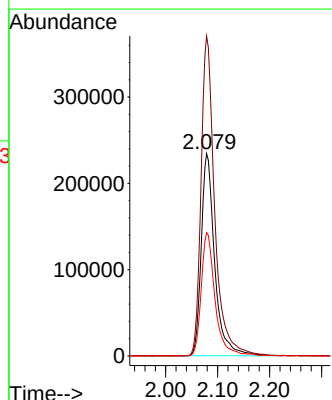
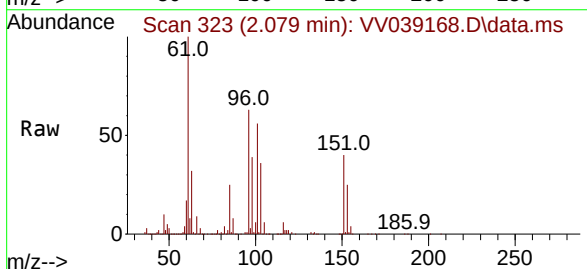
Instrument :
MSVOA_V
ClientSampleId :

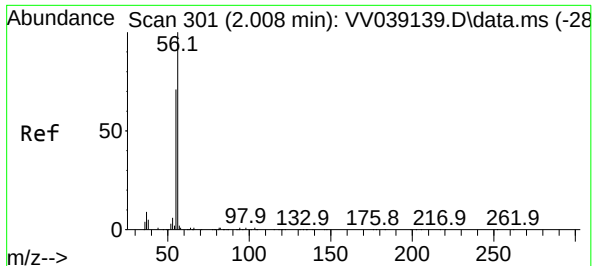
Tgt Ion: 59 Resp: 462139
Ion Ratio Lower Upper
59 100
57 10.4 7.8 11.8



#12
1,1-Dichloroethene
Concen: 46.283 ug/l
RT: 2.079 min Scan# 323
Delta R.T. -0.003 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

Tgt Ion: 96 Resp: 422387
Ion Ratio Lower Upper
96 100
61 158.1 136.0 204.0
98 61.0 51.0 76.6

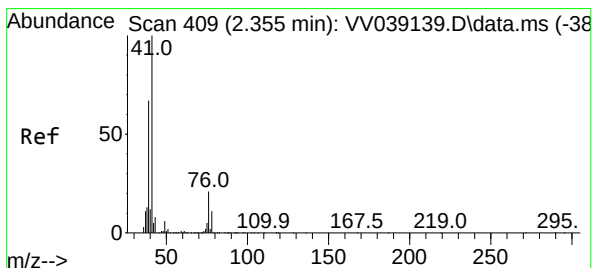
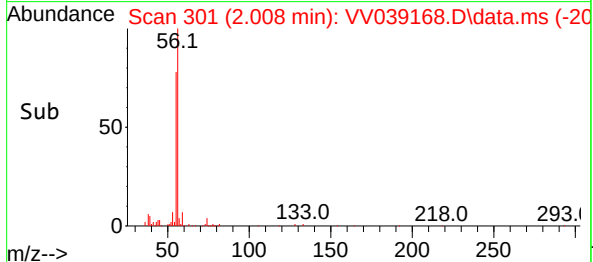
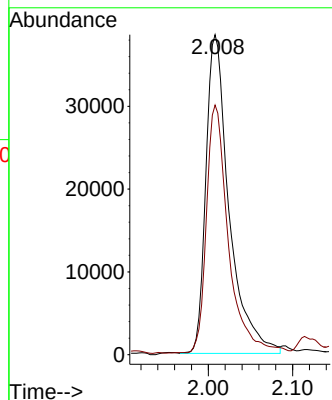
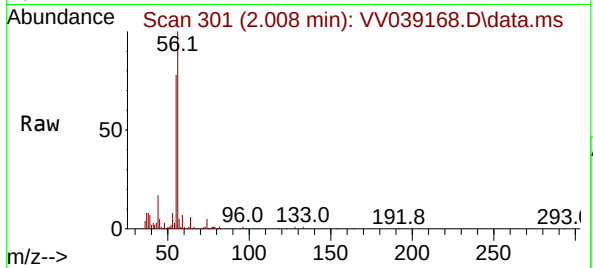




#13
Acrolein
Concen: 229.786 ug/l
RT: 2.008 min Scan# 301
Delta R.T. -0.000 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

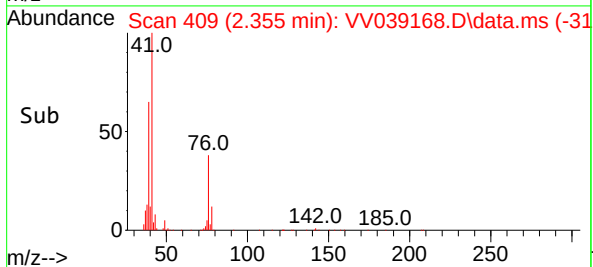
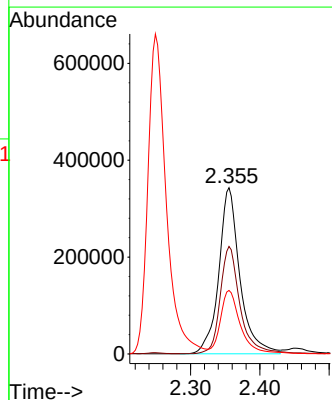
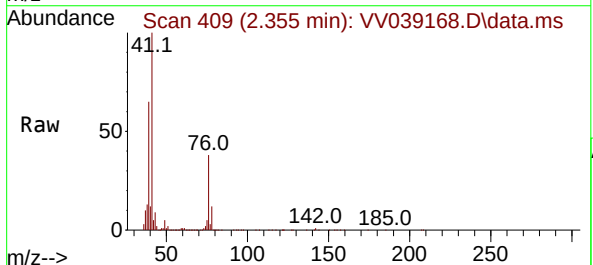
Instrument :
MSVOA_V
ClientSampleId :

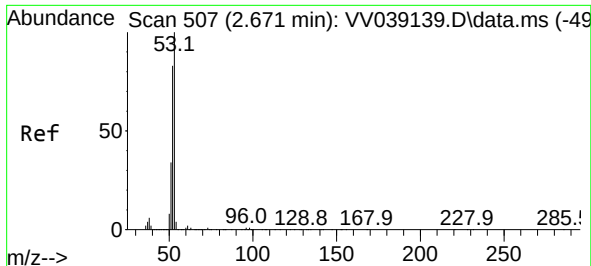
Tgt Ion: 56 Resp: 73826
Ion Ratio Lower Upper
56 100
55 73.5 56.2 84.4



#14
Allyl chloride
Concen: 44.523 ug/l
RT: 2.355 min Scan# 409
Delta R.T. -0.000 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

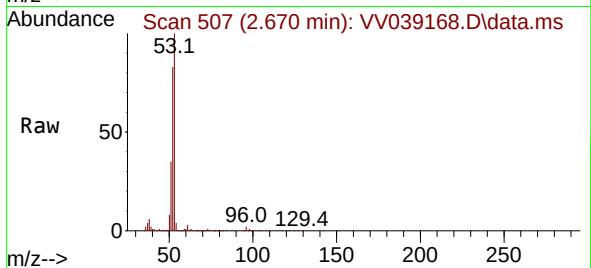
Tgt Ion: 41 Resp: 725818
Ion Ratio Lower Upper
41 100
39 60.8 51.0 76.6
76 36.3 28.2 42.4





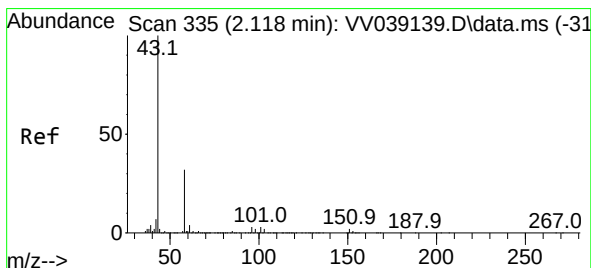
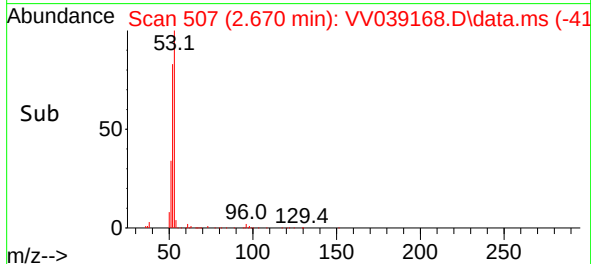
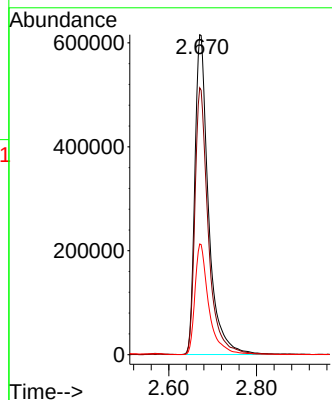
#15
Acrylonitrile
Concen: 223.829 ug/l
RT: 2.670 min Scan# 507
Delta R.T. -0.000 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 53 Resp: 1328524

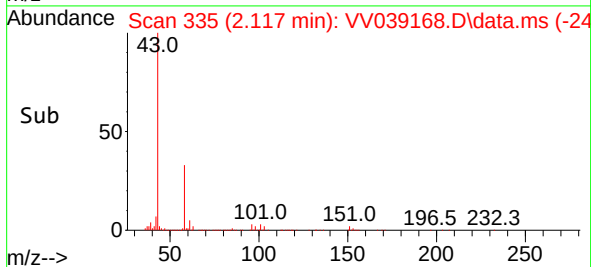
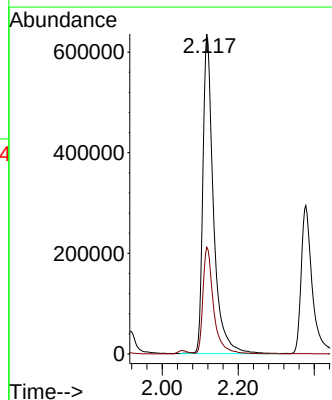
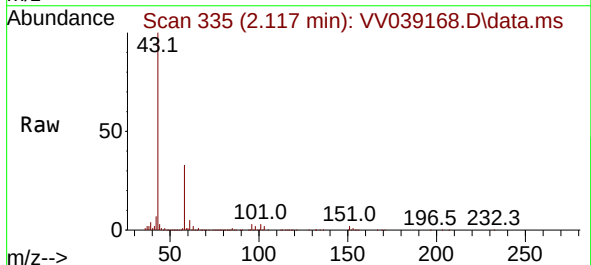
Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.1	99.1
51	35.1	28.5	42.7

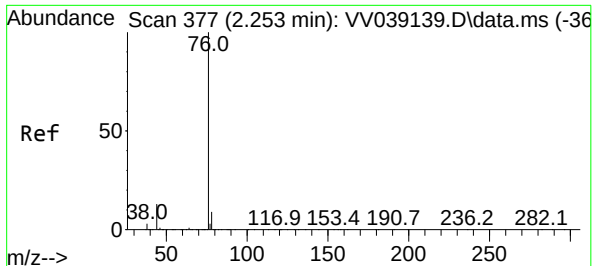


#16
Acetone
Concen: 224.844 ug/l
RT: 2.117 min Scan# 335
Delta R.T. -0.001 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

Tgt Ion: 43 Resp: 1227421

Ion	Ratio	Lower	Upper
43	100		
58	33.3	25.8	38.6

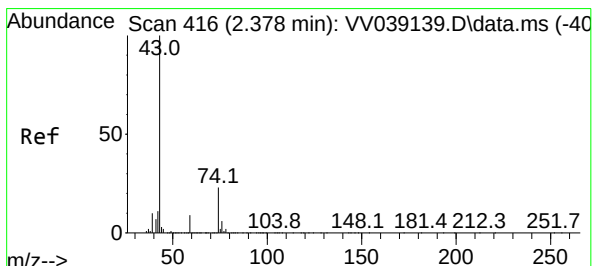
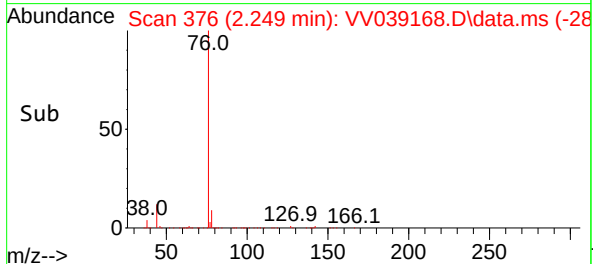
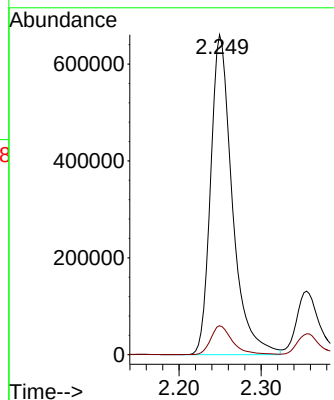
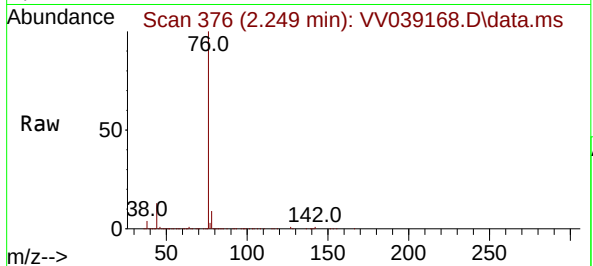




#17
Carbon Disulfide
Concen: 43.464 ug/l
RT: 2.249 min Scan# 376
Delta R.T. -0.003 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

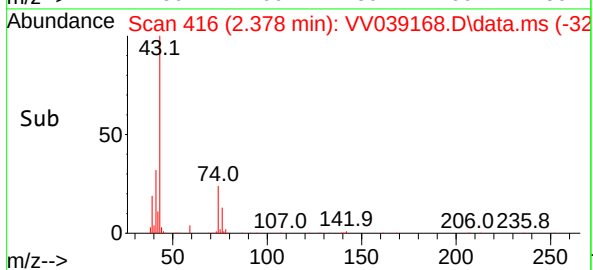
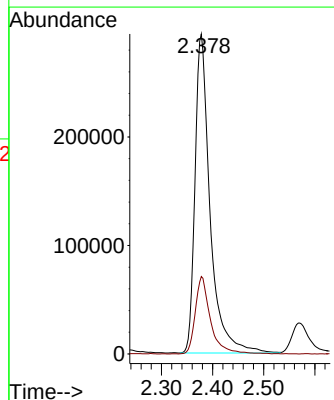
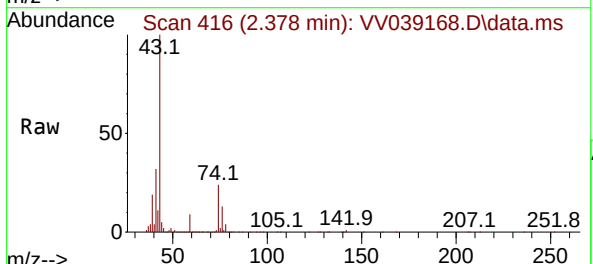
Instrument :
MSVOA_V
ClientSampleId :

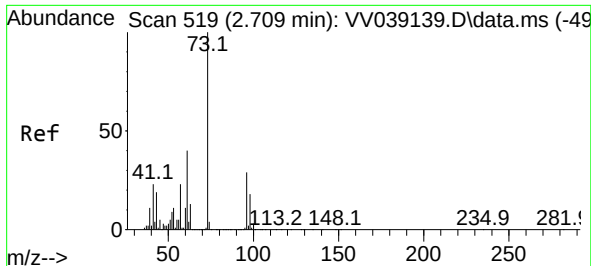
Tgt Ion: 76 Resp: 1213128
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 46.408 ug/l
RT: 2.378 min Scan# 416
Delta R.T. -0.000 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

Tgt Ion: 43 Resp: 602375
Ion Ratio Lower Upper
43 100
74 24.6 18.6 27.8

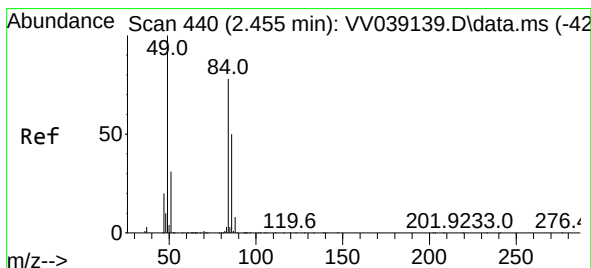
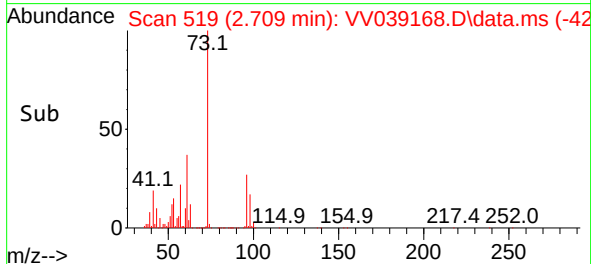
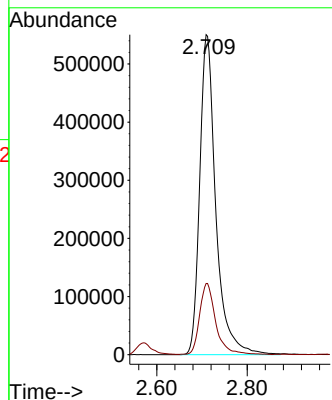
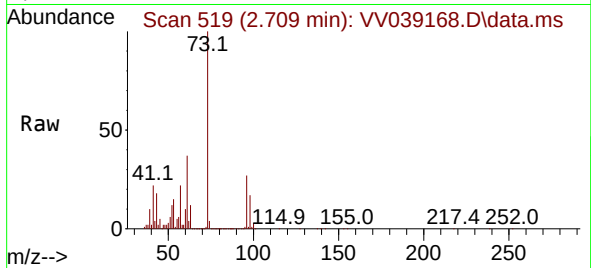




#19
Methyl tert-butyl Ether
Concen: 46.768 ug/l
RT: 2.709 min Scan# 519
Delta R.T. -0.000 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

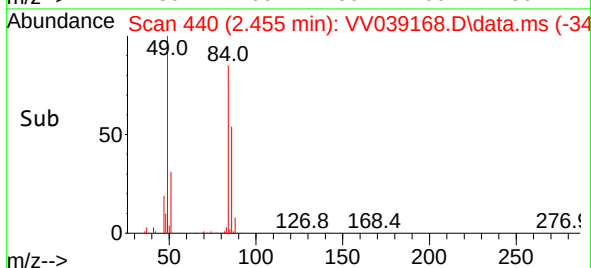
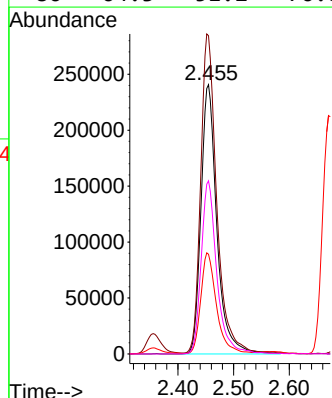
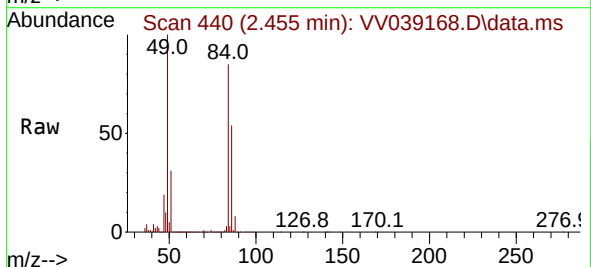
Instrument :
MSVOA_V
ClientSampleId :

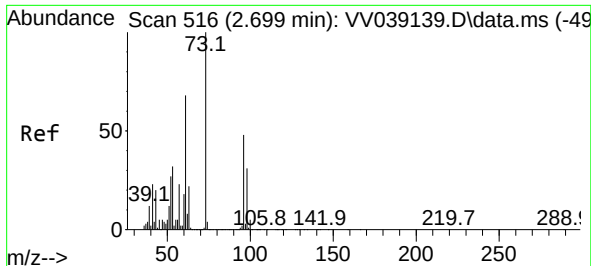
Tgt Ion: 73 Resp: 1360066
Ion Ratio Lower Upper
73 100
57 22.1 18.2 27.4



#20
Methylene Chloride
Concen: 50.438 ug/l
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

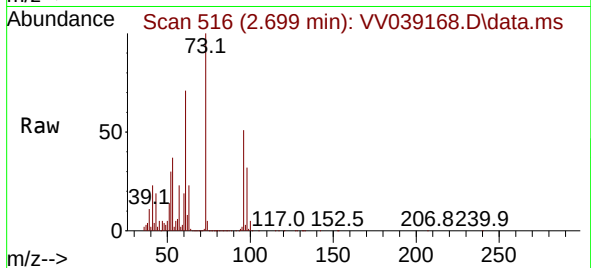
Tgt Ion: 84 Resp: 477153
Ion Ratio Lower Upper
84 100
49 117.8 102.8 154.2
51 36.7 31.9 47.9
86 64.3 51.2 76.8



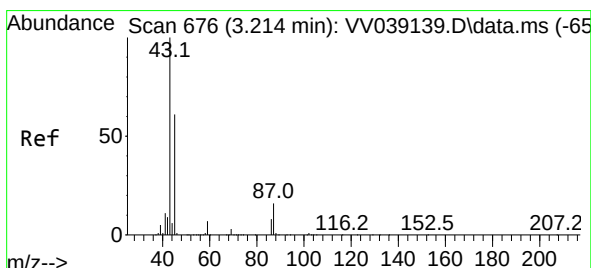
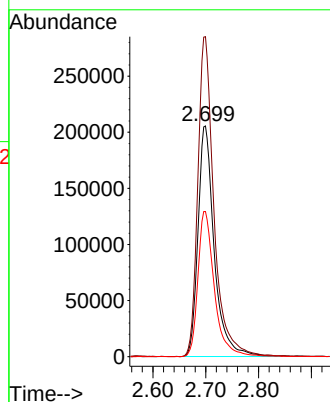
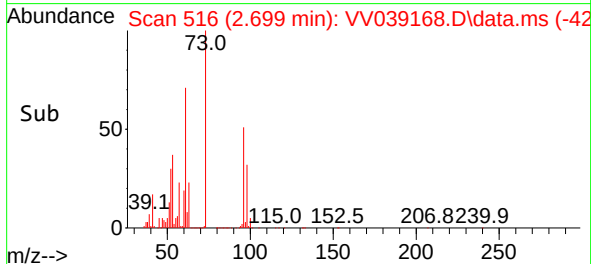


#21
trans-1,2-Dichloroethene
Concen: 45.131 ug/l
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

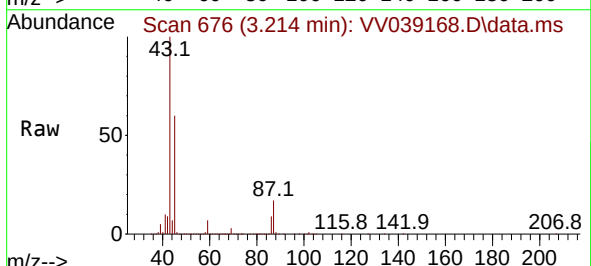
Instrument :
MSVOA_V
ClientSampleId :



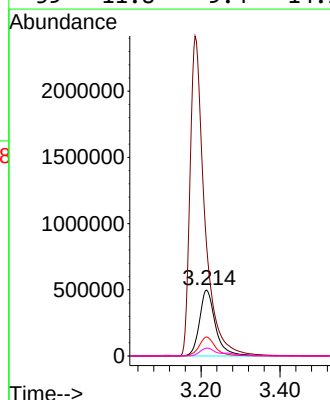
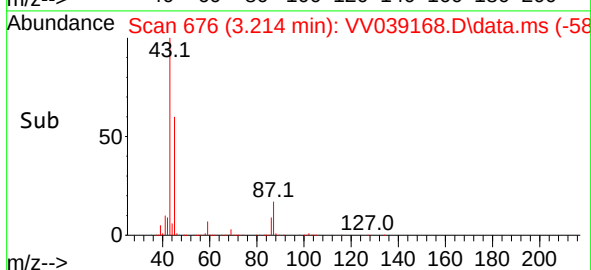
Tgt Ion: 96 Resp: 438480
Ion Ratio Lower Upper
96 100
61 138.8 112.8 169.2
98 63.0 51.1 76.7

