

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111325\
 Data File : VV039378.D
 Acq On : 13 Nov 2025 12:46
 Operator : SY/MD
 Sample : VV1113WBS01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV1113WBS01

Quant Time: Nov 14 05:45:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V111125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 14 05:42:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.597	168	821840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	1165876	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1121657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	691832	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	505121	49.820	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	99.640%
35) Dibromofluoromethane	4.500	113	444658	49.726	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	99.460%
50) Toluene-d8	7.233	98	1441021	48.766	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	97.540%
62) 4-Bromofluorobenzene	9.998	95	574423	50.590	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	101.180%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	82292	16.773	ug/l	96
3) Chloromethane	1.230	50	81359	17.771	ug/l	96
4) Vinyl Chloride	1.298	62	100343	17.763	ug/l	97
5) Bromomethane	1.497	94	68167	20.268	ug/l	91
6) Chloroethane	1.561	64	80158	19.219	ug/l	98
7) Trichlorofluoromethane	1.725	101	206094	17.915	ug/l	98
8) Diethyl Ether	1.918	74	83471	19.026	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.082	101	138086	18.256	ug/l	99
10) Methyl Iodide	2.195	142	98532	21.153	ug/l	98
11) Tert butyl alcohol	2.561	59	161329	148.531	ug/l	99
12) 1,1-Dichloroethene	2.079	96	107411	17.954	ug/l	97
13) Acrolein	2.011	56	9604	115.699	ug/l	99
14) Allyl chloride	2.359	41	216447	20.305	ug/l	96
15) Acrylonitrile	2.674	53	467317	110.851	ug/l	97
16) Acetone	2.118	43	510519	116.386	ug/l	97
17) Carbon Disulfide	2.253	76	151899	18.475	ug/l	97
18) Methyl Acetate	2.378	43	373701	26.022	ug/l	99
19) Methyl tert-butyl Ether	2.709	73	480487	21.360	ug/l	97
20) Methylene Chloride	2.455	84	147049	20.761	ug/l	100
21) trans-1,2-Dichloroethene	2.703	96	109181	18.400	ug/l	99
22) Diisopropyl ether	3.211	45	511574	22.089	ug/l	80
23) Vinyl Acetate	3.192	43	1687942	103.188	ug/l	99
24) 1,1-Dichloroethane	3.118	63	275544	19.566	ug/l	97
25) 2-Butanone	3.864	43	622638	111.242	ug/l	99
26) 2,2-Dichloropropane	3.809	77	236389	19.957	ug/l	99
27) cis-1,2-Dichloroethene	3.822	96	159628	19.809	ug/l	99
28) Bromochloromethane	4.146	49	122843	19.945	ug/l	100
29) Tetrahydrofuran	4.233	42	369129	117.814	ug/l	97
30) Chloroform	4.278	83	310044	19.933	ug/l	99
31) Cyclohexane	4.584	56	161047	18.270	ug/l	94
32) 1,1,1-Trichloroethane	4.513	97	260317	20.013	ug/l	99
36) 1,1-Dichloropropene	4.748	75	153057	19.872	ug/l	99
37) Ethyl Acetate	3.982	43	208458	17.618	ug/l	96
38) Carbon Tetrachloride	4.732	117	219264	19.165	ug/l	97
39) Methylcyclohexane	6.047	83	146772	17.899	ug/l	99
40) Benzene	5.011	78	520339	19.319	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.166	41	95092	22.505	ug/l	99
42) 1,2-Dichloroethane	5.040	62	211683	20.168	ug/l	98
43) Isopropyl Acetate	5.191	43	334765	21.238	ug/l	99
44) Trichloroethene	5.835	130	139460	19.082	ug/l	98
45) 1,2-Dichloropropane	6.088	63	151859	20.838	ug/l	96
46) Dibromomethane	6.227	93	112658	19.224	ug/l	98
47) Bromodichloromethane	6.426	83	250765	19.758	ug/l	99
48) Methyl methacrylate	6.298	41	147477	20.089	ug/l	97
49) 1,4-Dioxane	6.291	88	44210	390.995	ug/l #	90
51) 4-Methyl-2-Pentanone	7.143	43	1312426	121.805	ug/l	97
52) Toluene	7.307	92	342286	20.280	ug/l	100
53) t-1,3-Dichloropropene	7.574	75	228851	20.958	ug/l	99
54) cis-1,3-Dichloropropene	6.950	75	246027	21.222	ug/l	99
55) 1,1,2-Trichloroethane	7.760	97	176543	20.659	ug/l	97
56) Ethyl methacrylate	7.715	69	216585	20.991	ug/l	99
57) 1,3-Dichloropropane	7.934	76	264816	20.150	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.809	63	618690	210.861	ug/l	99
59) 2-Hexanone	8.063	43	945567	122.790	ug/l	99
60) Dibromochloromethane	8.166	129	216874	19.806	ug/l	100
61) 1,2-Dibromoethane	8.275	107	172133	20.666	ug/l	100
64) Tetrachloroethene	7.896	164	131851	19.020	ug/l	97
65) Chlorobenzene	8.802	112	436626	19.554	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.895	131	185131	19.871	ug/l	99
67) Ethyl Benzene	8.937	91	630103	19.510	ug/l	99
68) m/p-Xylenes	9.063	106	508939	41.727	ug/l	98
69) o-Xylene	9.468	106	234726	20.341	ug/l	99
70) Styrene	9.487	104	433287	21.004	ug/l	99
71) Bromoform	9.654	173	177153	20.483	ug/l	99
73) Isopropylbenzene	9.854	105	690087	20.428	ug/l	99
74) N-amyl acetate	9.725	43	273620	20.670	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.166	83	295437	20.079	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	215239	20.044	ug/l	99
77) Bromobenzene	10.140	156	205580	19.716	ug/l	99
78) n-propylbenzene	10.278	91	800096	20.674	ug/l	99
79) 2-Chlorotoluene	10.346	91	513212	20.717	ug/l	100
80) 1,3,5-Trimethylbenzene	10.465	105	583281	21.118	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.928	75	86229	21.526	ug/l	99
82) 4-Chlorotoluene	10.461	91	592895	21.408	ug/l	99
83) tert-Butylbenzene	10.789	119	613090	20.194	ug/l	100
84) 1,2,4-Trimethylbenzene	10.841	105	580109	21.562	ug/l	99
85) sec-Butylbenzene	11.011	105	765942	21.276	ug/l	98
86) p-Isopropyltoluene	11.165	119	660072	21.249	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	399685	19.985	ug/l	100
88) 1,4-Dichlorobenzene	11.198	146	419781	19.251	ug/l	99
89) n-Butylbenzene	11.580	91	582270	21.020	ug/l	98
90) Hexachloroethane	11.818	117	147247	19.020	ug/l	96
91) 1,2-Dichlorobenzene	11.567	146	386056	19.725	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	61027	20.175	ug/l	96
93) 1,2,4-Trichlorobenzene	13.185	180	260434	20.973	ug/l	99
94) Hexachlorobutadiene	13.368	225	139071	20.997	ug/l	99
95) Naphthalene	13.426	128	713180	21.430	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	268765	20.980	ug/l	99

