

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092225\
 Data File : VV039137.D
 Acq On : 22 Sep 2025 12:26
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC010

Quant Time: Sep 24 07:21:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 07:14:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.597	168	501722	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	837272	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	824583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	463438	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	77610	10.688	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery =	21.380%#		
35) Dibromofluoromethane	4.503	113	72914	10.833	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery =	21.660%#		
50) Toluene-d8	7.240	98	195300	9.879	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery =	19.760%#		
62) 4-Bromofluorobenzene	10.005	95	80587	9.902	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery =	19.800%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.121	85	85113	10.716	ug/l	99
3) Chloromethane	1.230	50	95215	11.167	ug/l	95
4) Vinyl Chloride	1.298	62	101023	11.068	ug/l	99
5) Bromomethane	1.500	94	63359	11.011	ug/l	98
6) Chloroethane	1.561	64	66412	11.087	ug/l	98
7) Trichlorofluoromethane	1.729	101	139927	10.588	ug/l	98
8) Diethyl Ether	1.918	74	50669	10.328	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.082	101	84221	10.711	ug/l	99
10) Methyl Iodide	2.198	142	77448	10.343	ug/l	98
11) Tert butyl alcohol	2.568	59	84609	55.130	ug/l	99
12) 1,1-Dichloroethene	2.082	96	80704	10.669	ug/l	97
13) Acrolein	2.015	56	13557	50.908	ug/l #	80
14) Allyl chloride	2.359	41	139249	10.305	ug/l	98
15) Acrylonitrile	2.674	53	254235	51.676	ug/l	99
16) Acetone	2.121	43	269573	53.773	ug/l	99
17) Carbon Disulfide	2.253	76	246125	10.639	ug/l	99
18) Methyl Acetate	2.381	43	115005	10.689	ug/l	97
19) Methyl tert-butyl Ether	2.712	73	255535	10.601	ug/l	99
20) Methylene Chloride	2.455	84	93350	10.106	ug/l	99
21) trans-1,2-Dichloroethene	2.703	96	84891	10.541	ug/l	95
22) Diisopropyl ether	3.214	45	276604	10.699	ug/l #	68
23) Vinyl Acetate	3.191	43	1200618	53.087	ug/l	100
24) 1,1-Dichloroethane	3.118	63	167496	10.594	ug/l	100
25) 2-Butanone	3.873	43	303016	53.015	ug/l	100
26) 2,2-Dichloropropane	3.809	77	136919	9.806	ug/l	100
27) cis-1,2-Dichloroethene	3.822	96	91069	10.254	ug/l	99
28) Bromochloromethane	4.146	49	83889	12.019	ug/l	98
29) Tetrahydrofuran	4.240	42	188818	51.879	ug/l	96
30) Chloroform	4.278	83	175847	10.652	ug/l	97
31) Cyclohexane	4.584	56	132996	10.269	ug/l	96
32) 1,1,1-Trichloroethane	4.513	97	156733	10.966	ug/l	96
36) 1,1-Dichloropropene	4.744	75	104420	10.187	ug/l	99
37) Ethyl Acetate	3.982	43	119710	9.520	ug/l #	91
38) Carbon Tetrachloride	4.732	117	124321	10.069	ug/l	98
39) Methylcyclohexane	6.043	83	117354	9.549	ug/l	94
40) Benzene	5.008	78	347728	10.493	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.169	41	45674	9.764	ug/l	90
42) 1,2-Dichloroethane	5.043	62	121437	10.458	ug/l	100
43) Isopropyl Acetate	5.195	43	172880	9.980	ug/l	97
44) Trichloroethene	5.834	130	78943	10.324	ug/l	93
45) 1,2-Dichloropropane	6.092	63	85295	10.355	ug/l	99
46) Dibromomethane	6.230	93	65717	10.424	ug/l	98
47) Bromodichloromethane	6.426	83	139261	10.685	ug/l	97
48) Methyl methacrylate	6.304	41	68465	8.639	ug/l	97
49) 1,4-Dioxane	6.297	88	23699	190.260	ug/l	99
51) 4-Methyl-2-Pentanone	7.150	43	598702	54.051	ug/l	97
52) Toluene	7.310	92	202741	10.552	ug/l	100
53) t-1,3-Dichloropropene	7.580	75	117314	10.329	ug/l	97
54) cis-1,3-Dichloropropene	6.950	75	134529	10.729	ug/l	98
55) 1,1,2-Trichloroethane	7.764	97	89390	10.376	ug/l	98
56) Ethyl methacrylate	7.719	69	95279	9.313	ug/l	99
57) 1,3-Dichloropropane	7.934	76	144218	10.607	ug/l	98
58) 2-Chloroethyl Vinyl ether	6.815	63	220693	46.148	ug/l	99
59) 2-Hexanone	8.066	43	422703	49.020	ug/l	93
60) Dibromochloromethane	8.169	129	101236	10.313	ug/l	97
61) 1,2-Dibromoethane	8.275	107	93182	10.576	ug/l	100
64) Tetrachloroethene	7.899	164	71811	10.397	ug/l	98
65) Chlorobenzene	8.805	112	231329	10.072	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.899	131	85678	10.324	ug/l	99
67) Ethyl Benzene	8.937	91	334394	9.618	ug/l	99
68) m/p-Xylenes	9.063	106	270452	20.155	ug/l	99
69) o-Xylene	9.468	106	115922	9.756	ug/l	96
70) Styrene	9.487	104	204368	9.382	ug/l	100
71) Bromoform	9.657	173	65302	10.074	ug/l #	98
73) Isopropylbenzene	9.857	105	330305	9.827	ug/l	99
74) N-amyl acetate	9.725	43	132108	9.853	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.165	83	148267	10.067	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	105275	9.977	ug/l	99
77) Bromobenzene	10.143	156	87828	10.071	ug/l	96
78) n-propylbenzene	10.278	91	401316	9.804	ug/l	100
79) 2-Chlorotoluene	10.349	91	255053	10.413	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	270977	9.699	ug/l	98
81) trans-1,4-Dichloro-2-b...	9.931	75	44314	10.082	ug/l	97
82) 4-Chlorotoluene	10.464	91	292863	10.312	ug/l	100
83) tert-Butylbenzene	10.789	119	267528	9.603	ug/l	98
84) 1,2,4-Trimethylbenzene	10.841	105	256505	9.457	ug/l	99
85) sec-Butylbenzene	11.011	105	354312	9.588	ug/l	100
86) p-Isopropyltoluene	11.169	119	300032	9.755	ug/l	99
87) 1,3-Dichlorobenzene	11.108	146	178990	10.141	ug/l	98
88) 1,4-Dichlorobenzene	11.198	146	191843	9.835	ug/l	97
89) n-Butylbenzene	11.580	91	281258	9.575	ug/l	97
90) Hexachloroethane	11.821	117	74910	9.891	ug/l	96
91) 1,2-Dichlorobenzene	11.567	146	162271	9.841	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.355	75	27674	10.167	ug/l	98
93) 1,2,4-Trichlorobenzene	13.188	180	85982	9.096	ug/l	98
94) Hexachlorobutadiene	13.368	225	47413	9.653	ug/l	97
95) Naphthalene	13.426	128	267645	8.803	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	90238	9.334	ug/l	100

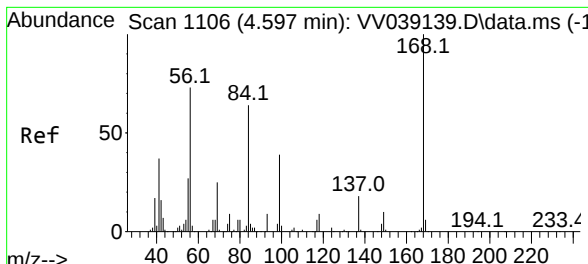
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Quant Title : SW846 8260
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Response via : Initial Calibration

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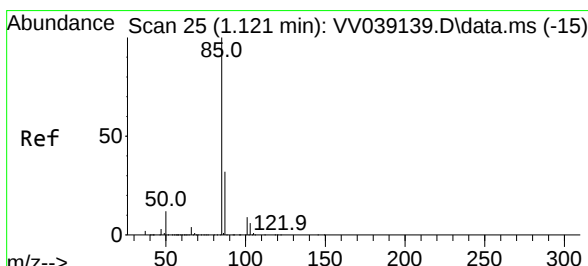
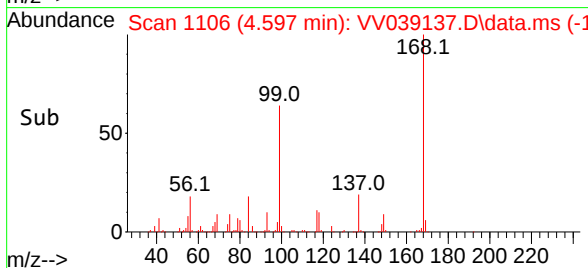
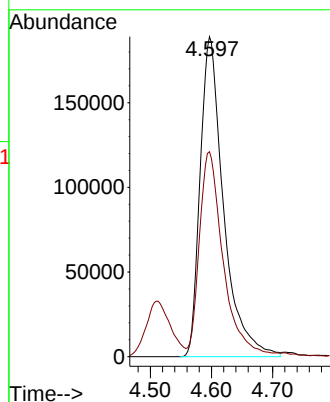
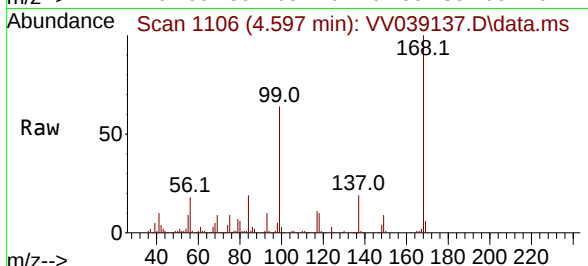
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.597 min Scan# 11
Delta R.T. -0.000 min
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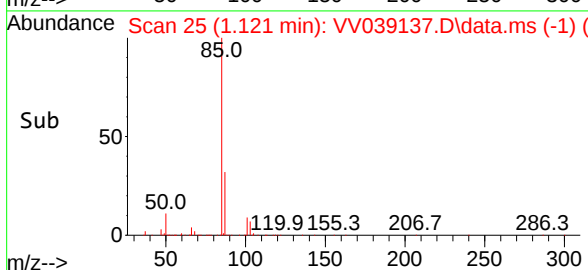
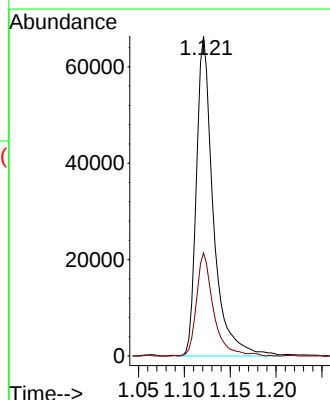
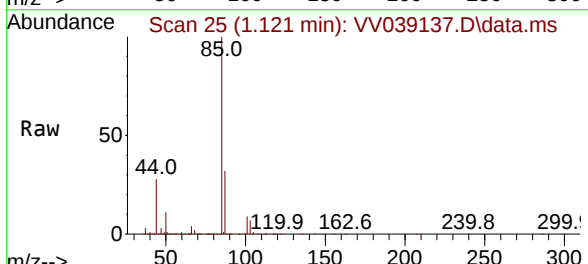
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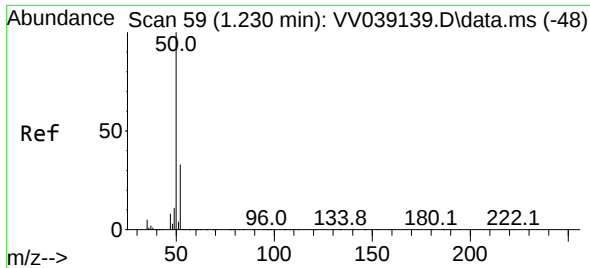
Tgt Ion:168 Resp: 501722
Ion Ratio Lower Upper
168 100
99 63.0 49.6 74.4



#2
Dichlorodifluoromethane
Concen: 10.716 ug/l
RT: 1.121 min Scan# 25
Delta R.T. 0.000 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

Tgt Ion: 85 Resp: 85113
Ion Ratio Lower Upper
85 100
87 32.2 16.0 47.9

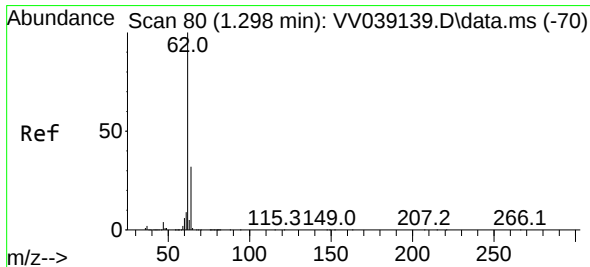
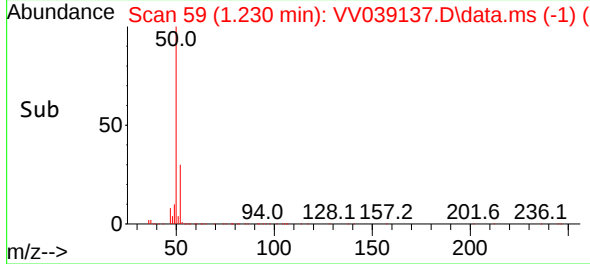
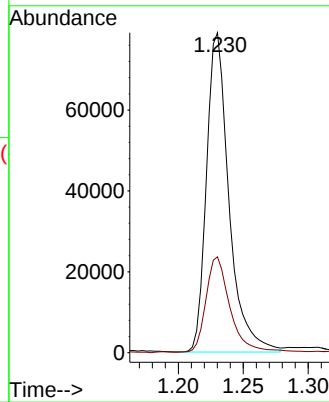
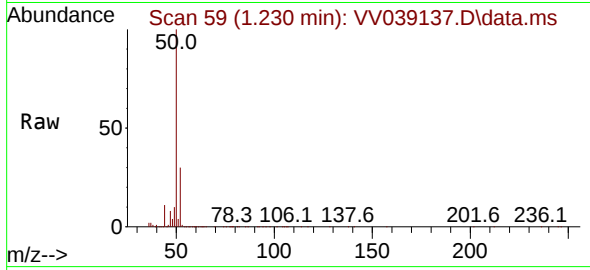




#3
Chloromethane
Concen: 11.167 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

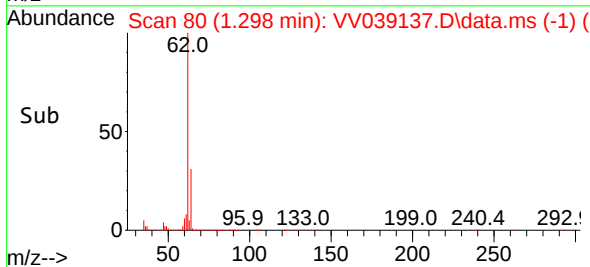
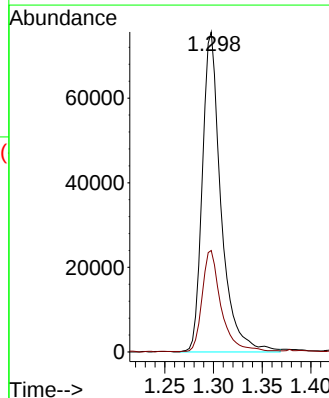
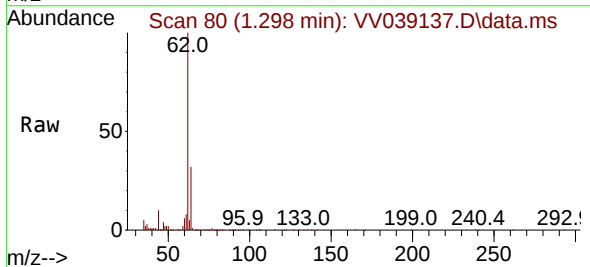
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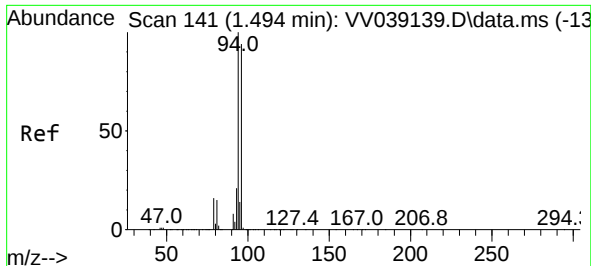
Tgt Ion: 50 Resp: 95215
Ion Ratio Lower Upper
50 100
52 29.8 26.0 39.0



#4
Vinyl Chloride
Concen: 11.068 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

Tgt Ion: 62 Resp: 101023
Ion Ratio Lower Upper
62 100
64 31.5 25.6 38.4

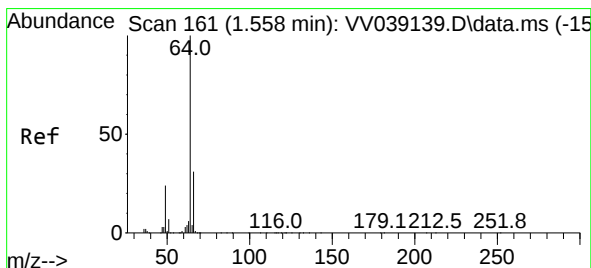
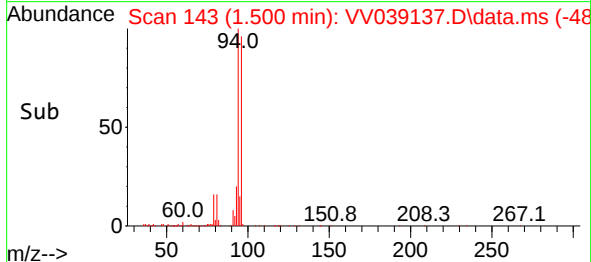
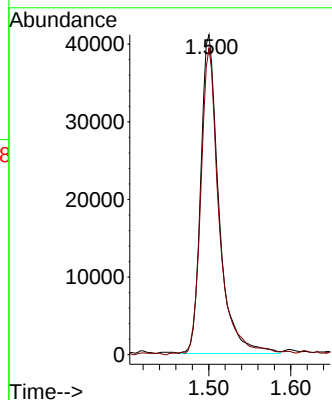
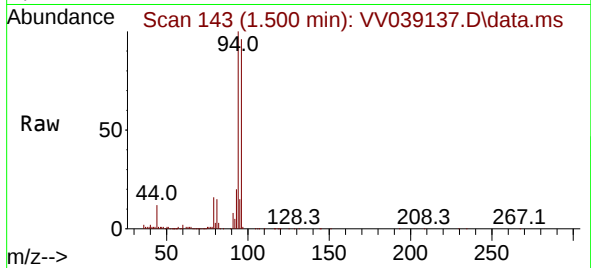




#5
Bromomethane
Concen: 11.011 ug/l
RT: 1.500 min Scan# 141
Delta R.T. 0.006 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

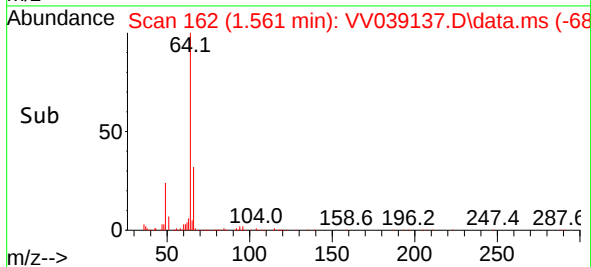
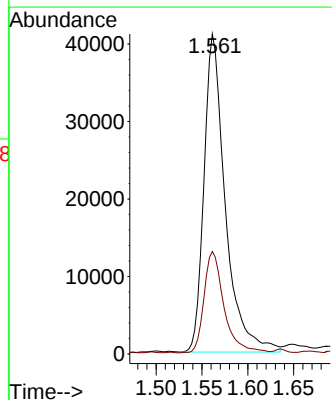
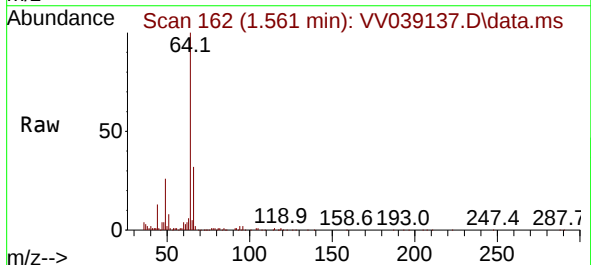
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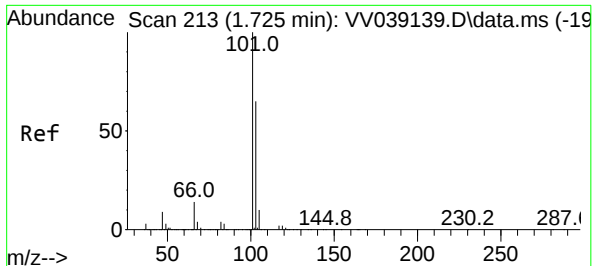
Tgt Ion: 94 Resp: 63359
Ion Ratio Lower Upper
94 100
96 95.4 74.9 112.3



#6
Chloroethane
Concen: 11.087 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.003 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

Tgt Ion: 64 Resp: 66412
Ion Ratio Lower Upper
64 100
66 31.8 24.6 36.8

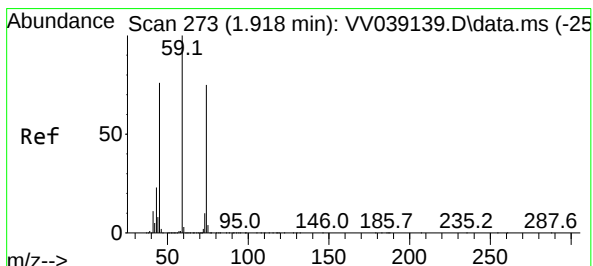
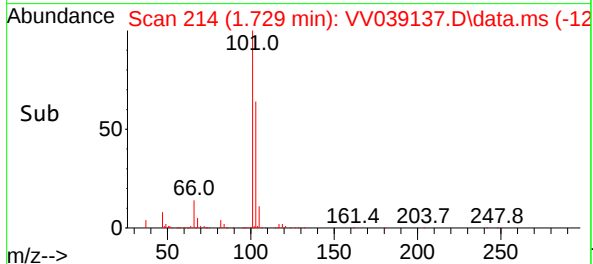
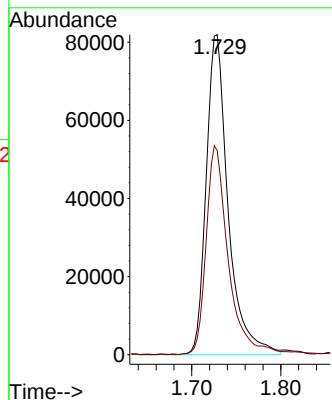
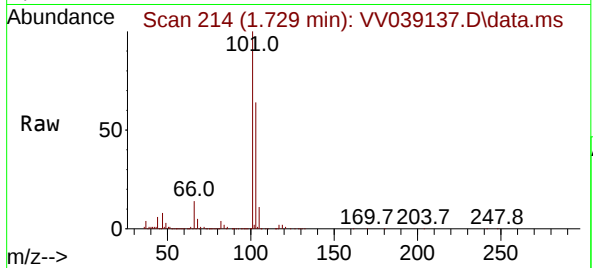




#7
Trichlorofluoromethane
Concen: 10.588 ug/l
RT: 1.729 min Scan# 213
Delta R.T. 0.003 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

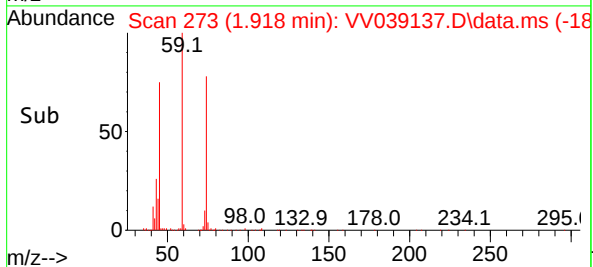
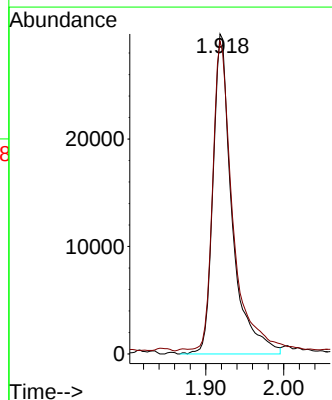
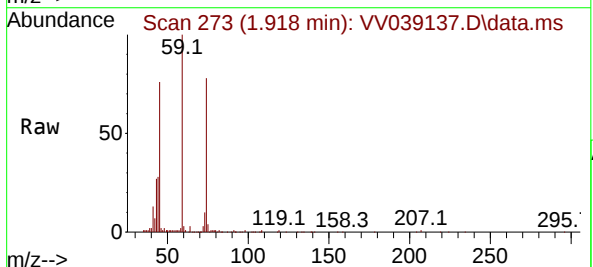
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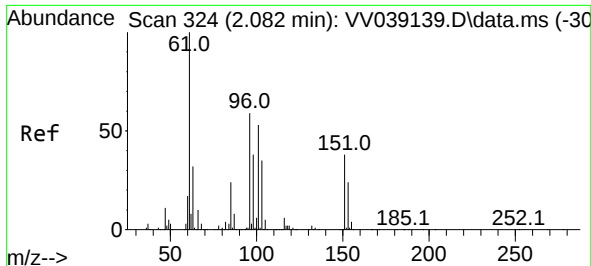
Tgt Ion:101 Resp: 139927
Ion Ratio Lower Upper
101 100
103 63.6 52.0 78.0



#8
Diethyl Ether
Concen: 10.328 ug/l
RT: 1.918 min Scan# 273
Delta R.T. 0.000 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

Tgt Ion: 74 Resp: 50669
Ion Ratio Lower Upper
74 100
45 100.7 49.6 148.8

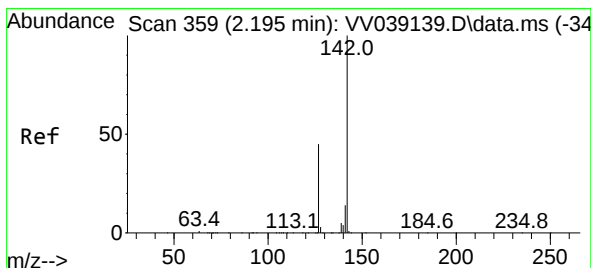
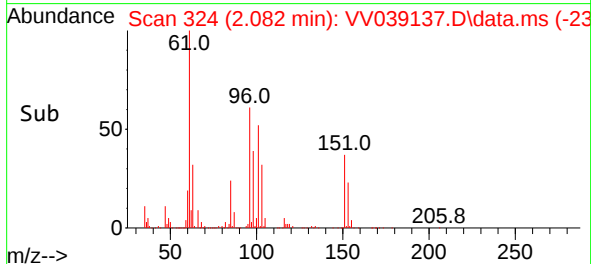
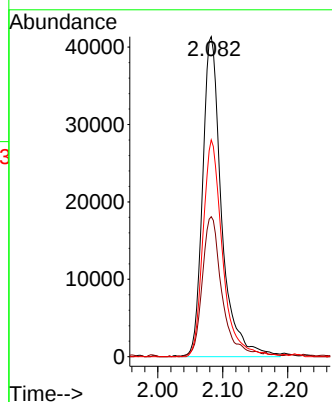
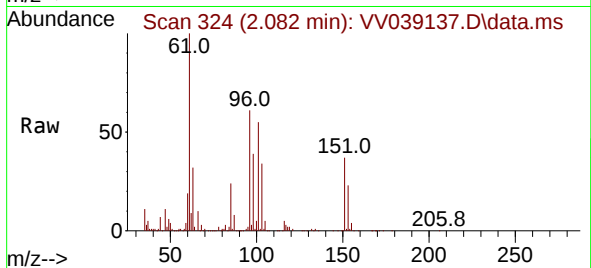