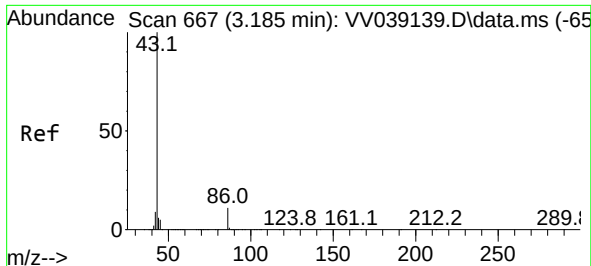


#22
Diisopropyl ether
Concen: 44.947 ug/l
RT: 3.214 min Scan# 676
Delta R.T. -0.000 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59



Tgt Ion: 45 Resp: 1401924
Ion Ratio Lower Upper
45 100
43 167.4 130.9 196.3
87 29.0 21.1 31.7
59 11.8 9.4 14.2

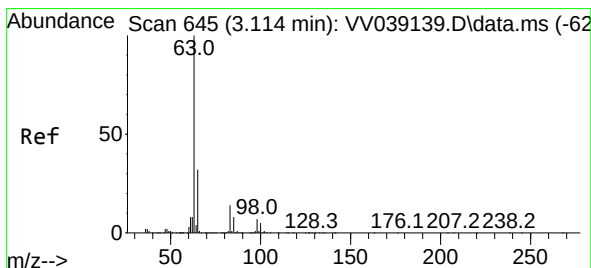
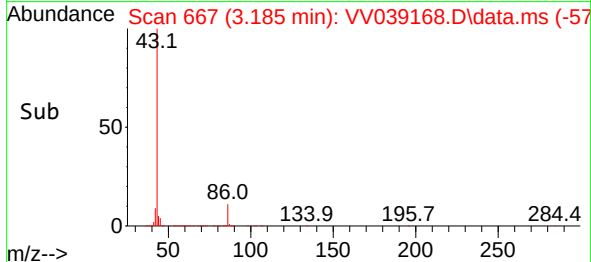
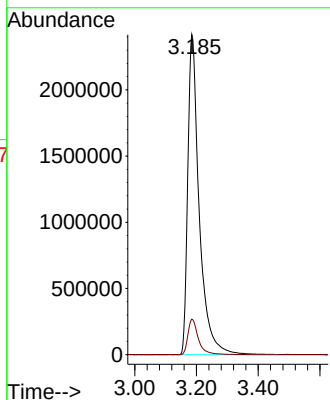
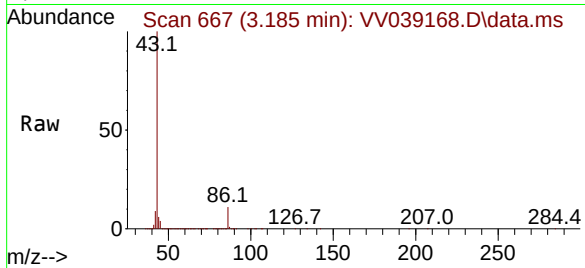




#23
 Vinyl Acetate
 Concen: 228.109 ug/l
 RT: 3.185 min Scan# 667
 Delta R.T. -0.000 min
 Lab File: VV039168.D
 Acq: 25 Sep 2025 09:59

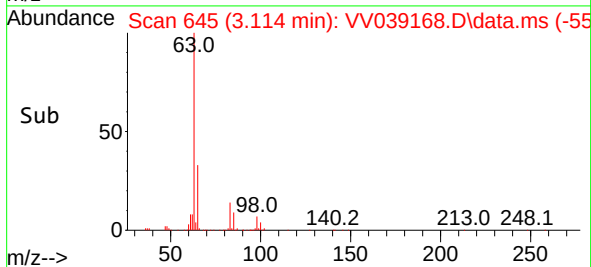
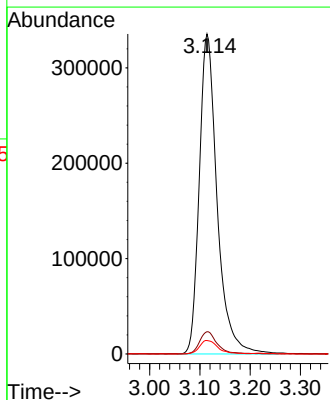
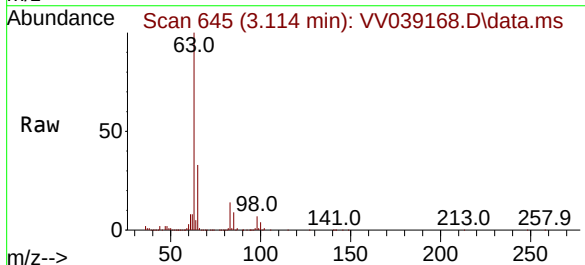
Instrument :
 MSVOA_V
 ClientSampleId :

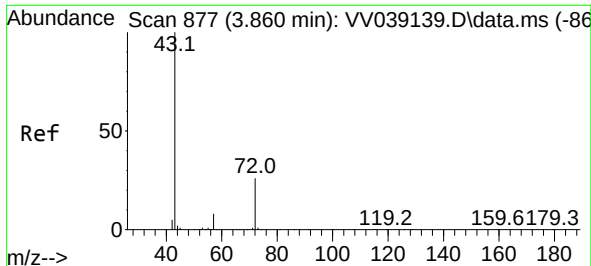
Tgt Ion: 43 Resp: 6223966
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 43.389 ug/l
 RT: 3.114 min Scan# 645
 Delta R.T. -0.000 min
 Lab File: VV039168.D
 Acq: 25 Sep 2025 09:59

Tgt Ion: 63 Resp: 827604
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.2
 100 4.2 2.2 6.6

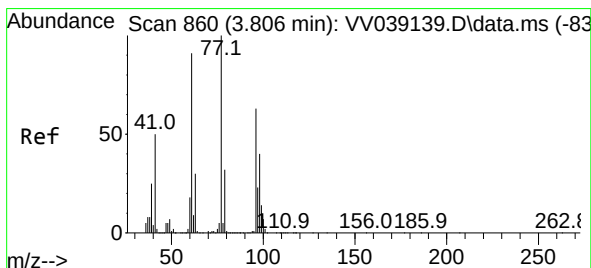
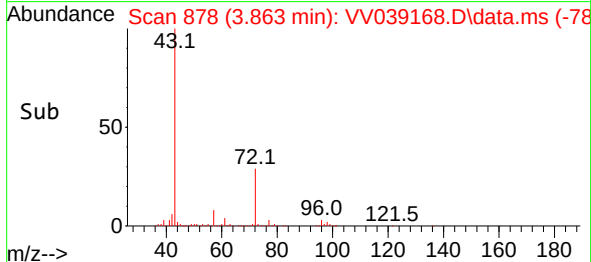
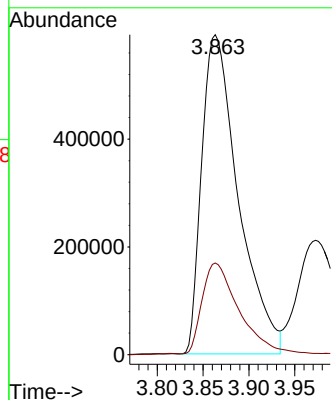
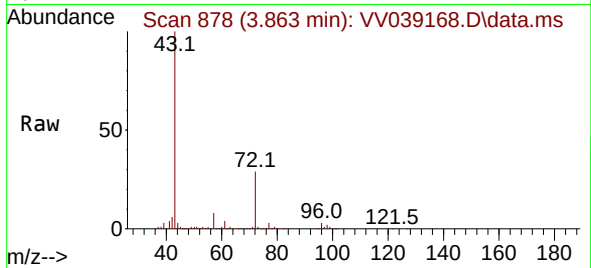




#25
2-Butanone
Concen: 234.849 ug/l
RT: 3.863 min Scan# 877
Delta R.T. 0.003 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

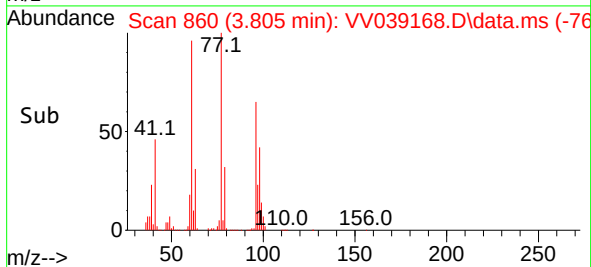
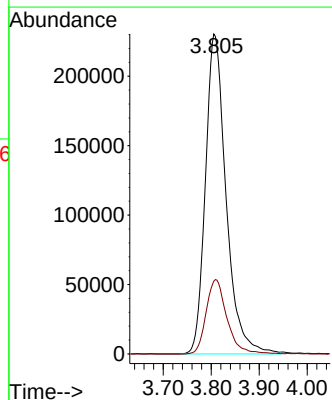
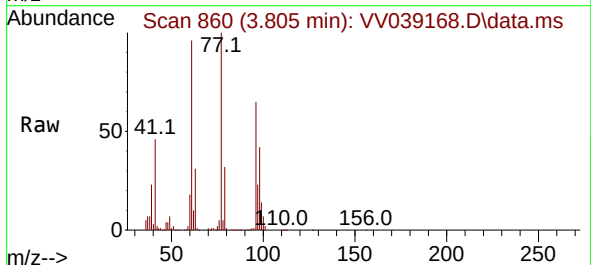
Instrument :
MSVOA_V
ClientSampleId :

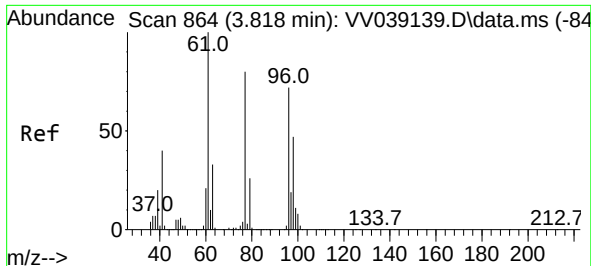
Tgt Ion: 43 Resp: 1647490
Ion Ratio Lower Upper
43 100
72 28.4 21.0 31.6



#26
2,2-Dichloropropane
Concen: 40.800 ug/l
RT: 3.805 min Scan# 860
Delta R.T. -0.000 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

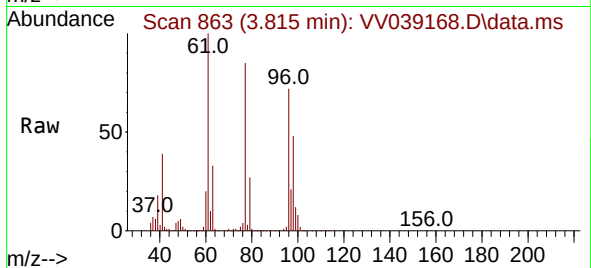
Tgt Ion: 77 Resp: 690029
Ion Ratio Lower Upper
77 100
97 23.3 11.6 34.7



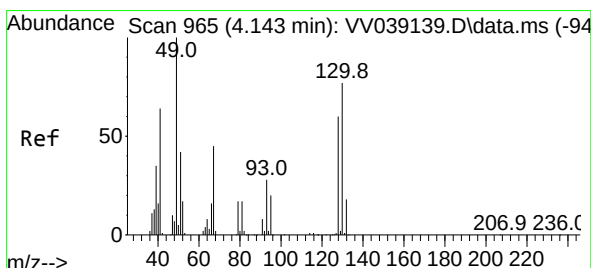
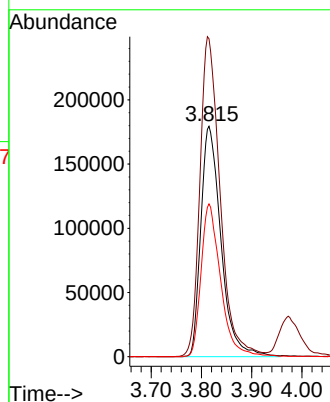
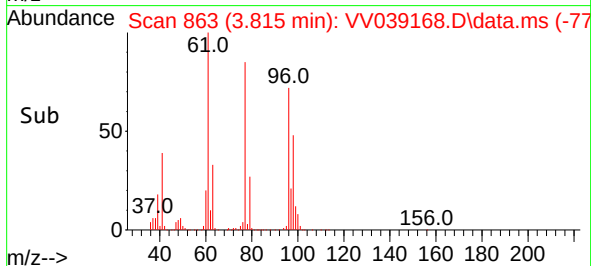


#27
 cis-1,2-Dichloroethene
 Concen: 46.579 ug/l
 RT: 3.815 min Scan# 864
 Delta R.T. -0.003 min
 Lab File: VV039168.D
 Acq: 25 Sep 2025 09:59

Instrument :
 MSVOA_V
 ClientSampleId :

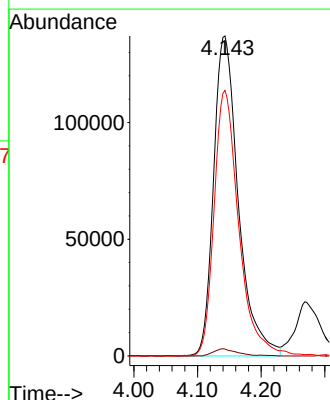
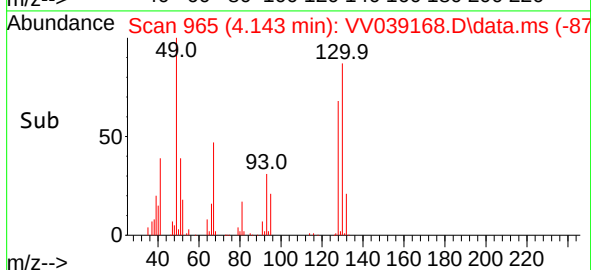
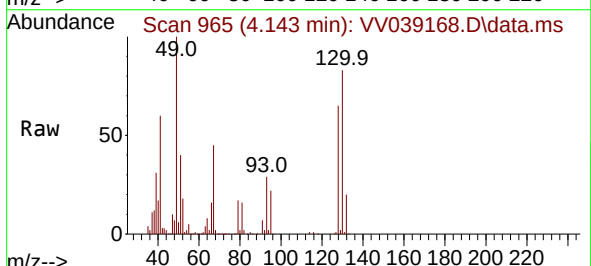


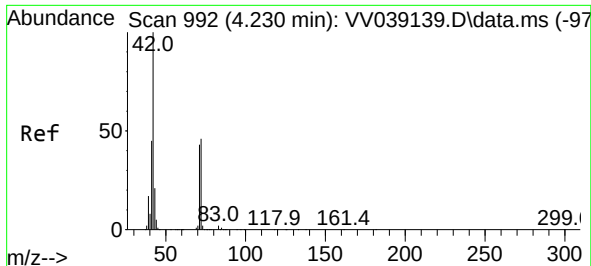
Tgt Ion: 96 Resp: 499109
 Ion Ratio Lower Upper
 96 100
 61 139.3 0.0 286.4
 98 64.0 0.0 126.6



#28
 Bromochloromethane
 Concen: 44.019 ug/l
 RT: 4.143 min Scan# 965
 Delta R.T. -0.000 min
 Lab File: VV039168.D
 Acq: 25 Sep 2025 09:59

Tgt Ion: 49 Resp: 370658
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 82.8 60.2 90.2





#29

Tetrahydrofuran

Concen: 244.856 ug/l

RT: 4.233 min Scan# 992

Delta R.T. 0.003 min

Lab File: VV039168.D

Acq: 25 Sep 2025 09:59

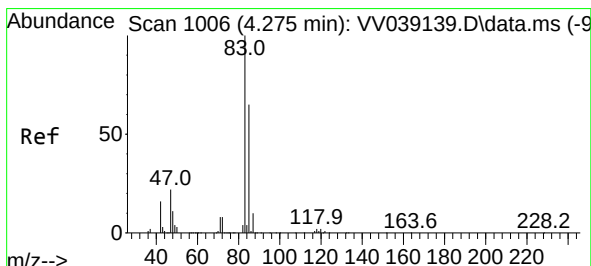
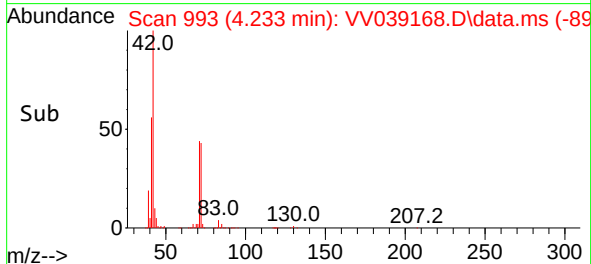
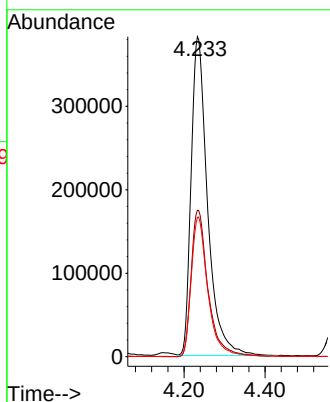
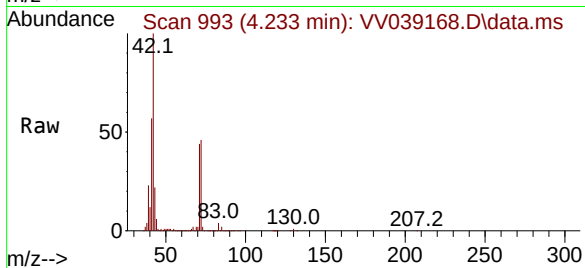
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 42 Resp: 1075144

Ion	Ratio	Lower	Upper
42	100		
72	47.4	36.3	54.5
71	44.4	34.3	51.5



#30

Chloroform

Concen: 43.324 ug/l

RT: 4.275 min Scan# 1006

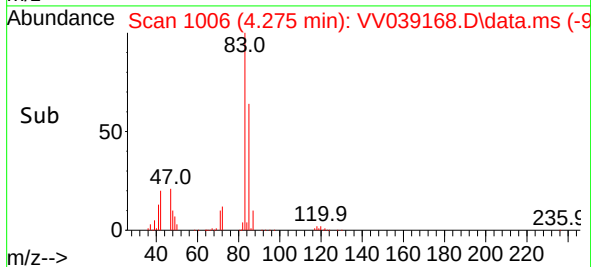
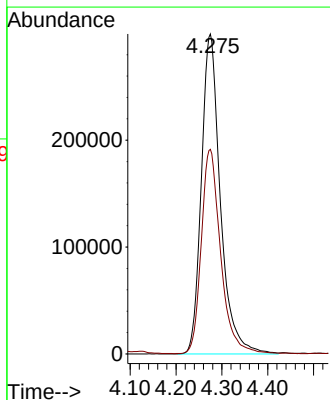
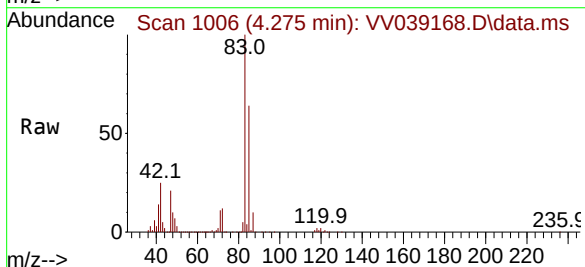
Delta R.T. -0.000 min

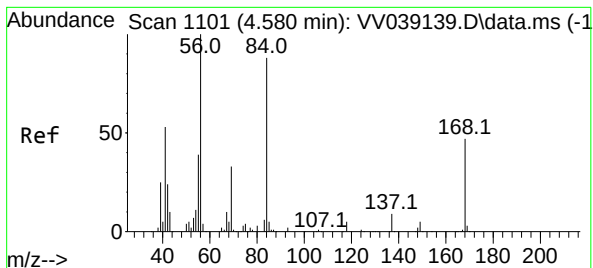
Lab File: VV039168.D

Acq: 25 Sep 2025 09:59

Tgt Ion: 83 Resp: 862902

Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.1	78.1





#31

Cyclohexane

Concen: 44.432 ug/l

RT: 4.580 min Scan# 1101

Delta R.T. -0.000 min

Lab File: VV039168.D

Acq: 25 Sep 2025 09:59

Instrument :

MSVOA_V

ClientSampleId :

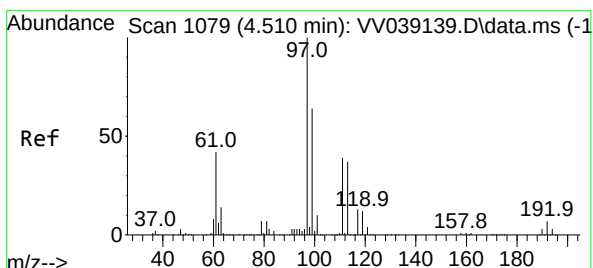
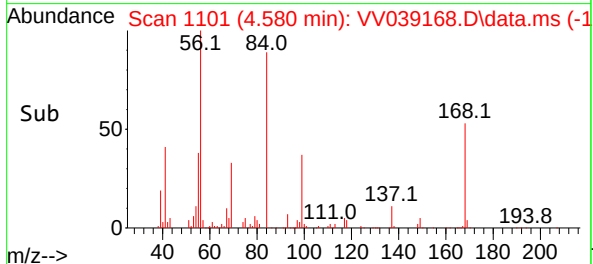
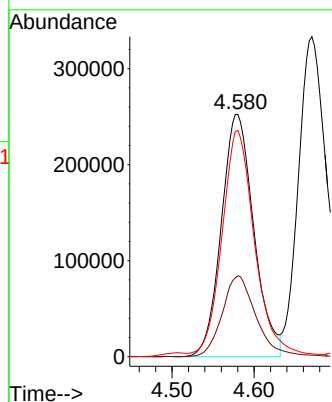
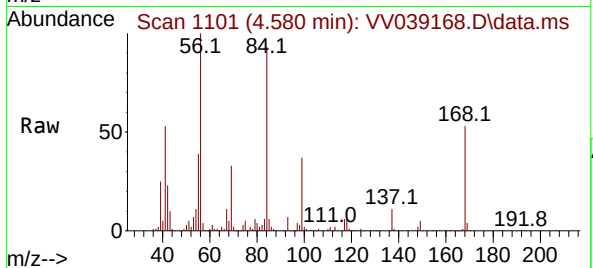
Tgt Ion: 56 Resp: 694256

Ion Ratio Lower Upper

56 100

69 33.4 26.2 39.2

84 91.8 70.3 105.5



#32

1,1,1-Trichloroethane

Concen: 44.071 ug/l

RT: 4.510 min Scan# 1079

Delta R.T. -0.000 min

Lab File: VV039168.D

Acq: 25 Sep 2025 09:59

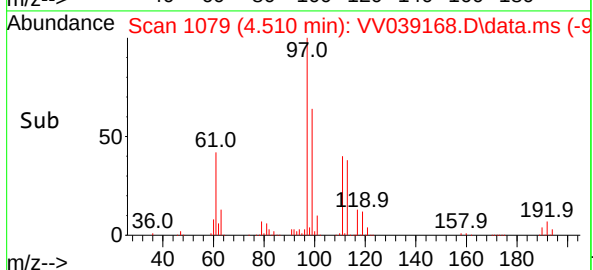
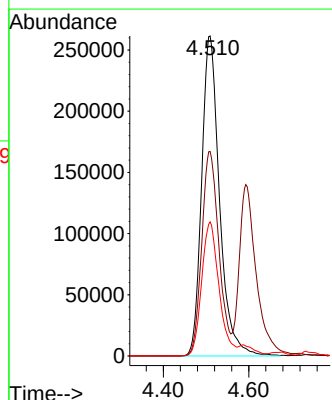
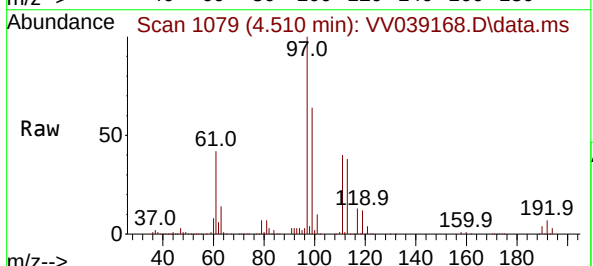
Tgt Ion: 97 Resp: 759916

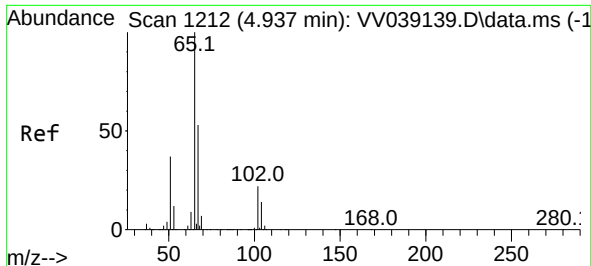
Ion Ratio Lower Upper

97 100

99 61.0 49.6 74.4

61 40.6 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 42.102 ug/l

RT: 4.937 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VV039168.D

Acq: 25 Sep 2025 09:59

Instrument :