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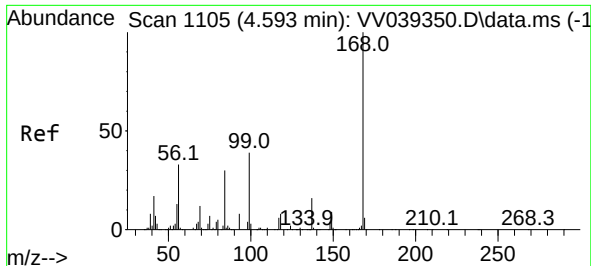
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Quant Title : SW846 8260
QLast Update : Fri Nov 14 05:42:56 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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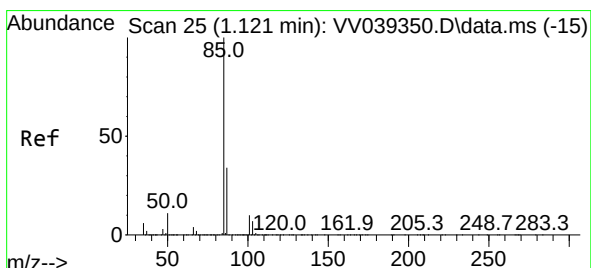
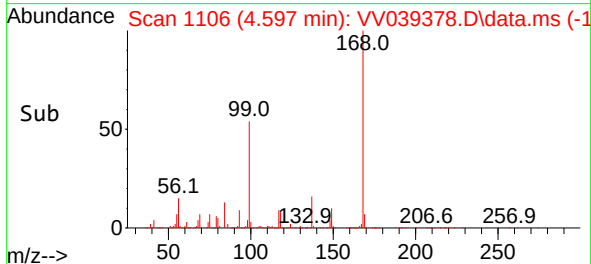
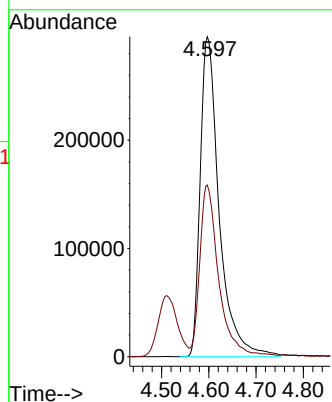
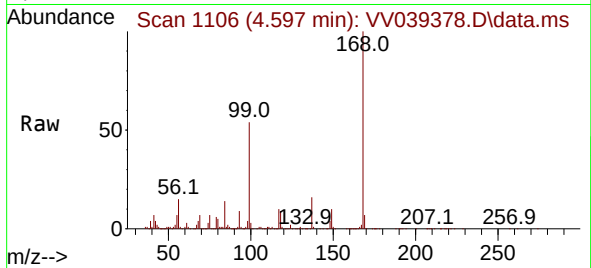