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.711 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039137.D
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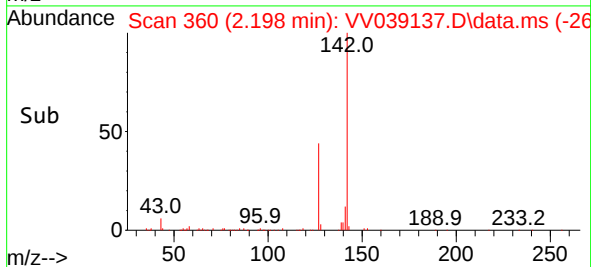
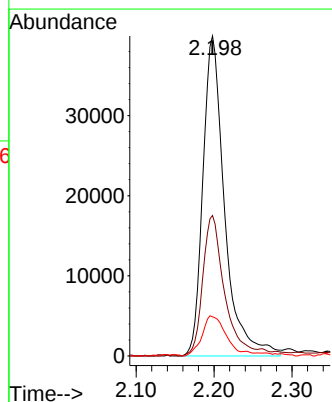
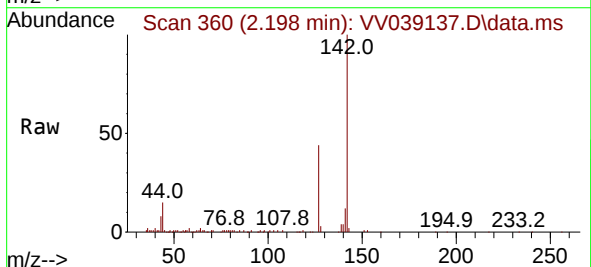
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC010

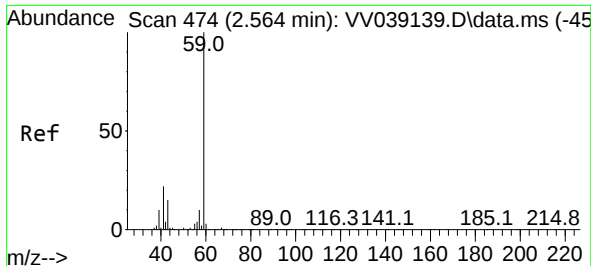
Tgt Ion:101 Resp: 84221
Ion Ratio Lower Upper
101 100
85 45.5 36.2 54.2
151 69.6 56.3 84.5



#10
Methyl Iodide
Concen: 10.343 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

Tgt Ion:142 Resp: 77448
Ion Ratio Lower Upper
142 100
127 43.6 36.3 54.5
141 13.5 11.2 16.8

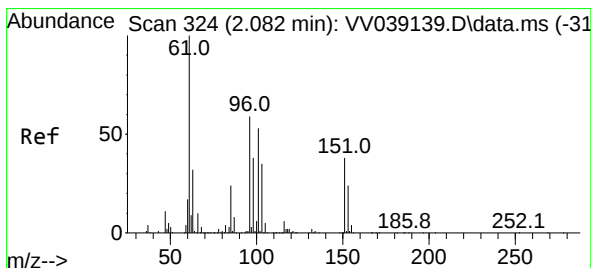
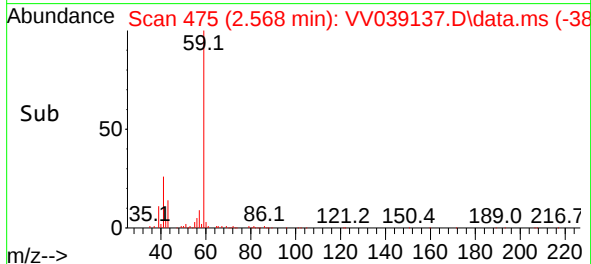
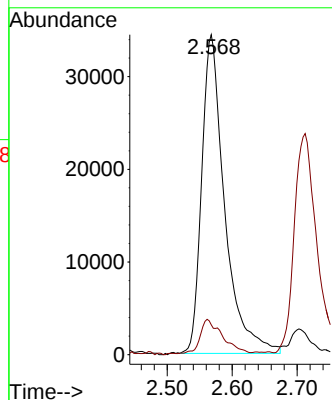
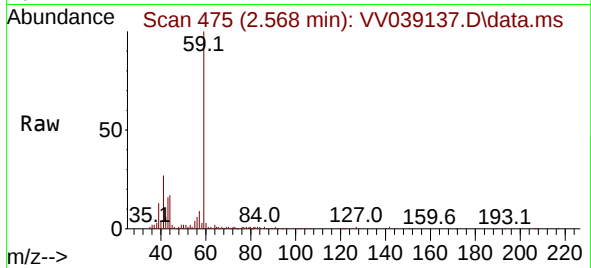




#11
Tert butyl alcohol
Concen: 55.130 ug/l
RT: 2.568 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

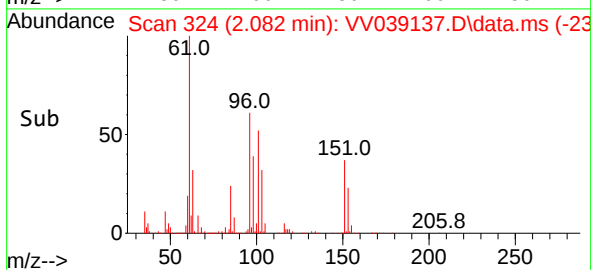
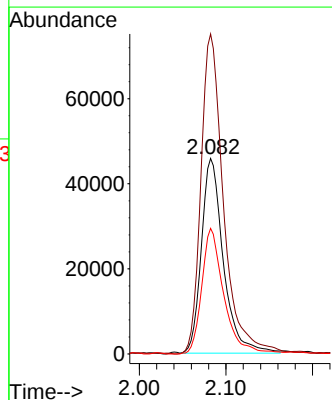
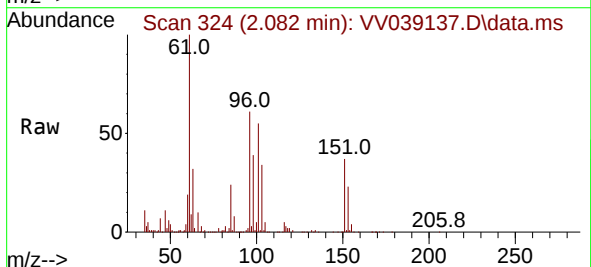
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

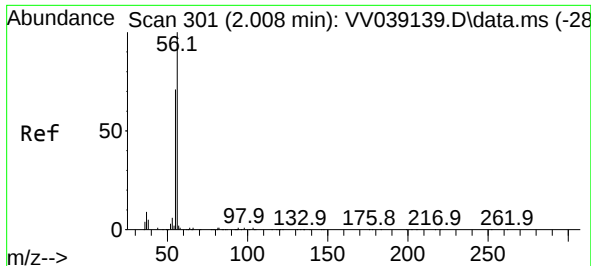
Tgt Ion: 59 Resp: 84609
Ion Ratio Lower Upper
59 100
57 10.3 7.8 11.8



#12
1,1-Dichloroethene
Concen: 10.669 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

Tgt Ion: 96 Resp: 80704
Ion Ratio Lower Upper
96 100
61 164.2 136.0 204.0
98 64.6 51.0 76.6





#13

Acrolein

Concen: 50.908 ug/l

RT: 2.015 min Scan# 301

Delta R.T. 0.006 min

Lab File: VV039137.D

Acq: 22 Sep 2025 12:26

Instrument :

MSVOA_V

ClientSampleId :

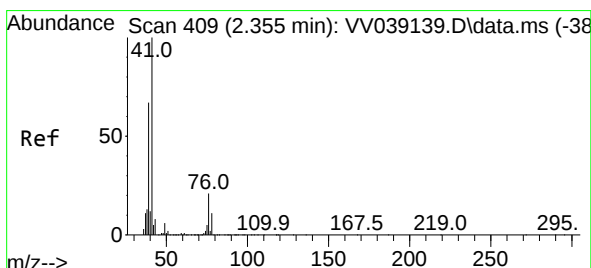
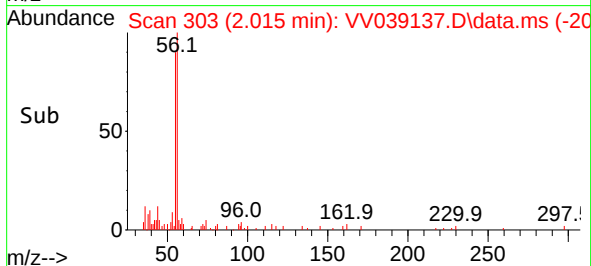
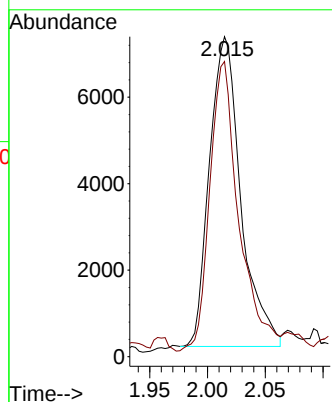
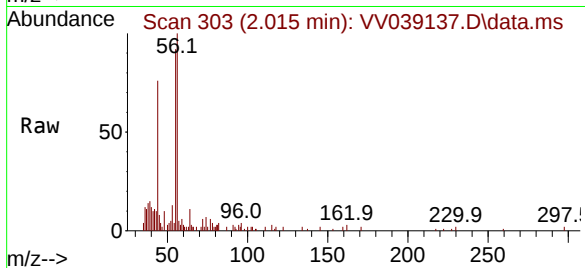
VSTDICC010

Tgt Ion: 56 Resp: 13557

Ion Ratio Lower Upper

56 100

55 86.9 56.2 84.4#



#14

Allyl chloride

Concen: 10.305 ug/l

RT: 2.359 min Scan# 410

Delta R.T. 0.003 min

Lab File: VV039137.D

Acq: 22 Sep 2025 12:26

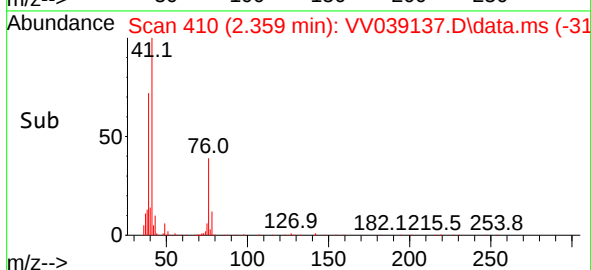
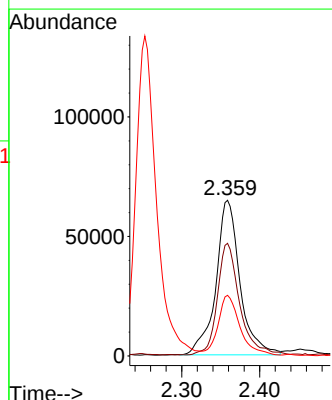
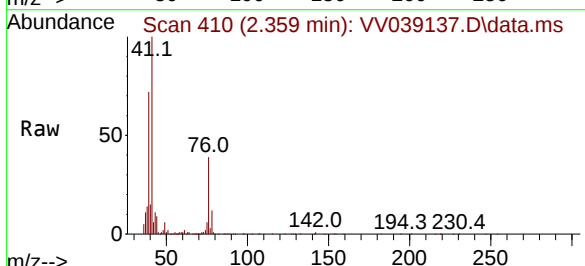
Tgt Ion: 41 Resp: 139249

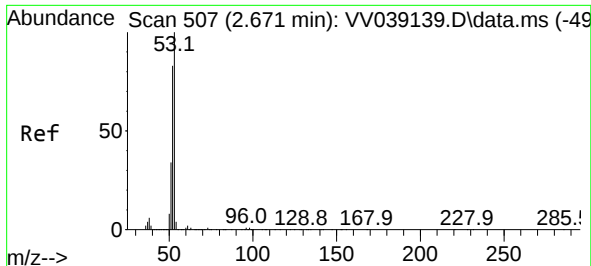
Ion Ratio Lower Upper

41 100

39 66.2 51.0 76.6

76 35.0 28.2 42.4

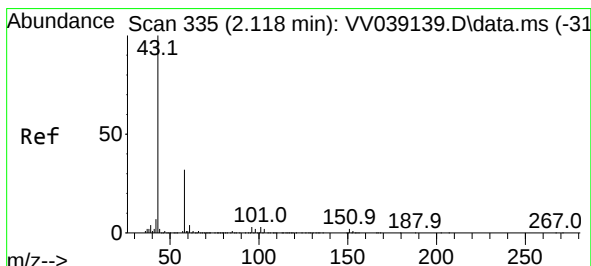
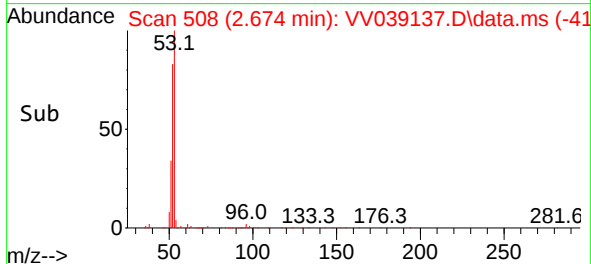
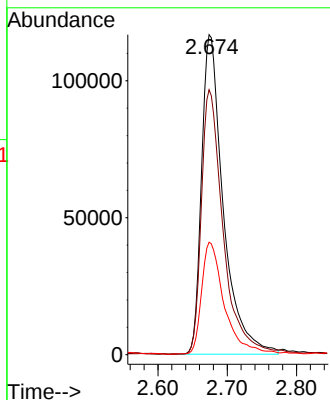
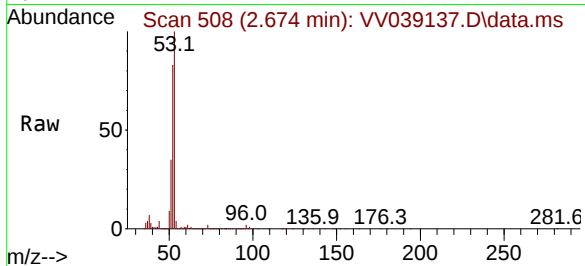




#15
Acrylonitrile
Concen: 51.676 ug/l
RT: 2.674 min Scan# 507
Delta R.T. 0.003 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

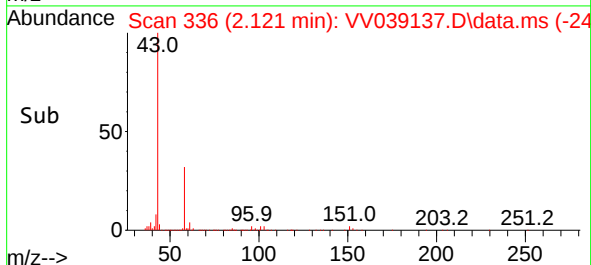
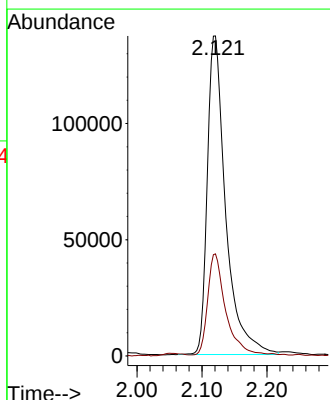
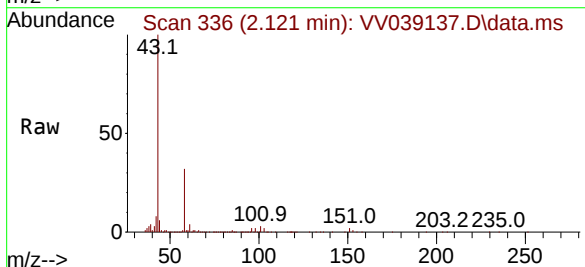
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

Tgt Ion: 53 Resp: 254235
Ion Ratio Lower Upper
53 100
52 83.1 66.1 99.1
51 36.5 28.5 42.7



#16
Acetone
Concen: 53.773 ug/l
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

Tgt Ion: 43 Resp: 269573
Ion Ratio Lower Upper
43 100
58 31.6 25.8 38.6

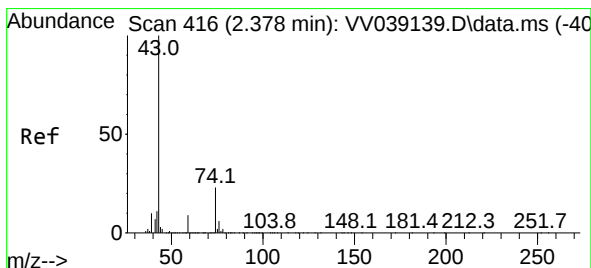
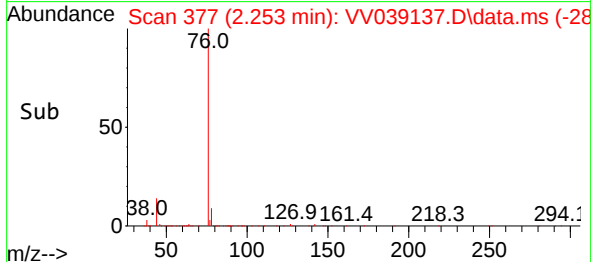
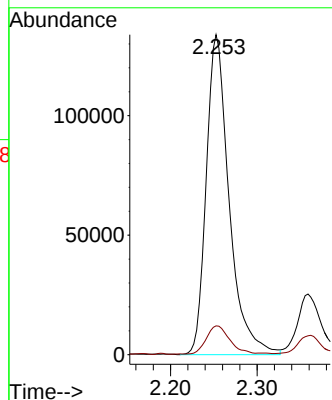
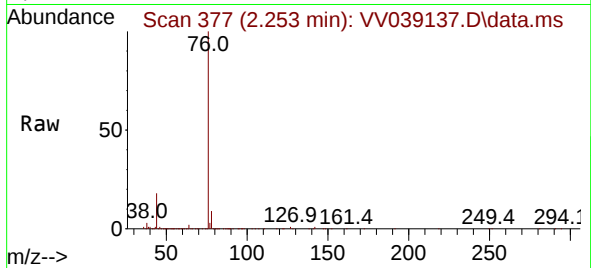




#17
Carbon Disulfide
Concen: 10.639 ug/l
RT: 2.253 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

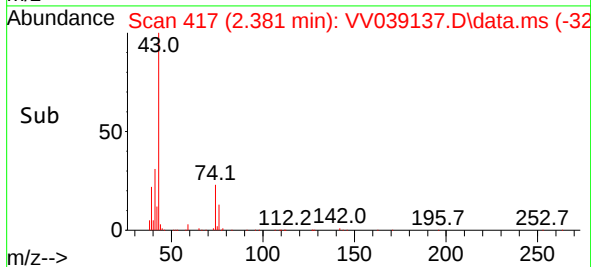
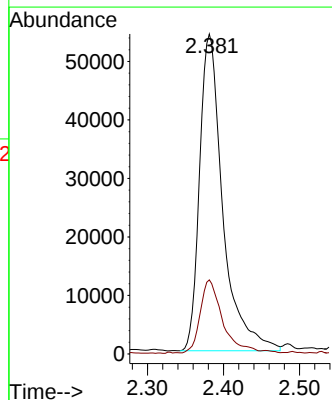
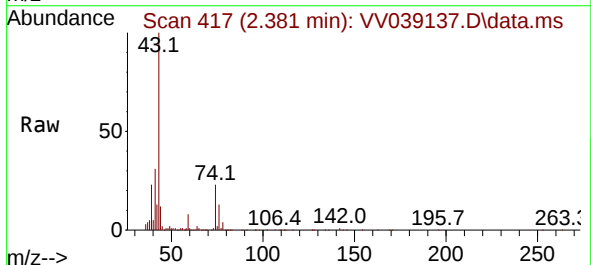
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

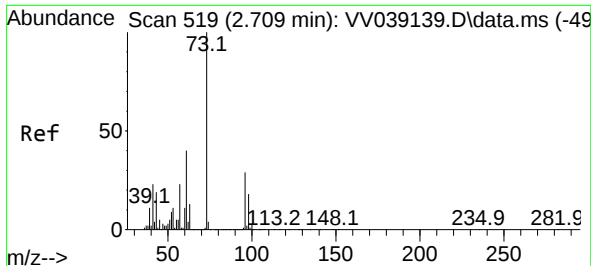
Tgt Ion: 76 Resp: 246125
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 10.689 ug/l
RT: 2.381 min Scan# 417
Delta R.T. 0.003 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

Tgt Ion: 43 Resp: 115005
Ion Ratio Lower Upper
43 100
74 21.9 18.6 27.8

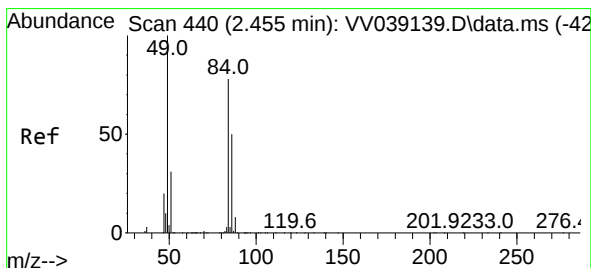
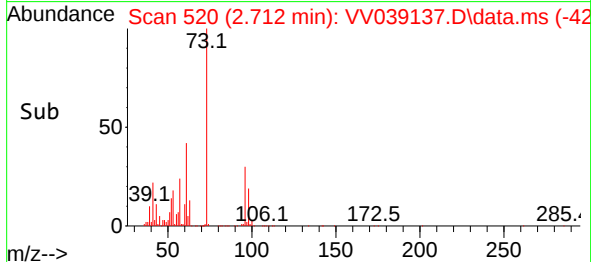
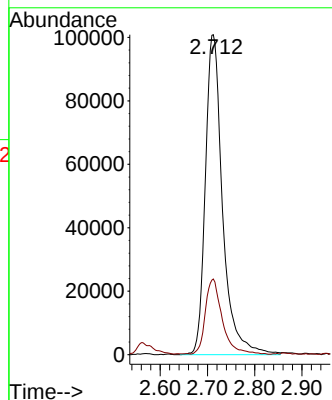
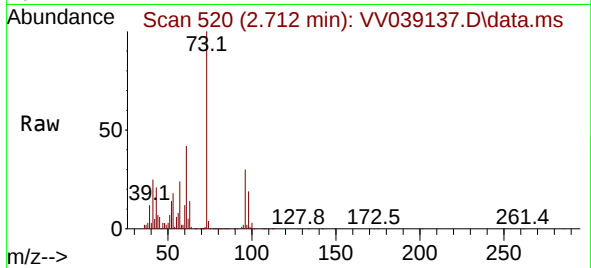




#19
Methyl tert-butyl Ether
Concen: 10.601 ug/l
RT: 2.712 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

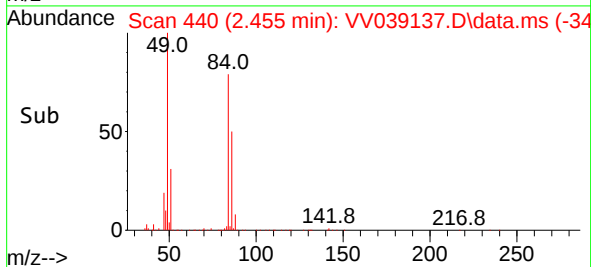
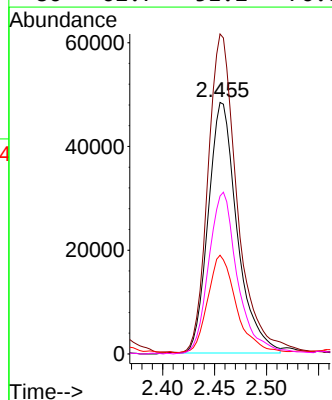
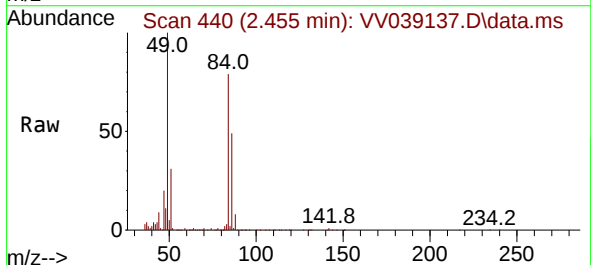
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

Tgt Ion: 73 Resp: 255535
Ion Ratio Lower Upper
73 100
57 23.4 18.2 27.4



#20
Methylene Chloride
Concen: 10.106 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

Tgt Ion: 84 Resp: 93350
Ion Ratio Lower Upper
84 100
49 127.1 102.8 154.2
51 38.7 31.9 47.9
86 62.7 51.2 76.8

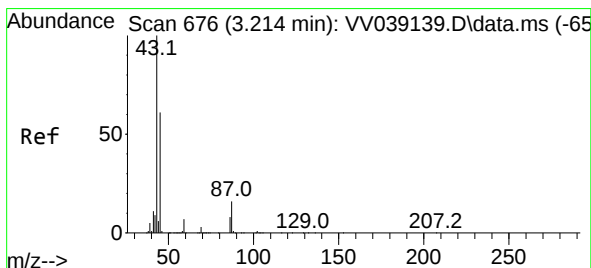
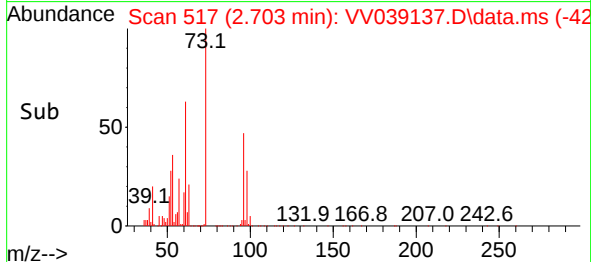
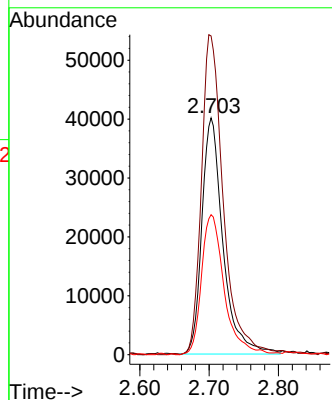
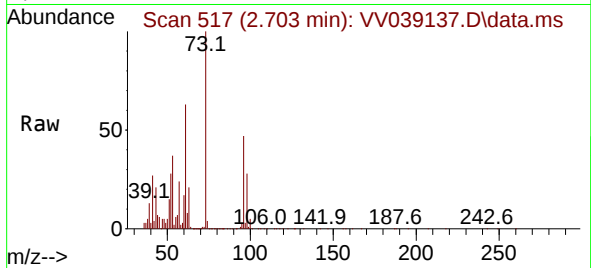




#21
trans-1,2-Dichloroethene
Concen: 10.541 ug/l
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

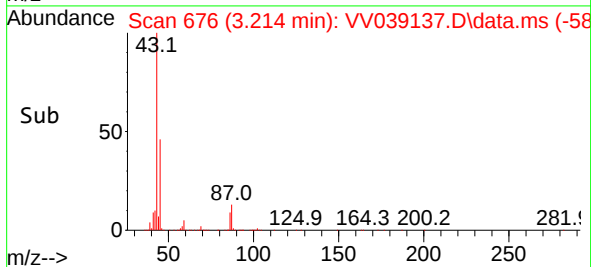
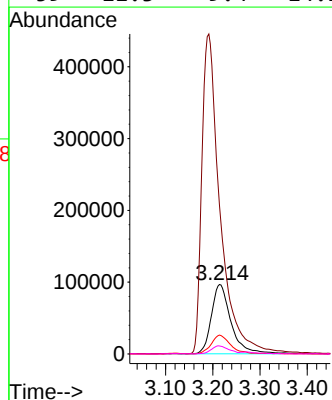
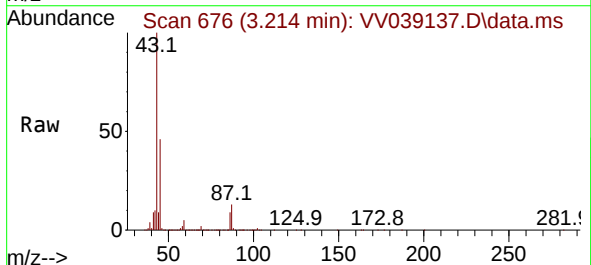
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