MSVOA_V

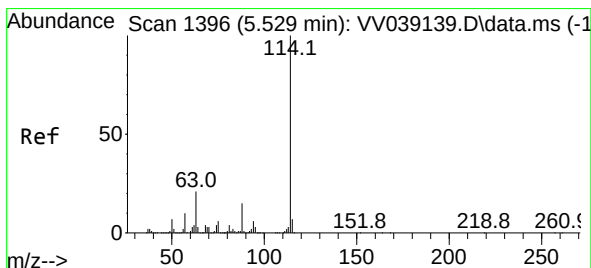
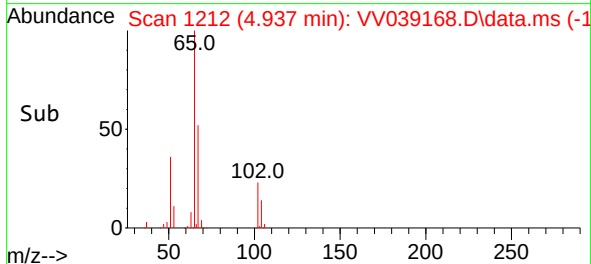
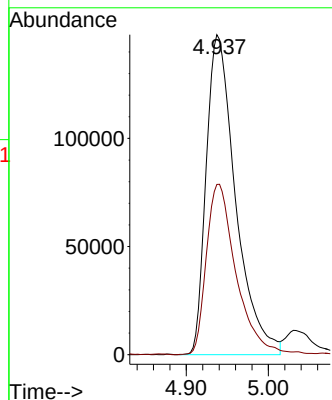
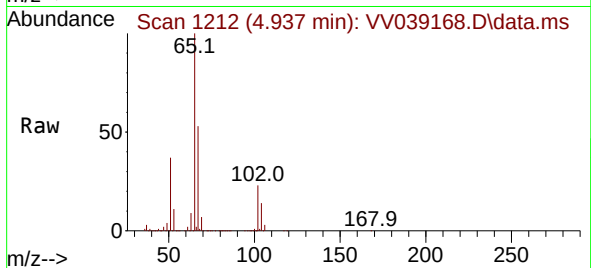
ClientSampleId :

Tgt Ion: 65 Resp: 368829

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VV039168.D

Acq: 25 Sep 2025 09:59

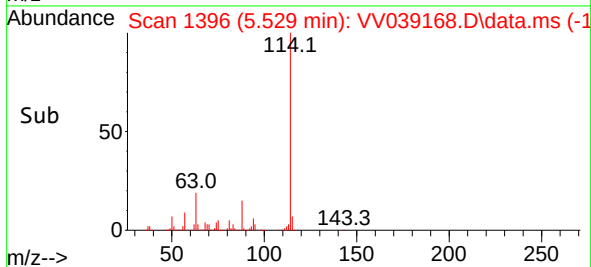
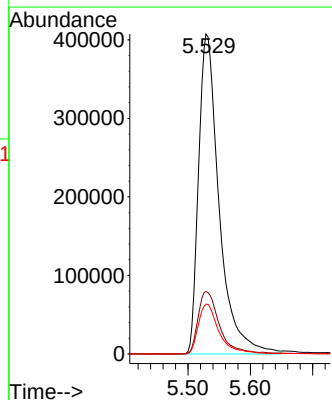
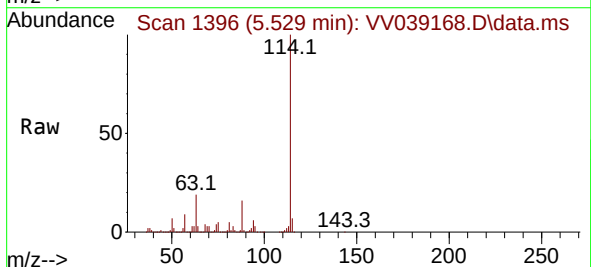
Tgt Ion: 114 Resp: 933338

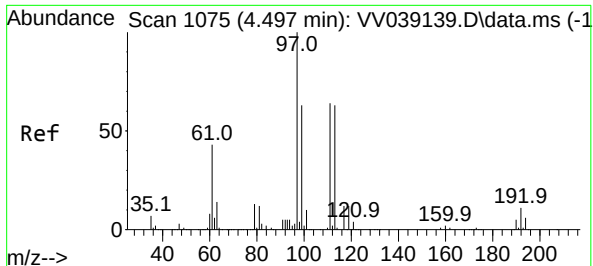
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.6

88 15.5 0.0 30.8

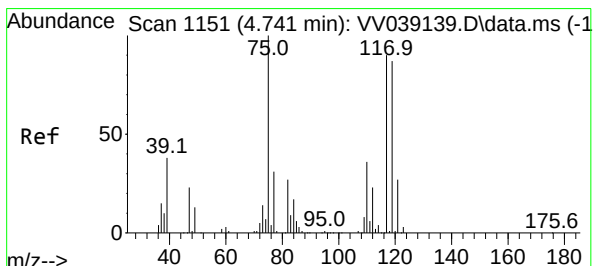
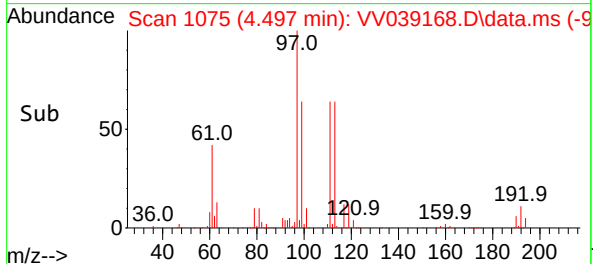
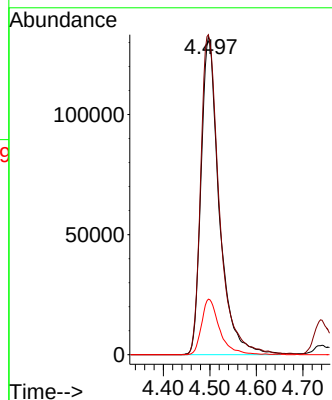
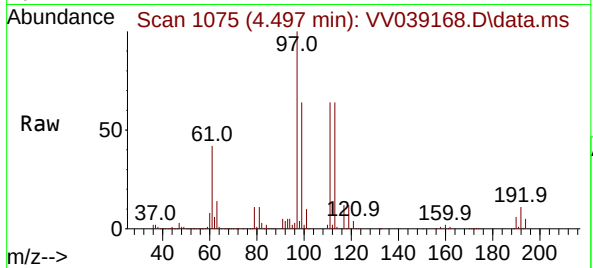




#35
Dibromofluoromethane
Concen: 47.826 ug/l
RT: 4.497 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

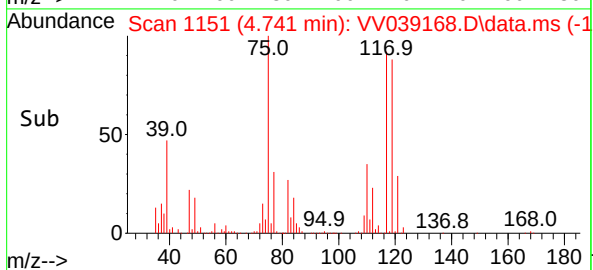
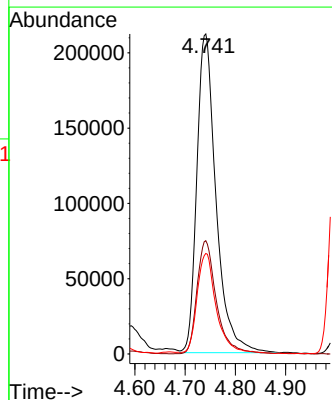
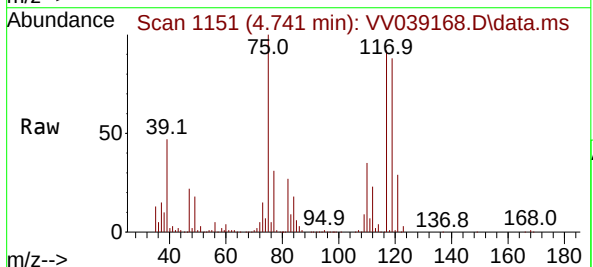
Instrument :
MSVOA_V
ClientSampleId :

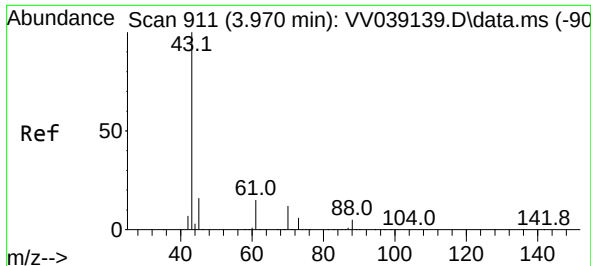
Tgt Ion:113 Resp: 358851
Ion Ratio Lower Upper
113 100
111 103.1 82.4 123.6
192 17.3 13.8 20.8



#36
1,1-Dichloropropene
Concen: 49.586 ug/l
RT: 4.741 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

Tgt Ion: 75 Resp: 562517
Ion Ratio Lower Upper
75 100
110 35.7 18.1 54.1
77 31.4 24.8 37.2

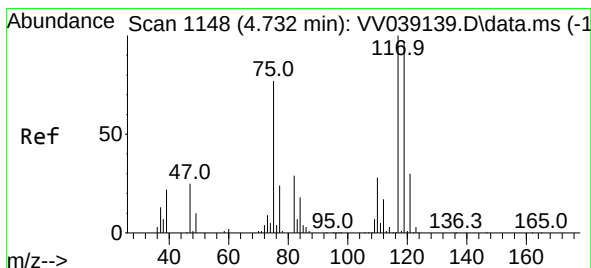
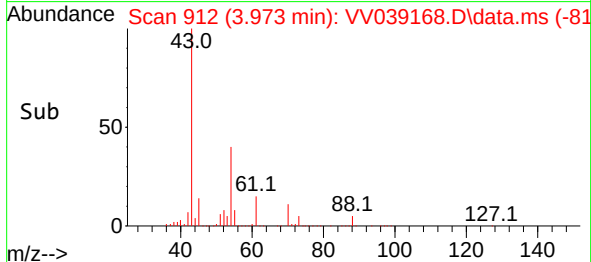
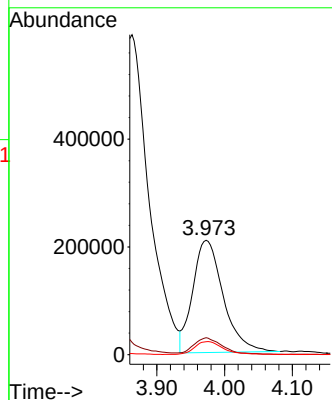
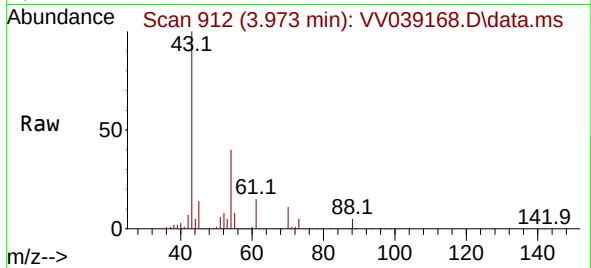




#37
Ethyl Acetate
Concen: 47.290 ug/l
RT: 3.973 min Scan# 911
Delta R.T. 0.003 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

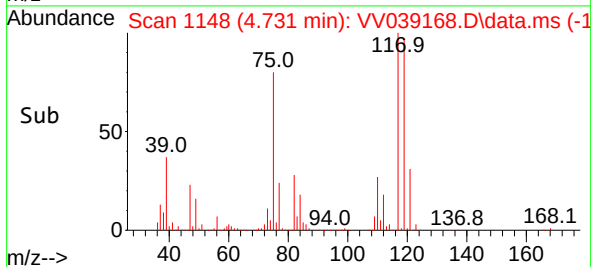
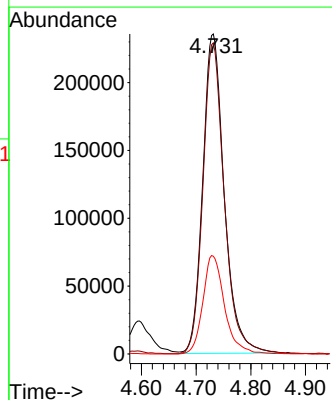
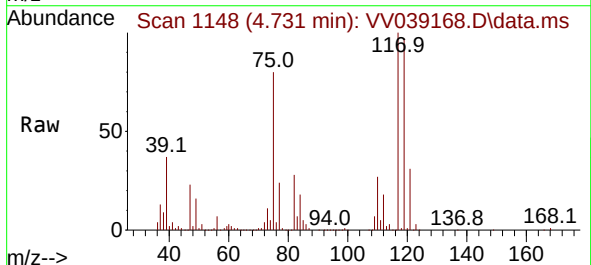
Instrument :
MSVOA_V
ClientSampleId :

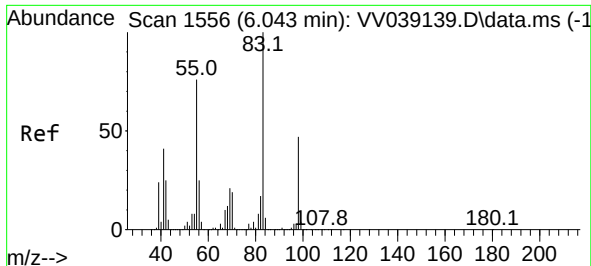
Tgt Ion: 43 Resp: 650966
Ion Ratio Lower Upper
43 100
61 13.8 10.3 15.5
70 10.7 8.0 12.0



#38
Carbon Tetrachloride
Concen: 46.350 ug/l
RT: 4.731 min Scan# 1148
Delta R.T. -0.001 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

Tgt Ion: 117 Resp: 642615
Ion Ratio Lower Upper
117 100
119 97.3 77.2 115.8
121 30.6 24.2 36.2

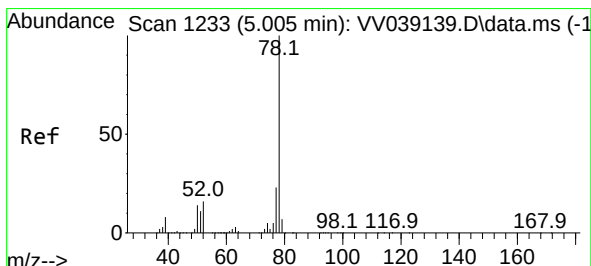
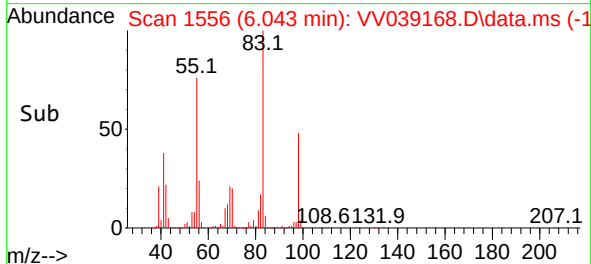
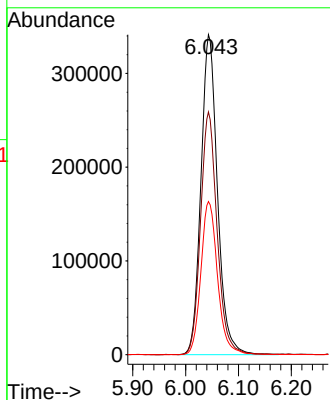
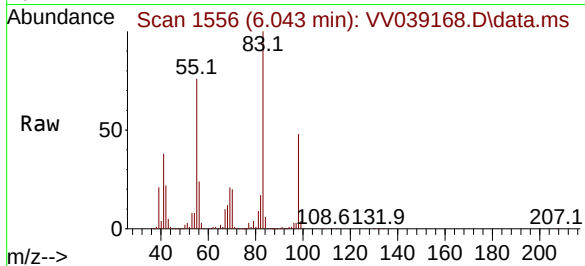




#39
Methylcyclohexane
Concen: 54.277 ug/l
RT: 6.043 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

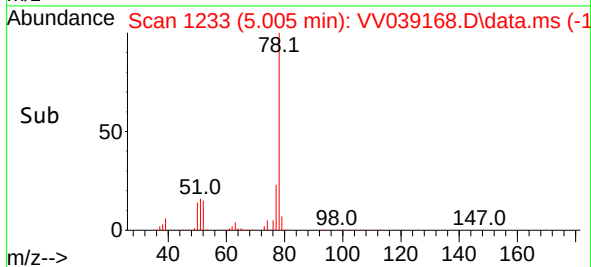
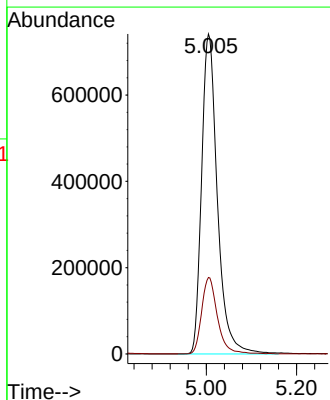
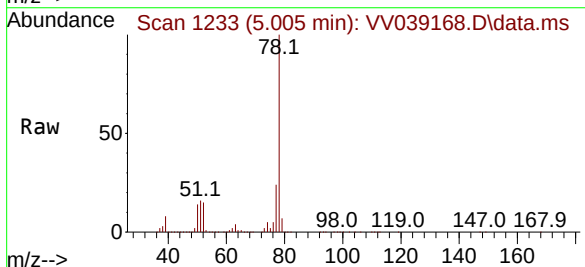
Instrument :
MSVOA_V
ClientSampleId :

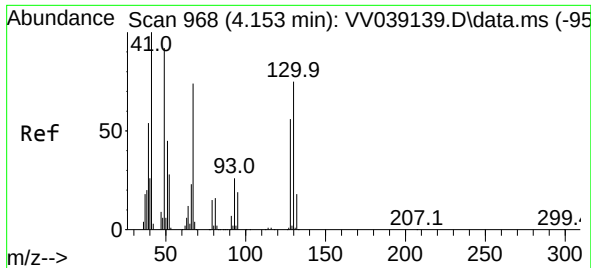
Tgt Ion: 83 Resp: 743575
Ion Ratio Lower Upper
83 100
55 75.8 60.5 90.7
98 47.9 37.8 56.6



#40
Benzene
Concen: 48.671 ug/l
RT: 5.005 min Scan# 1233
Delta R.T. -0.000 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

Tgt Ion: 78 Resp: 1797939
Ion Ratio Lower Upper
78 100
77 23.9 18.7 28.1

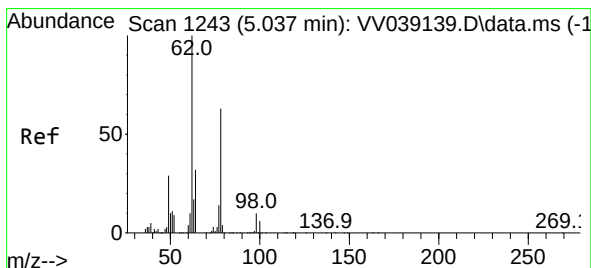
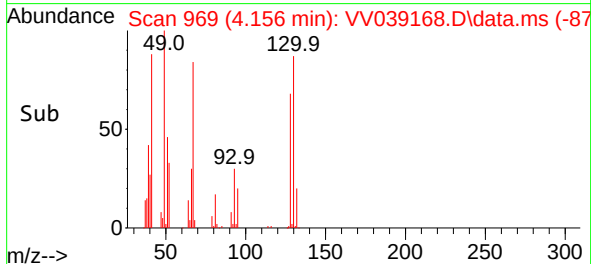
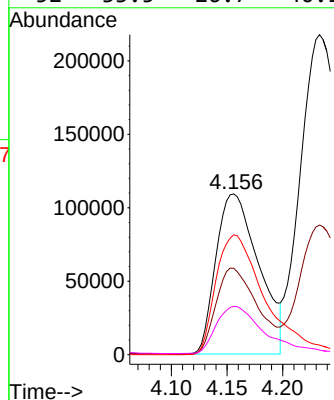
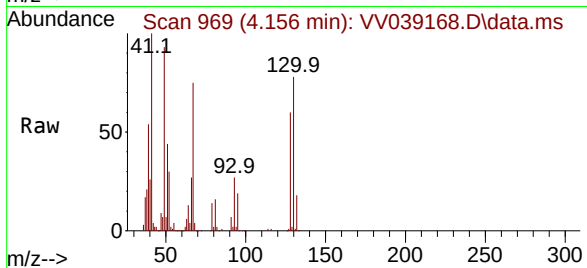




#41
Methacrylonitrile
Concen: 47.017 ug/l
RT: 4.156 min Scan# 91
Delta R.T. 0.003 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

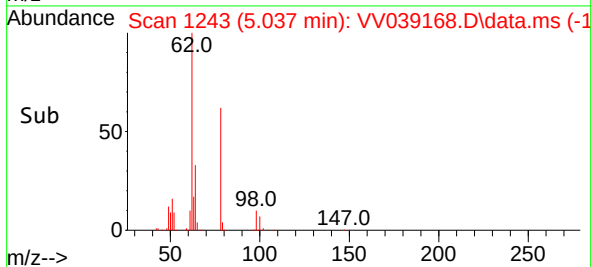
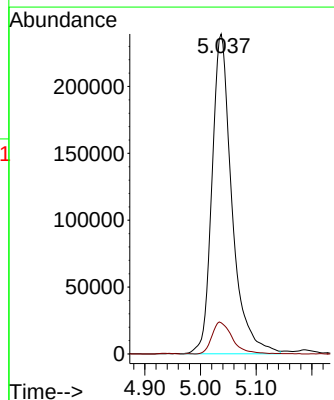
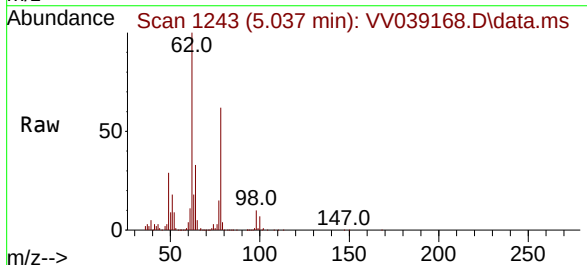
Instrument :
MSVOA_V
ClientSampleId :

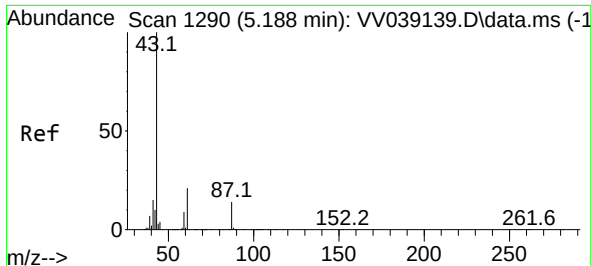
Tgt Ion: 41 Resp: 291884
Ion Ratio Lower Upper
41 100
39 51.3 42.2 63.2
67 87.7 67.9 101.9
52 33.5 26.7 40.1



#42
1,2-Dichloroethane
Concen: 46.050 ug/l
RT: 5.037 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

Tgt Ion: 62 Resp: 596048
Ion Ratio Lower Upper
62 100
98 10.3 0.0 19.2

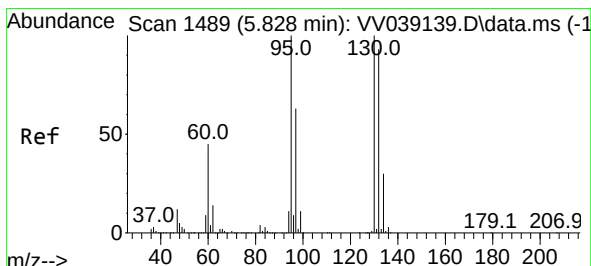
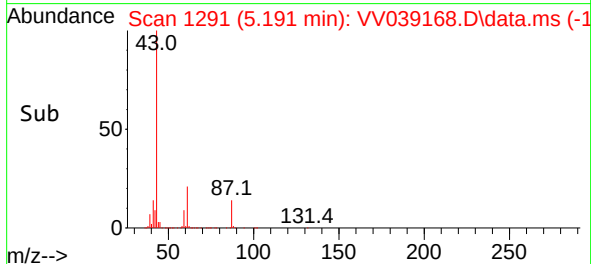
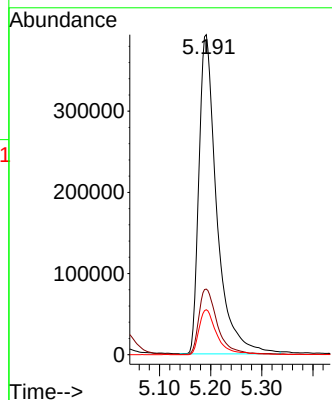
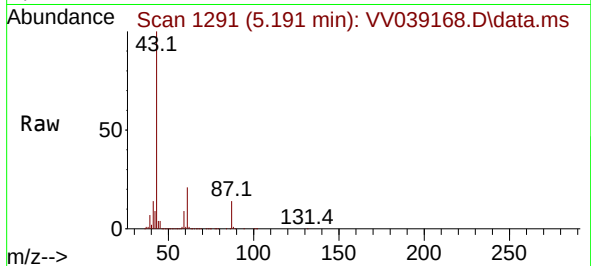