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.597 min Scan# 11
Delta R.T. 0.004 min
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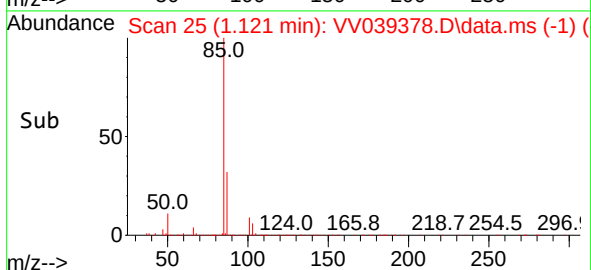
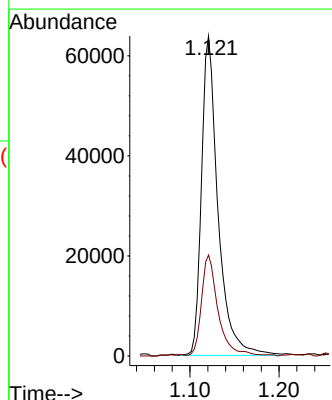
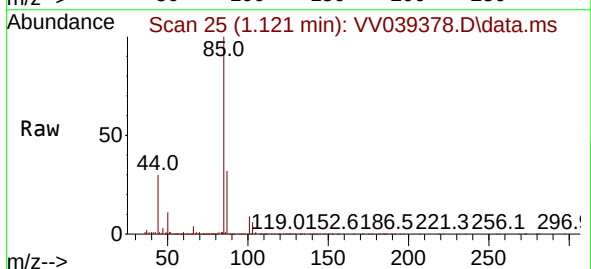
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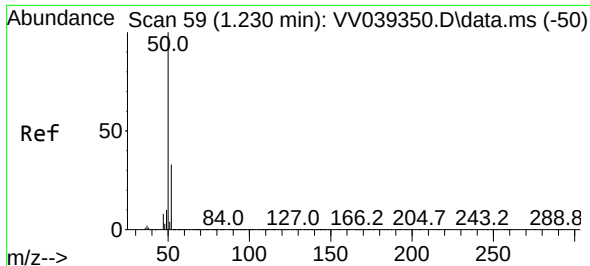
Tgt Ion:168 Resp: 821840
Ion Ratio Lower Upper
168 100
99 53.2 41.2 61.8