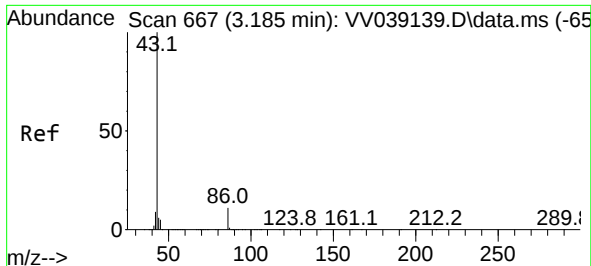
Tgt Ion: 96 Resp: 84891
Ion Ratio Lower Upper
96 100
61 135.3 112.8 169.2
98 59.5 51.1 76.7



#22
Diisopropyl ether
Concen: 10.699 ug/l
RT: 3.214 min Scan# 676
Delta R.T. 0.000 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

Tgt Ion: 45 Resp: 276604
Ion Ratio Lower Upper
45 100
43 215.7 130.9 196.3#
87 26.8 21.1 31.7
59 11.3 9.4 14.2

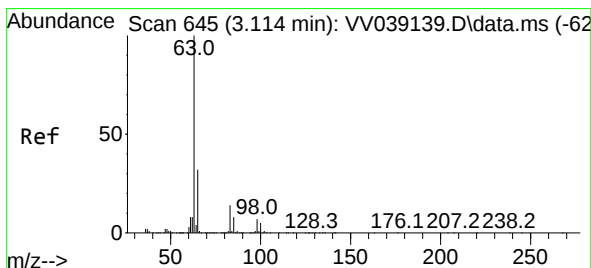
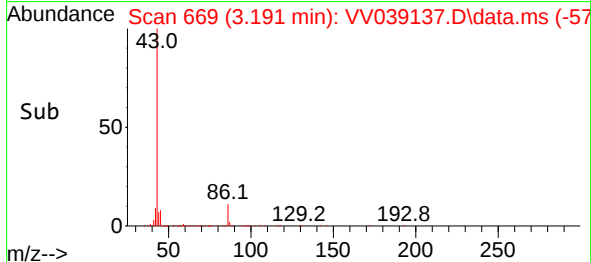
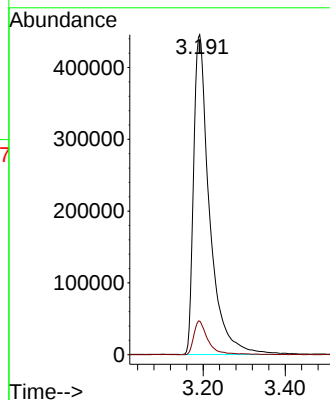
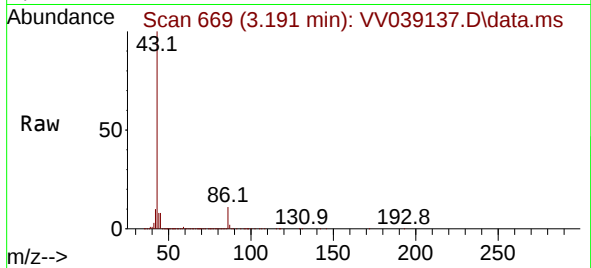




#23
 Vinyl Acetate
 Concen: 53.087 ug/l
 RT: 3.191 min Scan# 669
 Delta R.T. 0.006 min
 Lab File: VV039137.D
 Acq: 22 Sep 2025 12:26

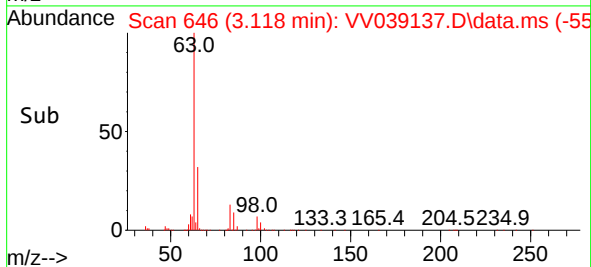
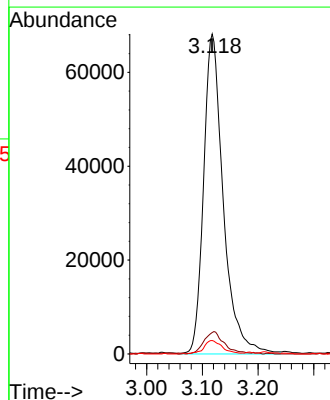
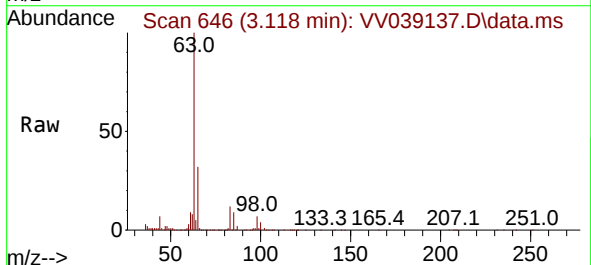
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC010

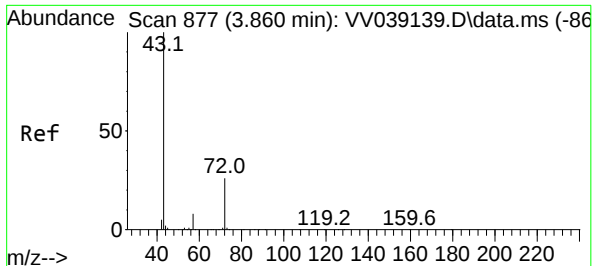
Tgt Ion: 43 Resp: 1200618
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 10.594 ug/l
 RT: 3.118 min Scan# 646
 Delta R.T. 0.003 min
 Lab File: VV039137.D
 Acq: 22 Sep 2025 12:26

Tgt Ion: 63 Resp: 167496
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.2
 100 4.2 2.2 6.6





#25

2-Butanone

Concen: 53.015 ug/l

RT: 3.873 min Scan# 81

Delta R.T. 0.013 min

Lab File: VV039137.D

Acq: 22 Sep 2025 12:26

Instrument :

MSVOA_V

ClientSampleId :

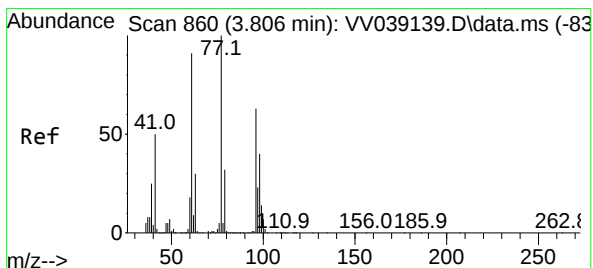
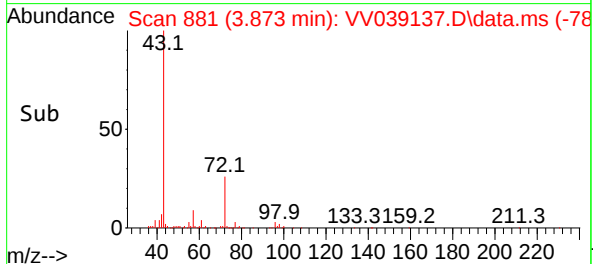
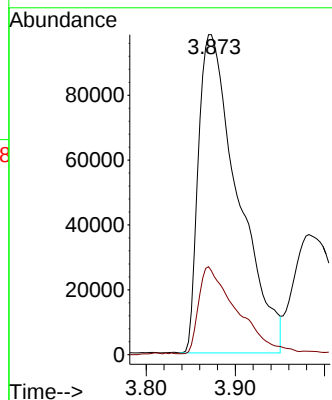
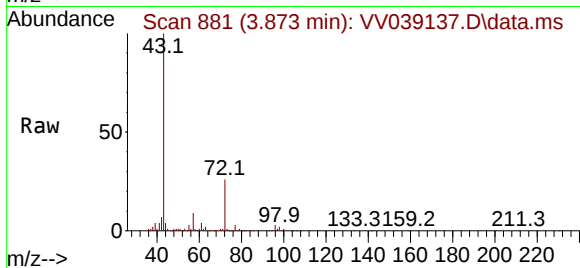
VSTDICC010

Tgt Ion: 43 Resp: 303016

Ion Ratio Lower Upper

43 100

72 26.0 21.0 31.6



#26

2,2-Dichloropropane

Concen: 9.806 ug/l

RT: 3.809 min Scan# 861

Delta R.T. 0.003 min

Lab File: VV039137.D

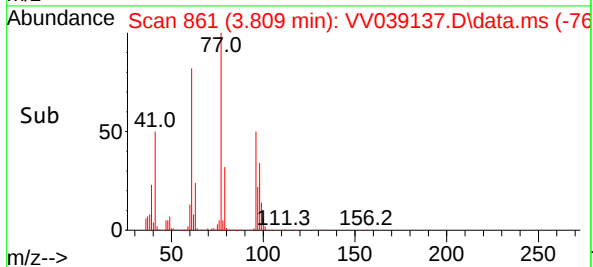
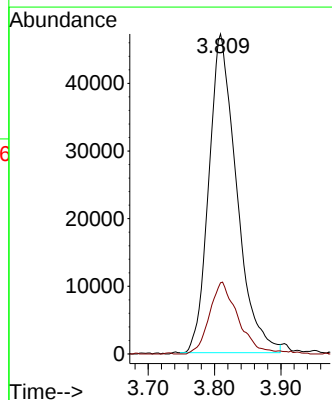
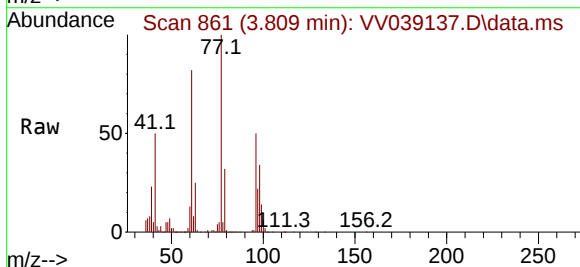
Acq: 22 Sep 2025 12:26

Tgt Ion: 77 Resp: 136919

Ion Ratio Lower Upper

77 100

97 23.1 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 10.254 ug/l

RT: 3.822 min Scan# 865

Delta R.T. 0.003 min

Lab File: VV039137.D

Acq: 22 Sep 2025 12:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

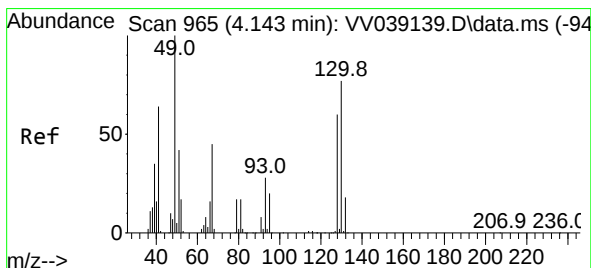
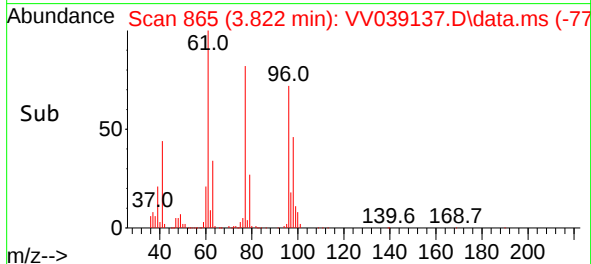
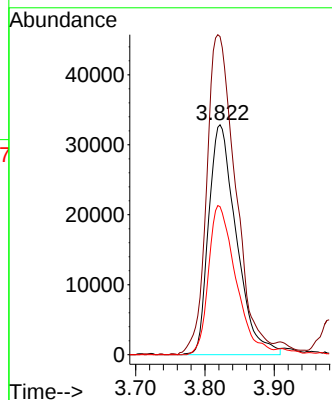
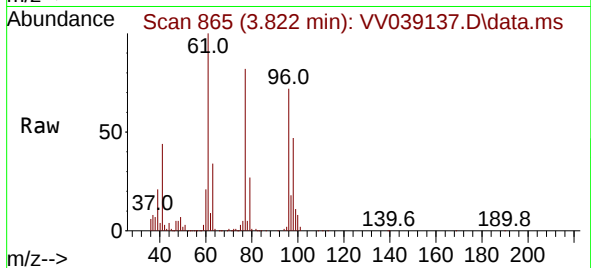
Tgt Ion: 96 Resp: 91069

Ion Ratio Lower Upper

96 100

61 145.4 0.0 286.4

98 63.9 0.0 126.6



#28

Bromochloromethane

Concen: 12.019 ug/l

RT: 4.146 min Scan# 966

Delta R.T. 0.003 min

Lab File: VV039137.D

Acq: 22 Sep 2025 12:26

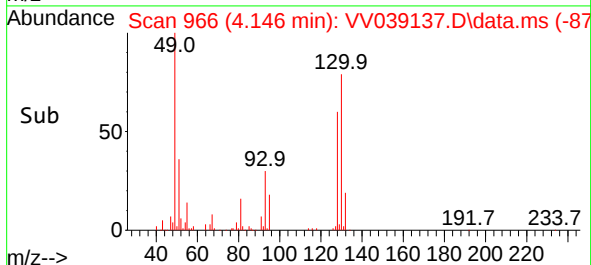
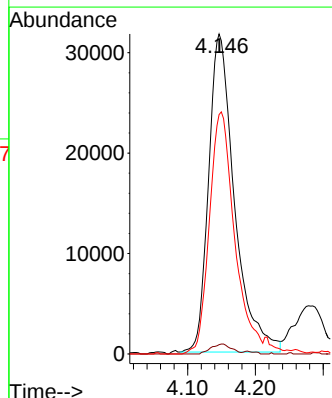
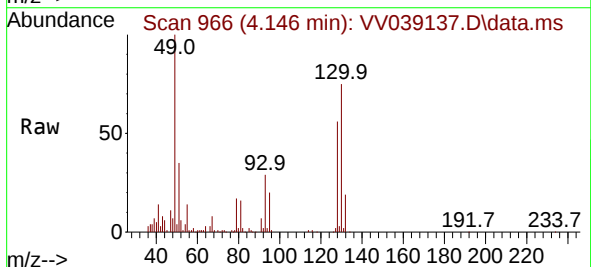
Tgt Ion: 49 Resp: 83889

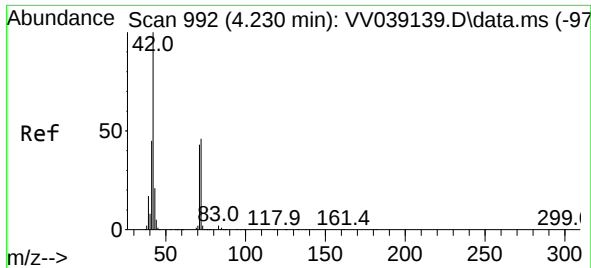
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.2

130 73.9 60.2 90.2

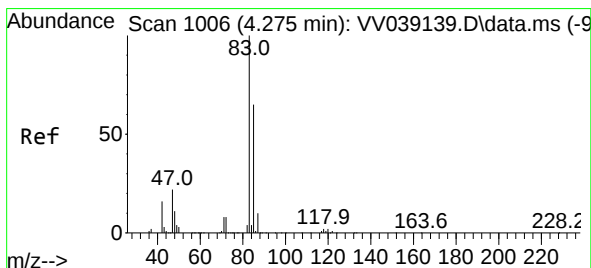
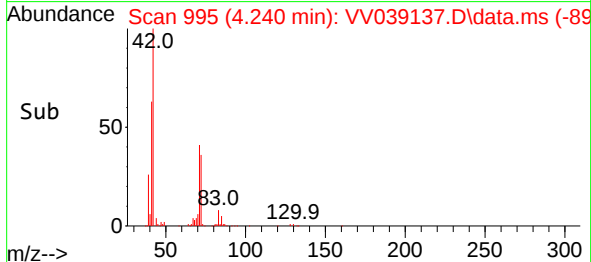
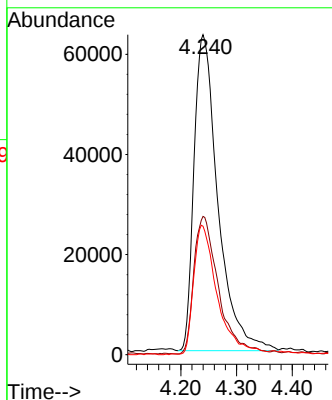
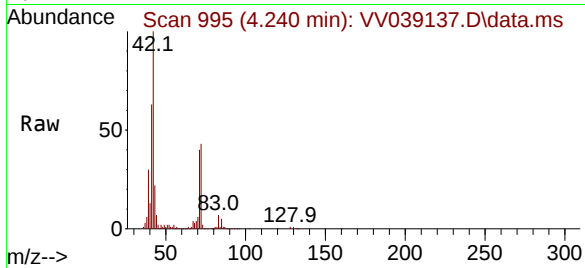




#29
Tetrahydrofuran
Concen: 51.879 ug/l
RT: 4.240 min Scan# 992
Delta R.T. 0.010 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

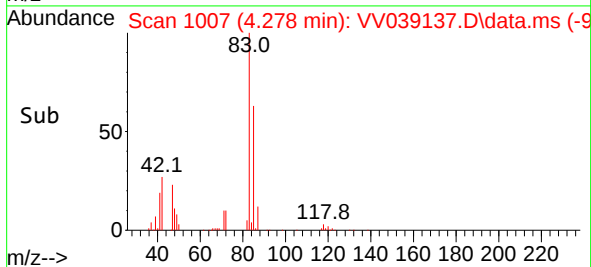
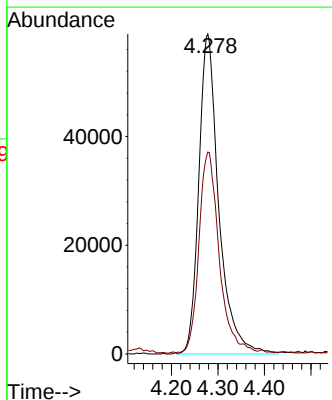
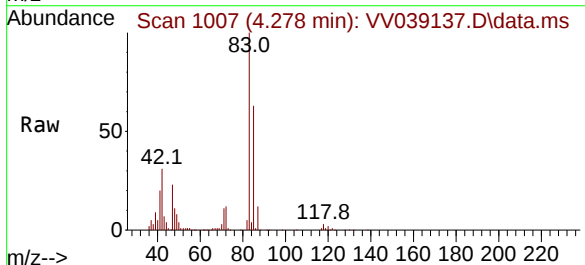
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC010

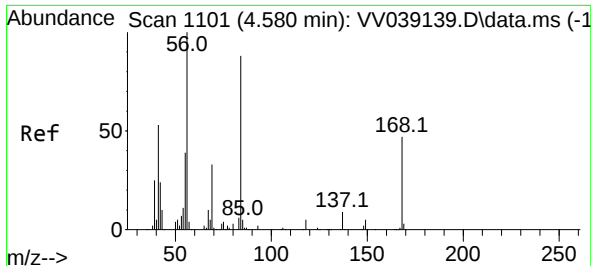
Tgt Ion: 42 Resp: 188818
Ion Ratio Lower Upper
42 100
72 43.7 36.3 54.5
71 40.0 34.3 51.5



#30
Chloroform
Concen: 10.652 ug/l
RT: 4.278 min Scan# 1007
Delta R.T. 0.003 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

Tgt Ion: 83 Resp: 175847
Ion Ratio Lower Upper
83 100
85 62.6 52.1 78.1

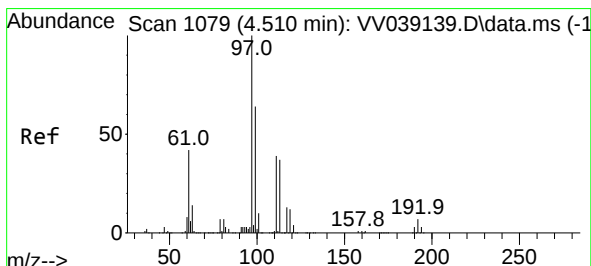
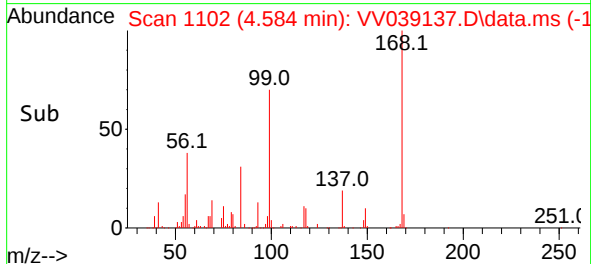
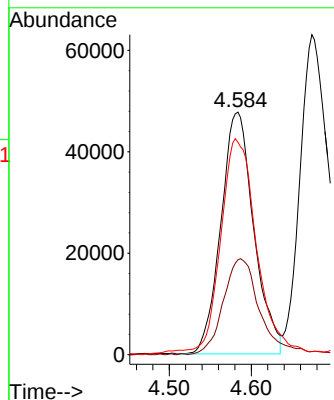
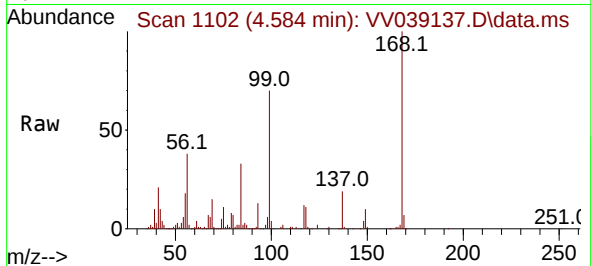




#31
Cyclohexane
Concen: 10.269 ug/l
RT: 4.584 min Scan# 1101
Delta R.T. 0.003 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

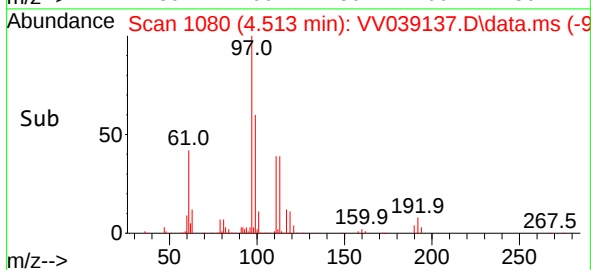
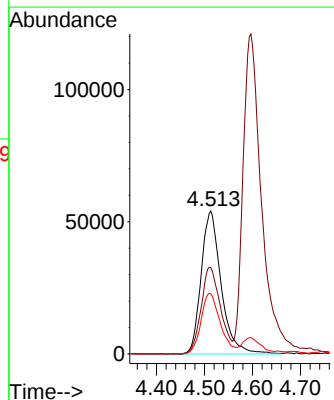
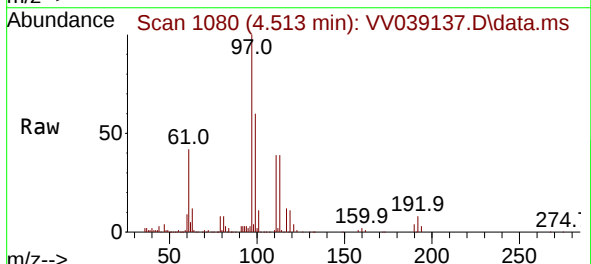
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

Tgt Ion: 56 Resp: 132996
Ion Ratio Lower Upper
56 100
69 38.9 26.2 39.2
84 86.0 70.3 105.5



#32
1,1,1-Trichloroethane
Concen: 10.966 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. 0.003 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

Tgt Ion: 97 Resp: 156733
Ion Ratio Lower Upper
97 100
99 58.2 49.6 74.4
61 40.9 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 10.688 ug/l

RT: 4.944 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VV039137.D

Acq: 22 Sep 2025 12:26

Instrument :

MSVOA_V

ClientSampleId :

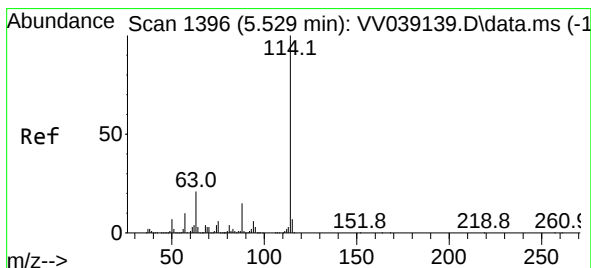
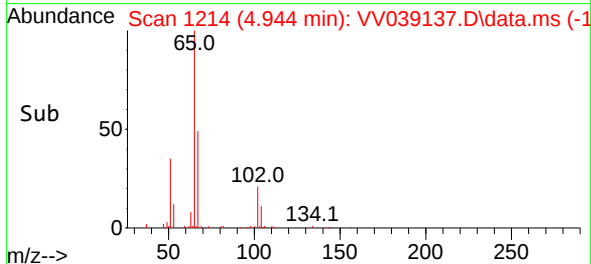
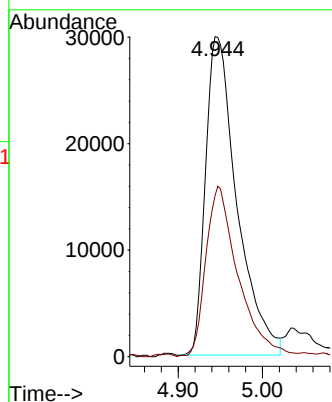
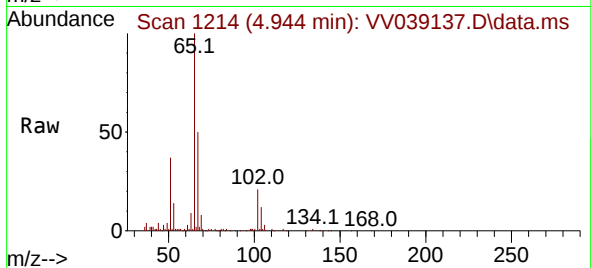
VSTDIC010

Tgt Ion: 65 Resp: 77610

Ion Ratio Lower Upper

65 100

67 54.9 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: VV039137.D

Acq: 22 Sep 2025 12:26

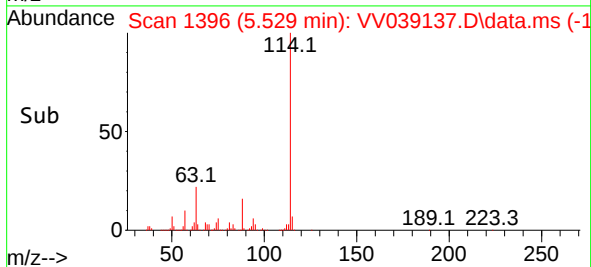
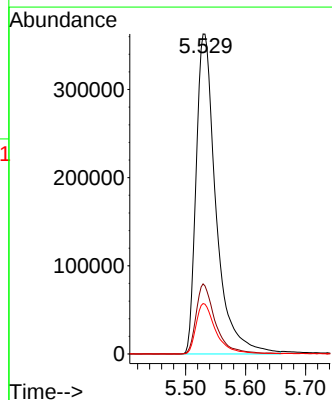
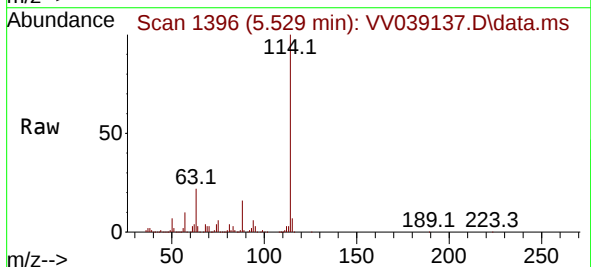
Tgt Ion: 114 Resp: 837272