#43
Isopropyl Acetate
Concen: 50.848 ug/l
RT: 5.191 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

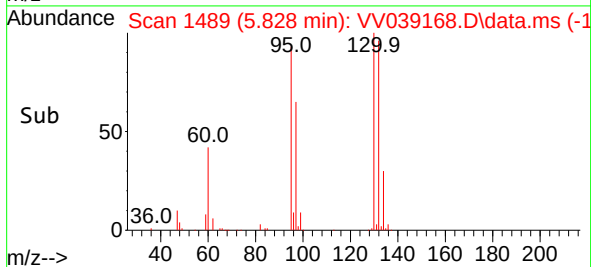
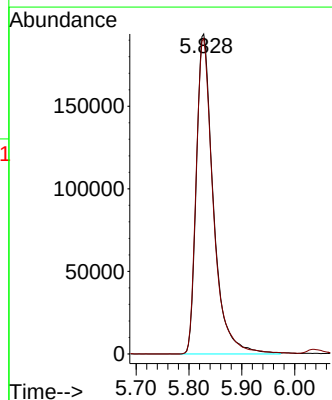
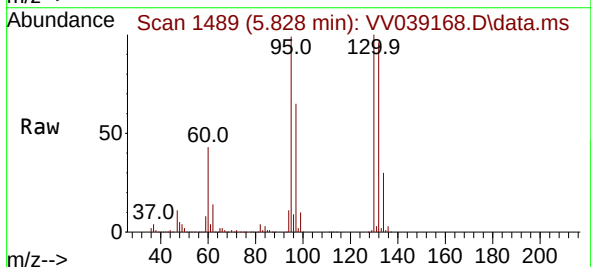
Instrument :
MSVOA_V
ClientSampleId :

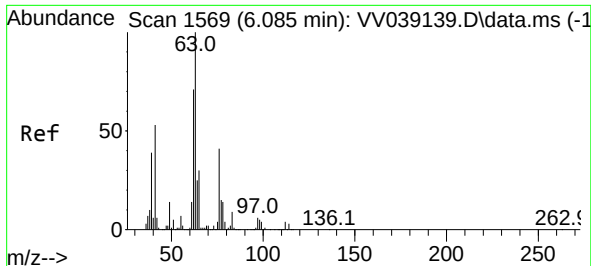
Tgt Ion: 43 Resp: 954350
Ion Ratio Lower Upper
43 100
61 21.0 15.9 23.9
87 14.3 11.0 16.6



#44
Trichloroethene
Concen: 50.680 ug/l
RT: 5.828 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

Tgt Ion:130 Resp: 432014
Ion Ratio Lower Upper
130 100
95 98.5 0.0 199.2





#45

1,2-Dichloropropane

Concen: 50.088 ug/l

RT: 6.085 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VV039168.D

Acq: 25 Sep 2025 09:59

Instrument :

MSVOA_V

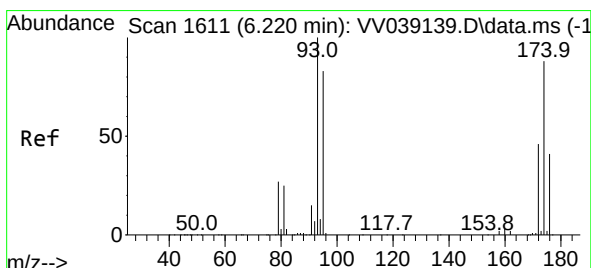
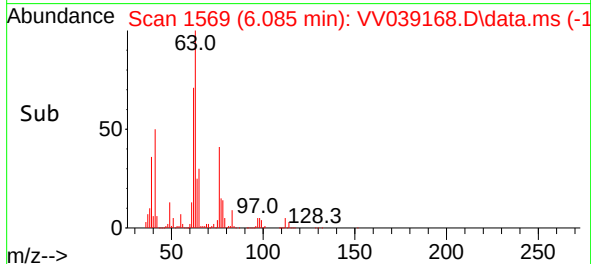
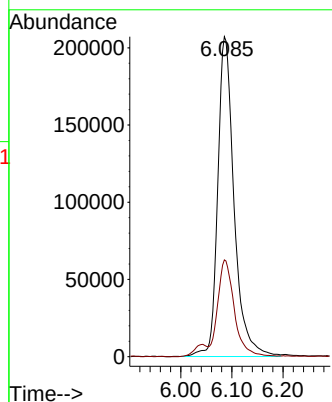
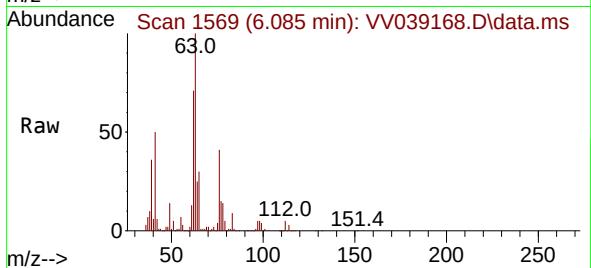
ClientSampleId :

Tgt Ion: 63 Resp: 459902

Ion Ratio Lower Upper

63 100

65 30.3 23.7 35.5



#46

Dibromomethane

Concen: 48.059 ug/l

RT: 6.220 min Scan# 1611

Delta R.T. -0.000 min

Lab File: VV039168.D

Acq: 25 Sep 2025 09:59

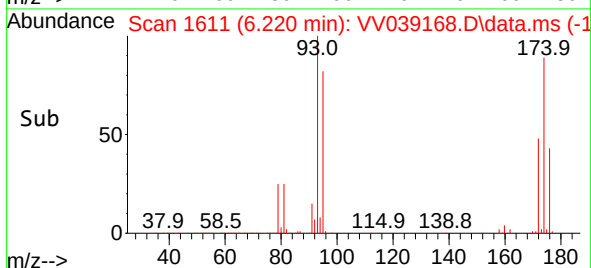
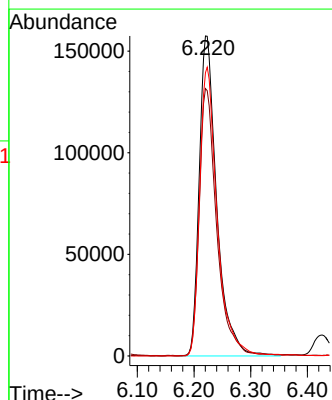
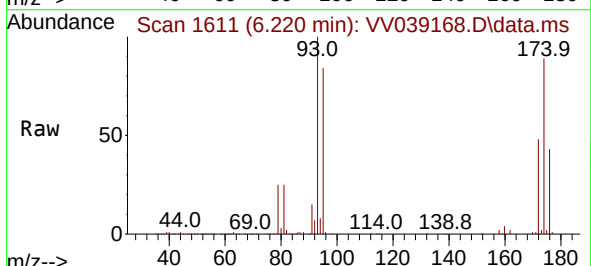
Tgt Ion: 93 Resp: 337738

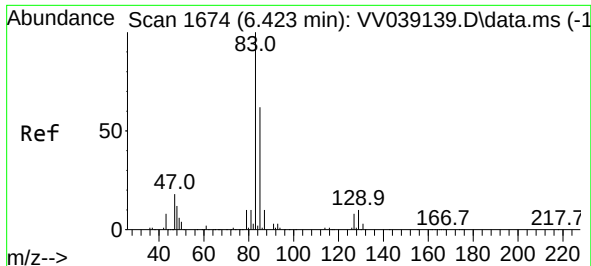
Ion Ratio Lower Upper

93 100

95 82.8 65.5 98.3

174 90.5 69.0 103.4

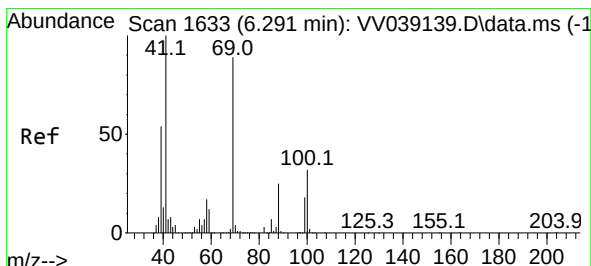
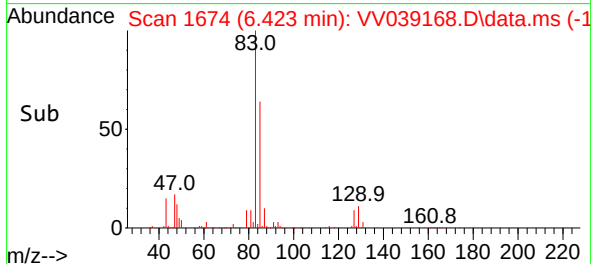
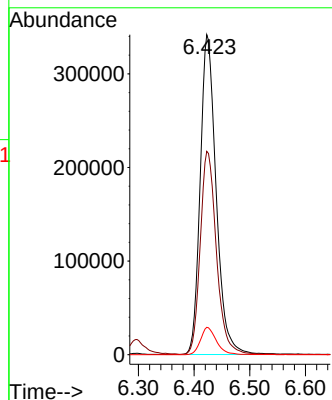
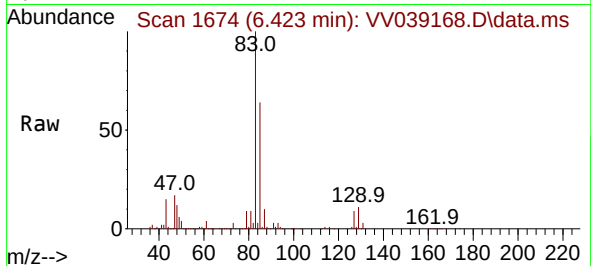




#47
Bromodichloromethane
Concen: 46.843 ug/l
RT: 6.423 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

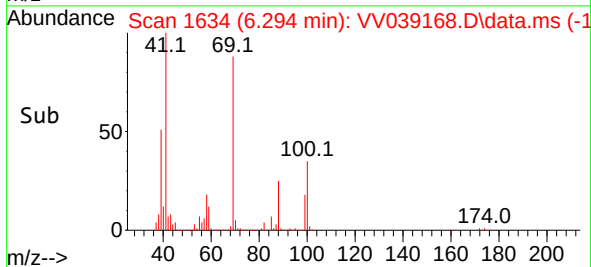
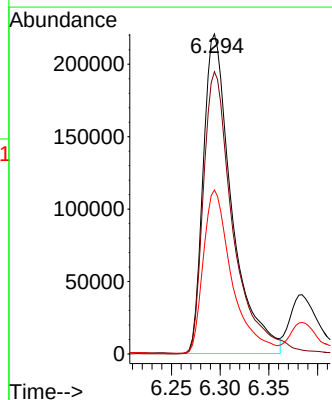
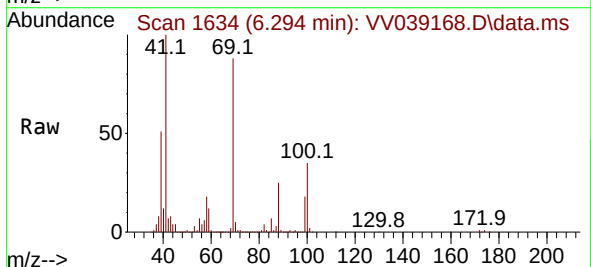
Instrument :
MSVOA_V
ClientSampleId :

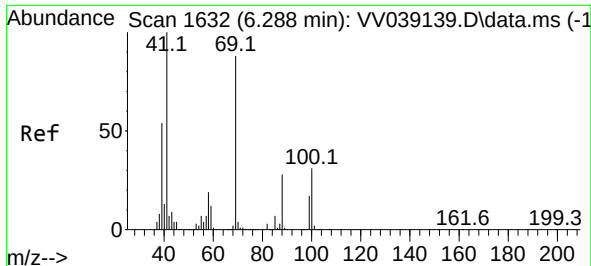
Tgt Ion: 83 Resp: 680557
Ion Ratio Lower Upper
83 100
85 63.5 49.7 74.5
127 8.6 6.6 9.8



#48
Methyl methacrylate
Concen: 52.825 ug/l
RT: 6.294 min Scan# 1634
Delta R.T. 0.003 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

Tgt Ion: 41 Resp: 449431
Ion Ratio Lower Upper
41 100
69 92.6 72.4 108.6
39 51.0 42.5 63.7





#49

1,4-Dioxane

Concen: 1135.751 ug/l

RT: 6.291 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039168.D

Acq: 25 Sep 2025 09:59

Instrument :

MSVOA_V

ClientSampleId :

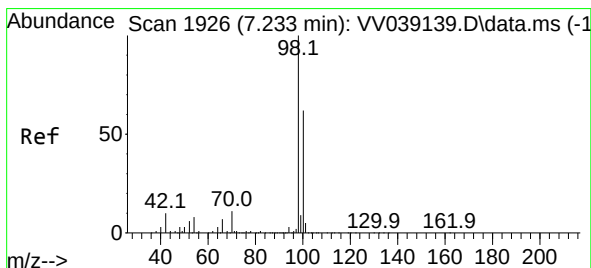
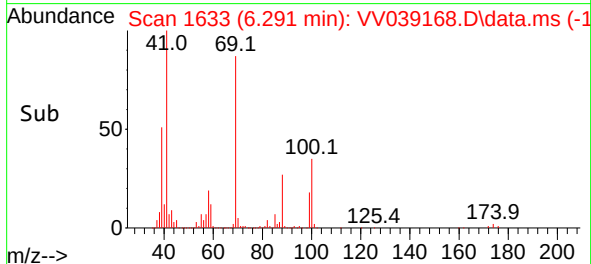
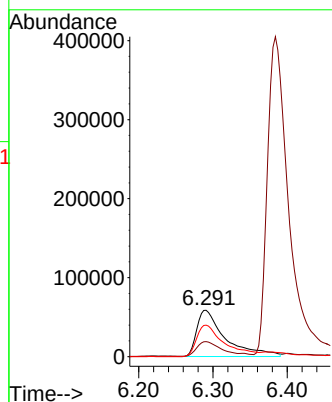
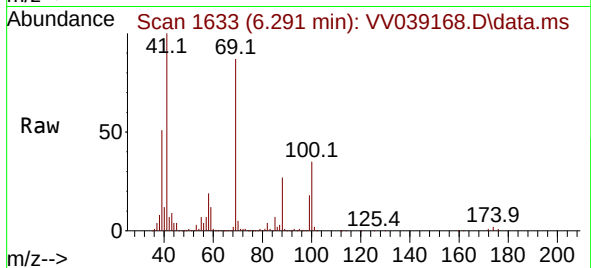
Tgt Ion: 88 Resp: 155938

Ion Ratio Lower Upper

88 100

43 27.0 25.1 37.7

58 66.4 53.6 80.4



#50

Toluene-d8

Concen: 47.485 ug/l

RT: 7.233 min Scan# 1926

Delta R.T. -0.000 min

Lab File: VV039168.D

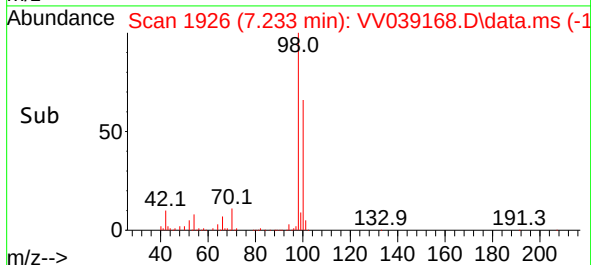
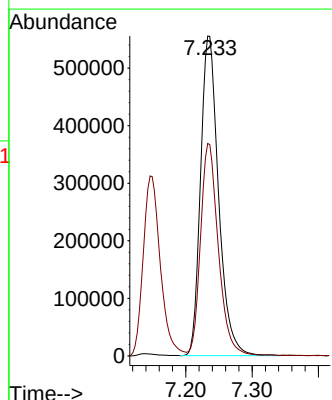
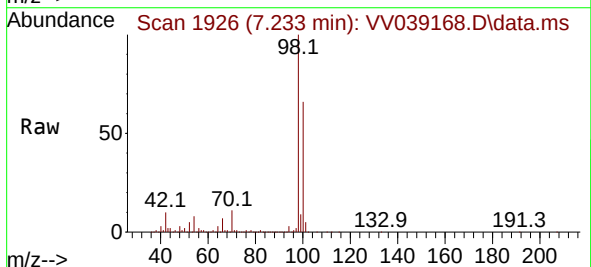
Acq: 25 Sep 2025 09:59

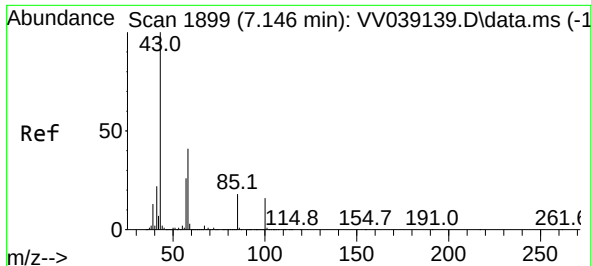
Tgt Ion: 98 Resp: 1046447

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 265.177 ug/l

RT: 7.146 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VV039168.D

Acq: 25 Sep 2025 09:59

Instrument :

MSVOA_V

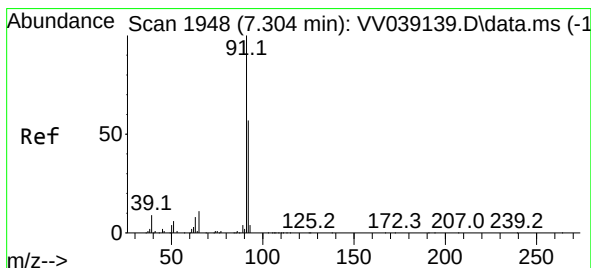
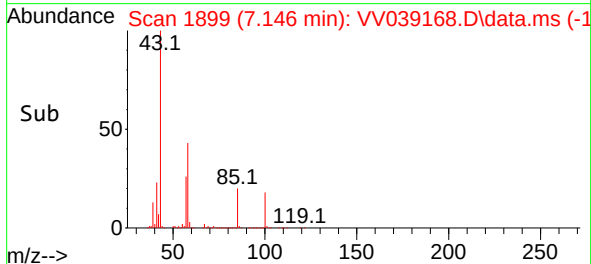
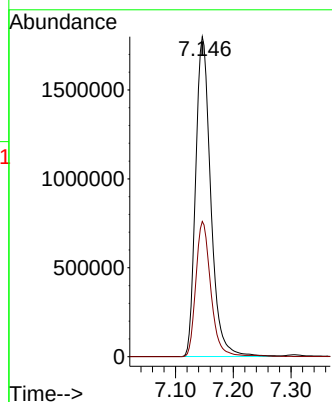
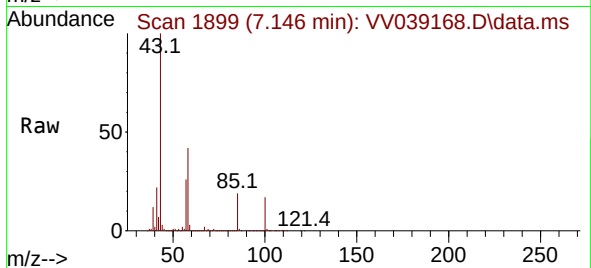
ClientSampleId :

Tgt Ion: 43 Resp: 3274291

Ion Ratio Lower Upper

43 100

58 41.6 32.3 48.5



#52

Toluene

Concen: 52.474 ug/l

RT: 7.307 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV039168.D

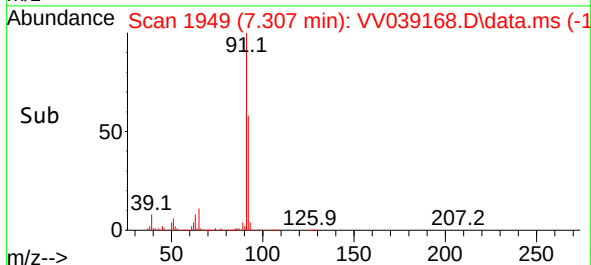
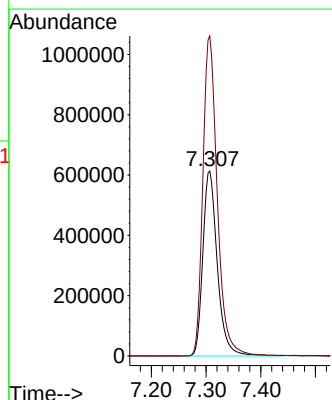
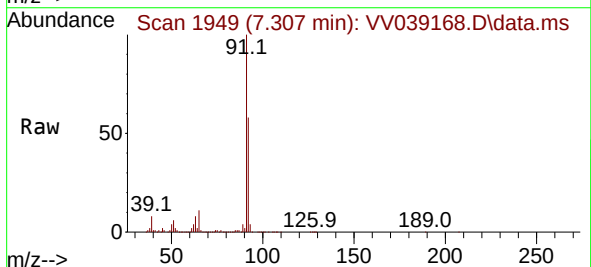
Acq: 25 Sep 2025 09:59

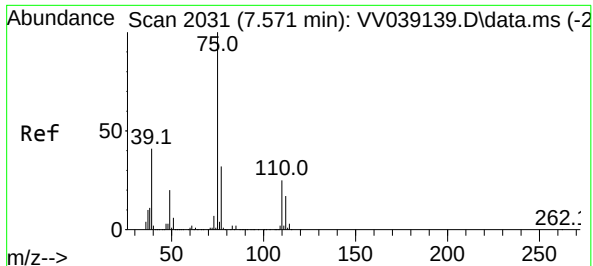
Tgt Ion: 92 Resp: 1123906

Ion Ratio Lower Upper

92 100

91 173.1 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 52.243 ug/l

RT: 7.571 min Scan# 2031

Delta R.T. -0.000 min

Lab File: VV039168.D

Acq: 25 Sep 2025 09:59

Instrument :

MSVOA_V

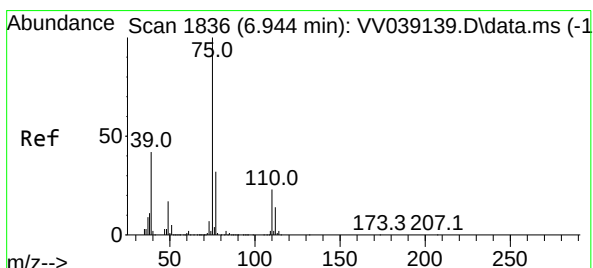
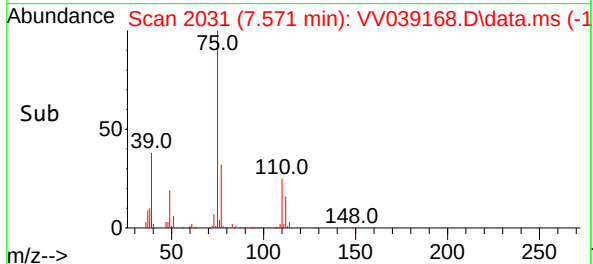
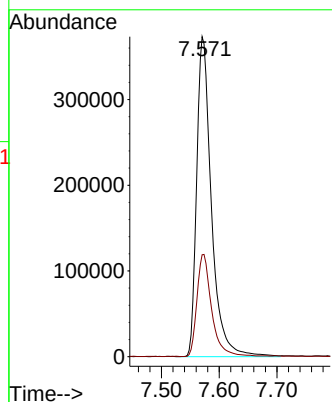
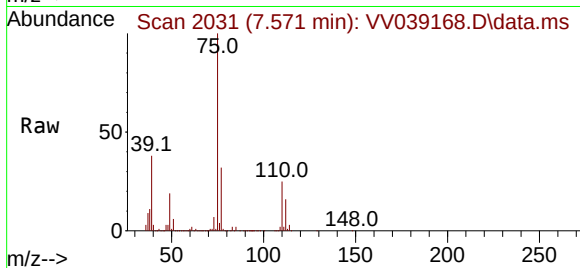
ClientSampleId :