#2
Dichlorodifluoromethane
Concen: 16.773 ug/l
RT: 1.121 min Scan# 25
Delta R.T. -0.000 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

Tgt Ion: 85 Resp: 82292
Ion Ratio Lower Upper
85 100
87 31.4 16.9 50.7

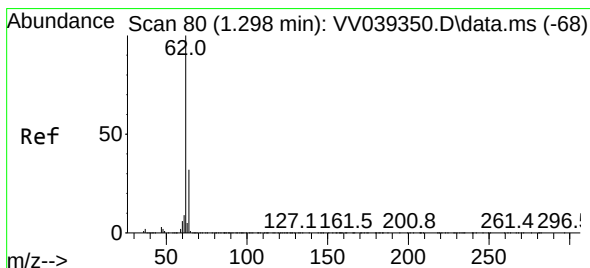
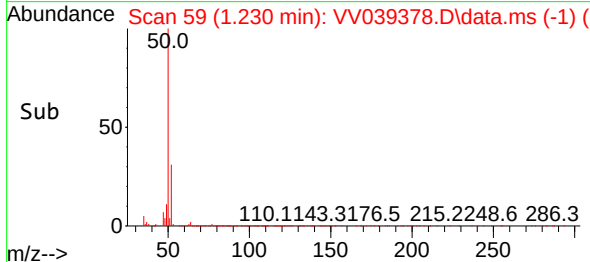
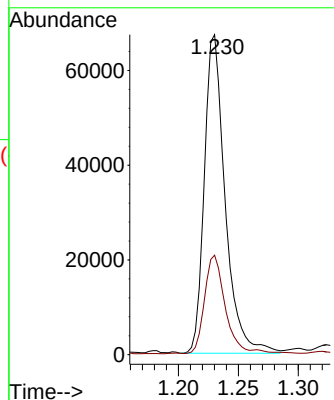
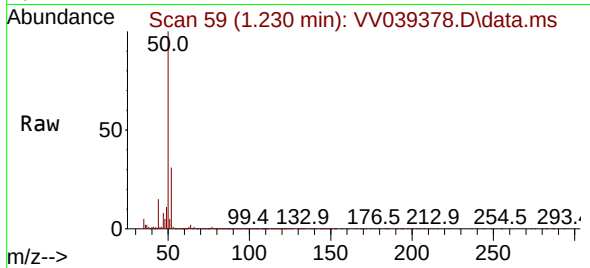