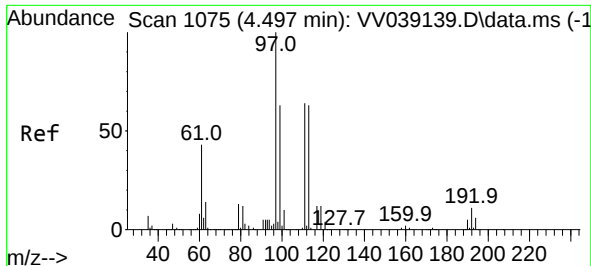
Ion Ratio Lower Upper

114 100

63 21.9 0.0 42.6

88 15.8 0.0 30.8

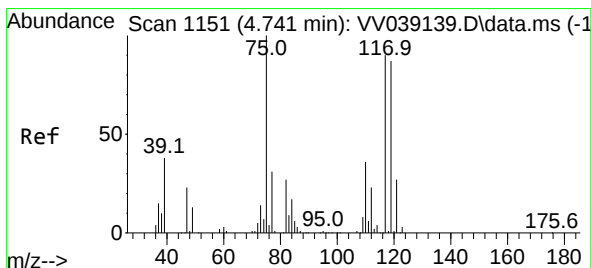
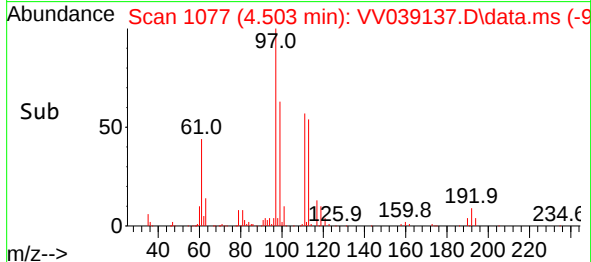
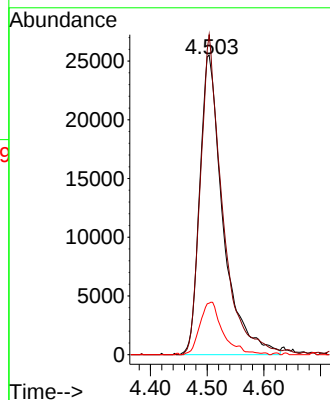
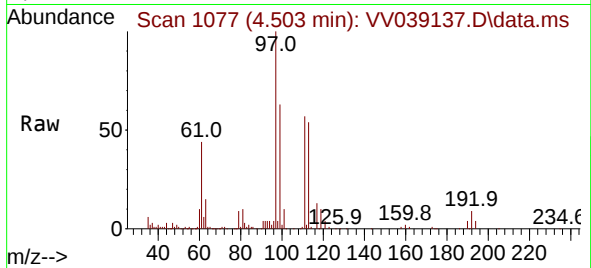




#35
Dibromofluoromethane
Concen: 10.833 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

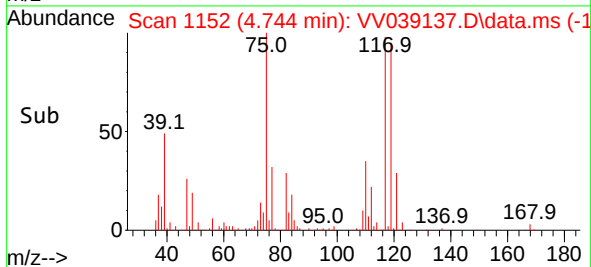
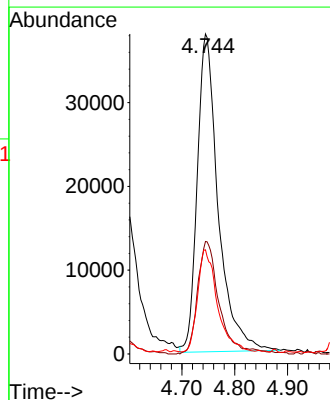
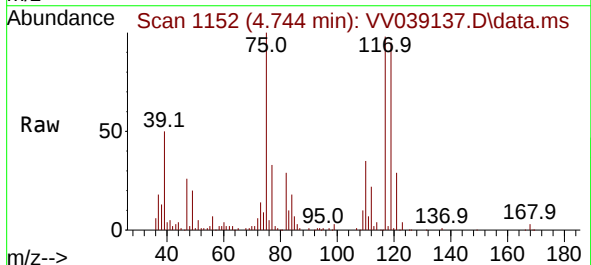
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

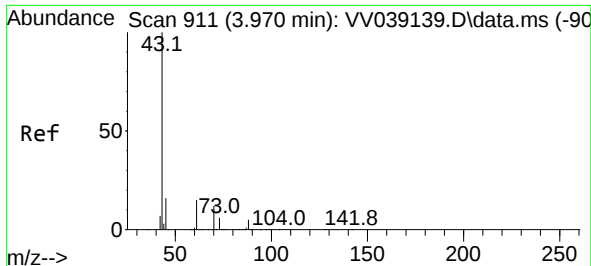
Tgt Ion:113 Resp: 72914
Ion Ratio Lower Upper
113 100
111 100.5 82.4 123.6
192 17.2 13.8 20.8



#36
1,1-Dichloropropene
Concen: 10.187 ug/l
RT: 4.744 min Scan# 1152
Delta R.T. 0.003 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

Tgt Ion: 75 Resp: 104420
Ion Ratio Lower Upper
75 100
110 35.4 18.1 54.1
77 30.2 24.8 37.2





#37

Ethyl Acetate

Concen: 9.520 ug/l

RT: 3.982 min Scan# 911

Delta R.T. 0.012 min

Lab File: VV039137.D

Acq: 22 Sep 2025 12:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

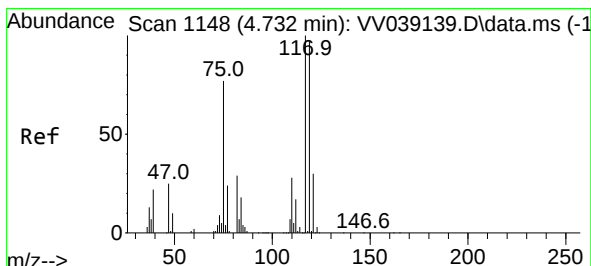
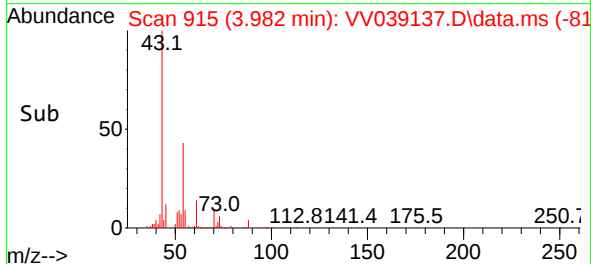
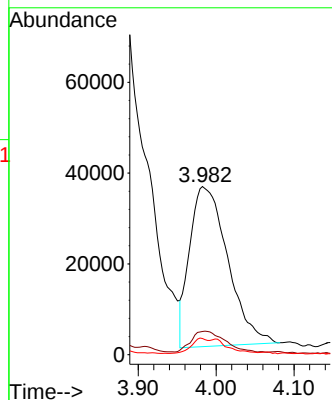
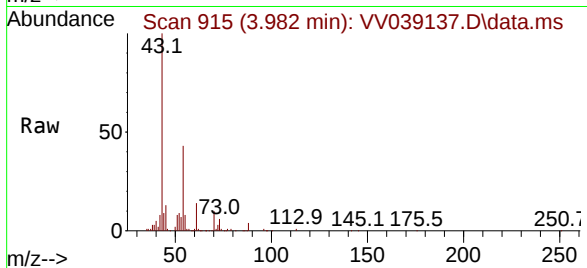
Tgt Ion: 43 Resp: 119710

Ion Ratio Lower Upper

43 100

61 11.2 10.3 15.5

70 4.3 8.0 12.0#



#38

Carbon Tetrachloride

Concen: 10.069 ug/l

RT: 4.732 min Scan# 1148

Delta R.T. -0.000 min

Lab File: VV039137.D

Acq: 22 Sep 2025 12:26

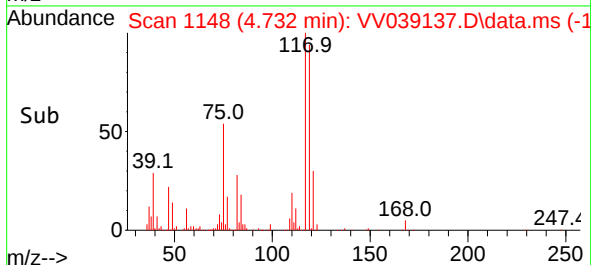
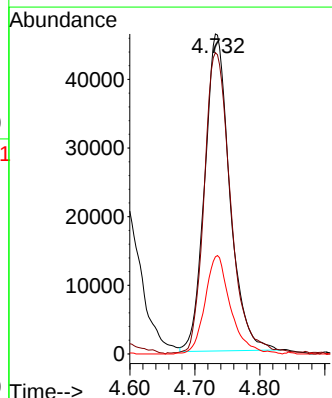
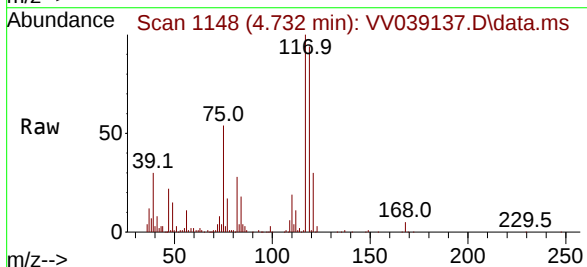
Tgt Ion: 117 Resp: 124321

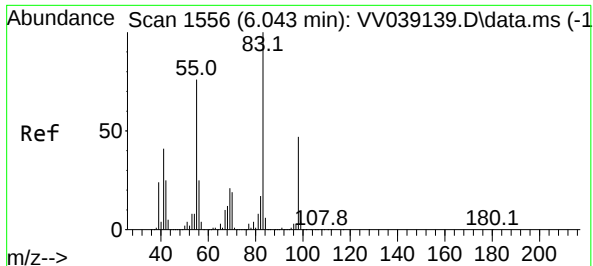
Ion Ratio Lower Upper

117 100

119 94.7 77.2 115.8

121 30.5 24.2 36.2





#39

Methylcyclohexane

Concen: 9.549 ug/l

RT: 6.043 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV039137.D

Acq: 22 Sep 2025 12:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

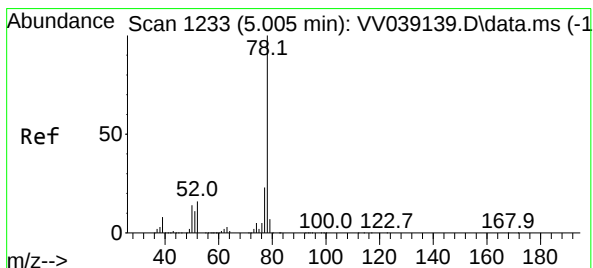
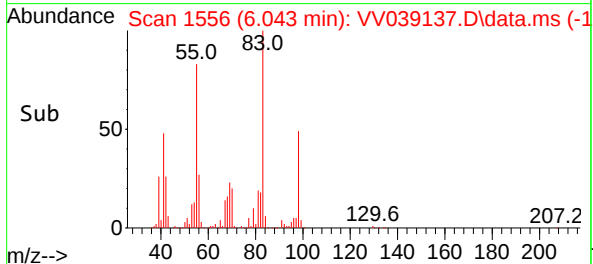
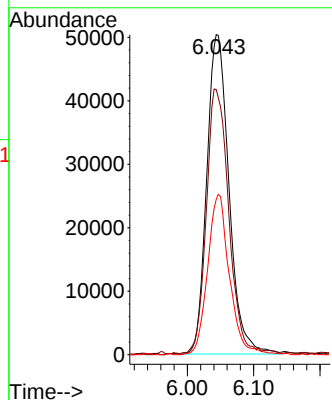
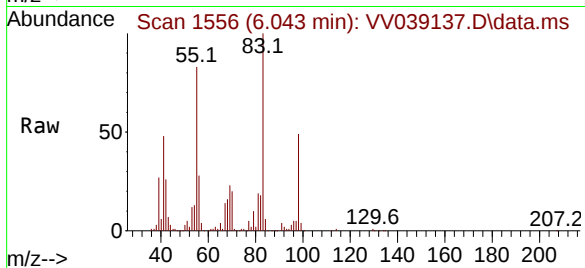
Tgt Ion: 83 Resp: 117354

Ion Ratio Lower Upper

83 100

55 82.7 60.5 90.7

98 48.6 37.8 56.6



#40

Benzene

Concen: 10.493 ug/l

RT: 5.008 min Scan# 1234

Delta R.T. 0.003 min

Lab File: VV039137.D

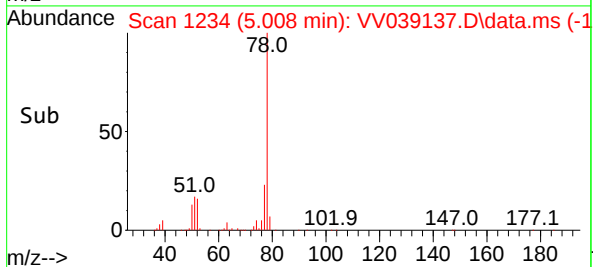
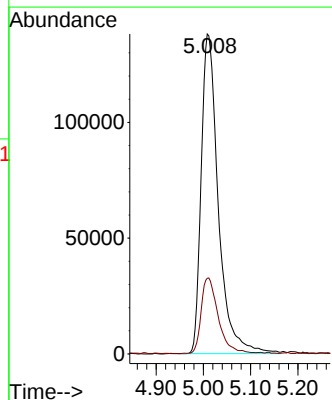
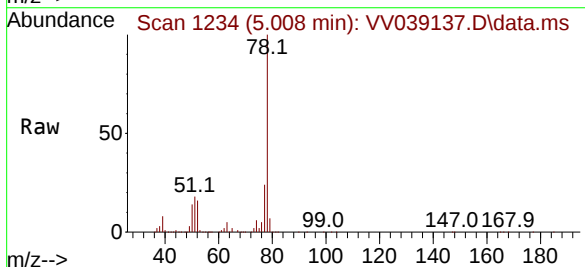
Acq: 22 Sep 2025 12:26

Tgt Ion: 78 Resp: 347728

Ion Ratio Lower Upper

78 100

77 23.5 18.7 28.1

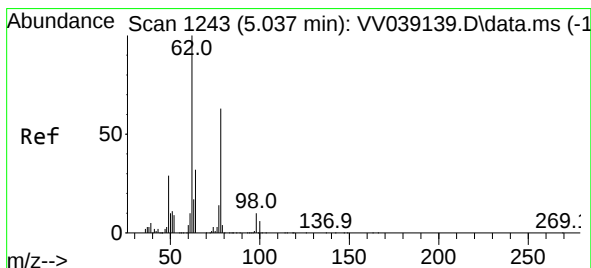
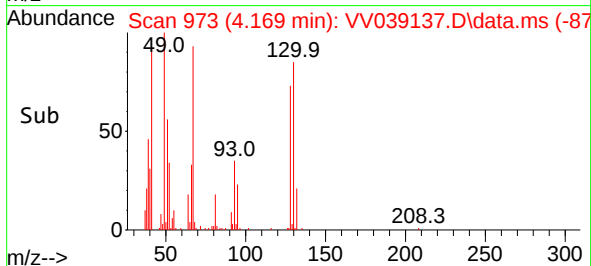
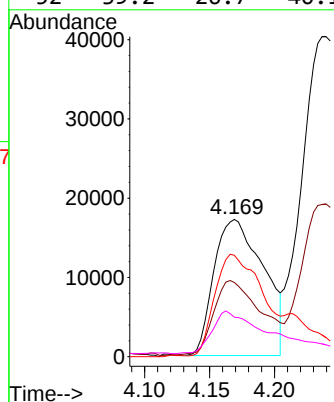
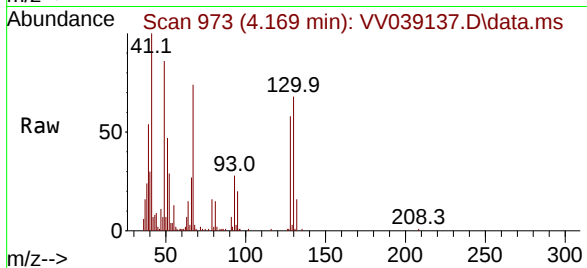




#41
Methacrylonitrile
Concen: 9.764 ug/l
RT: 4.169 min Scan# 91
Delta R.T. 0.016 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

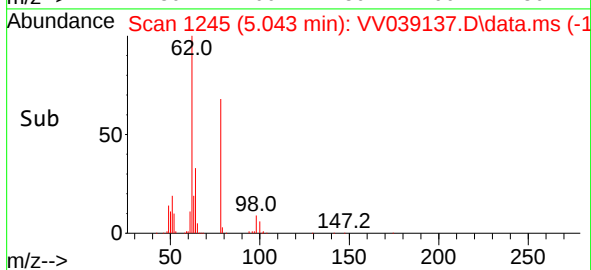
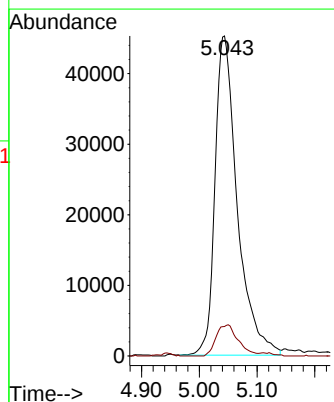
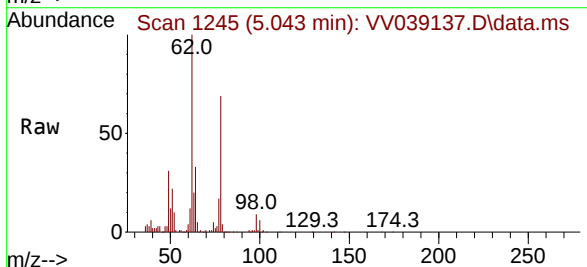
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

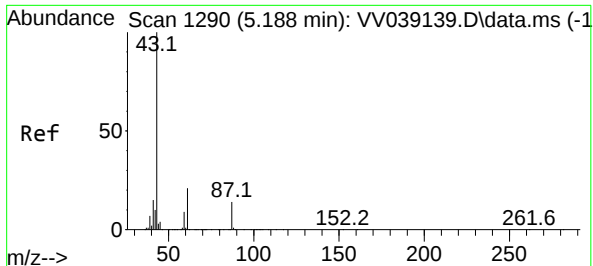
Tgt Ion:	41	Resp:	45674
Ion	Ratio	Lower	Upper
41	100		
39	53.9	42.2	63.2
67	70.9	67.9	101.9
52	39.2	26.7	40.1



#42
1,2-Dichloroethane
Concen: 10.458 ug/l
RT: 5.043 min Scan# 1245
Delta R.T. 0.006 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

Tgt Ion:	62	Resp:	121437
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.2





#43

Isopropyl Acetate

Concen: 9.980 ug/l

RT: 5.195 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV039137.D

Acq: 22 Sep 2025 12:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

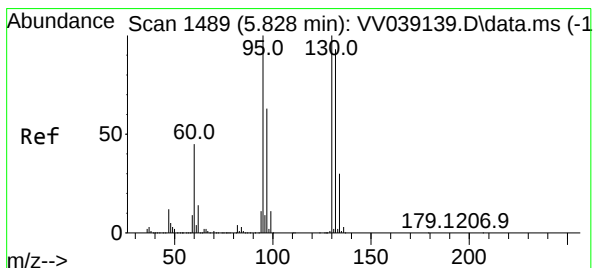
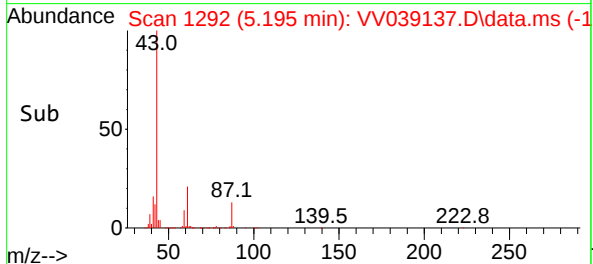
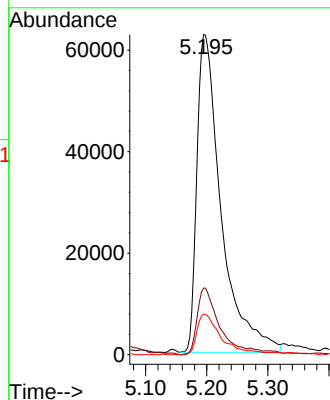
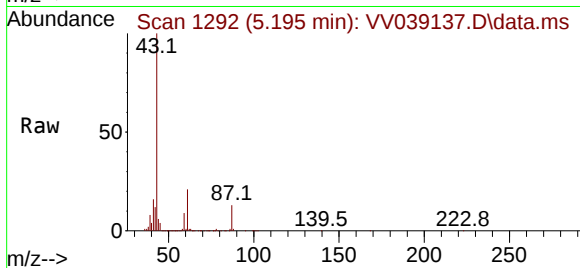
Tgt Ion: 43 Resp: 172880

Ion Ratio Lower Upper

43 100

61 18.5 15.9 23.9

87 12.7 11.0 16.6



#44

Trichloroethene

Concen: 10.324 ug/l

RT: 5.834 min Scan# 1491

Delta R.T. 0.006 min

Lab File: VV039137.D

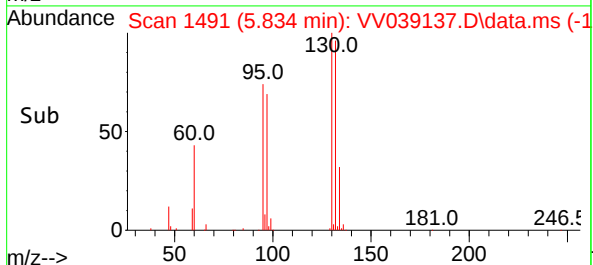
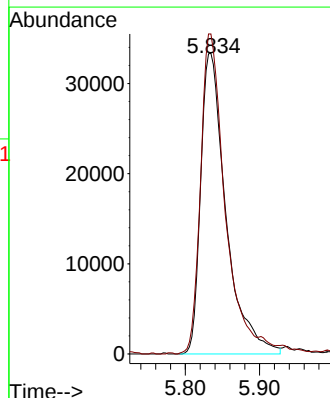
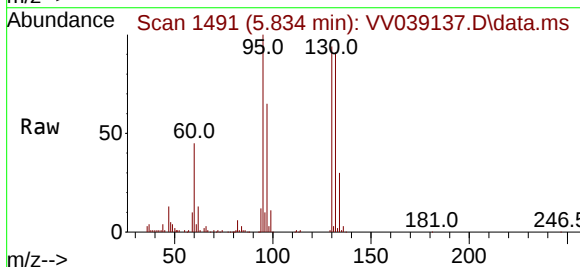
Acq: 22 Sep 2025 12:26

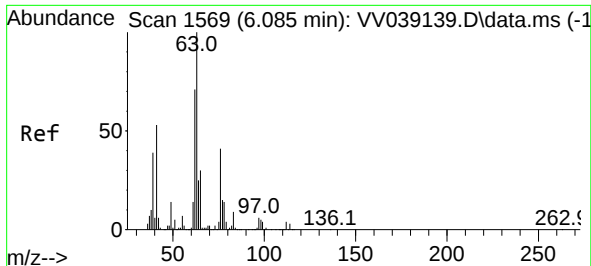
Tgt Ion:130 Resp: 78943

Ion Ratio Lower Upper

130 100

95 106.2 0.0 199.2





#45

1,2-Dichloropropane

Concen: 10.355 ug/l

RT: 6.092 min Scan# 1571

Delta R.T. 0.006 min

Lab File: VV039137.D

Acq: 22 Sep 2025 12:26

Instrument :

MSVOA_V

ClientSampleId :

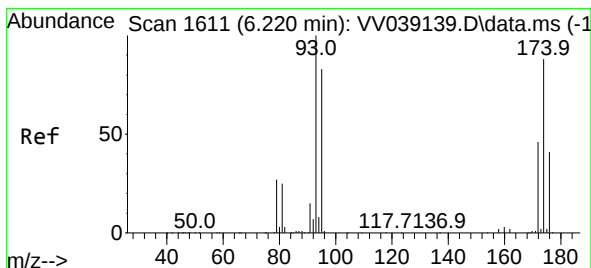
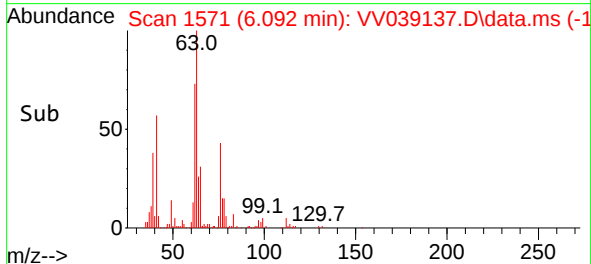
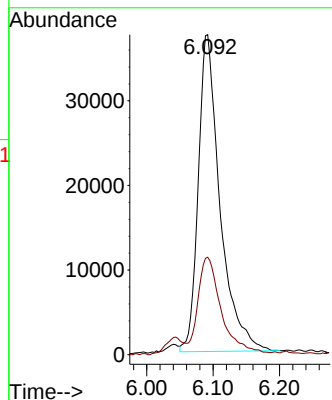
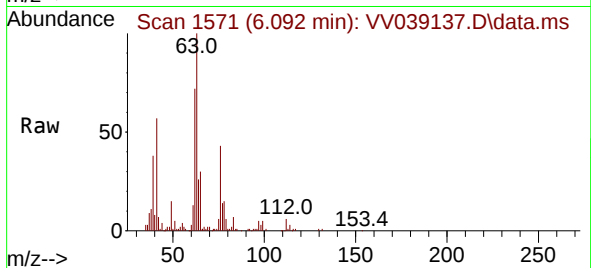
VSTDIC010

Tgt Ion: 63 Resp: 85295

Ion Ratio Lower Upper

63 100

65 30.3 23.7 35.5



#46

Dibromomethane

Concen: 10.424 ug/l

RT: 6.230 min Scan# 1614

Delta R.T. 0.010 min

Lab File: VV039137.D

Acq: 22 Sep 2025 12:26

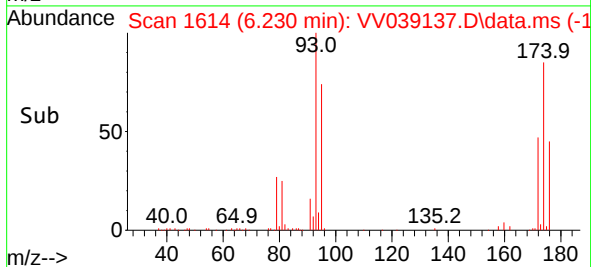
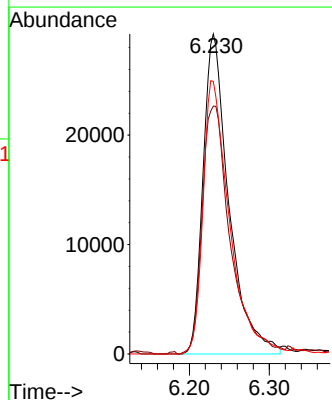
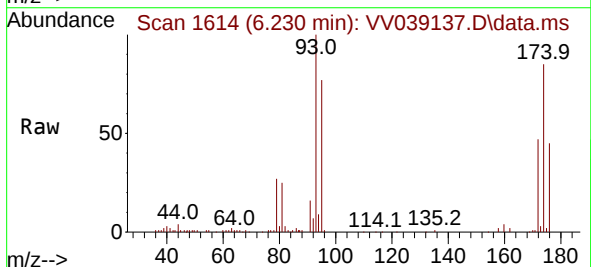
Tgt Ion: 93 Resp: 65717