Tgt Ion: 75 Resp: 661472

Ion Ratio Lower Upper

75 100

77 31.8 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 52.312 ug/l

RT: 6.944 min Scan# 1836

Delta R.T. -0.000 min

Lab File: VV039168.D

Acq: 25 Sep 2025 09:59

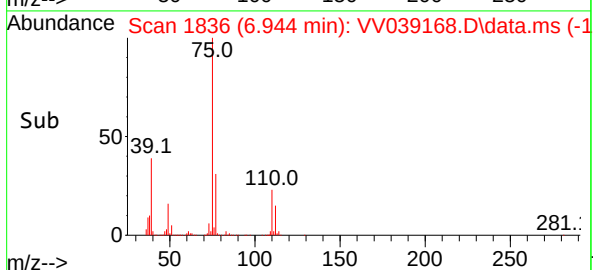
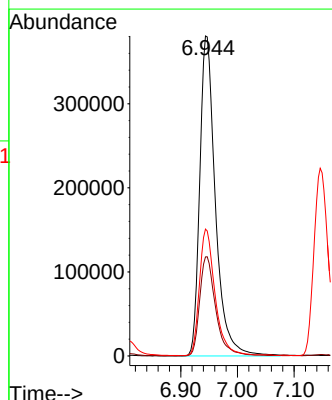
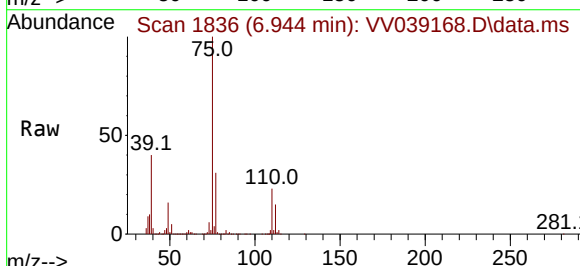
Tgt Ion: 75 Resp: 731190

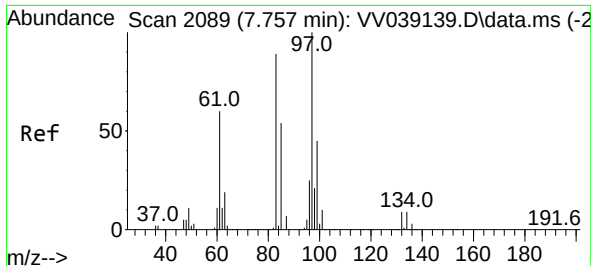
Ion Ratio Lower Upper

75 100

77 30.8 25.5 38.3

39 39.6 33.8 50.6

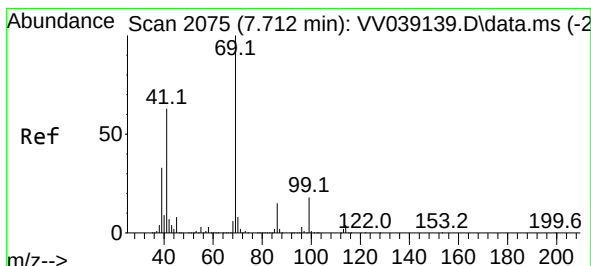
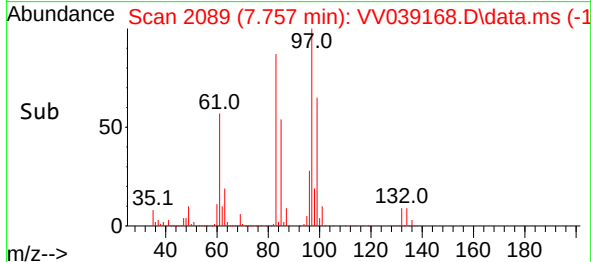
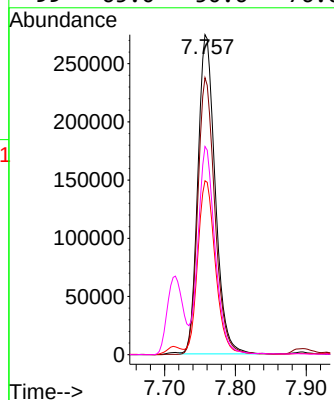
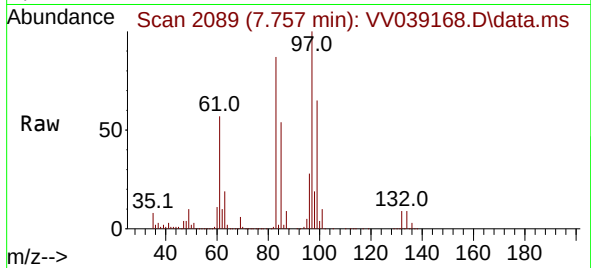




#55
1,1,2-Trichloroethane
Concen: 48.443 ug/l
RT: 7.757 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

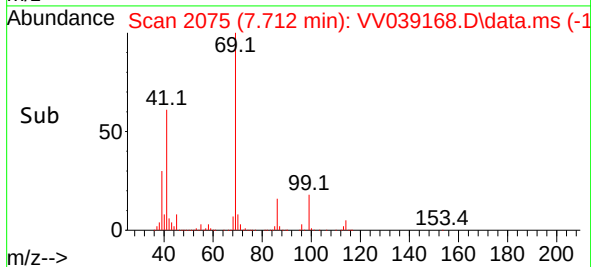
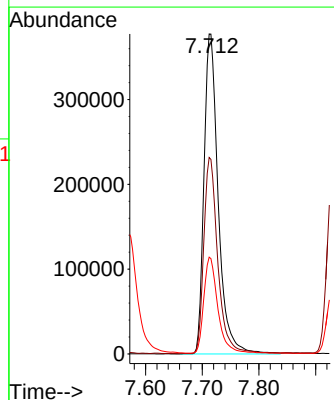
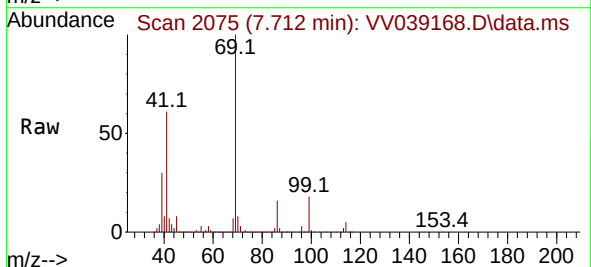
Instrument :
MSVOA_V
ClientSampleId :

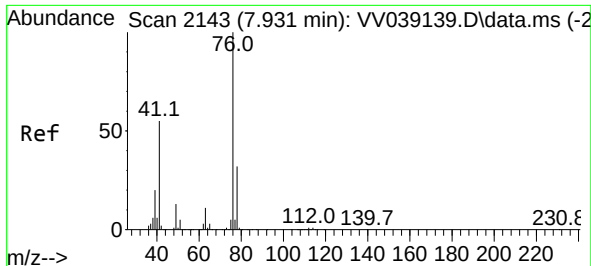
Tgt Ion:	97	Resp:	465236
Ion	Ratio	Lower	Upper
97	100		
83	86.6	71.1	106.7
85	54.3	44.6	67.0
99	65.0	50.6	76.0



#56
Ethyl methacrylate
Concen: 57.707 ug/l
RT: 7.712 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

Tgt Ion:	69	Resp:	658147
Ion	Ratio	Lower	Upper
69	100		
41	59.9	50.7	76.1
39	29.6	26.0	39.0





#57

1,3-Dichloropropane

Concen: 49.373 ug/l

RT: 7.931 min Scan# 2143

Delta R.T. -0.000 min

Lab File: VV039168.D

Acq: 25 Sep 2025 09:59

Instrument :

MSVOA_V

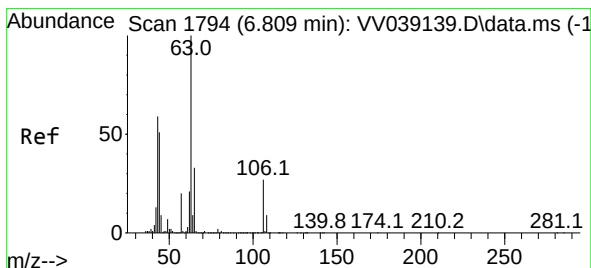
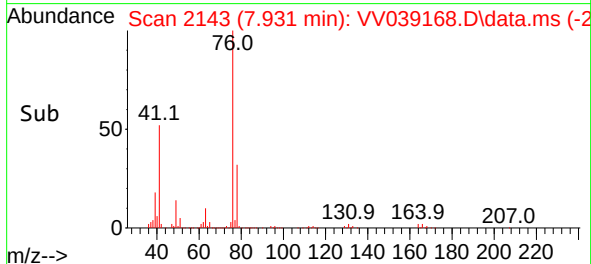
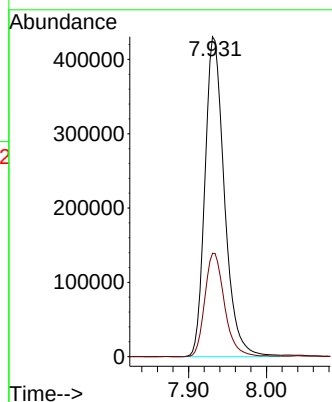
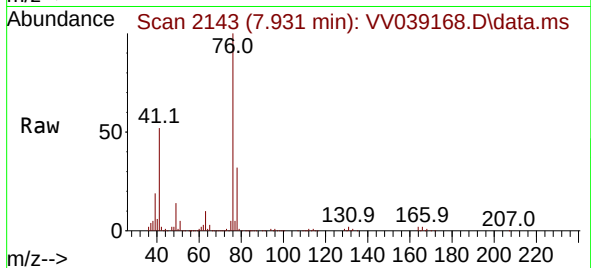
ClientSampleId :

Tgt Ion: 76 Resp: 748312

Ion Ratio Lower Upper

76 100

78 32.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 257.039 ug/l

RT: 6.808 min Scan# 1794

Delta R.T. -0.001 min

Lab File: VV039168.D

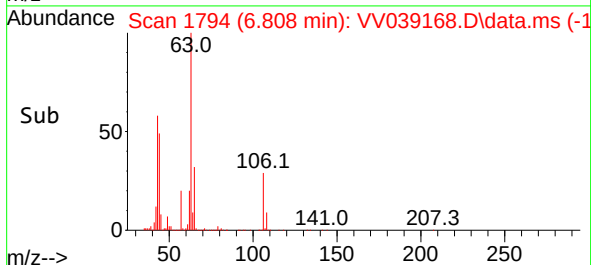
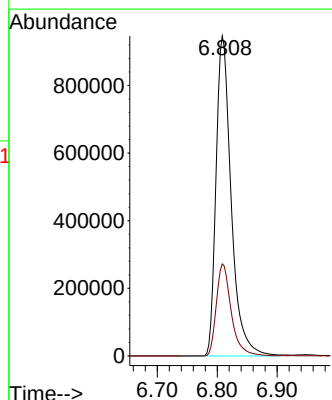
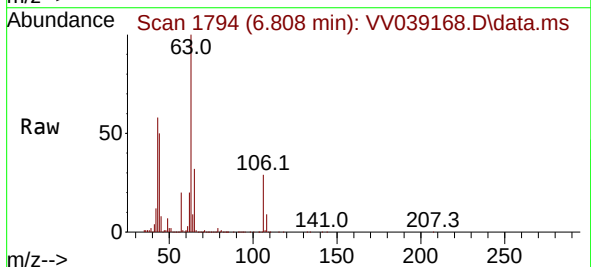
Acq: 25 Sep 2025 09:59

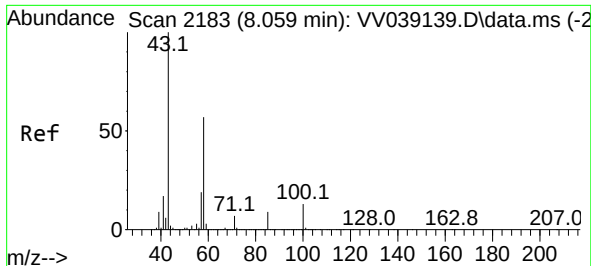
Tgt Ion: 63 Resp: 1657102

Ion Ratio Lower Upper

63 100

106 28.3 22.1 33.1

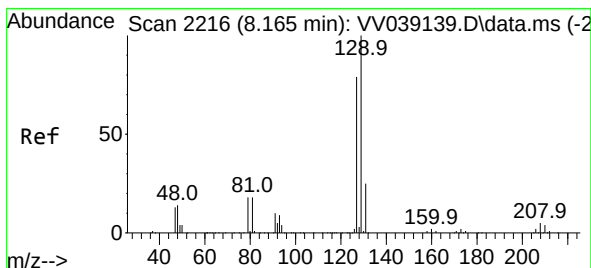
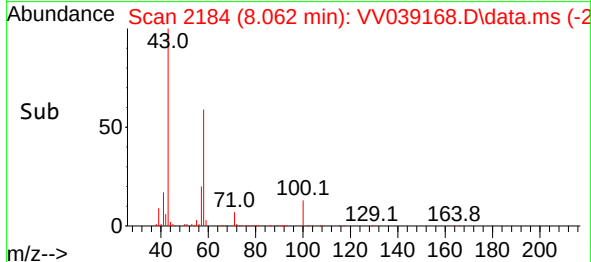
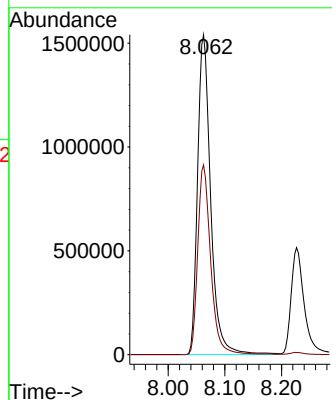
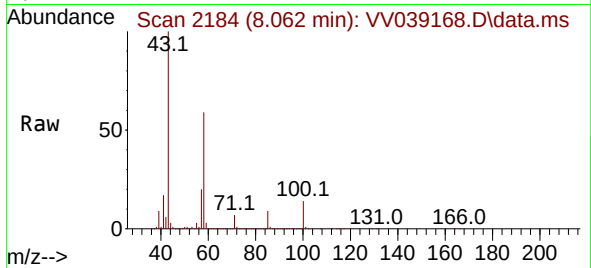




#59
2-Hexanone
Concen: 247.438 ug/l
RT: 8.062 min Scan# 2184
Delta R.T. 0.003 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

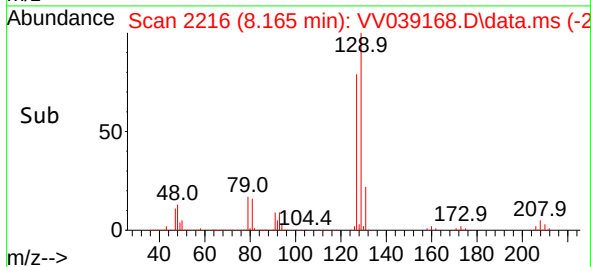
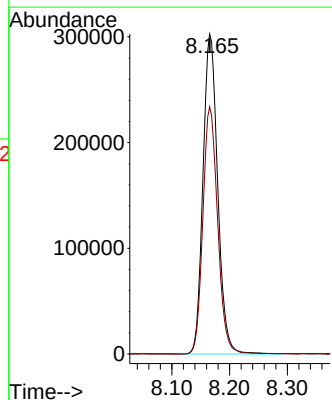
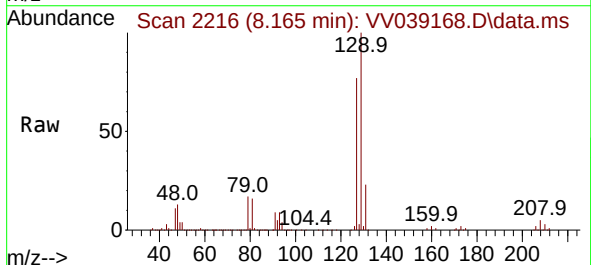
Instrument :
MSVOA_V
ClientSampleId :

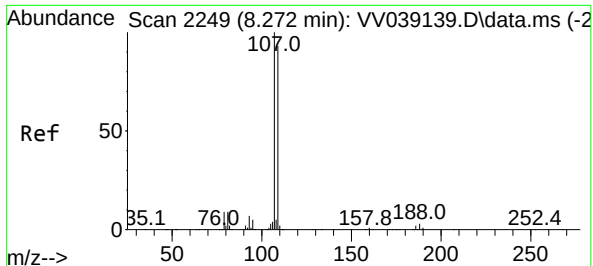
Tgt Ion: 43 Resp: 2465950
Ion Ratio Lower Upper
43 100
58 58.6 28.3 85.0



#60
Dibromochloromethane
Concen: 48.938 ug/l
RT: 8.165 min Scan# 2216
Delta R.T. -0.000 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

Tgt Ion: 129 Resp: 535532
Ion Ratio Lower Upper
129 100
127 77.6 39.3 117.9





#61

1,2-Dibromoethane

Concen: 50.719 ug/l

RT: 8.271 min Scan# 2249

Delta R.T. -0.000 min

Lab File: VV039168.D

Acq: 25 Sep 2025 09:59

Instrument :

MSVOA_V

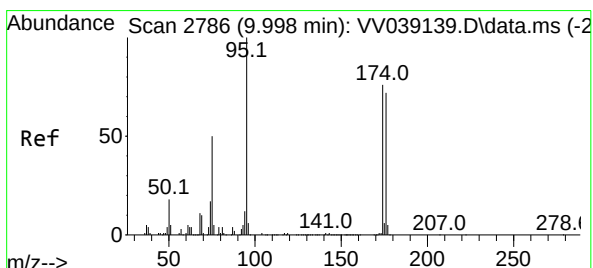
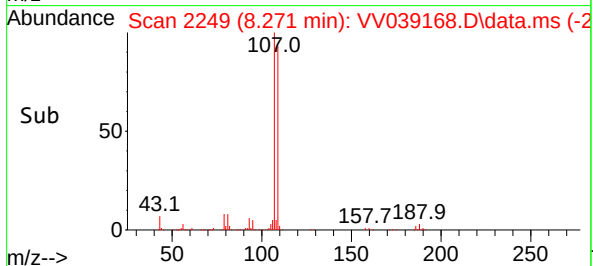
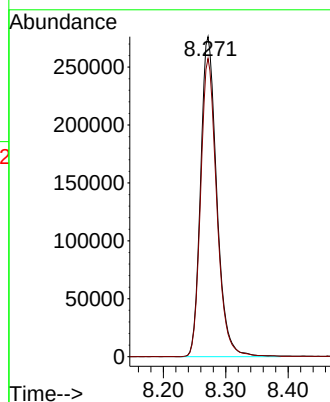
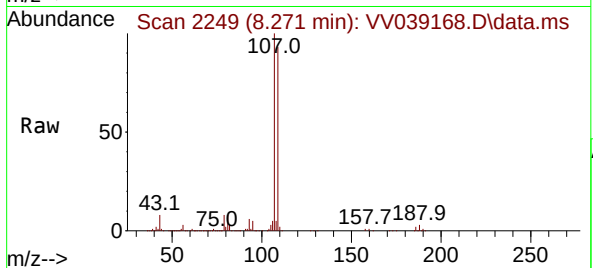
ClientSampleId :

Tgt Ion:107 Resp: 498142

Ion Ratio Lower Upper

107 100

109 93.0 74.6 112.0



#62

4-Bromofluorobenzene

Concen: 52.218 ug/l

RT: 9.998 min Scan# 2786

Delta R.T. -0.000 min

Lab File: VV039168.D

Acq: 25 Sep 2025 09:59

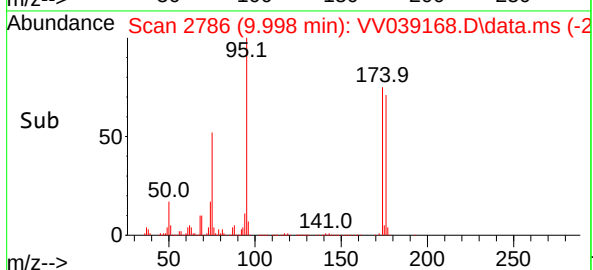
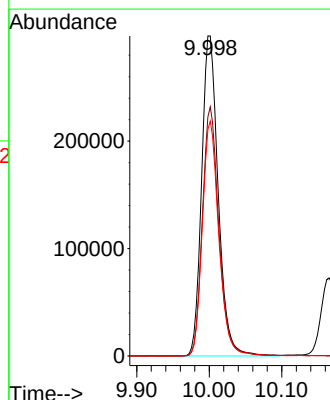
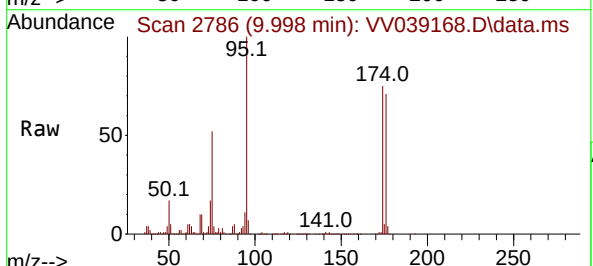
Tgt Ion: 95 Resp: 473731

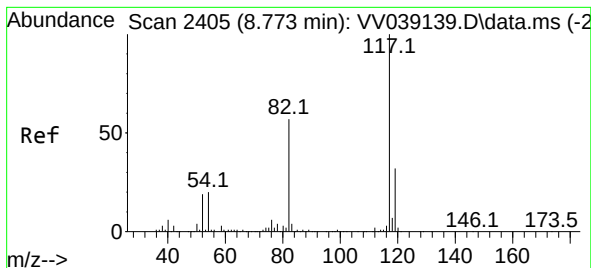
Ion Ratio Lower Upper

95 100

174 77.3 0.0 150.4

176 72.7 0.0 144.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.773 min Scan# 2405

Delta R.T. 0.000 min

Lab File: VV039168.D

Acq: 25 Sep 2025 09:59

Instrument :

MSVOA_V

ClientSampleId :

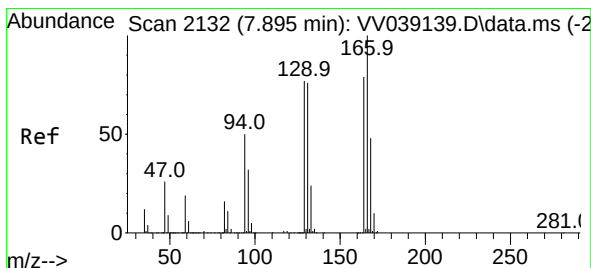
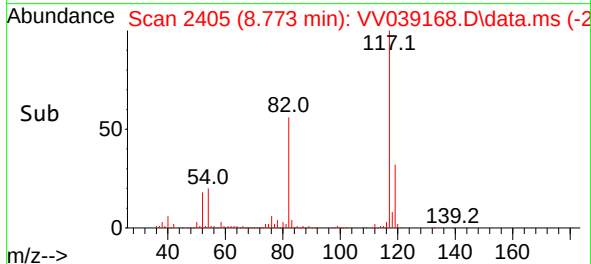
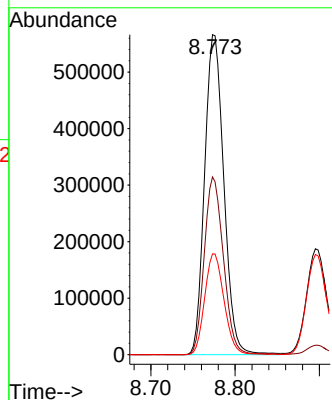
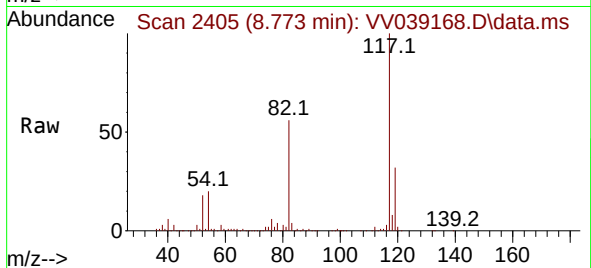
Tgt Ion:117 Resp: 901987

Ion Ratio Lower Upper

117 100

82 55.5 45.4 68.2

119 31.5 25.6 38.4



#64

Tetrachloroethene

Concen: 49.857 ug/l

RT: 7.895 min Scan# 2132

Delta R.T. -0.000 min

Lab File: VV039168.D

Acq: 25 Sep 2025 09:59

Tgt Ion:164 Resp: 376666

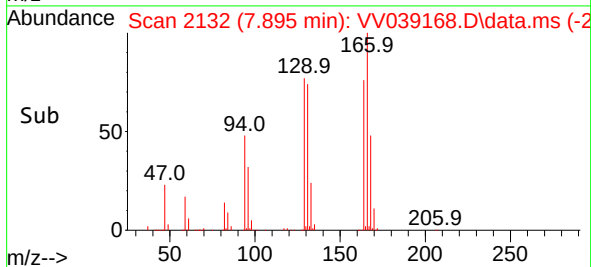
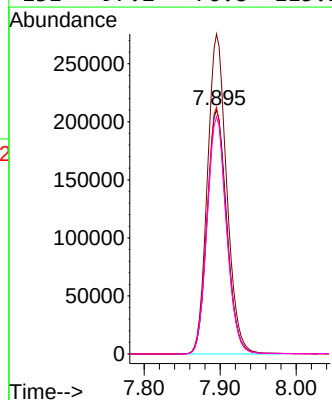
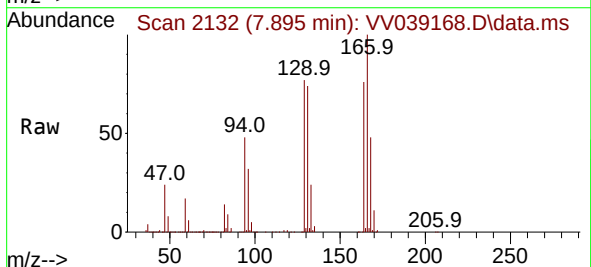
Ion Ratio Lower Upper