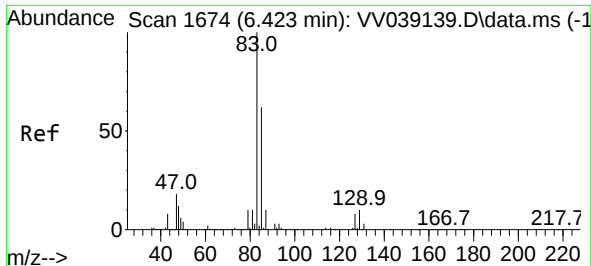
Ion Ratio Lower Upper

93 100

95 84.5 65.5 98.3

174 87.7 69.0 103.4

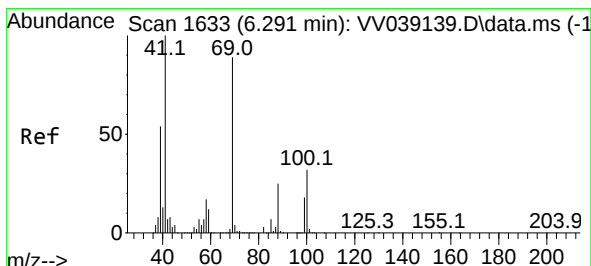
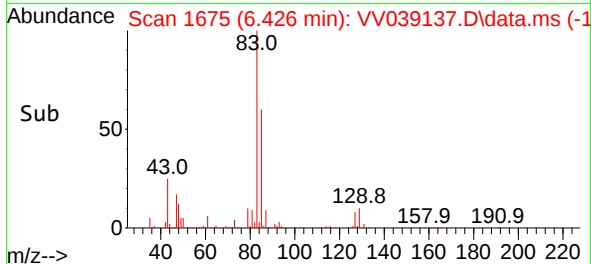
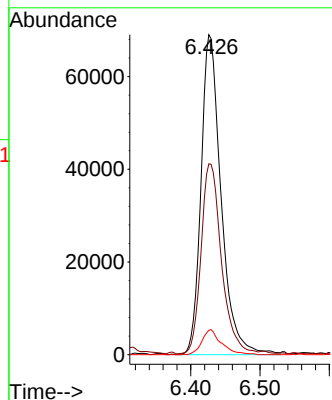
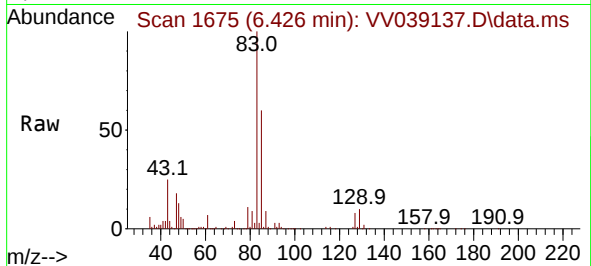




#47
Bromodichloromethane
Concen: 10.685 ug/l
RT: 6.426 min Scan# 1674
Delta R.T. 0.003 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

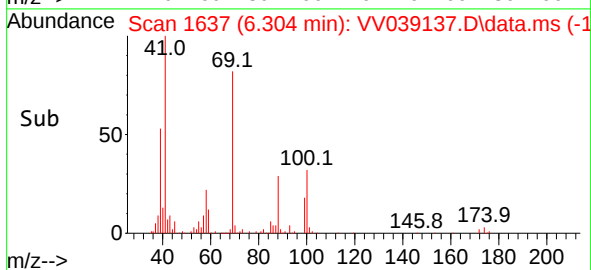
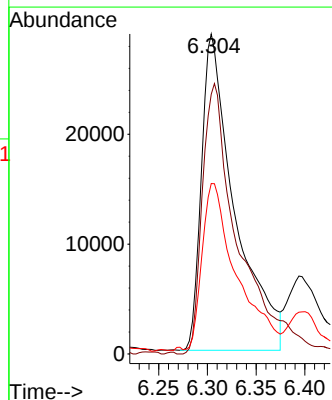
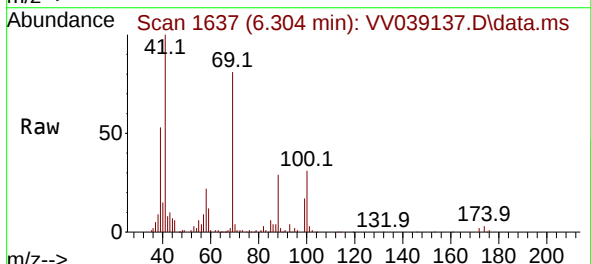
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

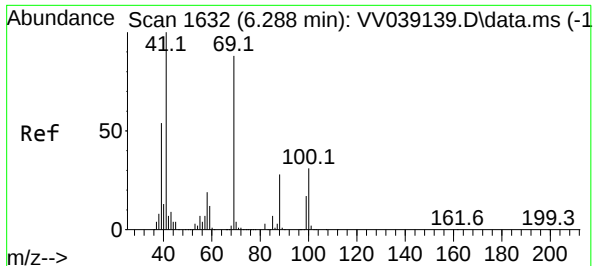
Tgt Ion: 83 Resp: 139261
Ion Ratio Lower Upper
83 100
85 59.3 49.7 74.5
127 7.6 6.6 9.8



#48
Methyl methacrylate
Concen: 8.639 ug/l
RT: 6.304 min Scan# 1637
Delta R.T. 0.013 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

Tgt Ion: 41 Resp: 68465
Ion Ratio Lower Upper
41 100
69 93.4 72.4 108.6
39 54.3 42.5 63.7





#49

1,4-Dioxane

Concen: 190.260 ug/l

RT: 6.297 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV039137.D

Acq: 22 Sep 2025 12:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

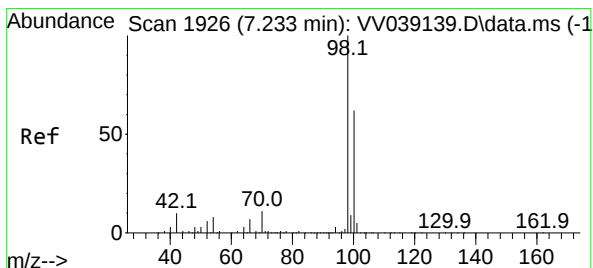
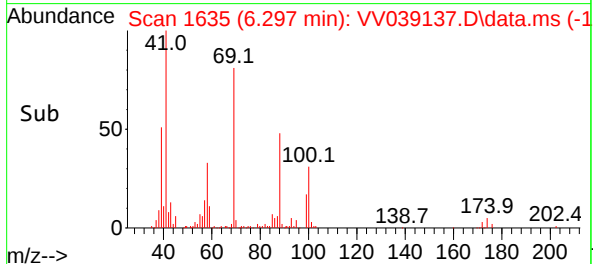
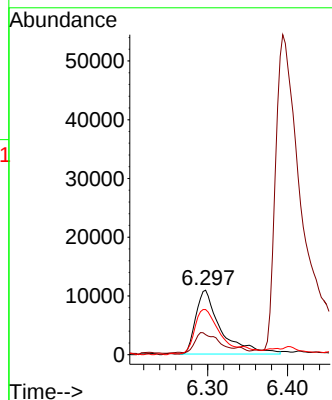
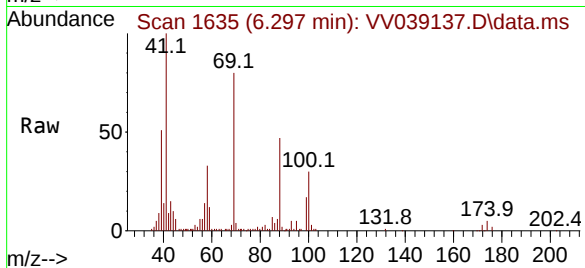
Tgt Ion: 88 Resp: 23699

Ion Ratio Lower Upper

88 100

43 31.1 25.1 37.7

58 65.5 53.6 80.4



#50

Toluene-d8

Concen: 9.879 ug/l

RT: 7.240 min Scan# 1928

Delta R.T. 0.006 min

Lab File: VV039137.D

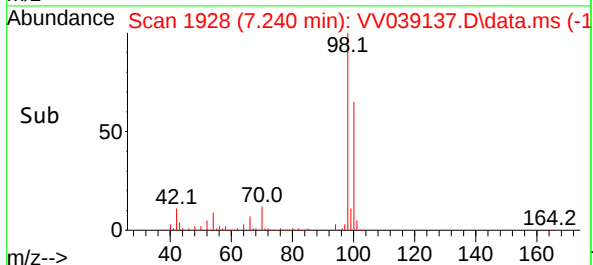
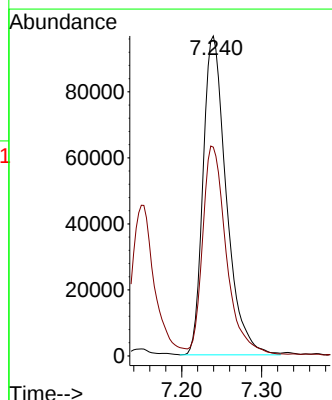
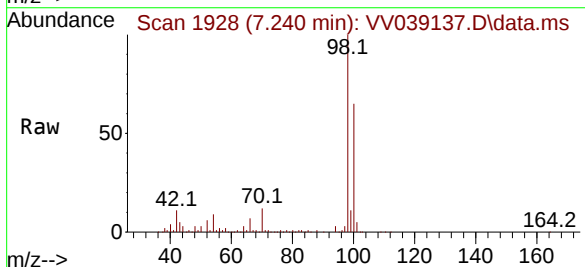
Acq: 22 Sep 2025 12:26

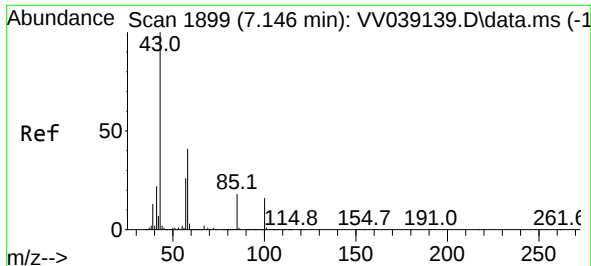
Tgt Ion: 98 Resp: 195300

Ion Ratio Lower Upper

98 100

100 66.5 52.2 78.2

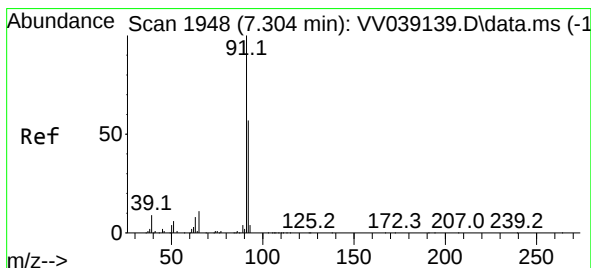
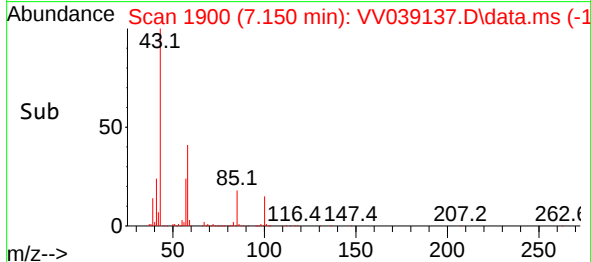
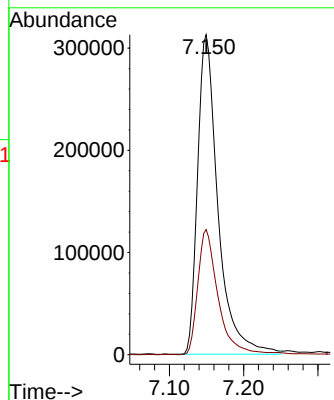
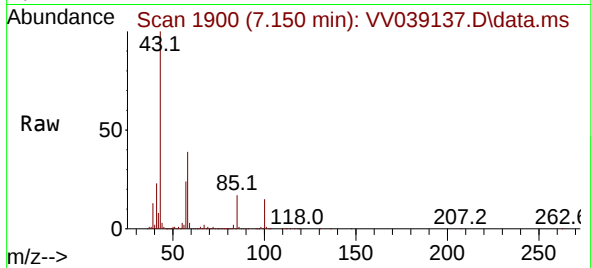




#51
4-Methyl-2-Pentanone
Concen: 54.051 ug/l
RT: 7.150 min Scan# 1900
Delta R.T. 0.003 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

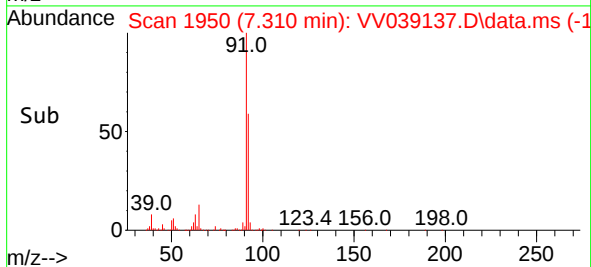
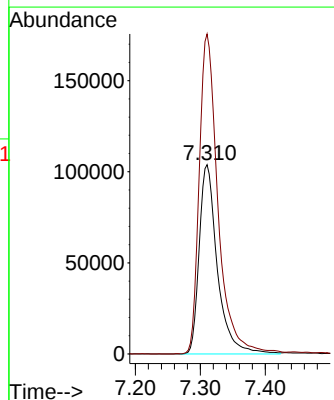
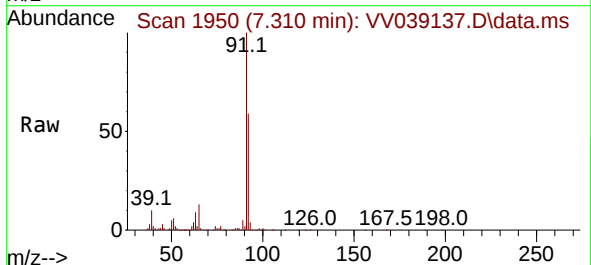
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 598702
Ion Ratio Lower Upper
43 100
58 38.7 32.3 48.5



#52
Toluene
Concen: 10.552 ug/l
RT: 7.310 min Scan# 1950
Delta R.T. 0.006 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

Tgt Ion: 92 Resp: 202741
Ion Ratio Lower Upper
92 100
91 174.4 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 10.329 ug/l

RT: 7.580 min Scan# 2031

Delta R.T. 0.009 min

Lab File: VV039137.D

Acq: 22 Sep 2025 12:26

Instrument :

MSVOA_V

ClientSampleId :

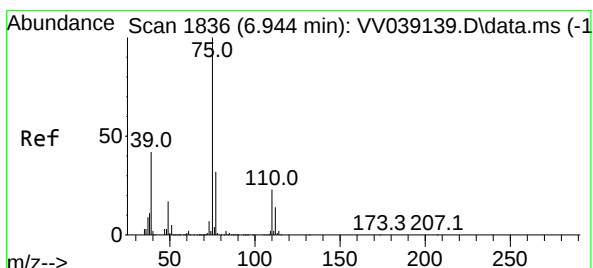
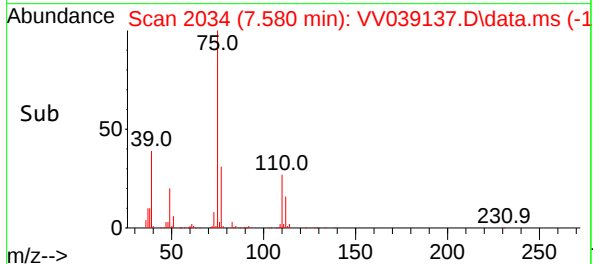
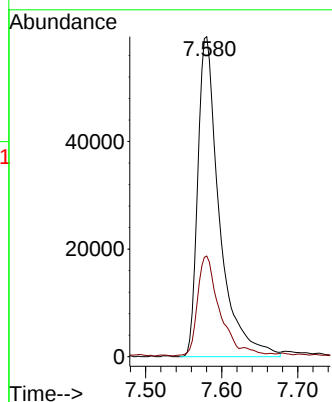
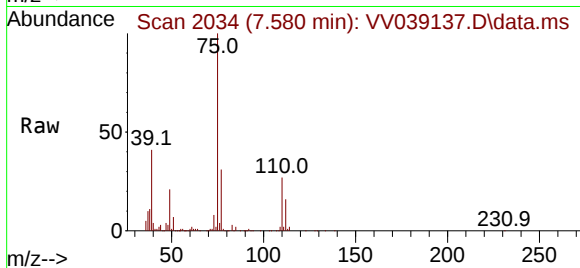
VSTDIC010

Tgt Ion: 75 Resp: 117314

Ion Ratio Lower Upper

75 100

77 31.0 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 10.729 ug/l

RT: 6.950 min Scan# 1838

Delta R.T. 0.006 min

Lab File: VV039137.D

Acq: 22 Sep 2025 12:26

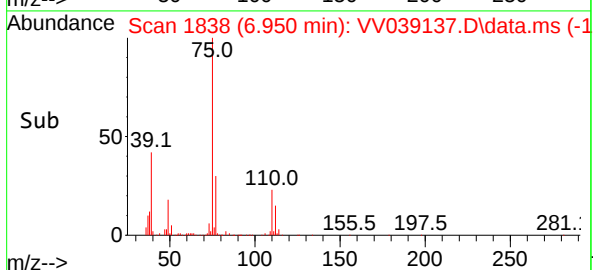
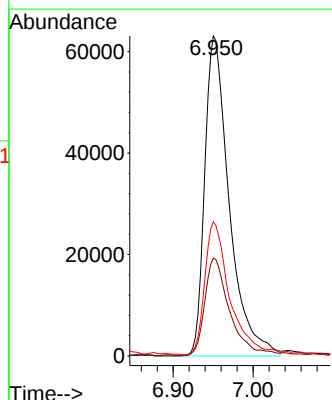
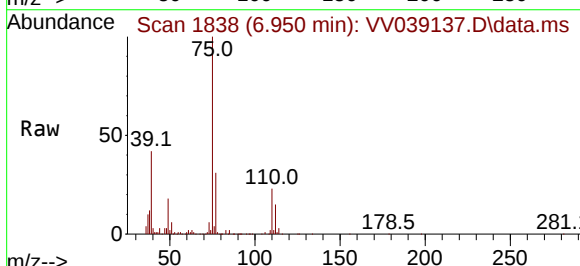
Tgt Ion: 75 Resp: 134529

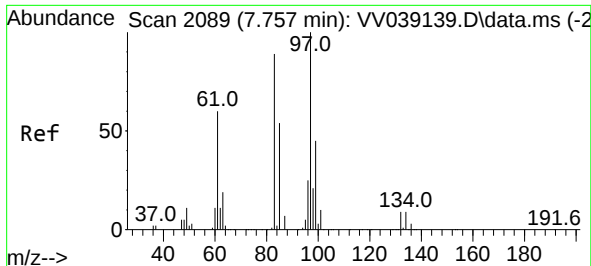
Ion Ratio Lower Upper

75 100

77 30.3 25.5 38.3

39 41.5 33.8 50.6

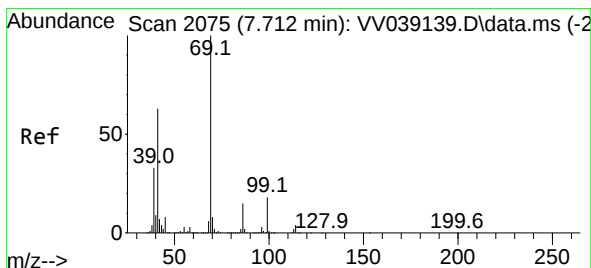
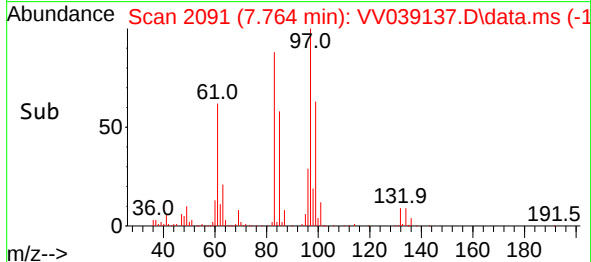
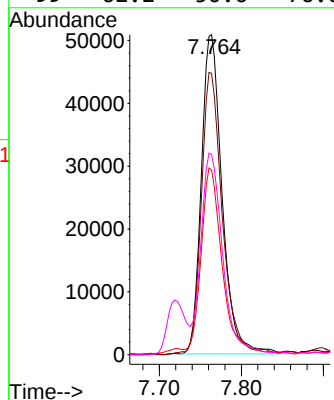
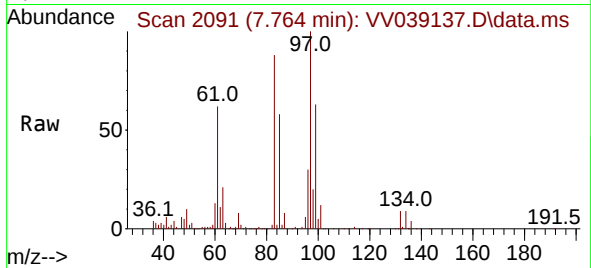




#55
1,1,2-Trichloroethane
Concen: 10.376 ug/l
RT: 7.764 min Scan# 2091
Delta R.T. 0.007 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

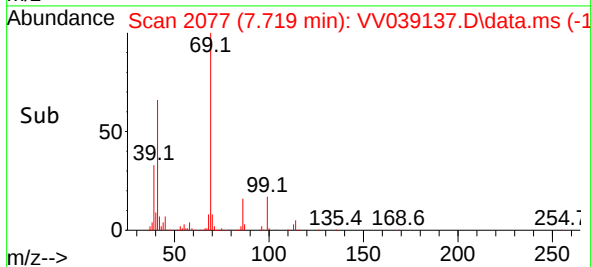
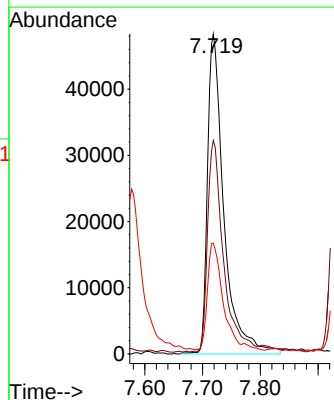
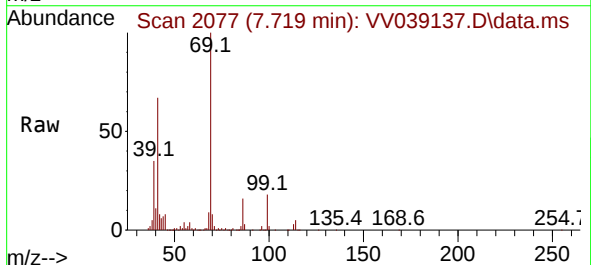
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

Tgt Ion:	97	Resp:	89390
Ion	Ratio	Lower	Upper
97	100		
83	87.4	71.1	106.7
85	57.3	44.6	67.0
99	62.2	50.6	76.0



#56
Ethyl methacrylate
Concen: 9.313 ug/l
RT: 7.719 min Scan# 2077
Delta R.T. 0.007 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

Tgt Ion:	69	Resp:	95279
Ion	Ratio	Lower	Upper
69	100		
41	63.5	50.7	76.1
39	30.5	26.0	39.0





#57

1,3-Dichloropropane

Concen: 10.607 ug/l

RT: 7.934 min Scan# 2143

Delta R.T. 0.003 min

Lab File: VV039137.D

Acq: 22 Sep 2025 12:26

Instrument :

MSVOA_V

ClientSampleId :

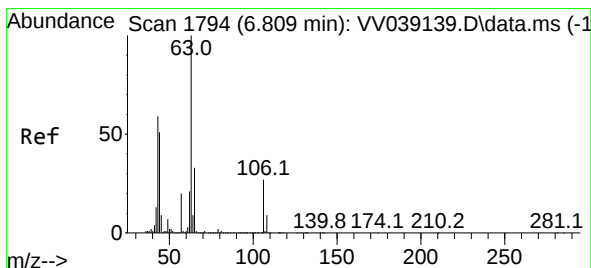
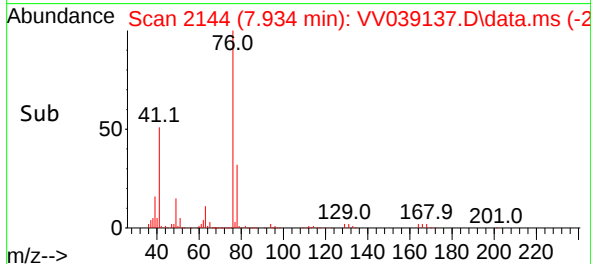
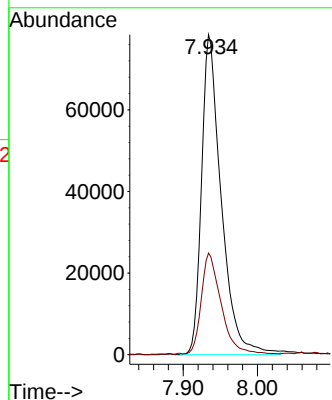
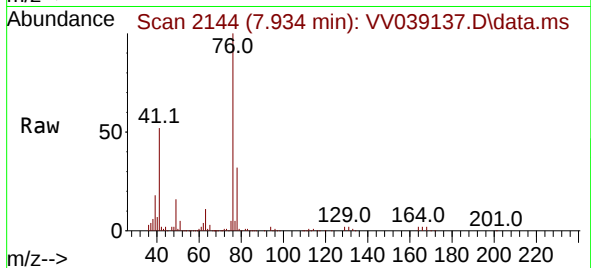
VSTDICC010

Tgt Ion: 76 Resp: 144218

Ion Ratio Lower Upper

76 100

78 31.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 46.148 ug/l

RT: 6.815 min Scan# 1796

Delta R.T. 0.006 min

Lab File: VV039137.D

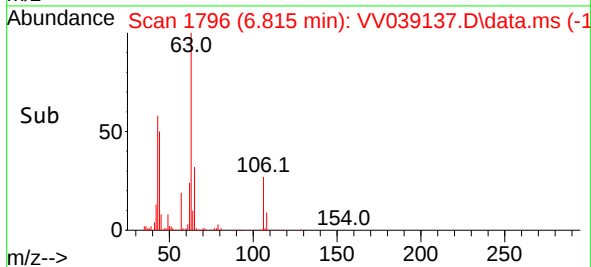
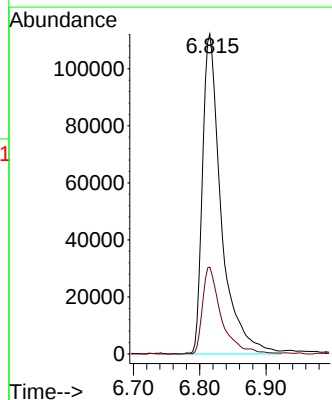
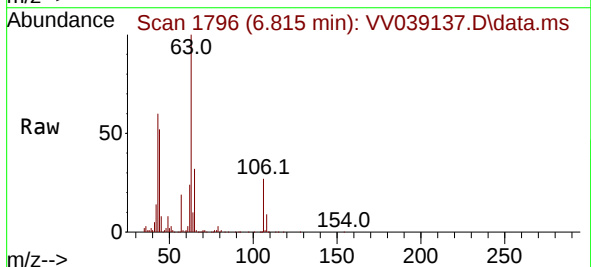
Acq: 22 Sep 2025 12:26

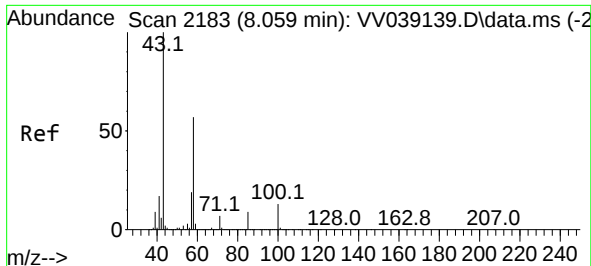
Tgt Ion: 63 Resp: 220693

Ion Ratio Lower Upper

63 100

106 27.2 22.1 33.1

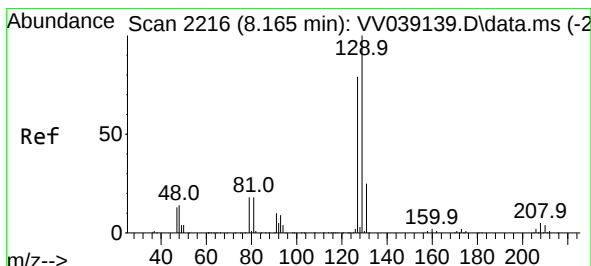
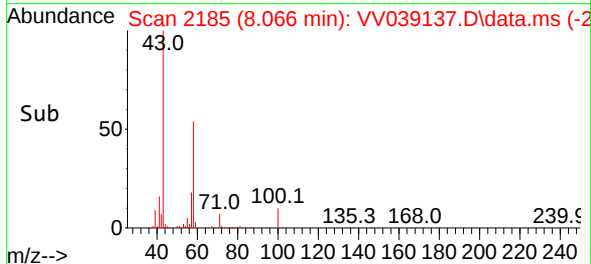
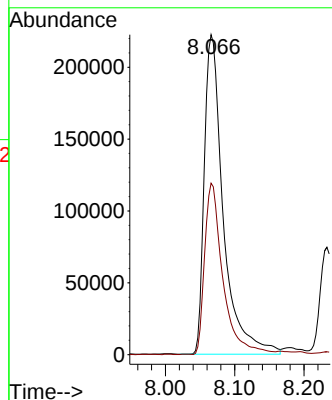
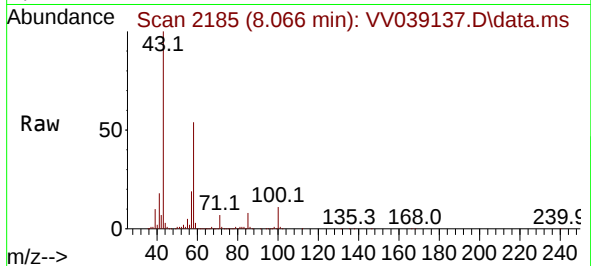