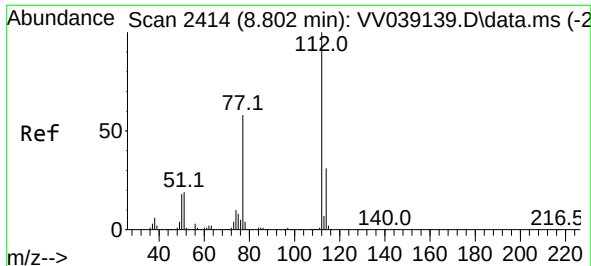
164 100

166 131.1 101.6 152.4

129 101.0 78.5 117.7

131 97.2 76.8 115.2

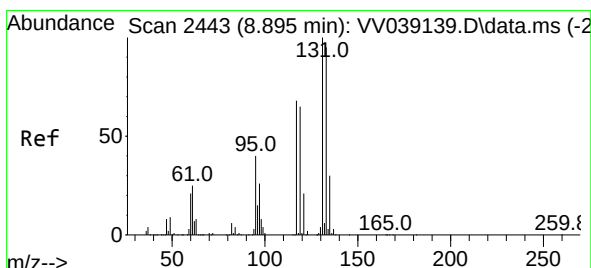
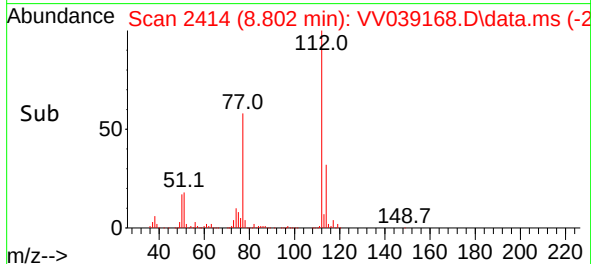
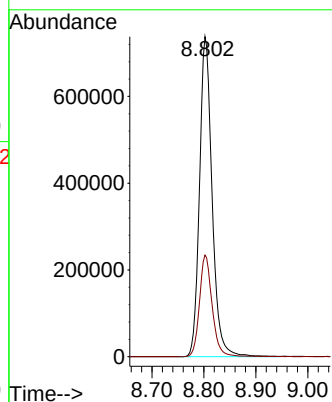
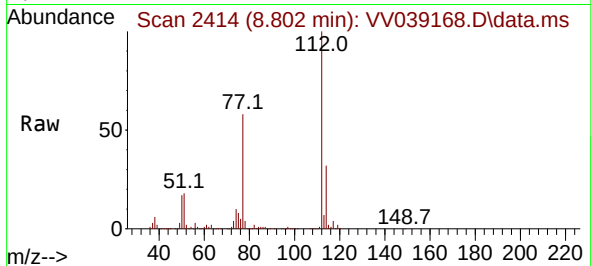




#65
Chlorobenzene
Concen: 49.450 ug/l
RT: 8.802 min Scan# 2414
Delta R.T. -0.000 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

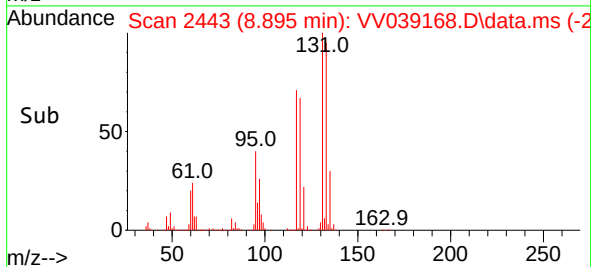
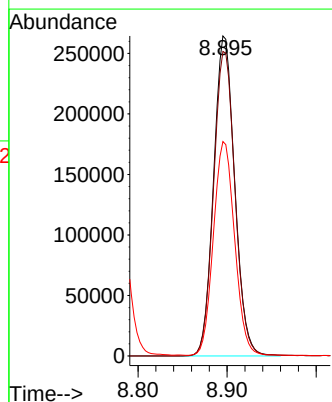
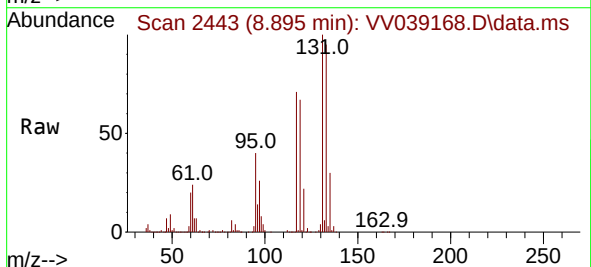
Instrument :
MSVOA_V
ClientSampleId :

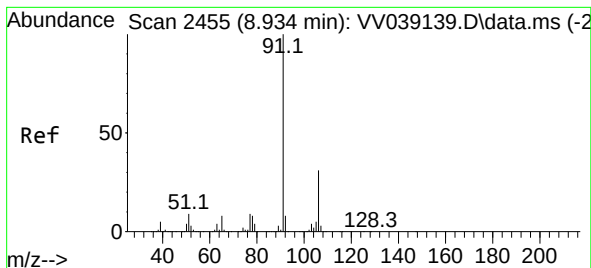
Tgt Ion:112 Resp: 1242390
Ion Ratio Lower Upper
112 100
114 31.8 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 47.975 ug/l
RT: 8.895 min Scan# 2443
Delta R.T. -0.000 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

Tgt Ion:131 Resp: 435516
Ion Ratio Lower Upper
131 100
133 96.7 47.3 141.8
119 67.3 33.3 99.8





#67

Ethyl Benzene

Concen: 55.024 ug/l

RT: 8.934 min Scan# 2455

Delta R.T. -0.000 min

Lab File: VV039168.D

Acq: 25 Sep 2025 09:59

Instrument :

MSVOA_V

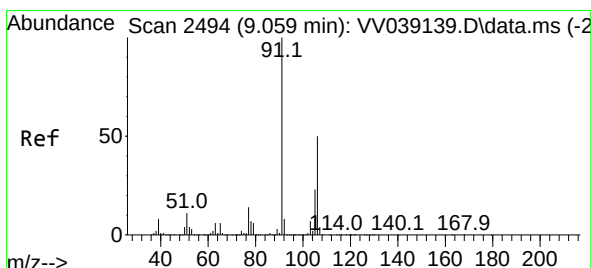
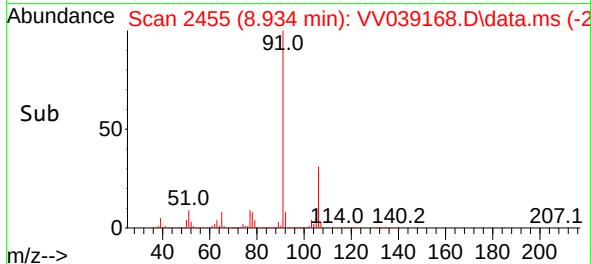
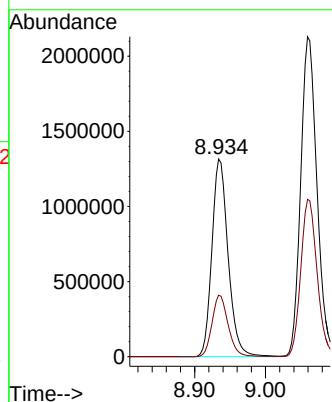
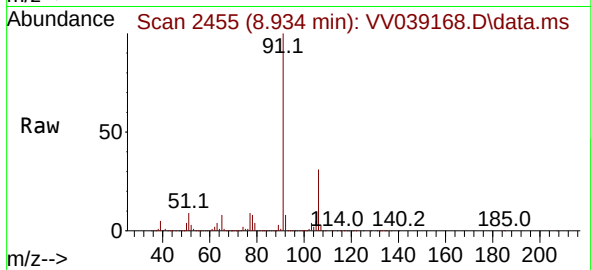
ClientSampleId :

Tgt Ion: 91 Resp: 2092639

Ion Ratio Lower Upper

91 100

106 31.1 24.6 37.0



#68

m/p-Xylenes

Concen: 115.018 ug/l

RT: 9.059 min Scan# 2494

Delta R.T. 0.000 min

Lab File: VV039168.D

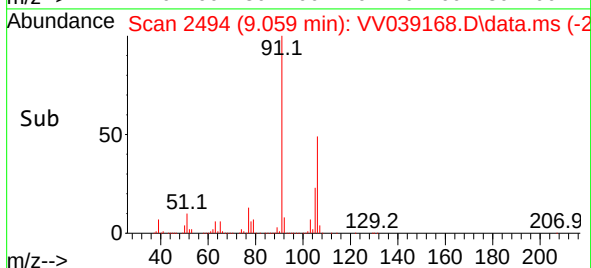
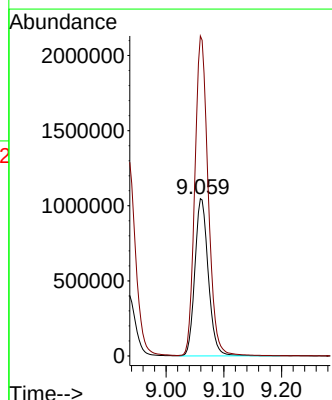
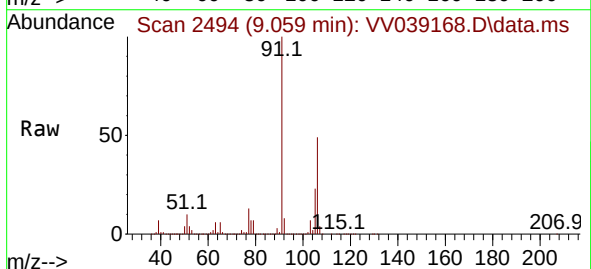
Acq: 25 Sep 2025 09:59

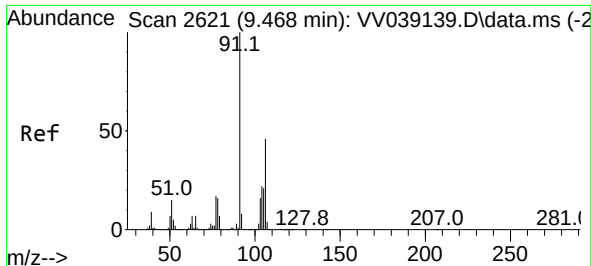
Tgt Ion:106 Resp: 1688294

Ion Ratio Lower Upper

106 100

91 202.3 162.5 243.7

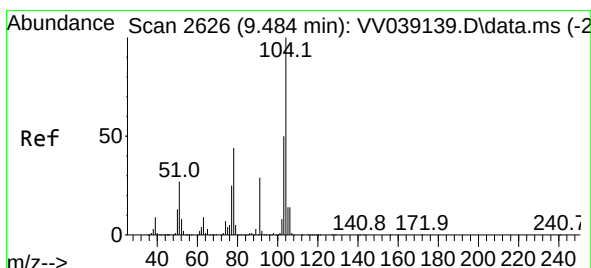
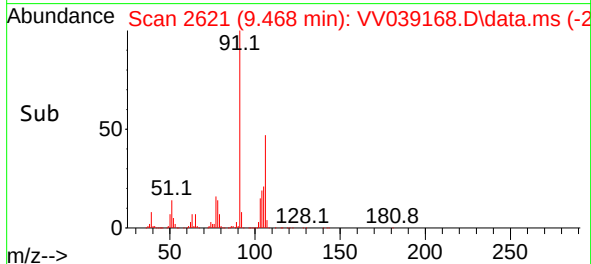
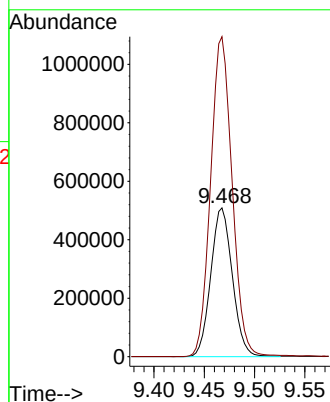
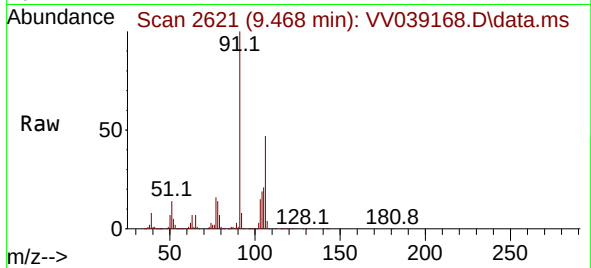




#69
o-Xylene
Concen: 58.347 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. -0.000 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

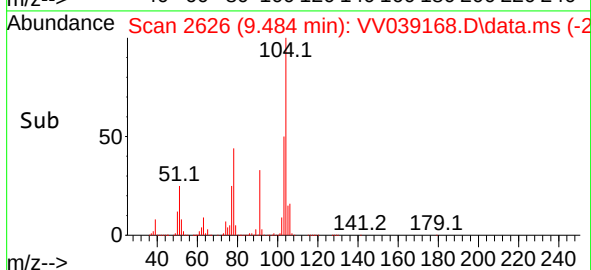
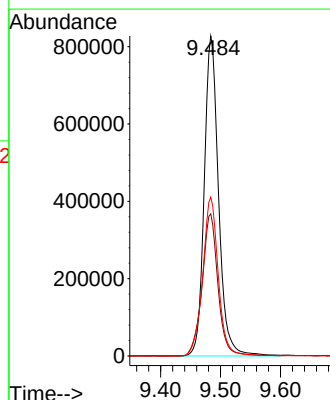
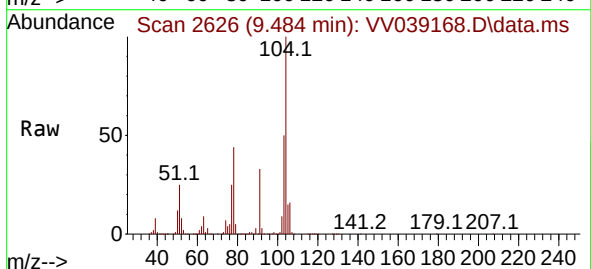
Instrument :
MSVOA_V
ClientSampleId :

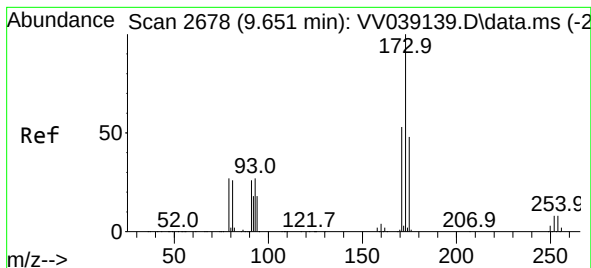
Tgt Ion:106 Resp: 758328
Ion Ratio Lower Upper
106 100
91 215.3 109.1 327.3



#70
Styrene
Concen: 50.114 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

Tgt Ion:104 Resp: 1379790
Ion Ratio Lower Upper
104 100
78 49.1 39.8 59.6
103 53.9 43.4 65.2





#71

Bromoform

Concen: 51.118 ug/l

RT: 9.651 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV039168.D

Acq: 25 Sep 2025 09:59

Instrument :

MSVOA_V

ClientSampleId :

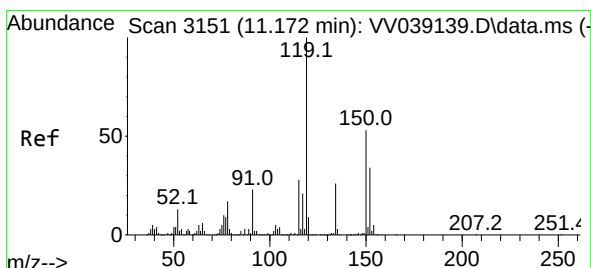
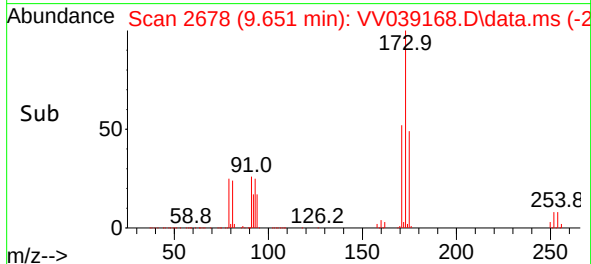
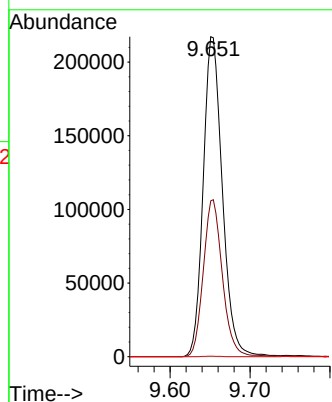
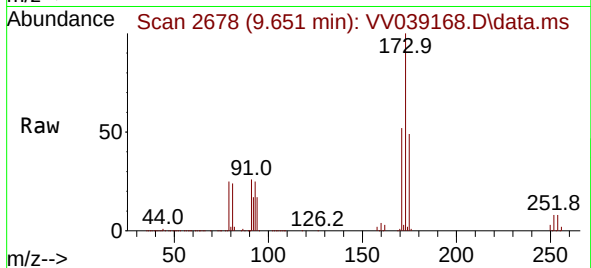
Tgt Ion:173 Resp: 362481

Ion Ratio Lower Upper

173 100

175 48.8 23.9 71.7

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VV039168.D

Acq: 25 Sep 2025 09:59

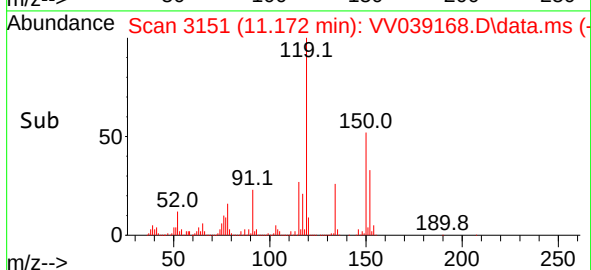
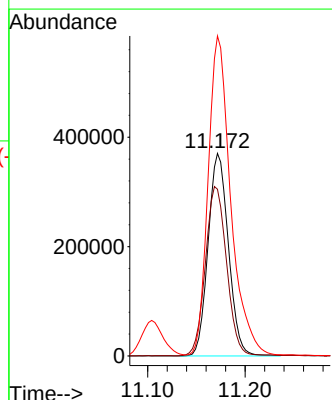
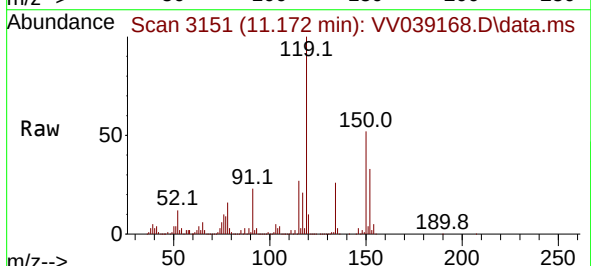
Tgt Ion:152 Resp: 535710

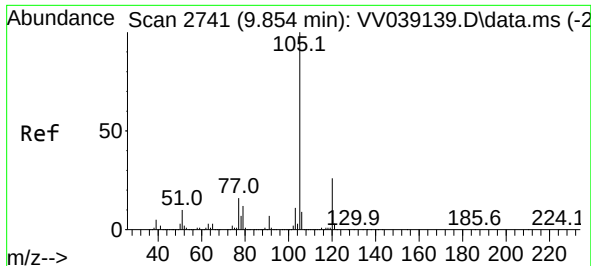
Ion Ratio Lower Upper

152 100

115 87.4 44.8 134.4

150 176.8 0.0 353.8

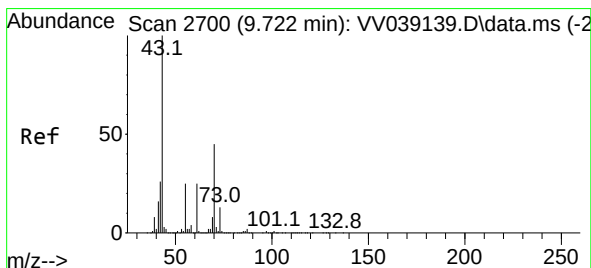
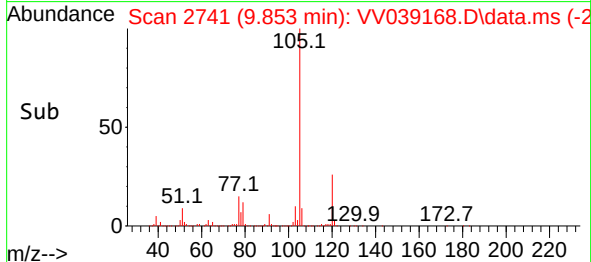
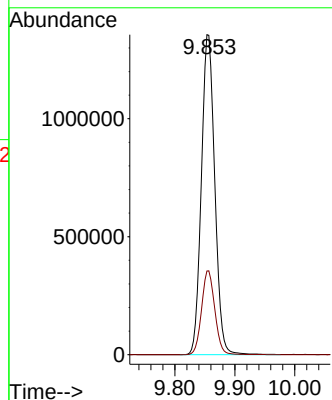
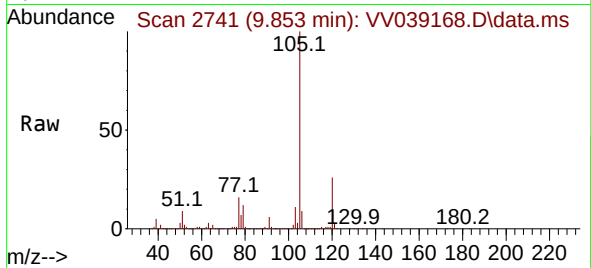




#73
Isopropylbenzene
Concen: 54.407 ug/l
RT: 9.853 min Scan# 2113988
Delta R.T. -0.000 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

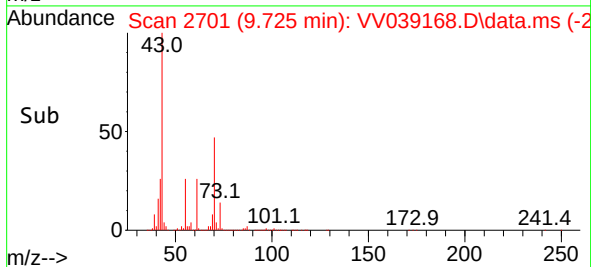
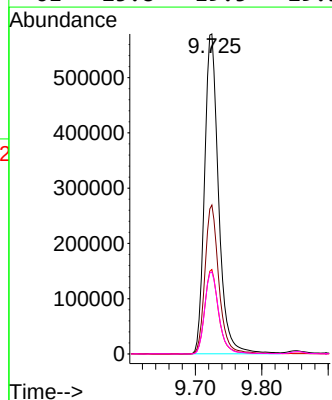
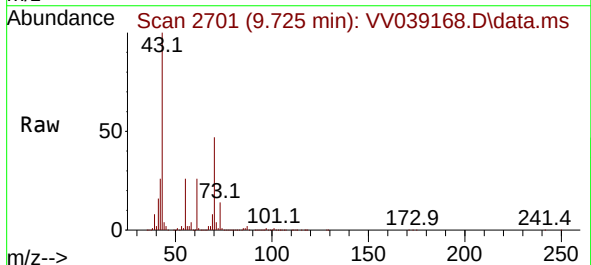
Instrument :
MSVOA_V
ClientSampleId :

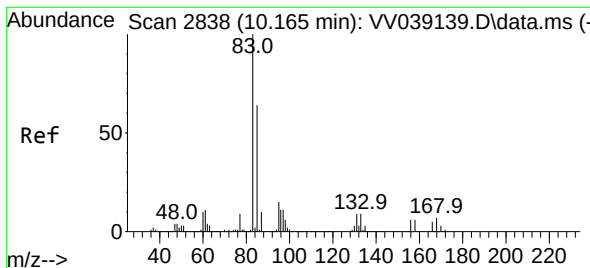
Tgt Ion:105 Resp: 2113988
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.1



#74
N-ethyl acetate
Concen: 55.064 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.003 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

Tgt Ion: 43 Resp: 853417
Ion Ratio Lower Upper
43 100
70 46.2 35.4 53.0
55 26.1 20.6 30.8
61 25.8 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 43.928 ug/l

RT: 10.165 min Scan# 2838

Delta R.T. -0.000 min

Lab File: VV039168.D

Acq: 25 Sep 2025 09:59

Instrument :

MSVOA_V

ClientSampleId :

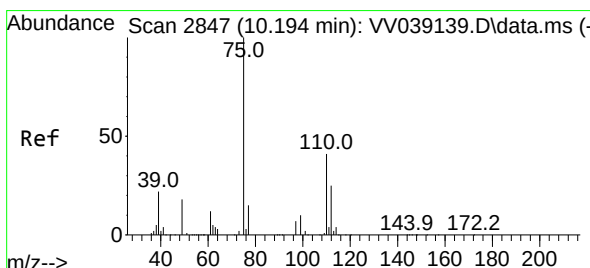
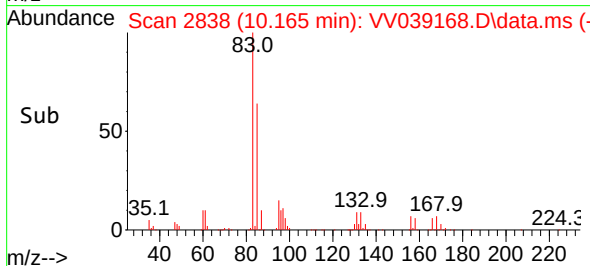
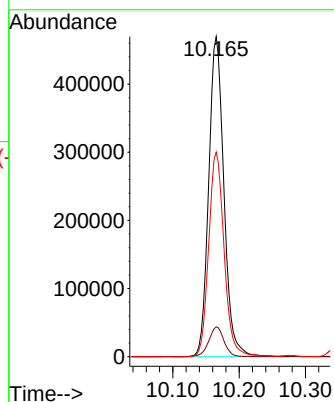
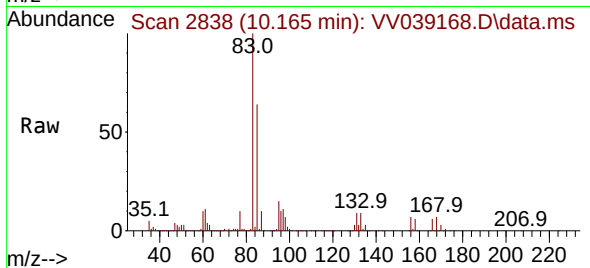
Tgt Ion: 83 Resp: 747856

Ion Ratio Lower Upper

83 100

131 9.4 4.5 13.7

85 64.8 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 47.019 ug/l

RT: 10.197 min Scan# 2848

Delta R.T. 0.003 min

Lab File: VV039168.D

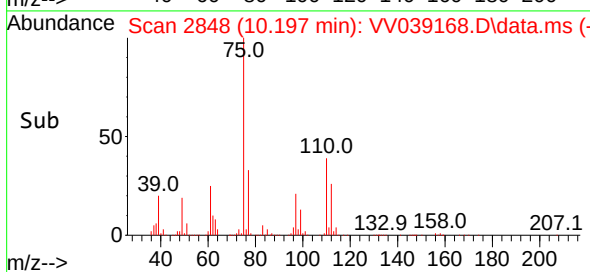
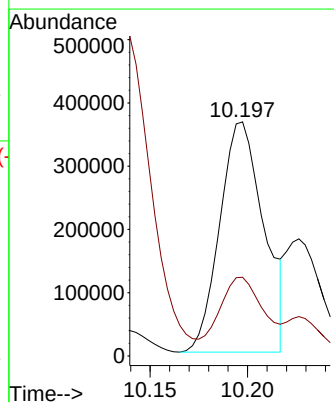
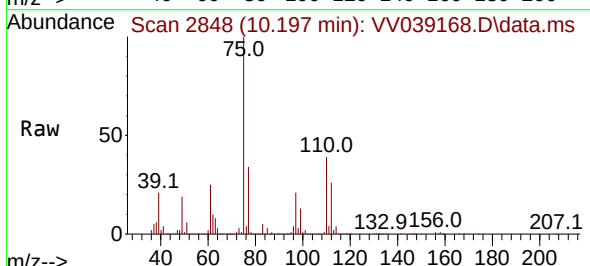
Acq: 25 Sep 2025 09:59

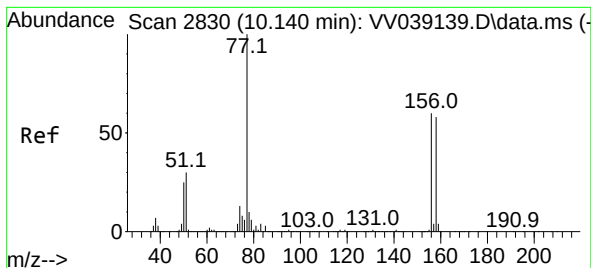
Tgt Ion: 75 Resp: 573502

Ion Ratio Lower Upper

75 100

77 23.4 11.3 33.8





#77

Bromobenzene

Concen: 49.357 ug/l

RT: 10.140 min Scan# 2830

Delta R.T. -0.000 min

Lab File: VV039168.D

Acq: 25 Sep 2025 09:59

Instrument :

MSVOA_V

ClientSampleId :

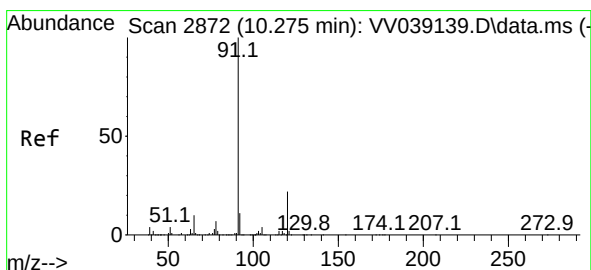
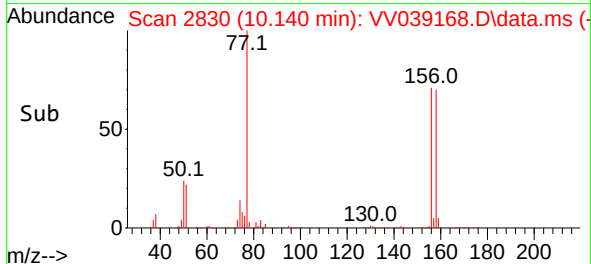
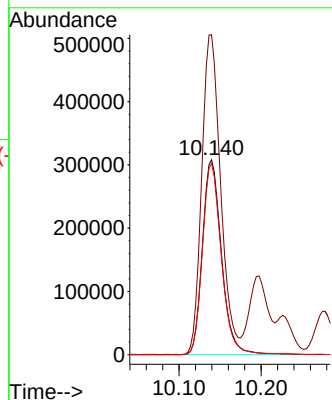
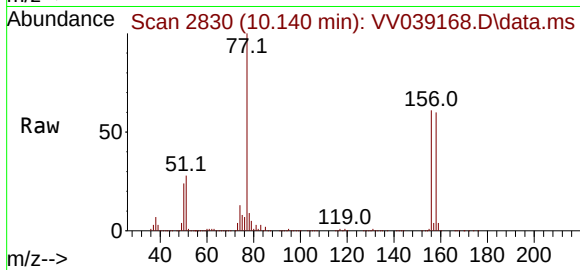
Tgt Ion:156 Resp: 497564

Ion Ratio Lower Upper

156 100

77 163.2 83.4 250.1

158 97.0 48.8 146.4



#78

n-propylbenzene

Concen: 53.995 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. 0.003 min

Lab File: VV039168.D

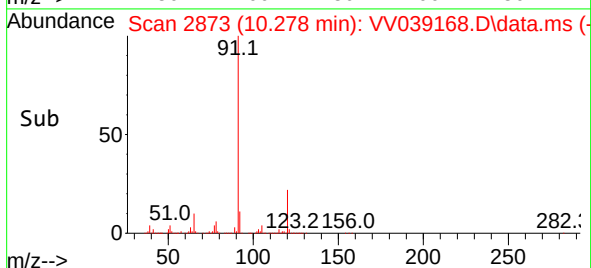
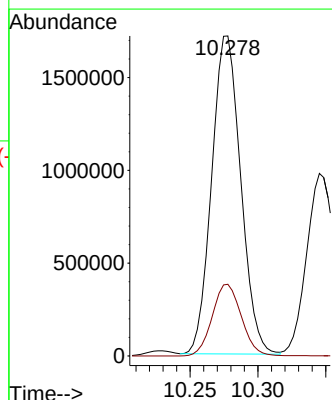
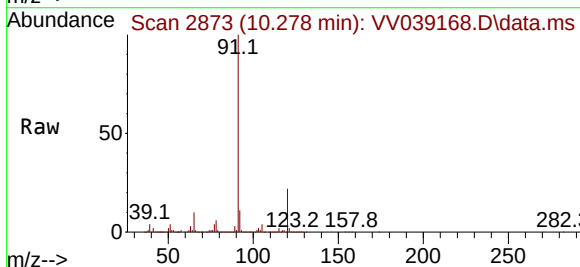
Acq: 25 Sep 2025 09:59

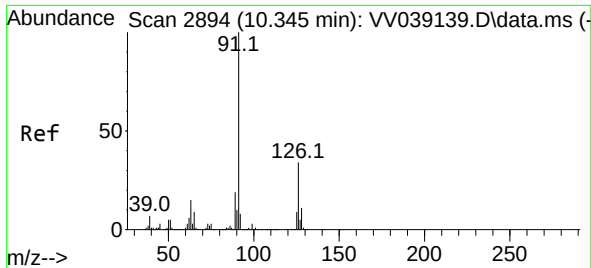
Tgt Ion: 91 Resp: 2554851

Ion Ratio Lower Upper

91 100

120 22.7 11.1 33.3

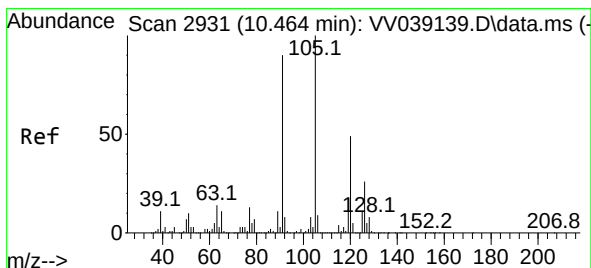
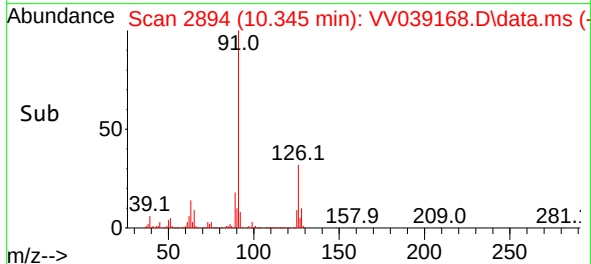
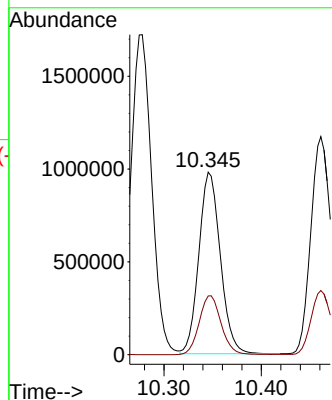
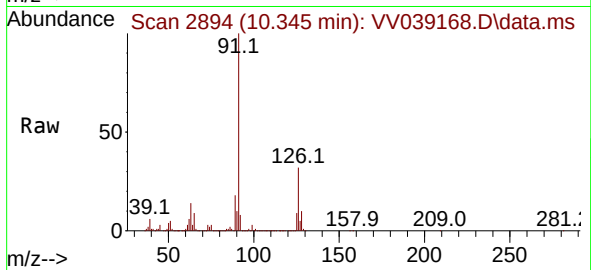




#79
2-Chlorotoluene
Concen: 52.939 ug/l
RT: 10.345 min Scan# 2894
Delta R.T. -0.000 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

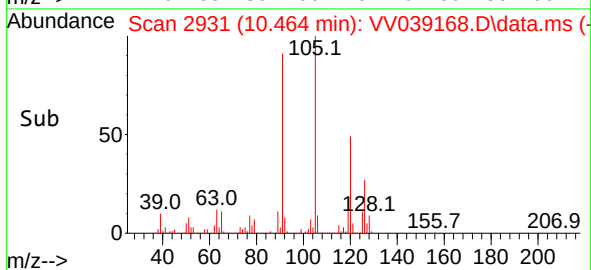
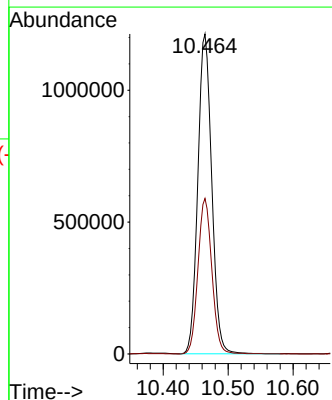
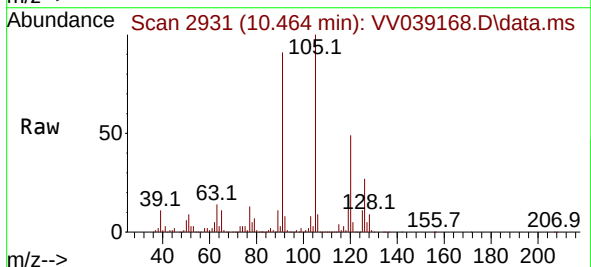
Instrument :
MSVOA_V
ClientSampleId :

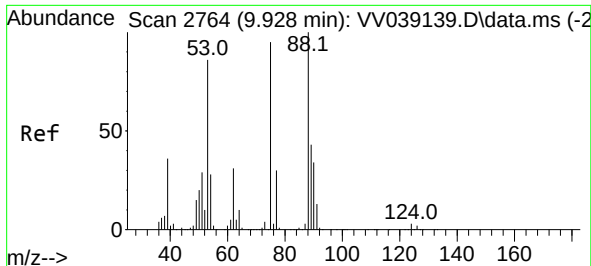
Tgt Ion: 91 Resp: 1498849
Ion Ratio Lower Upper
91 100
126 33.1 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 56.020 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. -0.000 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

Tgt Ion: 105 Resp: 1809221
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.8

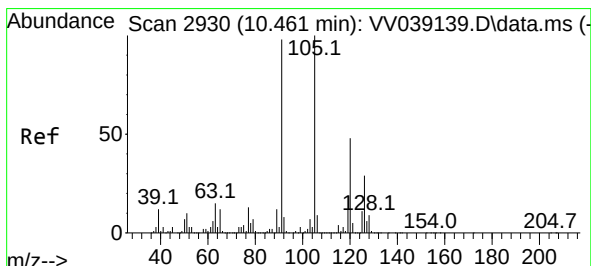
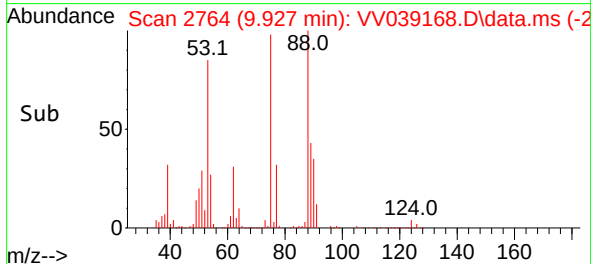
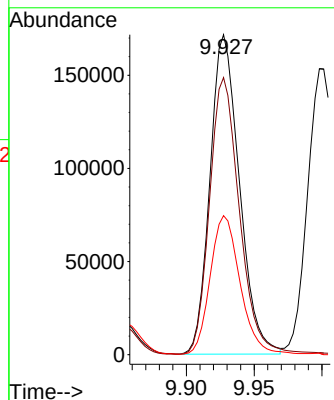
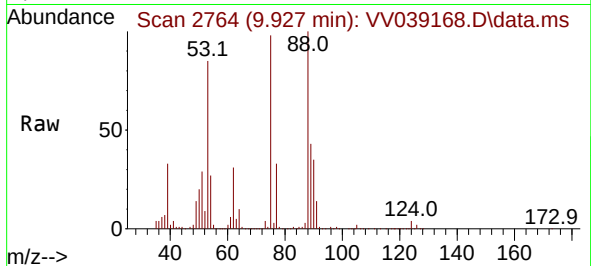




#81
trans-1,4-Dichloro-2-butene
Concen: 50.926 ug/l
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

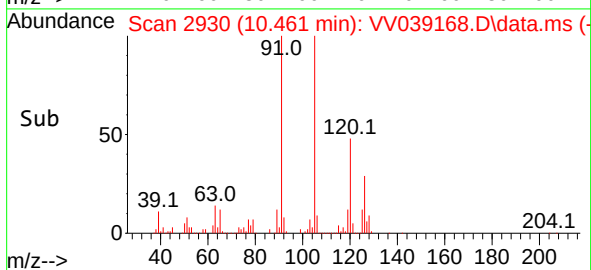
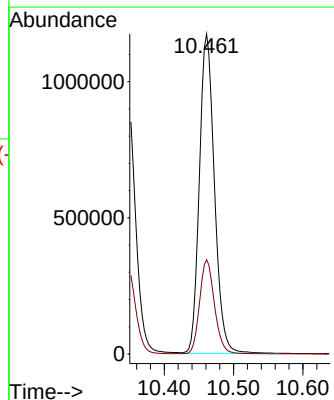
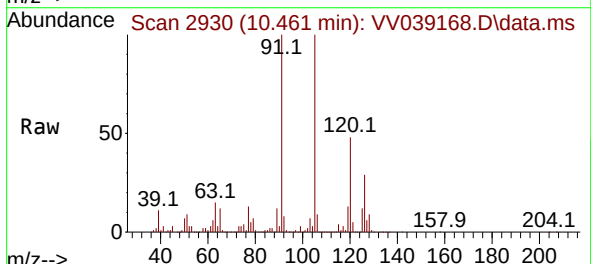
Instrument :
MSVOA_V
ClientSampleId :

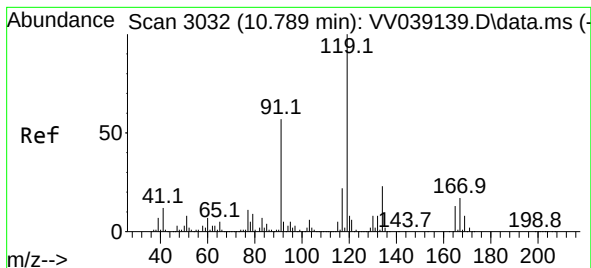
Tgt Ion: 75 Resp: 258743
Ion Ratio Lower Upper
75 100
53 88.1 72.5 108.7
89 43.9 37.2 55.8



#82
4-Chlorotoluene
Concen: 53.904 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. -0.000 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

Tgt Ion: 91 Resp: 1769699
Ion Ratio Lower Upper
91 100
126 28.8 14.5 43.6





#83

tert-Butylbenzene

Concen: 53.579 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV039168.D

Acq: 25 Sep 2025 09:59

Instrument :

MSVOA_V

ClientSampleId :

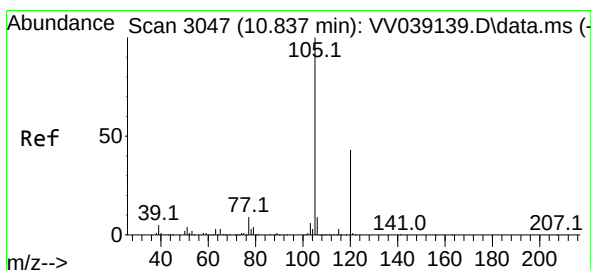
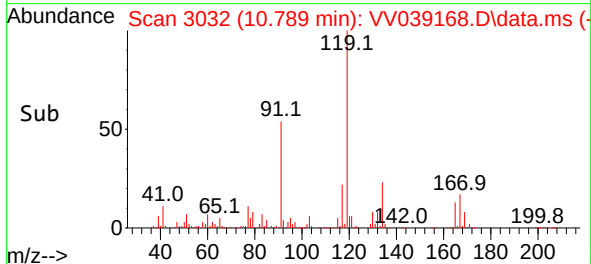
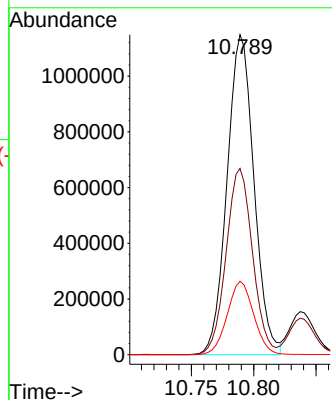
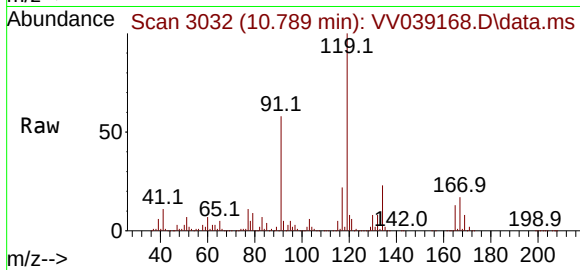
Tgt Ion:119 Resp: 1725454

Ion Ratio Lower Upper

119 100

91 57.2 28.5 85.6

134 22.7 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 56.693 ug/l

RT: 10.837 min Scan# 3047

Delta R.T. -0.000 min

Lab File: VV039168.D

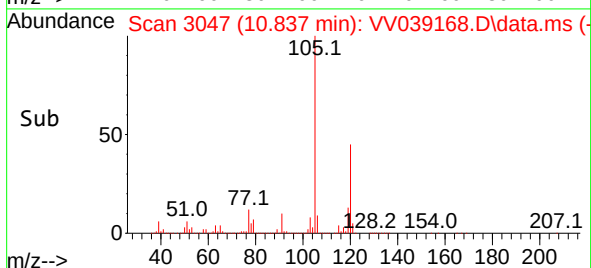
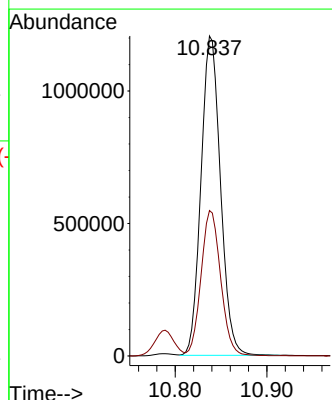
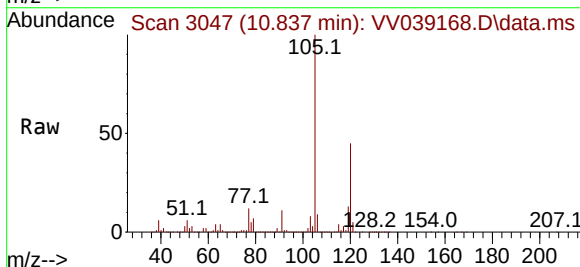
Acq: 25 Sep 2025 09:59

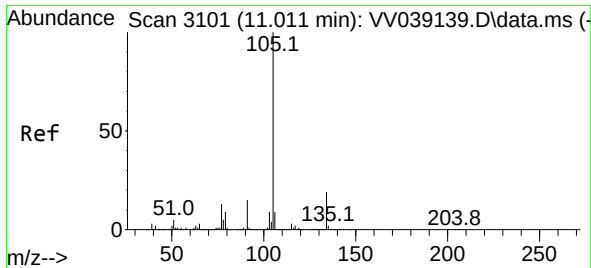
Tgt Ion:105 Resp: 1777572

Ion Ratio Lower Upper

105 100

120 45.9 22.4 67.2

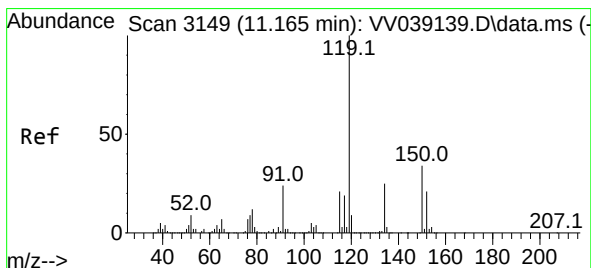
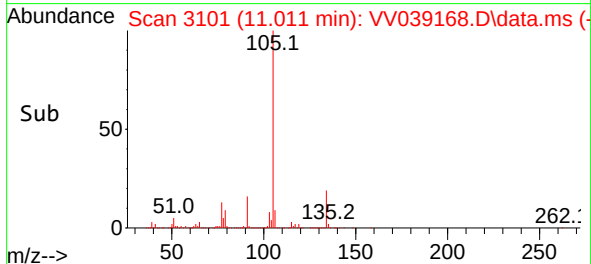
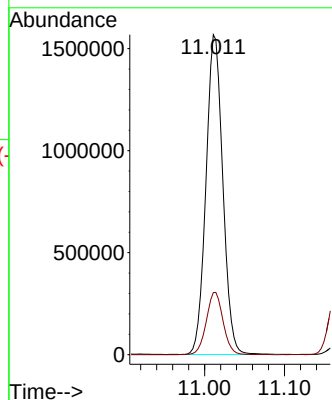
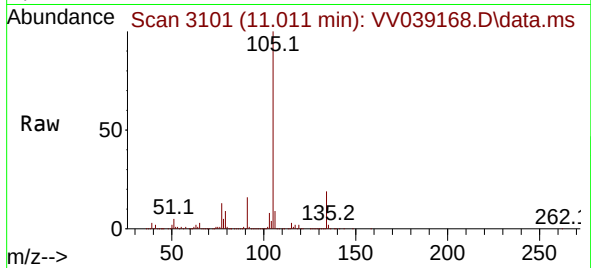