#59
2-Hexanone
Concen: 49.020 ug/l
RT: 8.066 min Scan# 2185
Delta R.T. 0.007 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

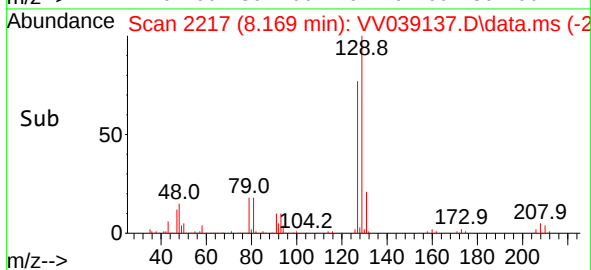
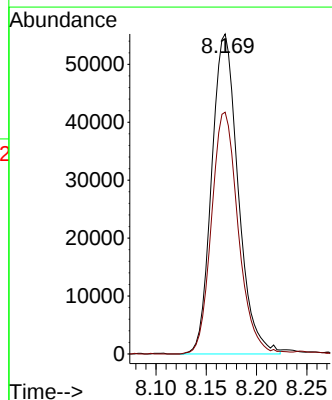
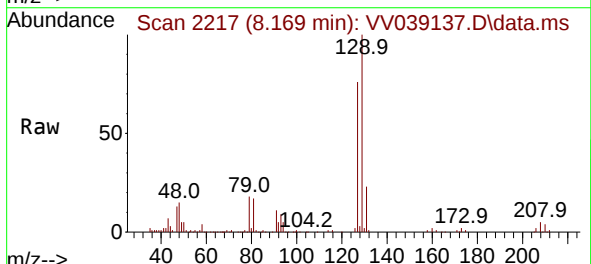
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 422703
Ion Ratio Lower Upper
43 100
58 51.7 28.3 85.0



#60
Dibromochloromethane
Concen: 10.313 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

Tgt Ion: 129 Resp: 101236
Ion Ratio Lower Upper
129 100
127 76.4 39.3 117.9

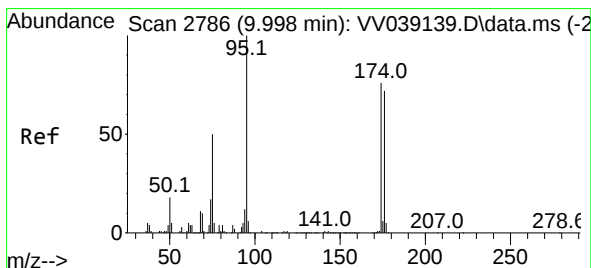
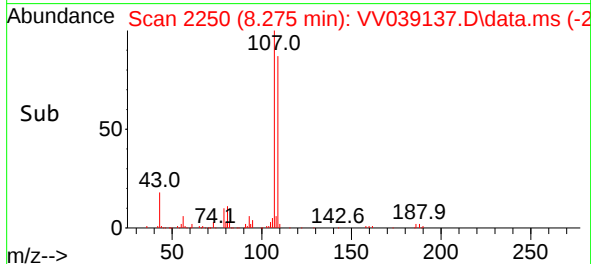
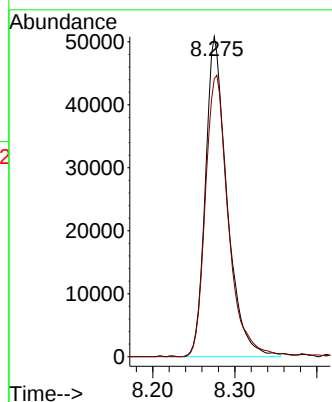
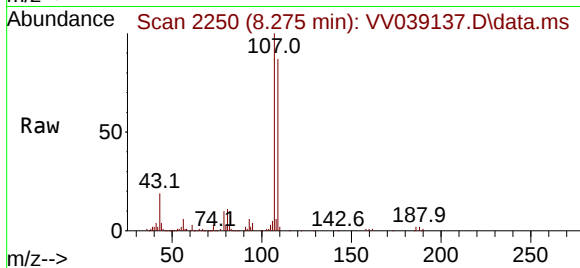




#61
1,2-Dibromoethane
Concen: 10.576 ug/l
RT: 8.275 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

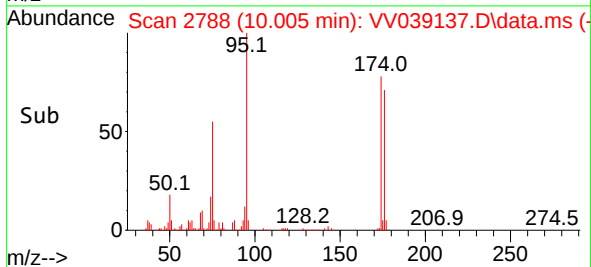
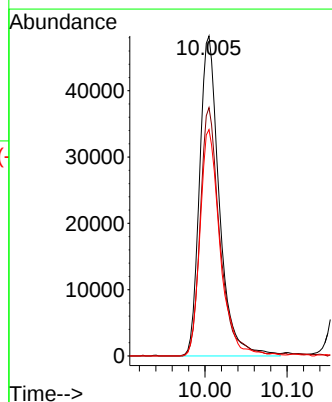
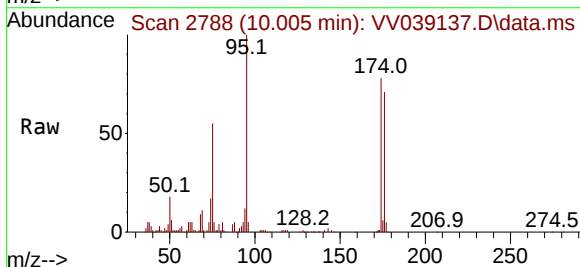
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC010

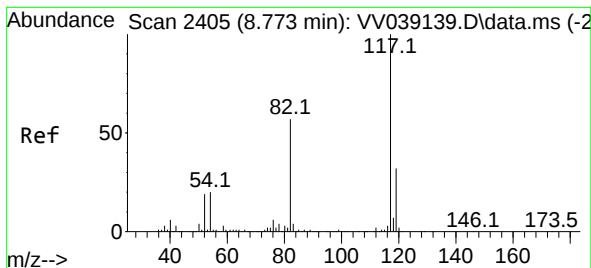
Tgt Ion:107 Resp: 93182
Ion Ratio Lower Upper
107 100
109 93.6 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 9.902 ug/l
RT: 10.005 min Scan# 2788
Delta R.T. 0.006 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

Tgt Ion: 95 Resp: 80587
Ion Ratio Lower Upper
95 100
174 77.1 0.0 150.4
176 71.7 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: VV039137.D

Acq: 22 Sep 2025 12:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

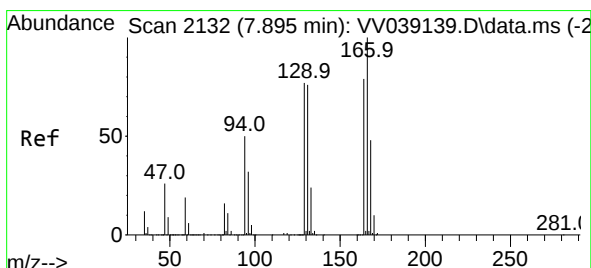
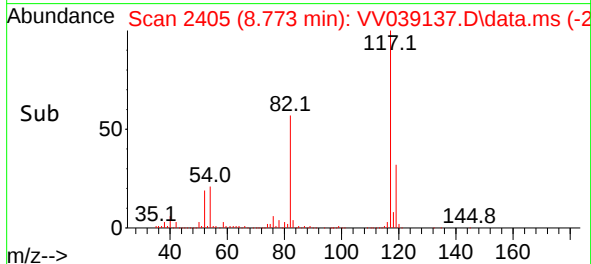
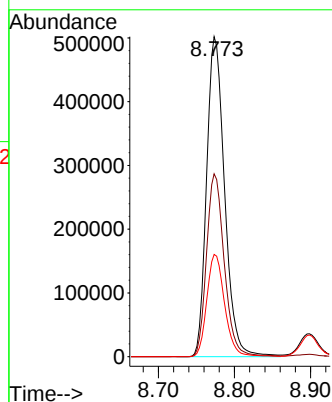
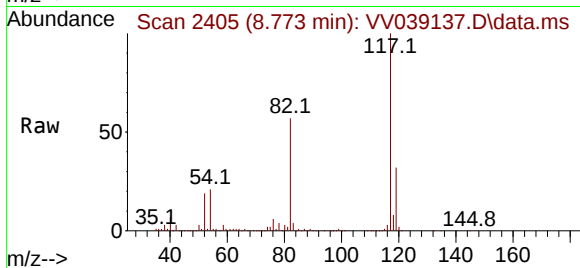
Tgt Ion:117 Resp: 824583

Ion Ratio Lower Upper

117 100

82 57.1 45.4 68.2

119 31.9 25.6 38.4



#64

Tetrachloroethene

Concen: 10.397 ug/l

RT: 7.899 min Scan# 2133

Delta R.T. 0.003 min

Lab File: VV039137.D

Acq: 22 Sep 2025 12:26

Tgt Ion:164 Resp: 71811

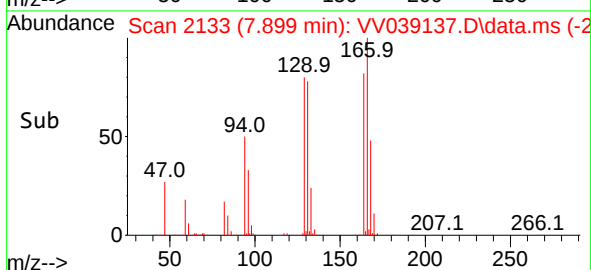
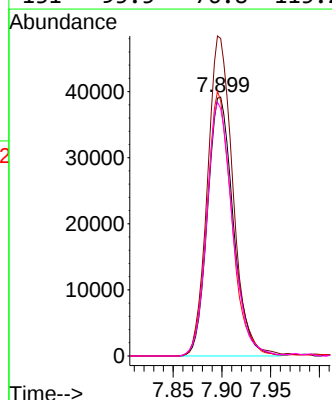
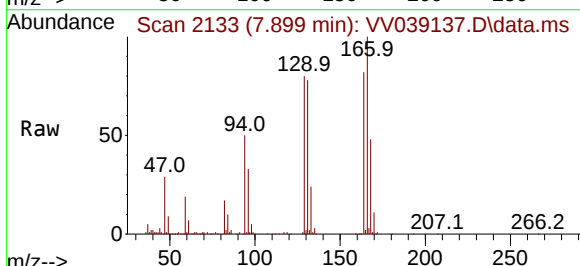
Ion Ratio Lower Upper

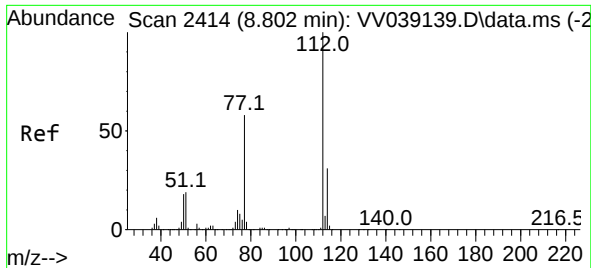
164 100

166 122.7 101.6 152.4

129 98.7 78.5 117.7

131 95.5 76.8 115.2

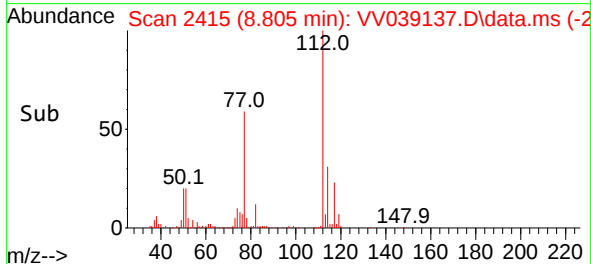
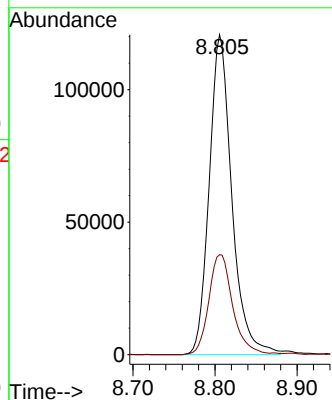
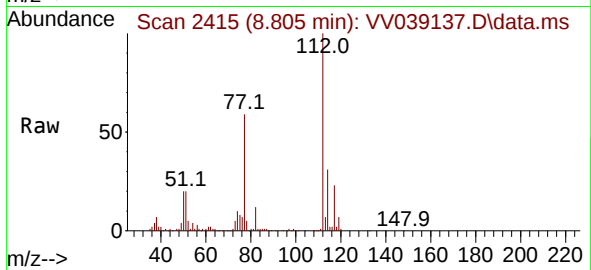




#65
Chlorobenzene
Concen: 10.072 ug/l
RT: 8.805 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

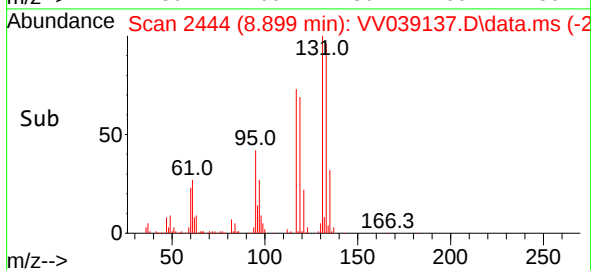
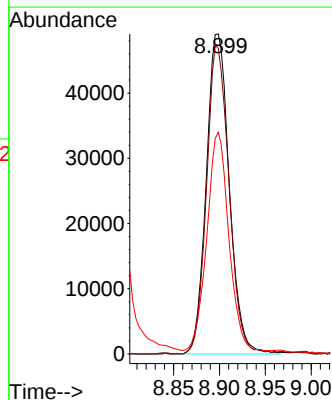
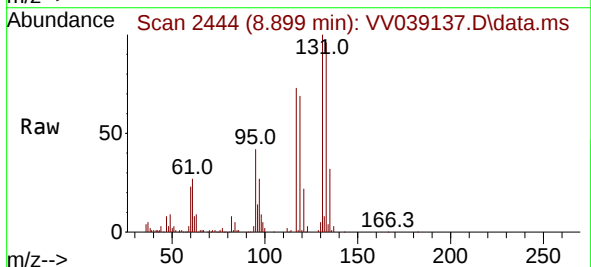
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

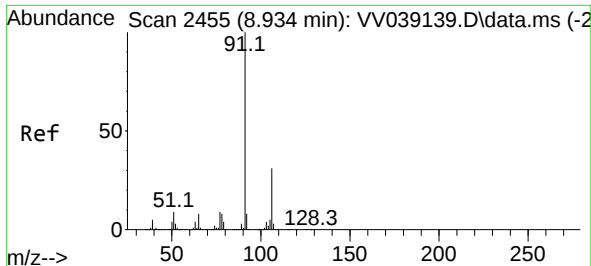
Tgt Ion:112 Resp: 231329
Ion Ratio Lower Upper
112 100
114 31.3 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 10.324 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.003 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

Tgt Ion:131 Resp: 85678
Ion Ratio Lower Upper
131 100
133 94.3 47.3 141.8
119 65.4 33.3 99.8





#67

Ethyl Benzene

Concen: 9.618 ug/l

RT: 8.937 min Scan# 2455

Delta R.T. 0.003 min

Lab File: VV039137.D

Acq: 22 Sep 2025 12:26

Instrument :

MSVOA_V

ClientSampleId :

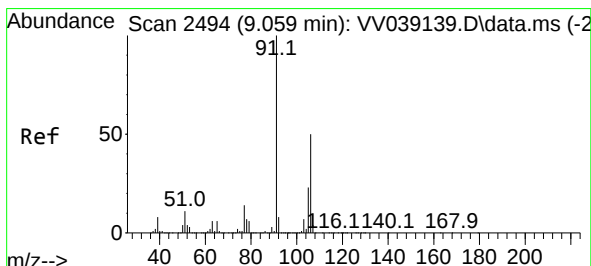
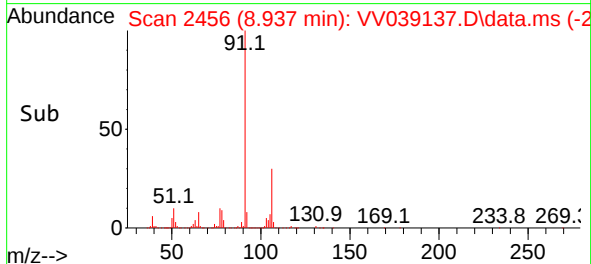
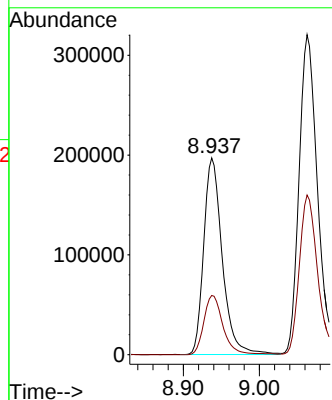
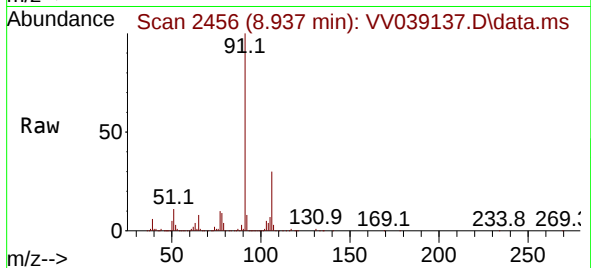
VSTDIC010

Tgt Ion: 91 Resp: 334394

Ion Ratio Lower Upper

91 100

106 30.1 24.6 37.0



#68

m/p-Xylenes

Concen: 20.155 ug/l

RT: 9.063 min Scan# 2495

Delta R.T. 0.004 min

Lab File: VV039137.D

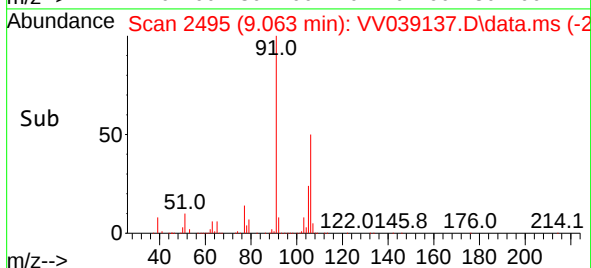
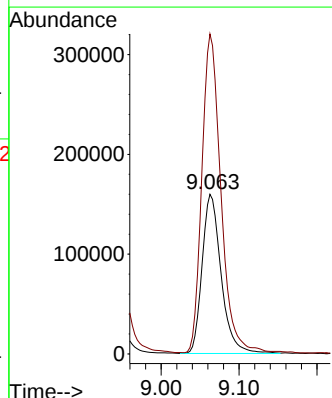
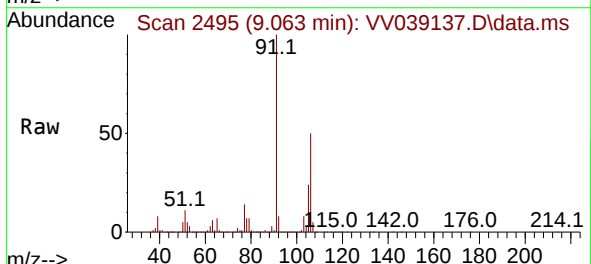
Acq: 22 Sep 2025 12:26

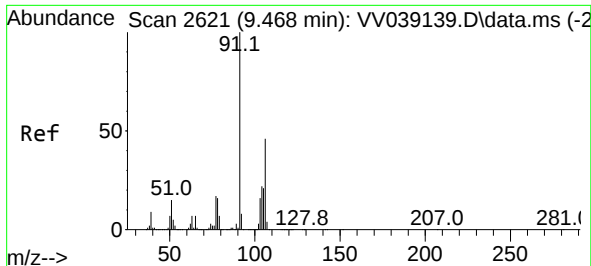
Tgt Ion: 106 Resp: 270452

Ion Ratio Lower Upper

106 100

91 202.1 162.5 243.7

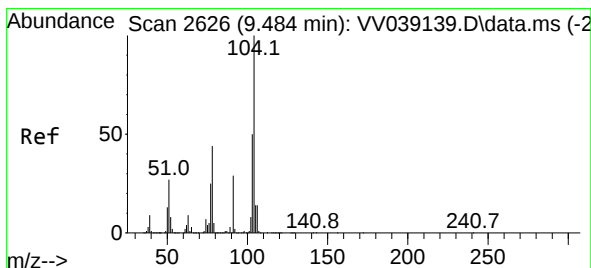
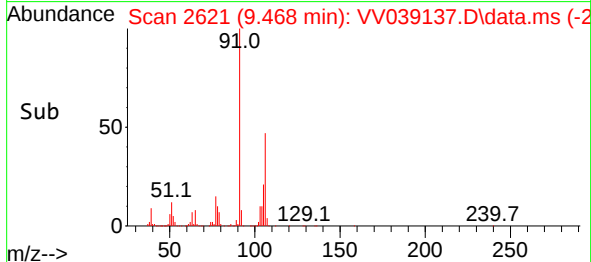
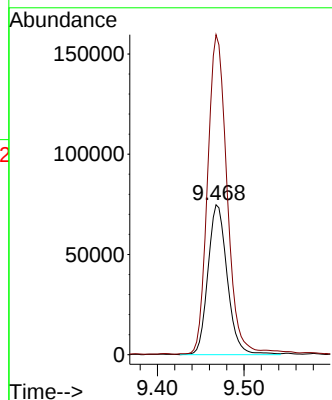
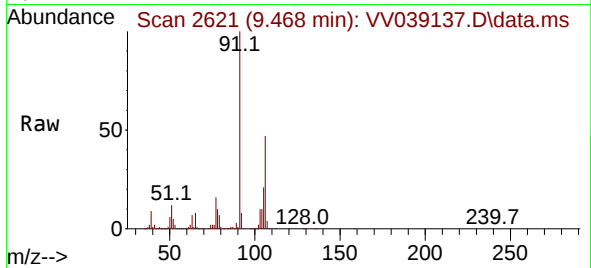




#69
o-Xylene
Concen: 9.756 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

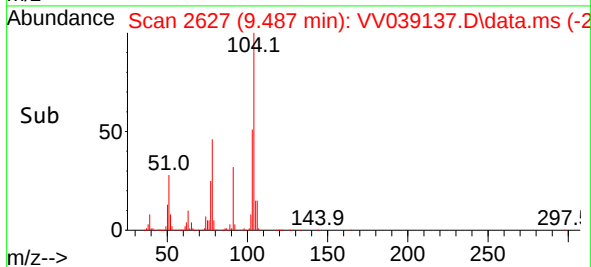
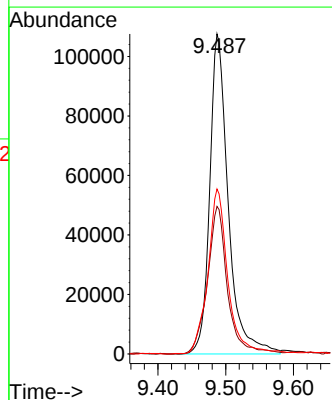
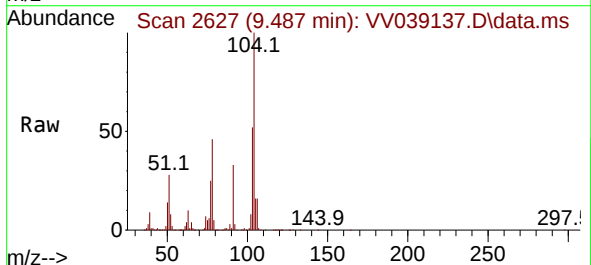
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

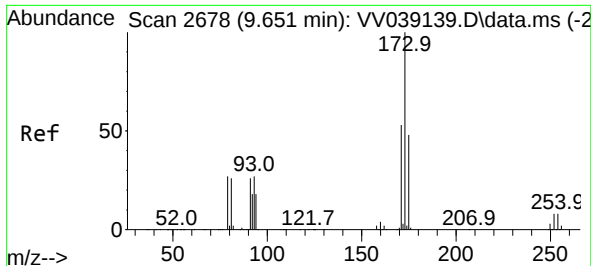
Tgt Ion:106 Resp: 115922
Ion Ratio Lower Upper
106 100
91 212.5 109.1 327.3



#70
Styrene
Concen: 9.382 ug/l
RT: 9.487 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

Tgt Ion:104 Resp: 204368
Ion Ratio Lower Upper
104 100
78 49.9 39.8 59.6
103 54.8 43.4 65.2

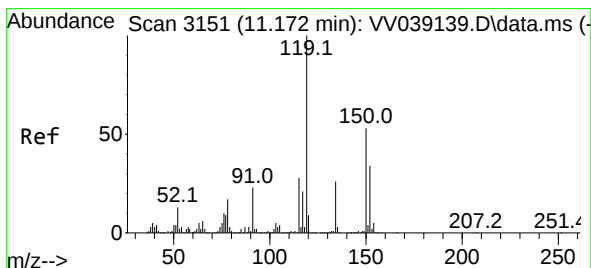
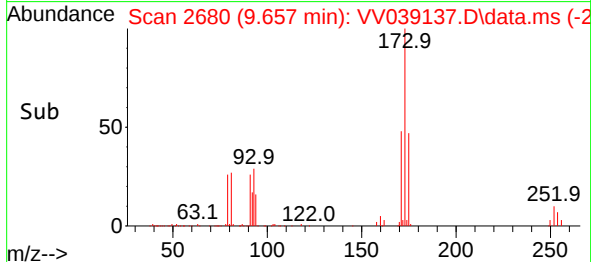
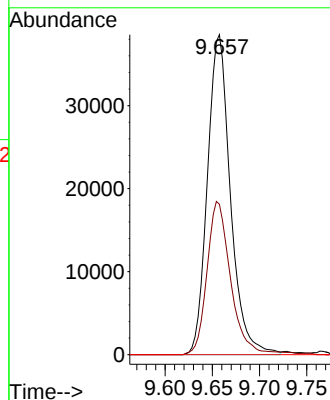
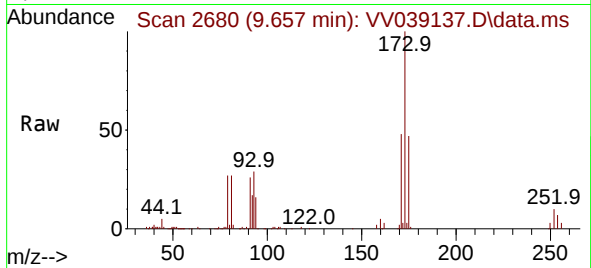




#71
Bromoform
Concen: 10.074 ug/l
RT: 9.657 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