#85
 sec-Butylbenzene
 Concen: 53.713 ug/l
 RT: 11.011 min Scan# 3101
 Delta R.T. -0.000 min
 Lab File: VV039168.D
 Acq: 25 Sep 2025 09:59

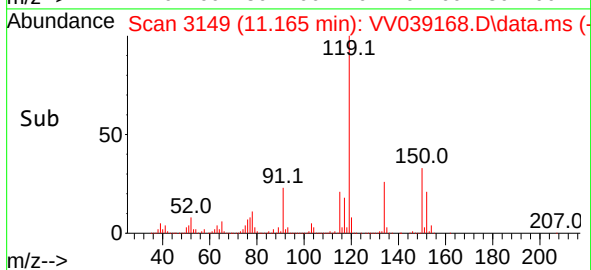
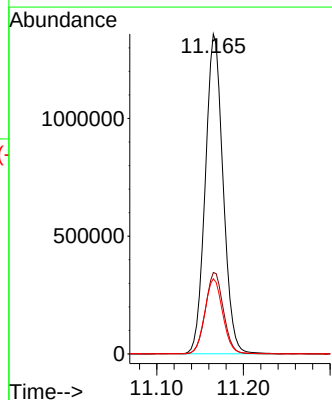
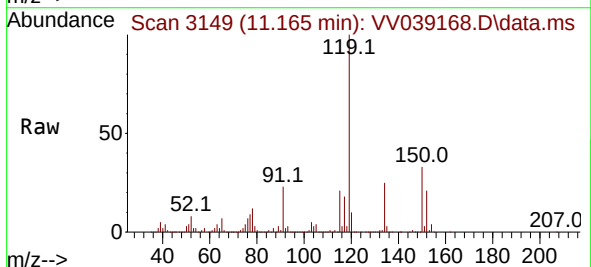
Instrument :
 MSVOA_V
 ClientSampleId :

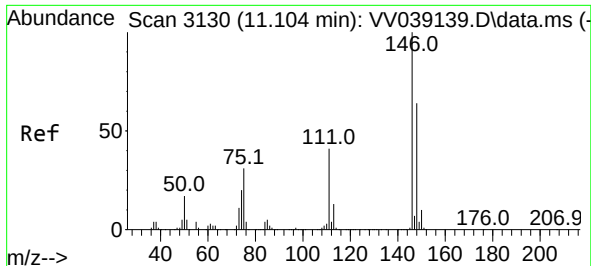
Tgt Ion:105 Resp: 2294341
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 54.380 ug/l
 RT: 11.165 min Scan# 3149
 Delta R.T. -0.000 min
 Lab File: VV039168.D
 Acq: 25 Sep 2025 09:59

Tgt Ion:119 Resp: 1933306
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.7 38.0
 91 23.6 12.0 36.1

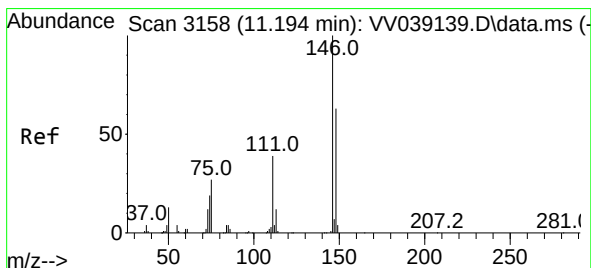
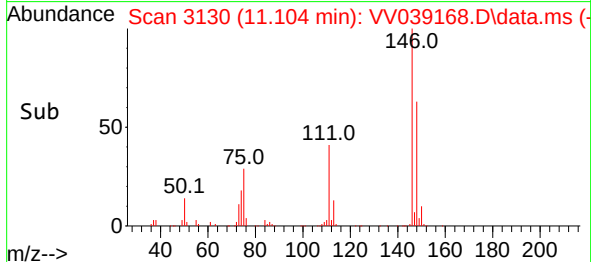
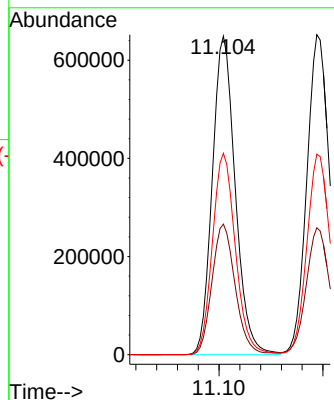
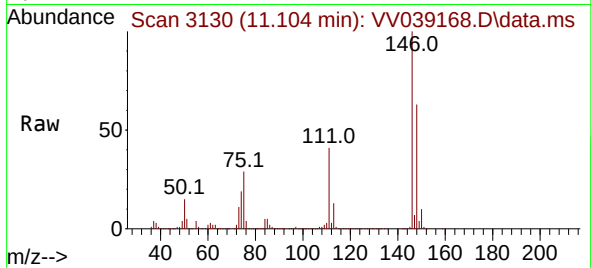




#87
1,3-Dichlorobenzene
Concen: 48.773 ug/l
RT: 11.104 min Scan# 3130
Delta R.T. -0.000 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

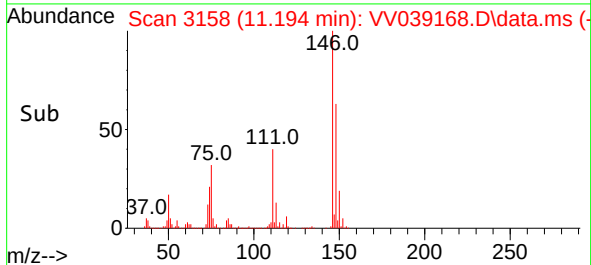
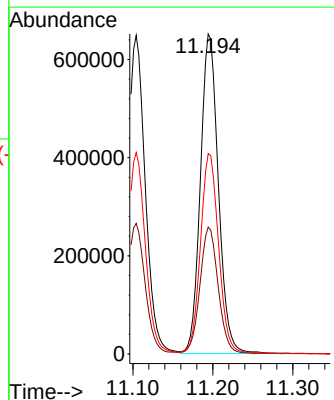
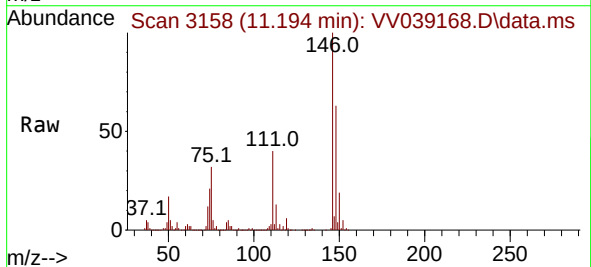
Instrument :
MSVOA_V
ClientSampleId :

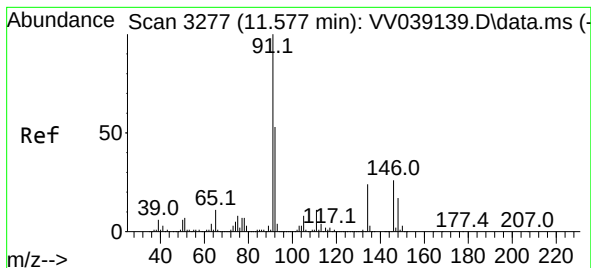
Tgt Ion:146 Resp: 995077
Ion Ratio Lower Upper
146 100
111 41.6 20.9 62.8
148 63.4 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 45.535 ug/l
RT: 11.194 min Scan# 3158
Delta R.T. -0.000 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

Tgt Ion:146 Resp: 1019216
Ion Ratio Lower Upper
146 100
111 40.1 20.3 60.8
148 63.3 31.4 94.2





#89

n-Butylbenzene

Concen: 54.607 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV039168.D

Acq: 25 Sep 2025 09:59

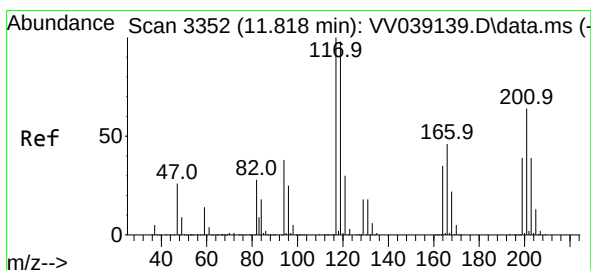
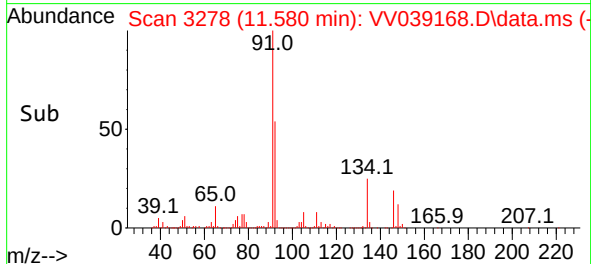
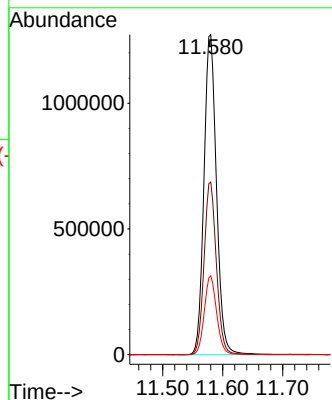
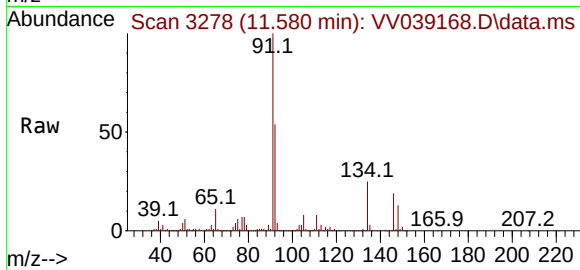
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 91 Resp: 1854102

Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.6	79.8
134	24.4	12.1	36.3



#90

Hexachloroethane

Concen: 44.260 ug/l

RT: 11.821 min Scan# 3353

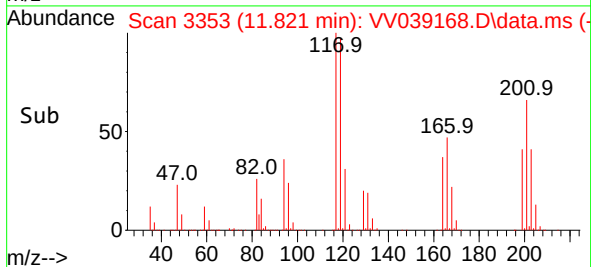
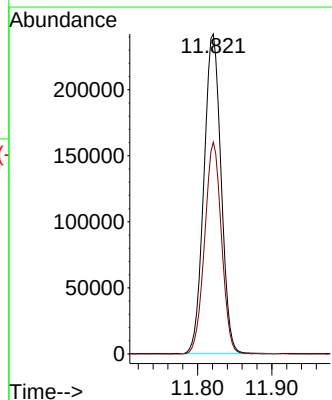
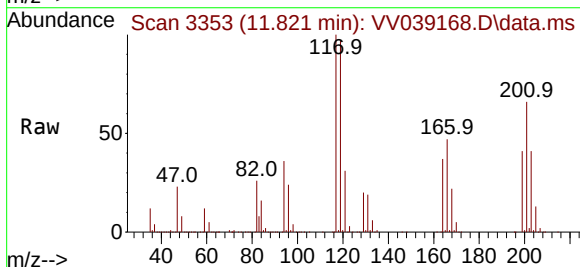
Delta R.T. 0.003 min

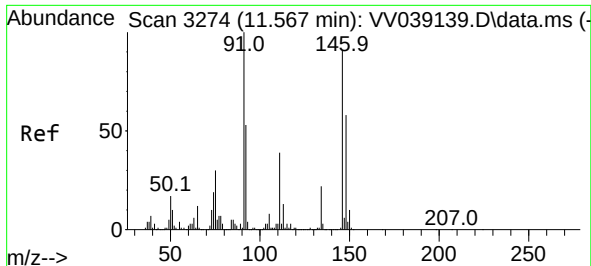
Lab File: VV039168.D

Acq: 25 Sep 2025 09:59

Tgt Ion: 117 Resp: 387482

Ion	Ratio	Lower	Upper
117	100		
201	65.1	32.3	96.8

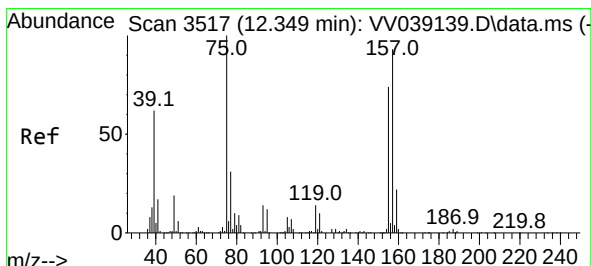
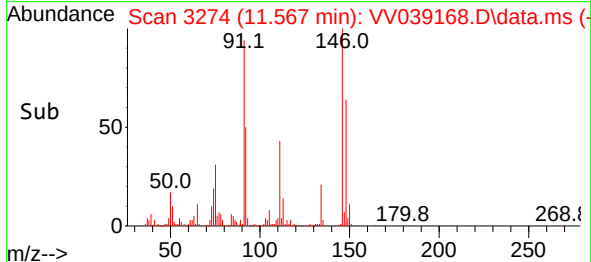
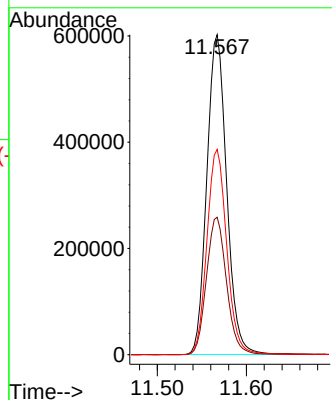
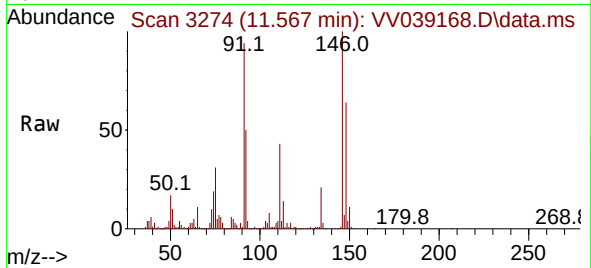




#91
 1,2-Dichlorobenzene
 Concen: 48.799 ug/l
 RT: 11.567 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV039168.D
 Acq: 25 Sep 2025 09:59

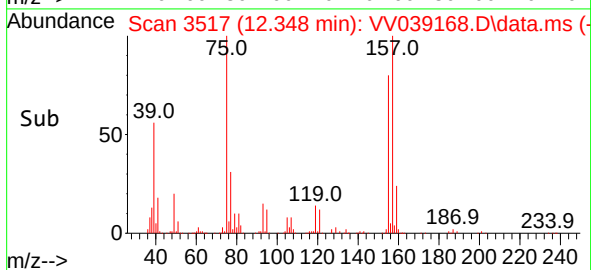
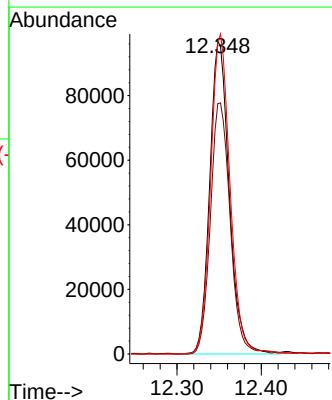
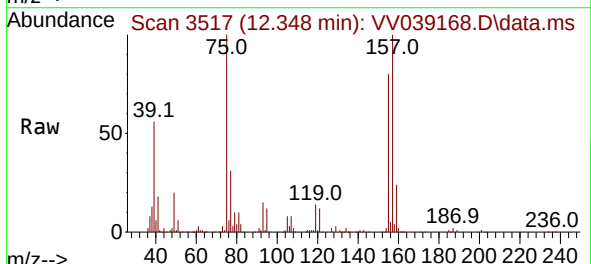
Instrument :
 MSVOA_V
 ClientSampleId :

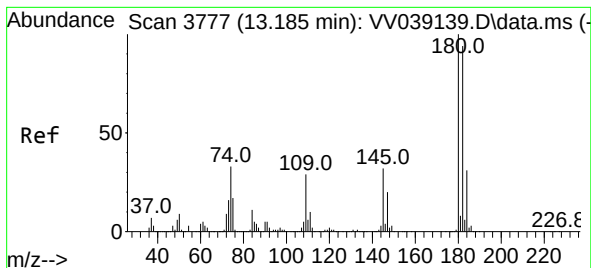
Tgt Ion:146 Resp: 930166
 Ion Ratio Lower Upper
 146 100
 111 43.7 21.5 64.5
 148 64.4 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.961 ug/l
 RT: 12.348 min Scan# 3517
 Delta R.T. -0.001 min
 Lab File: VV039168.D
 Acq: 25 Sep 2025 09:59

Tgt Ion: 75 Resp: 156226
 Ion Ratio Lower Upper
 75 100
 155 80.8 38.6 115.8
 157 101.6 49.5 148.3





#93

1,2,4-Trichlorobenzene

Concen: 52.055 ug/l

RT: 13.184 min Scan# 3777

Delta R.T. -0.001 min

Lab File: VV039168.D

Acq: 25 Sep 2025 09:59

Instrument :

MSVOA_V

ClientSampleId :

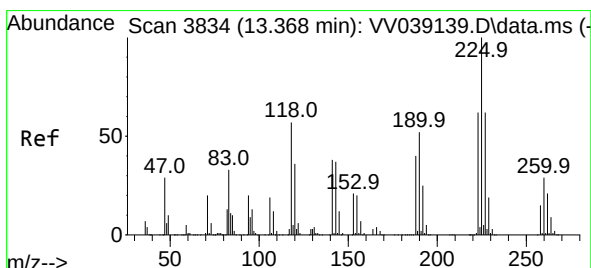
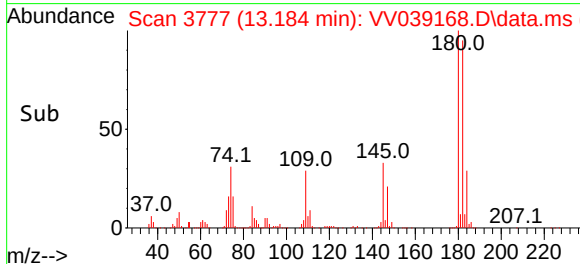
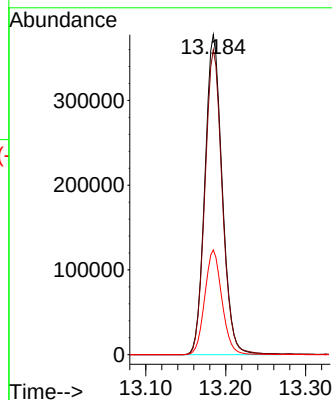
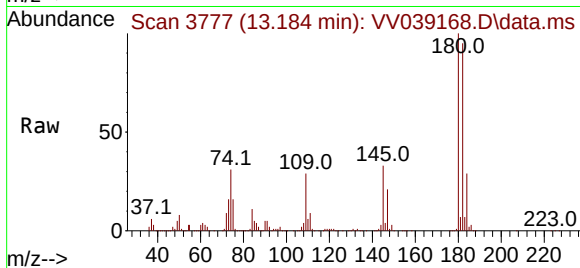
Tgt Ion:180 Resp: 568781

Ion Ratio Lower Upper

180 100

182 95.5 47.1 141.4

145 32.6 16.3 48.8



#94

Hexachlorobutadiene

Concen: 45.975 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV039168.D

Acq: 25 Sep 2025 09:59

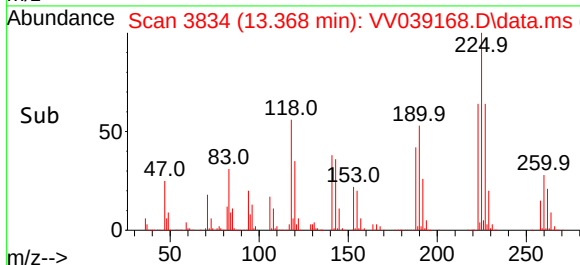
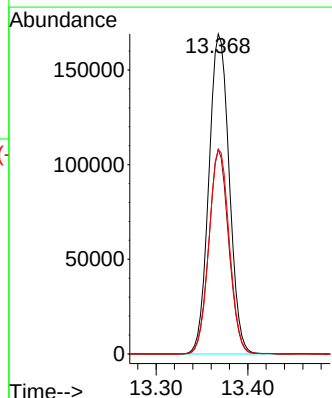
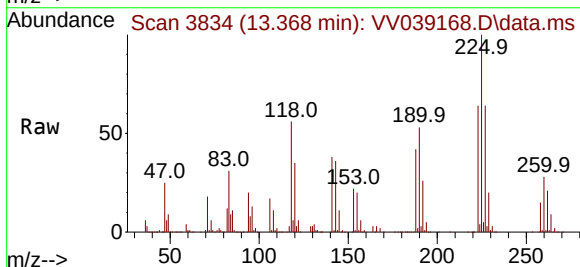
Tgt Ion:225 Resp: 261028

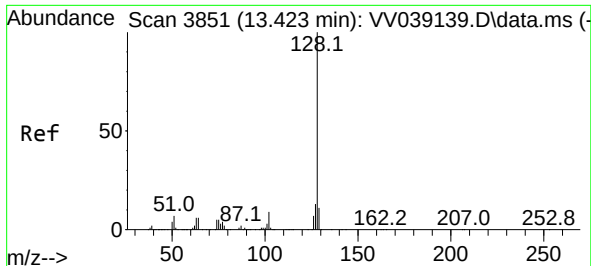
Ion Ratio Lower Upper

225 100

223 62.3 31.6 94.7

227 63.7 31.8 95.4

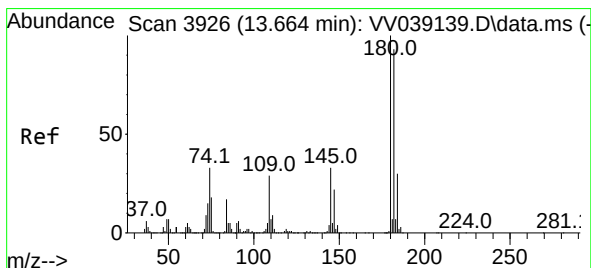
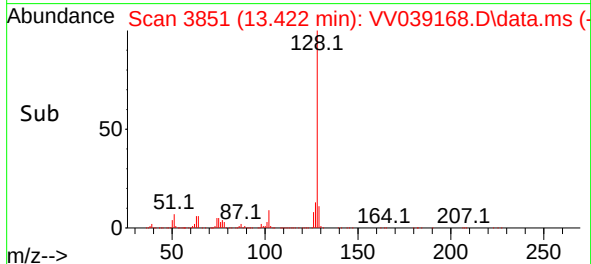
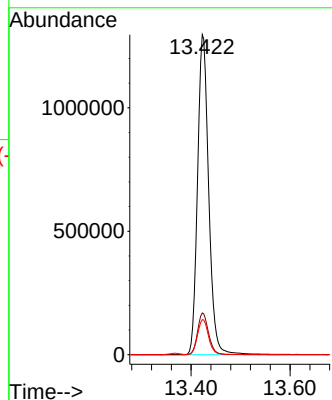
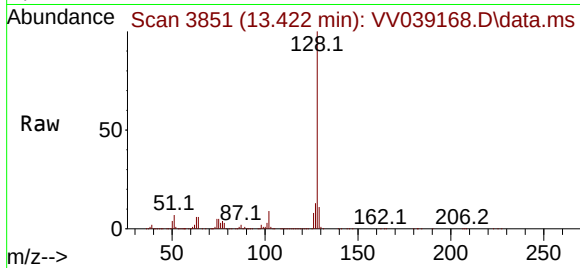




#95
Naphthalene
Concen: 57.749 ug/l
RT: 13.422 min Scan# 3851
Delta R.T. -0.001 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 2039508
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.848 ug/l
RT: 13.667 min Scan# 3927
Delta R.T. 0.003 min
Lab File: VV039168.D
Acq: 25 Sep 2025 09:59

Tgt Ion:180 Resp: 579422
Ion Ratio Lower Upper
180 100
182 96.7 46.9 140.8
145 35.8 17.0 51.0