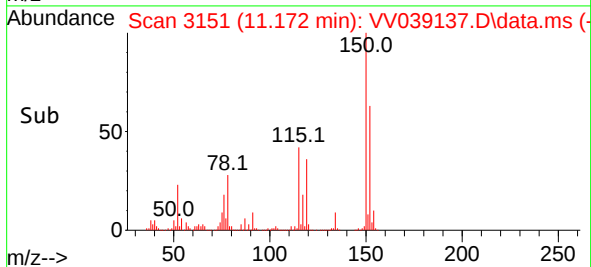
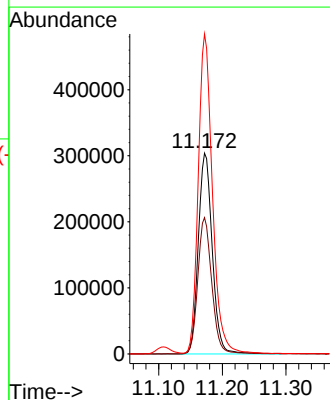
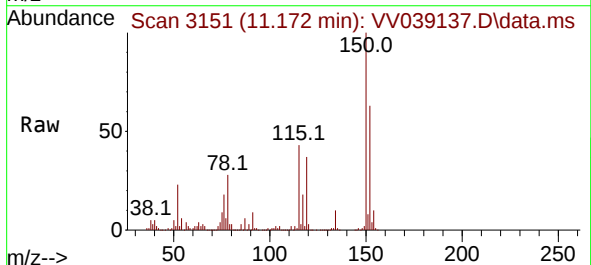
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

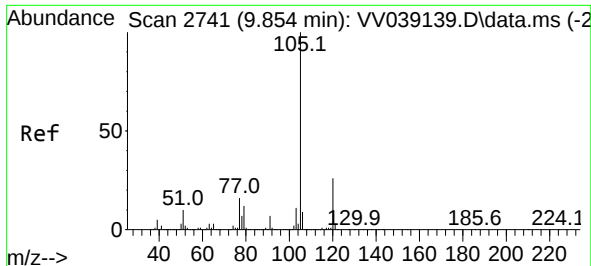
Tgt Ion:173 Resp: 65302
Ion Ratio Lower Upper
173 100
175 49.4 23.9 71.7
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

Tgt Ion:152 Resp: 463438
Ion Ratio Lower Upper
152 100
115 67.6 44.8 134.4
150 161.2 0.0 353.8

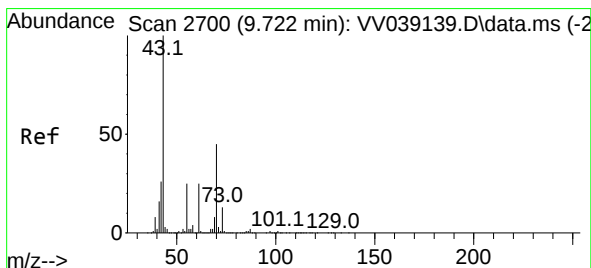
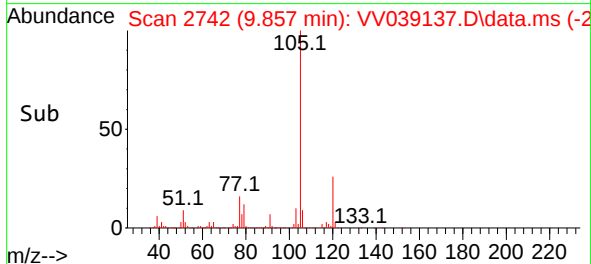
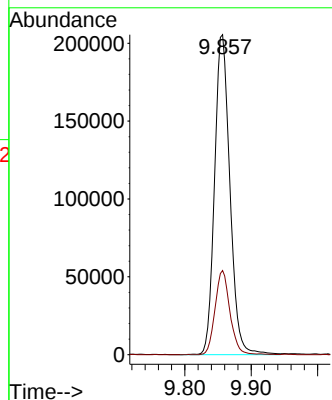
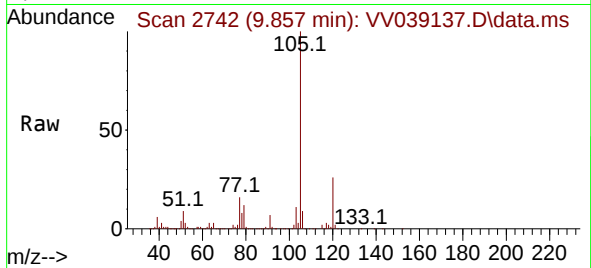




#73
Isopropylbenzene
Concen: 9.827 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

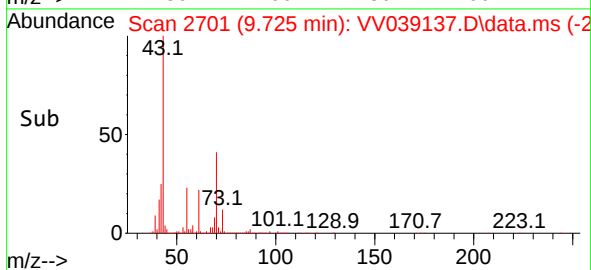
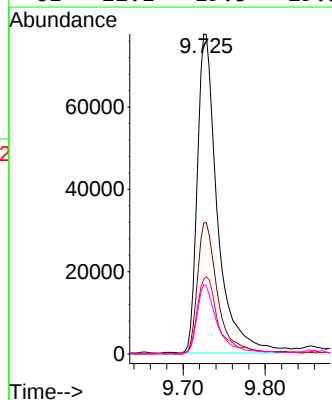
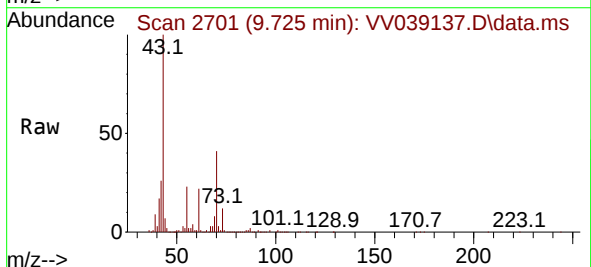
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

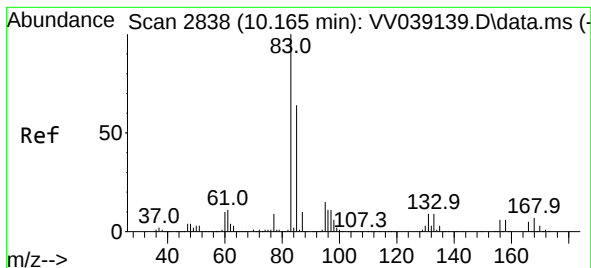
Tgt Ion:105 Resp: 330305
Ion Ratio Lower Upper
105 100
120 25.5 13.1 39.1



#74
N-ethyl acetate
Concen: 9.853 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.003 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

Tgt Ion: 43 Resp: 132108
Ion Ratio Lower Upper
43 100
70 41.7 35.4 53.0
55 24.3 20.6 30.8
61 22.1 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 10.067 ug/l

RT: 10.165 min Scan# 2838

Delta R.T. 0.000 min

Lab File: VV039137.D

Acq: 22 Sep 2025 12:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

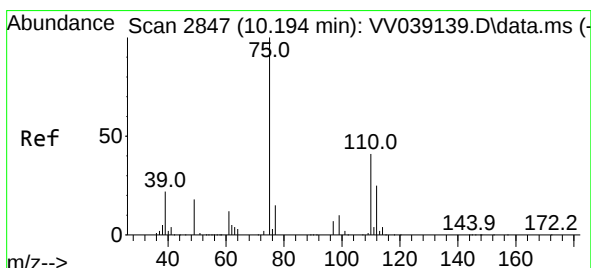
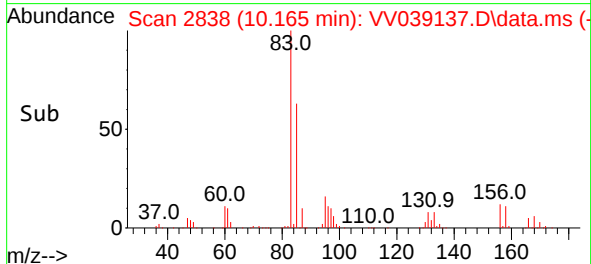
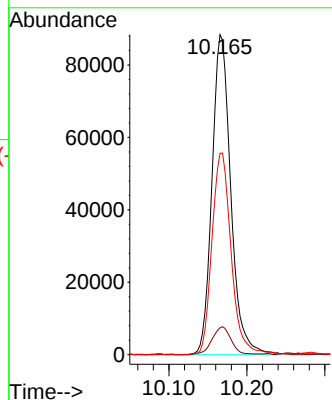
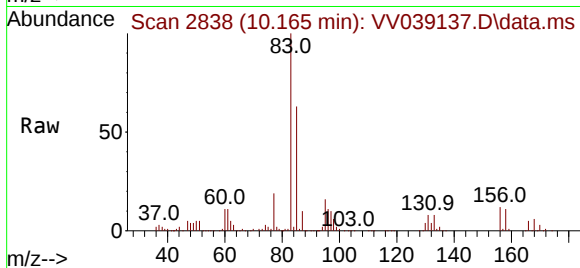
Tgt Ion: 83 Resp: 148267

Ion Ratio Lower Upper

83 100

131 8.9 4.5 13.7

85 64.4 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 9.977 ug/l

RT: 10.198 min Scan# 2848

Delta R.T. 0.003 min

Lab File: VV039137.D

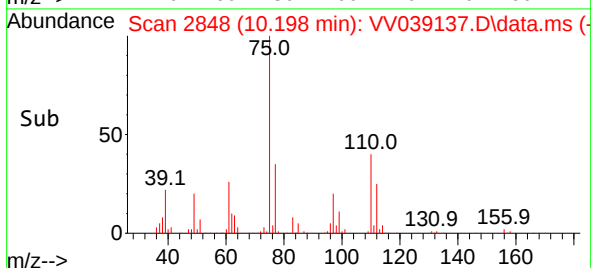
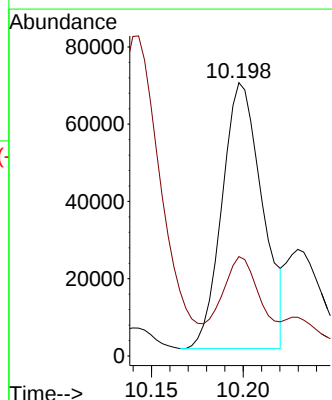
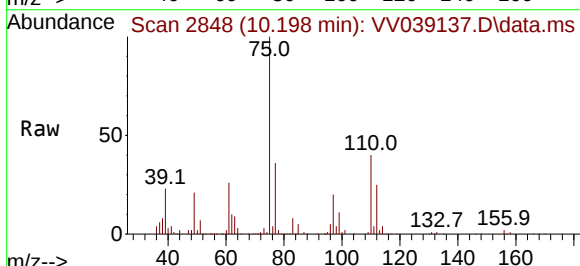
Acq: 22 Sep 2025 12:26

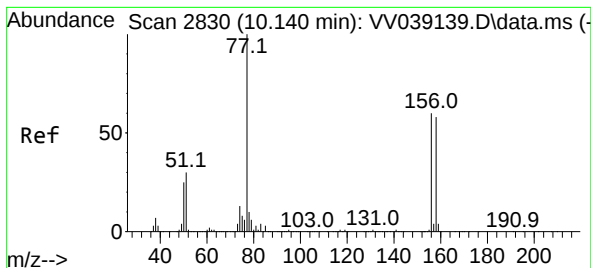
Tgt Ion: 75 Resp: 105275

Ion Ratio Lower Upper

75 100

77 21.9 11.3 33.8





#77

Bromobenzene

Concen: 10.071 ug/l

RT: 10.143 min Scan# 2830

Delta R.T. 0.003 min

Lab File: VV039137.D

Acq: 22 Sep 2025 12:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

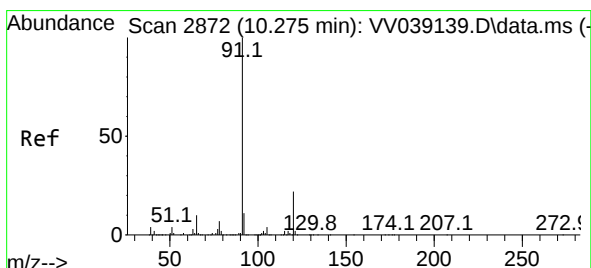
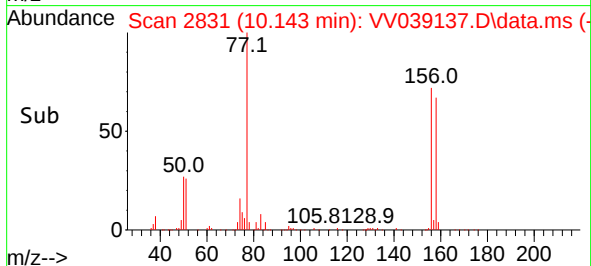
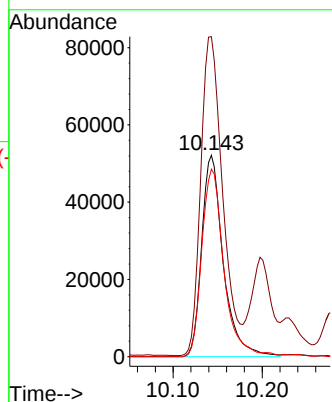
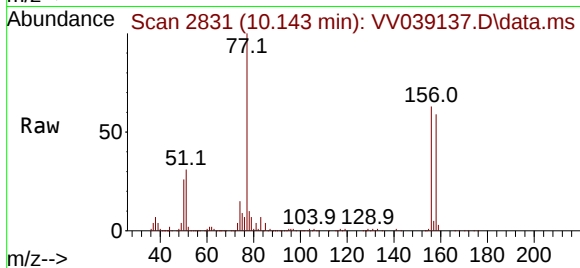
Tgt Ion:156 Resp: 87828

Ion Ratio Lower Upper

156 100

77 160.3 83.4 250.1

158 94.3 48.8 146.4



#78

n-propylbenzene

Concen: 9.804 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. 0.003 min

Lab File: VV039137.D

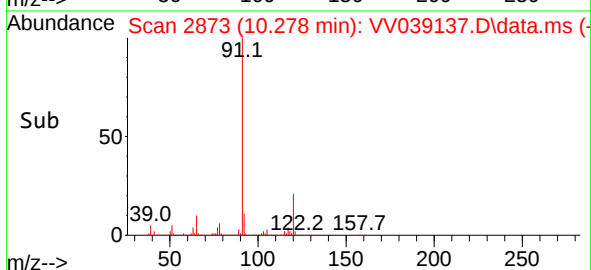
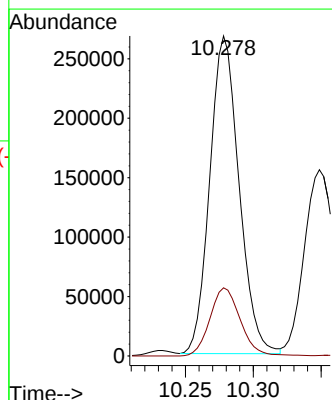
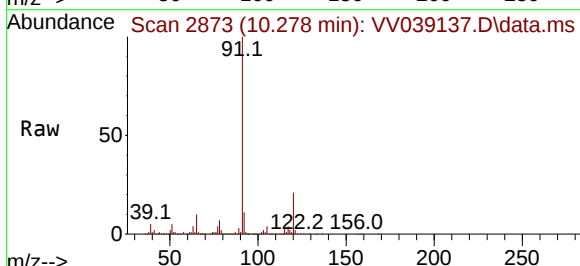
Acq: 22 Sep 2025 12:26

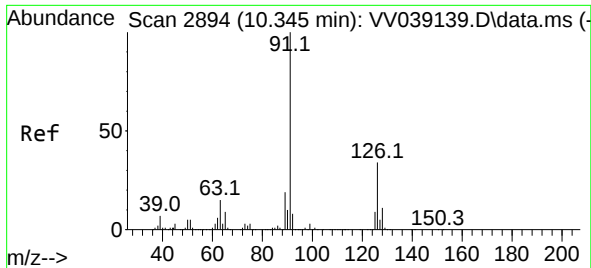
Tgt Ion: 91 Resp: 401316

Ion Ratio Lower Upper

91 100

120 22.3 11.1 33.3

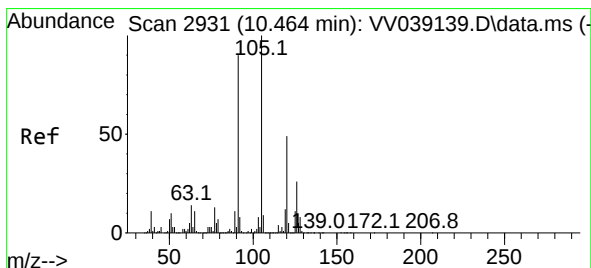
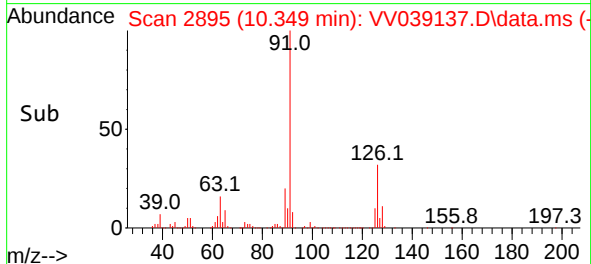
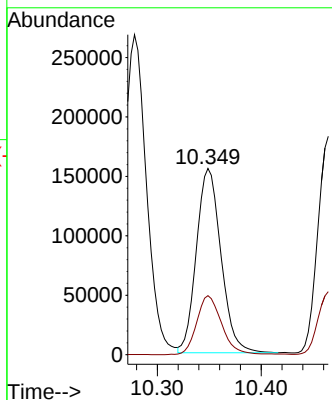
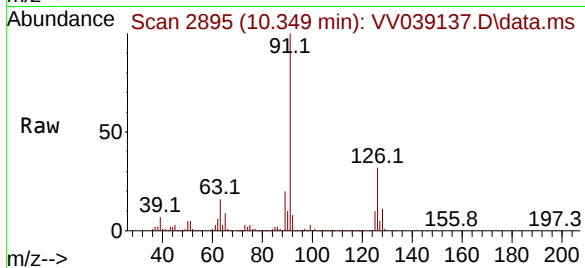




#79
2-Chlorotoluene
Concen: 10.413 ug/l
RT: 10.349 min Scan# 2894
Delta R.T. 0.003 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

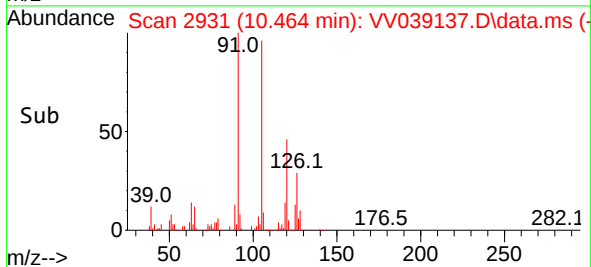
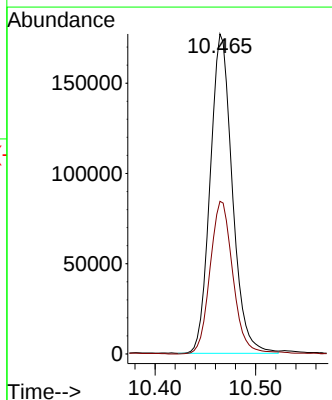
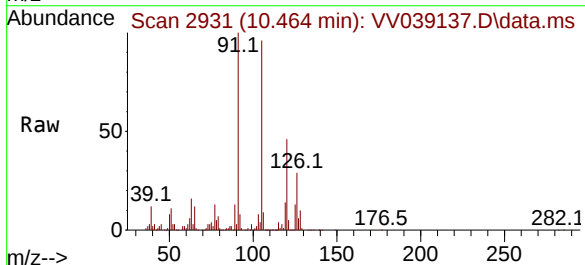
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

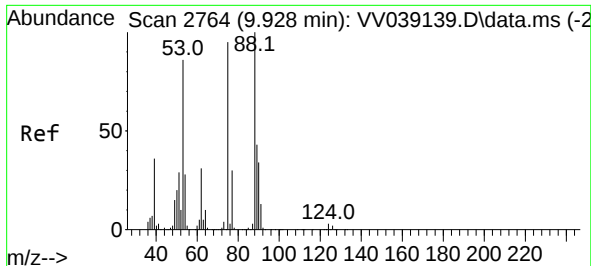
Tgt Ion: 91 Resp: 255053
Ion Ratio Lower Upper
91 100
126 32.7 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 9.699 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.000 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

Tgt Ion: 105 Resp: 270977
Ion Ratio Lower Upper
105 100
120 49.6 24.3 72.8

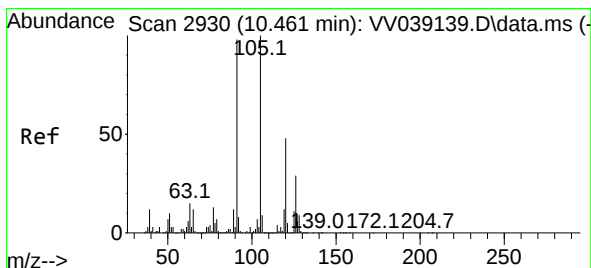
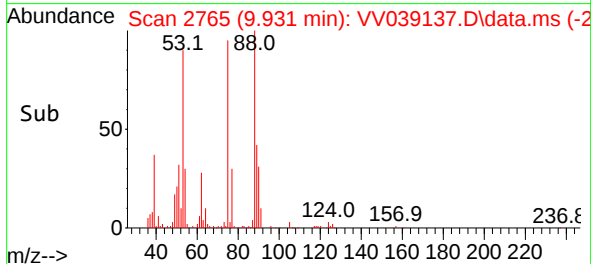
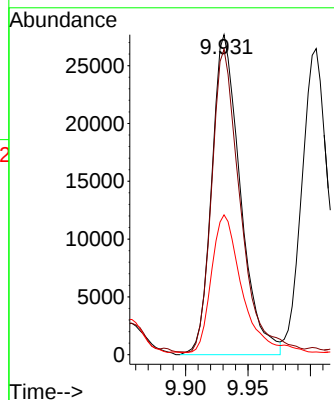
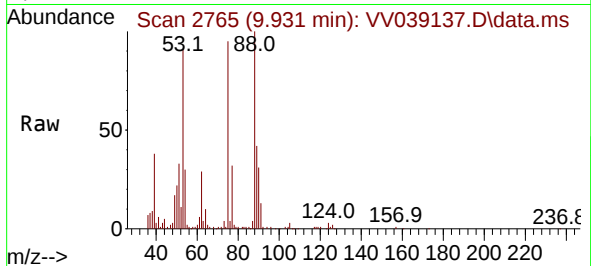




#81
trans-1,4-Dichloro-2-butene
Concen: 10.082 ug/l
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

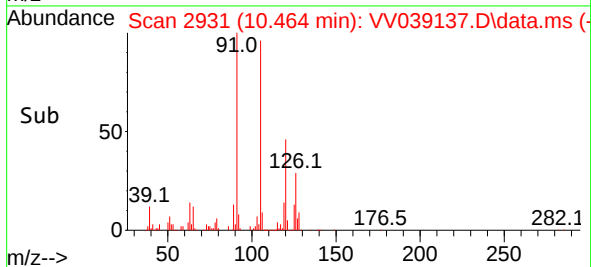
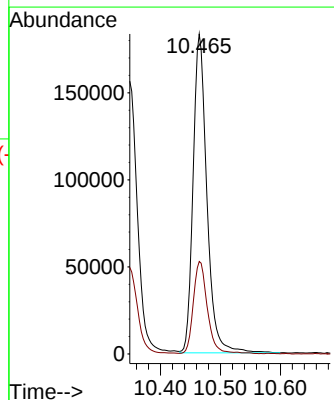
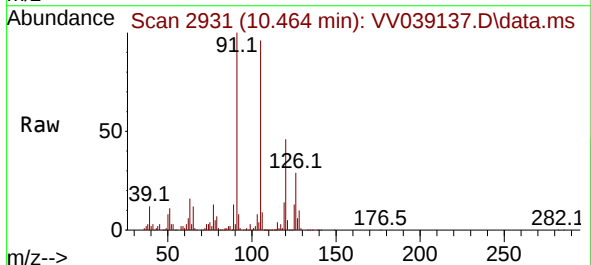
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

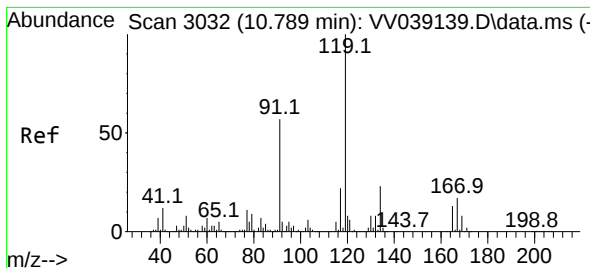
Tgt Ion: 75 Resp: 44314
Ion Ratio Lower Upper
75 100
53 94.1 72.5 108.7
89 45.9 37.2 55.8



#82
4-Chlorotoluene
Concen: 10.312 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.003 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

Tgt Ion: 91 Resp: 292863
Ion Ratio Lower Upper
91 100
126 29.0 14.5 43.6





#83

tert-Butylbenzene

Concen: 9.603 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV039137.D

Acq: 22 Sep 2025 12:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC010

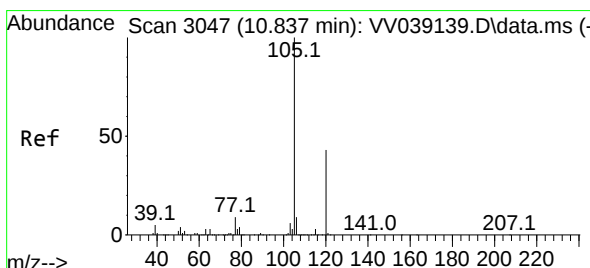
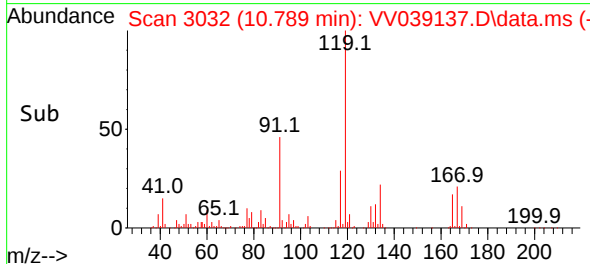
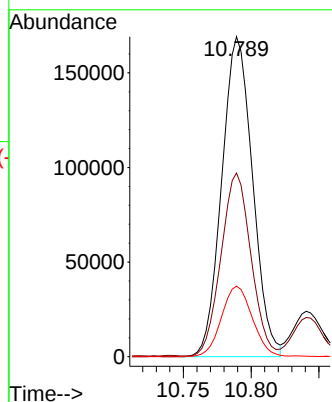
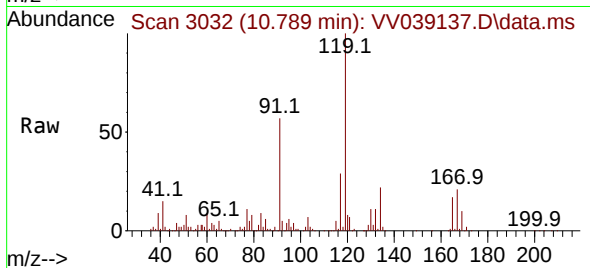
Tgt Ion:119 Resp: 267528

Ion Ratio Lower Upper

119 100

91 55.4 28.5 85.6

134 22.1 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 9.457 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV039137.D

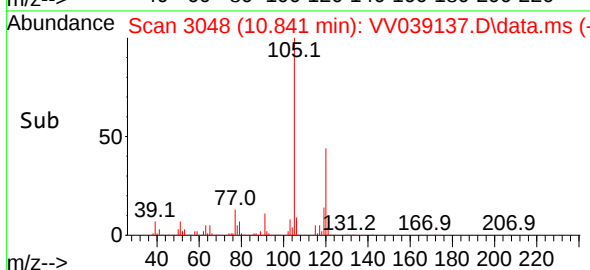
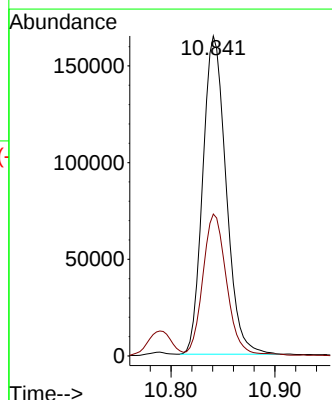
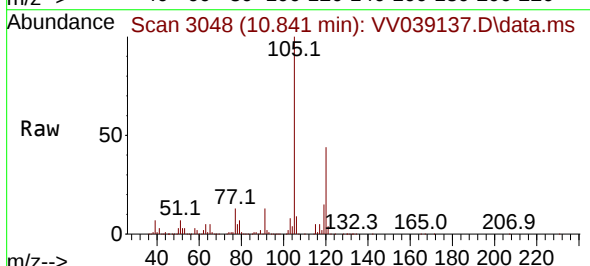
Acq: 22 Sep 2025 12:26

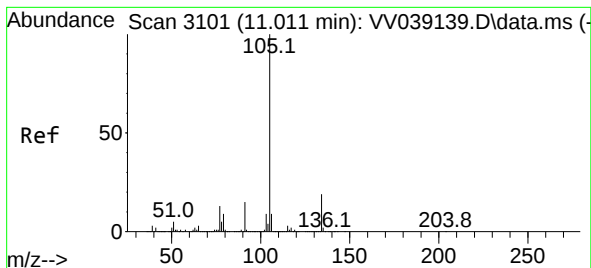
Tgt Ion:105 Resp: 256505

Ion Ratio Lower Upper

105 100

120 45.4 22.4 67.2





#85

sec-Butylbenzene

Concen: 9.588 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. 0.000 min

Lab File: VV039137.D

Acq: 22 Sep 2025 12:26

Instrument :

MSVOA_V

ClientSampleId :

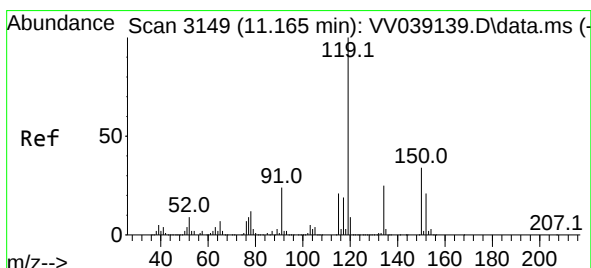
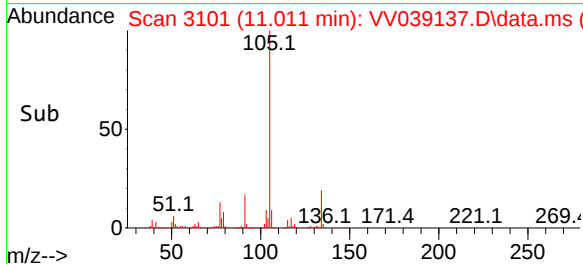
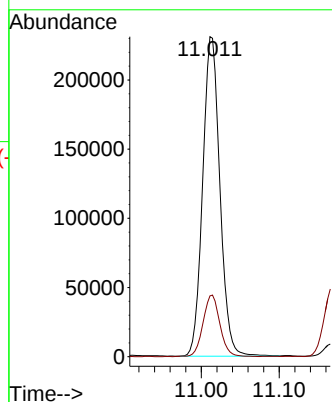
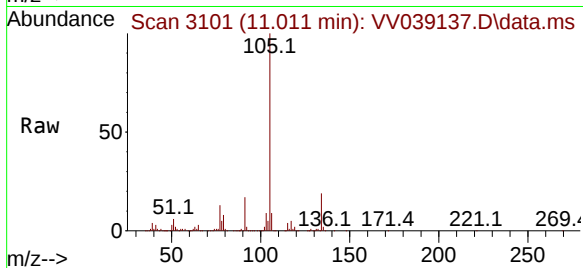
VSTDIC010

Tgt Ion:105 Resp: 354312

Ion Ratio Lower Upper

105 100

134 19.0 9.6 28.8



#86

p-Isopropyltoluene

Concen: 9.755 ug/l

RT: 11.169 min Scan# 3150

Delta R.T. 0.003 min

Lab File: VV039137.D

Acq: 22 Sep 2025 12:26

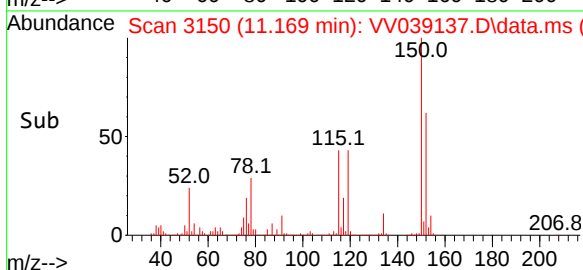
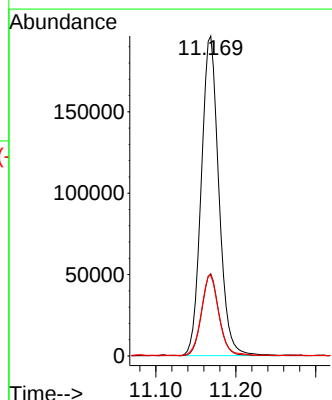
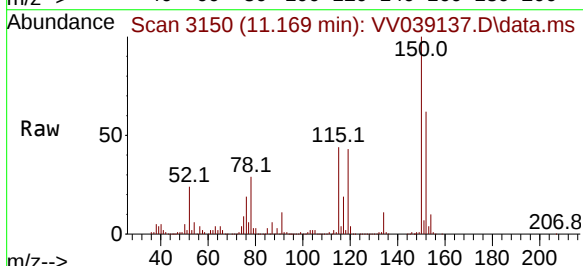
Tgt Ion:119 Resp: 300032

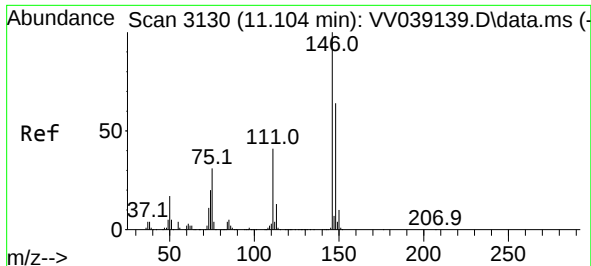
Ion Ratio Lower Upper

119 100

134 25.2 12.7 38.0

91 25.2 12.0 36.1

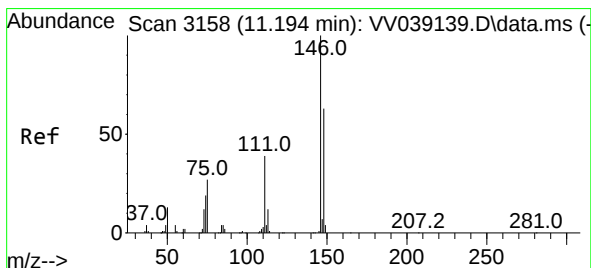
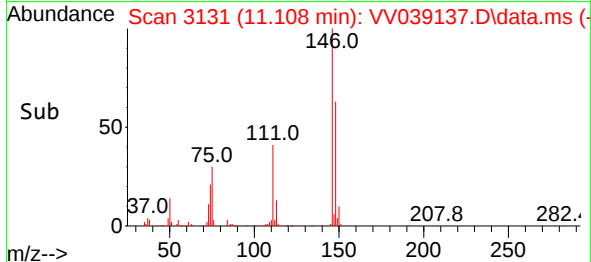
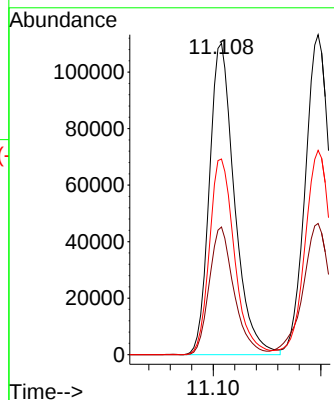
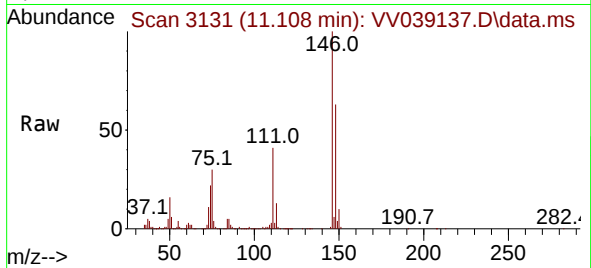




#87
1,3-Dichlorobenzene
Concen: 10.141 ug/l
RT: 11.108 min Scan# 3131
Delta R.T. 0.003 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

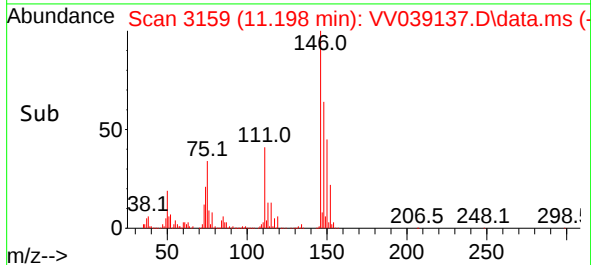
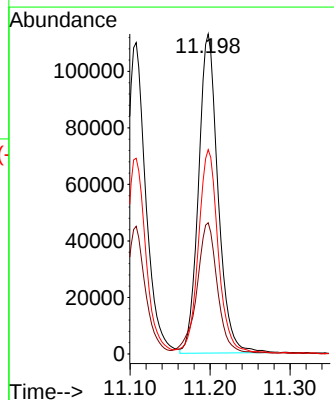
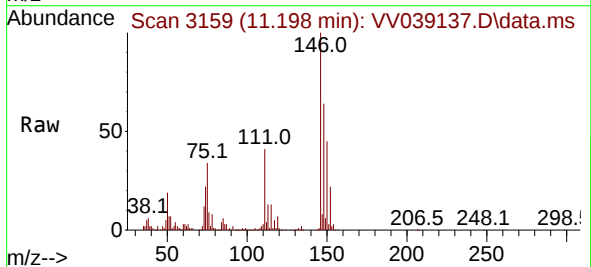
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC010

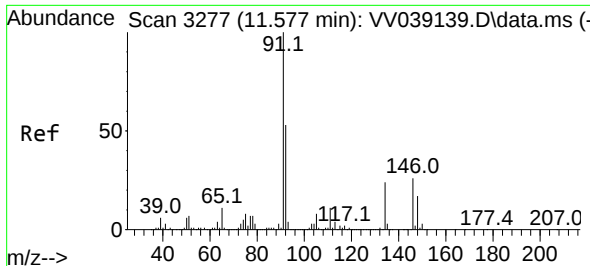
Tgt Ion:146 Resp: 178990
Ion Ratio Lower Upper
146 100
111 40.3 20.9 62.8
148 62.8 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 9.835 ug/l
RT: 11.198 min Scan# 3159
Delta R.T. 0.003 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

Tgt Ion:146 Resp: 191843
Ion Ratio Lower Upper
146 100
111 43.0 20.3 60.8
148 65.1 31.4 94.2

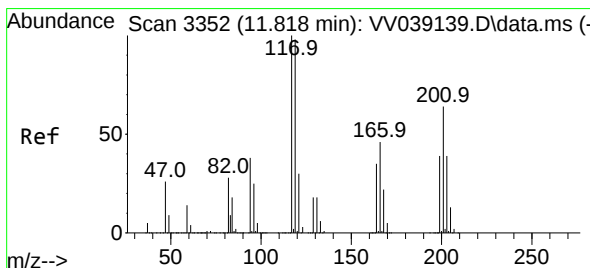
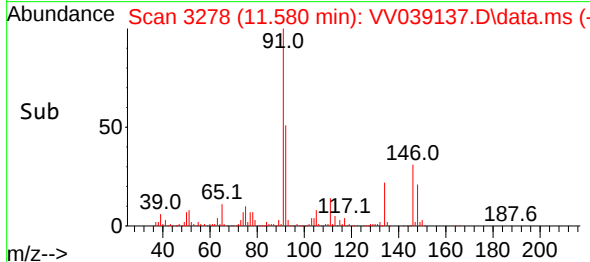
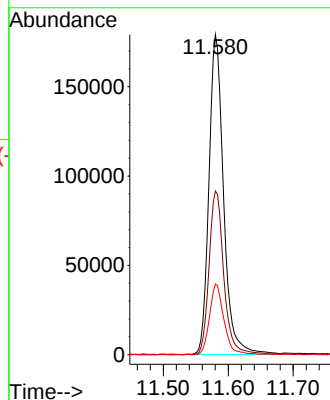
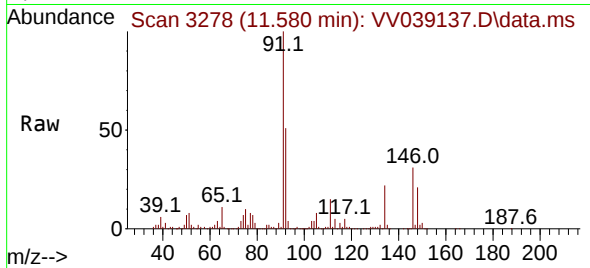




#89
n-Butylbenzene
Concen: 9.575 ug/l
RT: 11.580 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

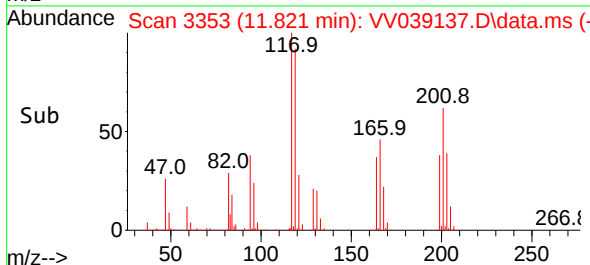
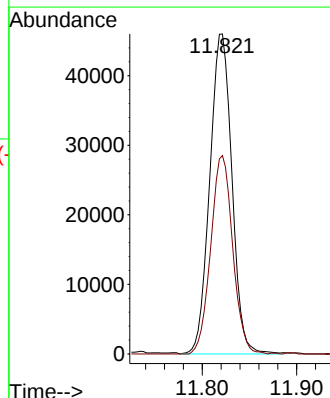
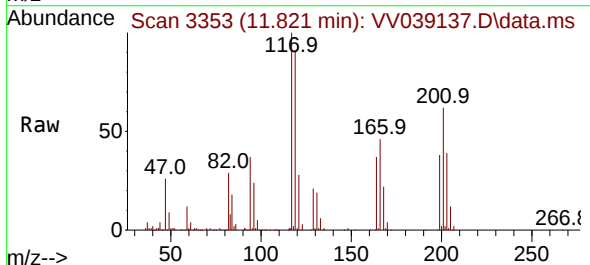
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

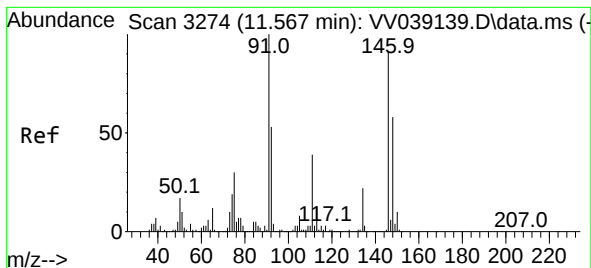
Tgt Ion: 91 Resp: 281258
Ion Ratio Lower Upper
91 100
92 51.5 26.6 79.8
134 21.7 12.1 36.3



#90
Hexachloroethane
Concen: 9.891 ug/l
RT: 11.821 min Scan# 3353
Delta R.T. 0.003 min
Lab File: VV039137.D
Acq: 22 Sep 2025 12:26

Tgt Ion: 117 Resp: 74910
Ion Ratio Lower Upper
117 100
201 61.4 32.3 96.8





#91

1,2-Dichlorobenzene

Concen: 9.841 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039137.D

Acq: 22 Sep 2025 12:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

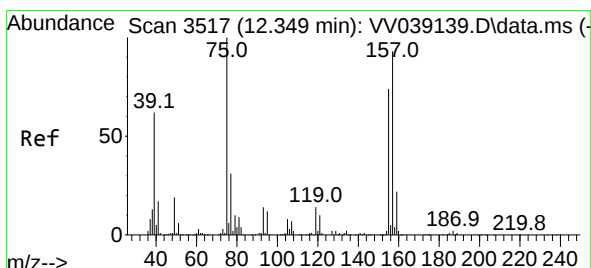
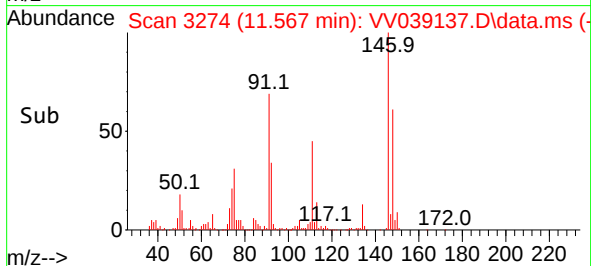
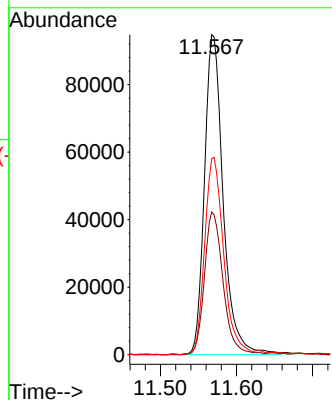
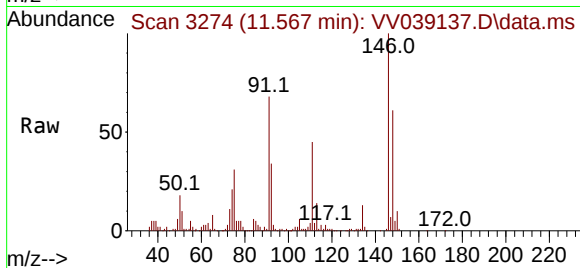
Tgt Ion:146 Resp: 162271

Ion Ratio Lower Upper

146 100

111 44.3 21.5 64.5

148 62.3 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 10.167 ug/l

RT: 12.355 min Scan# 3519

Delta R.T. 0.006 min

Lab File: VV039137.D

Acq: 22 Sep 2025 12:26

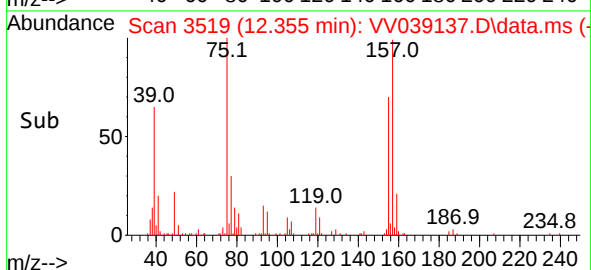
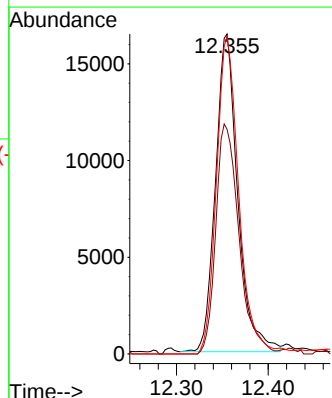
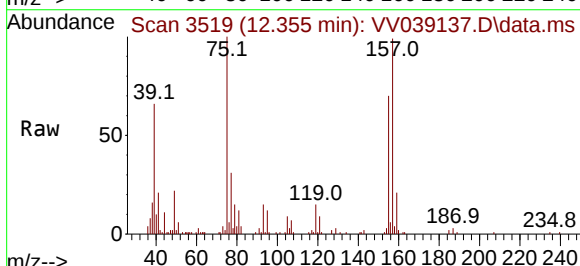
Tgt Ion: 75 Resp: 27674

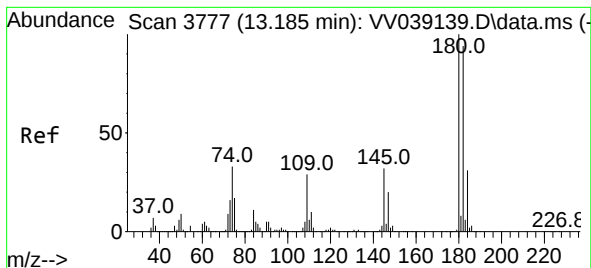
Ion Ratio Lower Upper

75 100

155 75.5 38.6 115.8

157 100.7 49.5 148.3





#93

1,2,4-Trichlorobenzene

Concen: 9.096 ug/l

RT: 13.188 min Scan# 3777

Delta R.T. 0.003 min

Lab File: VV039137.D

Acq: 22 Sep 2025 12:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

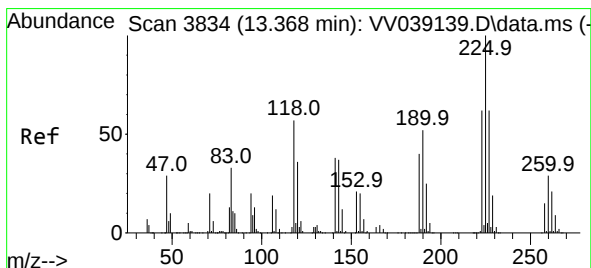
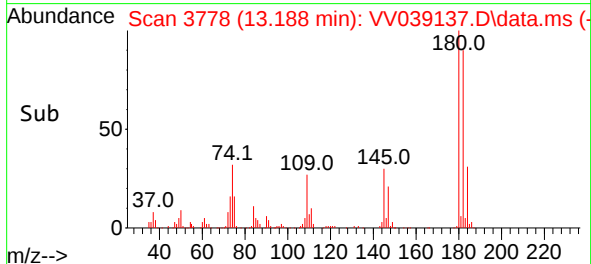
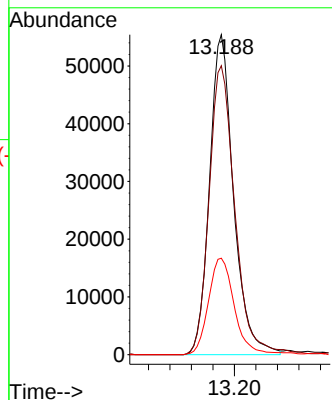
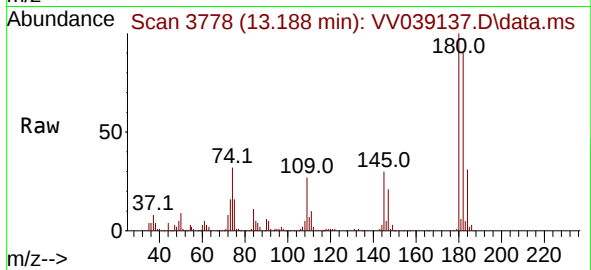
Tgt Ion:180 Resp: 85982

Ion Ratio Lower Upper

180 100

182 96.8 47.1 141.4

145 32.7 16.3 48.8



#94

Hexachlorobutadiene

Concen: 9.653 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV039137.D

Acq: 22 Sep 2025 12:26

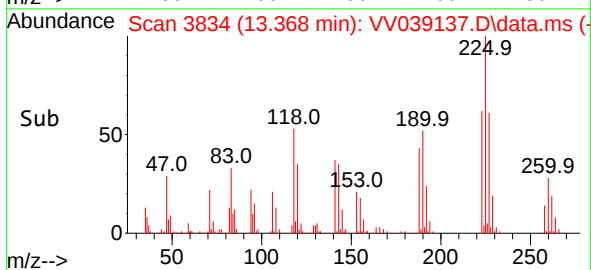
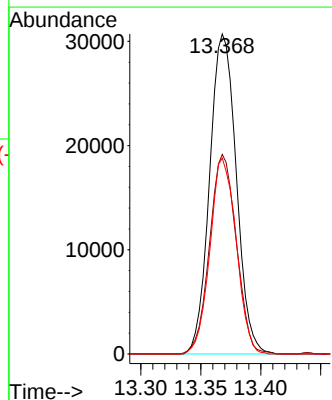
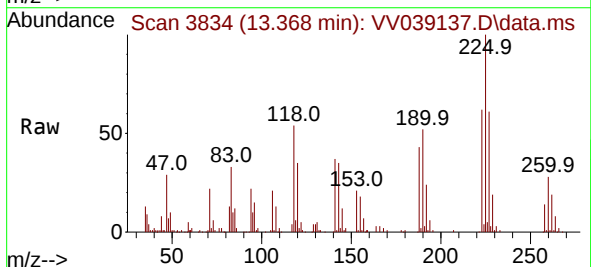
Tgt Ion:225 Resp: 47413

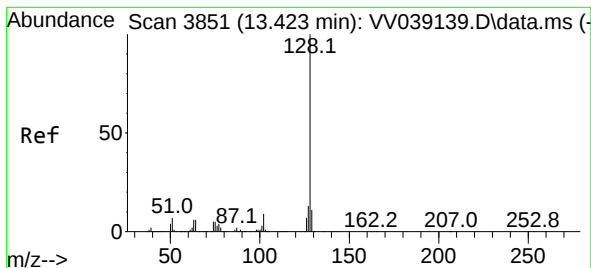
Ion Ratio Lower Upper

225 100

223 62.6 31.6 94.7

227 60.2 31.8 95.4





#95

Naphthalene

Concen: 8.803 ug/l

RT: 13.426 min Scan# 3851

Delta R.T. 0.003 min

Lab File: VV039137.D

Acq: 22 Sep 2025 12:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

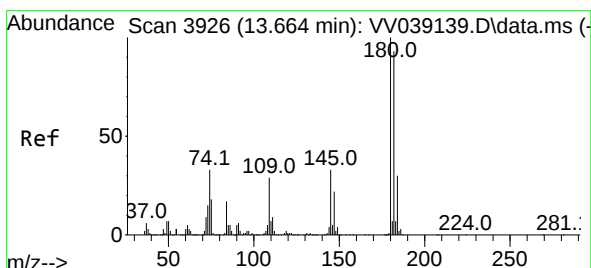
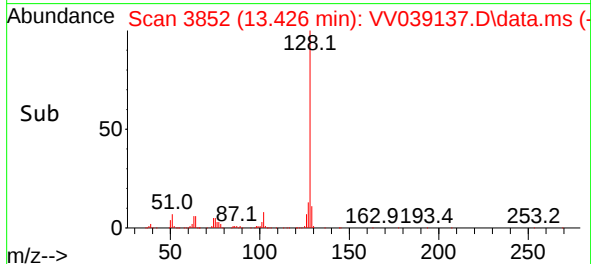
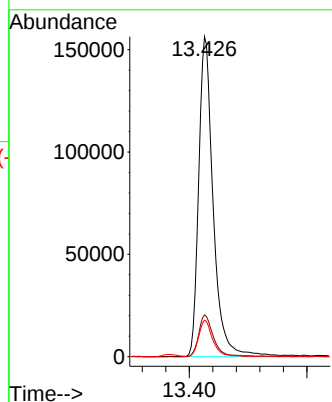
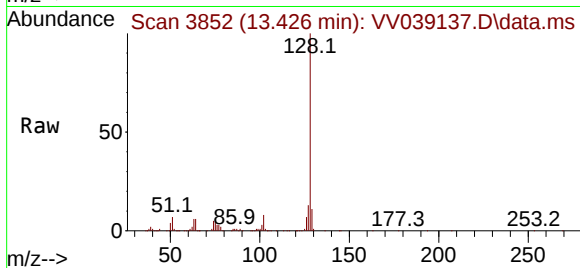
Tgt Ion:128 Resp: 267645

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 9.334 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. 0.003 min

Lab File: VV039137.D

Acq: 22 Sep 2025 12:26

Tgt Ion:180 Resp: 90238

Ion Ratio Lower Upper

180 100

182 93.8 46.9 140.8

145 33.7 17.0 51.0