#3
Chloromethane
Concen: 17.771 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV039378.D
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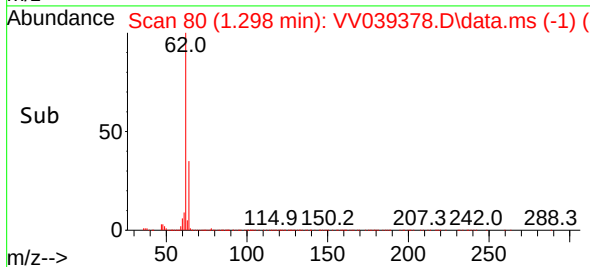
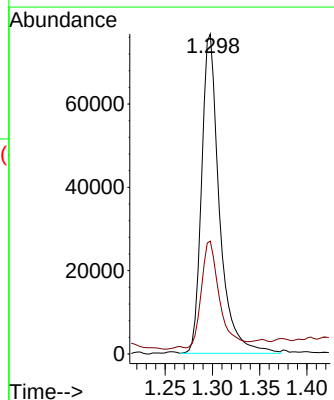
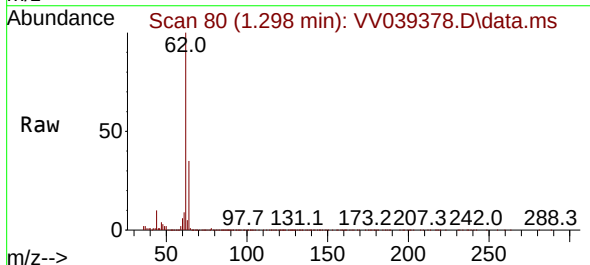
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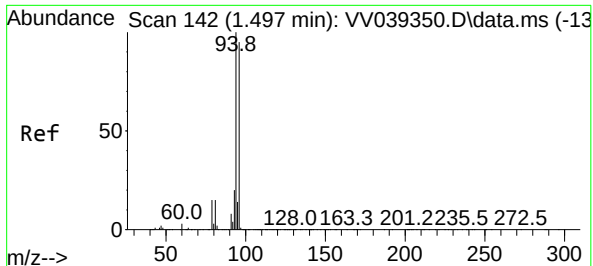
Tgt Ion: 50 Resp: 81359
Ion Ratio Lower Upper
50 100
52 30.8 26.6 39.8



#4
Vinyl Chloride
Concen: 17.763 ug/l
RT: 1.298 min Scan# 80
Delta R.T. -0.000 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

Tgt Ion: 62 Resp: 100343
Ion Ratio Lower Upper
62 100
64 33.0 25.3 37.9

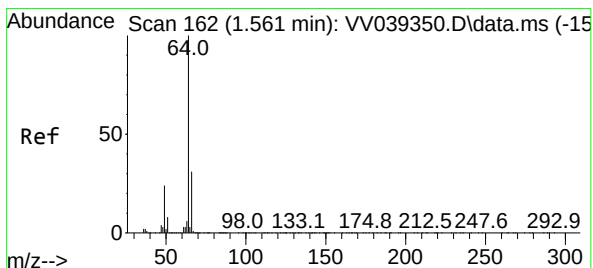
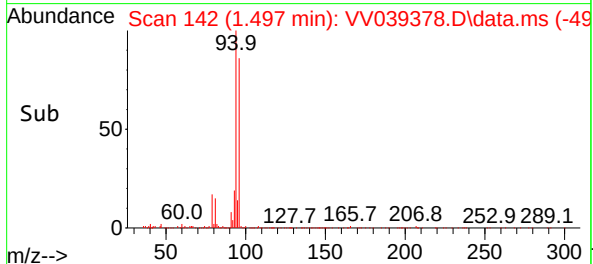
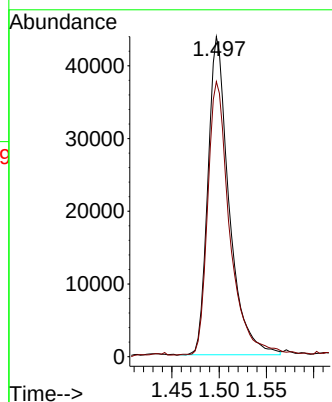
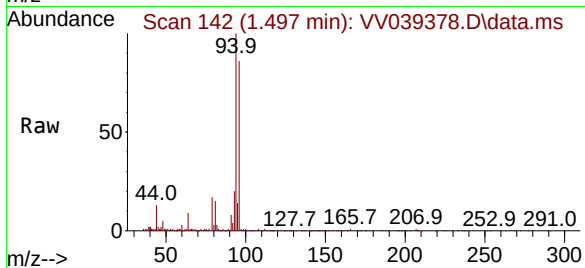




#5
Bromomethane
Concen: 20.268 ug/l
RT: 1.497 min Scan# 142
Delta R.T. 0.000 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

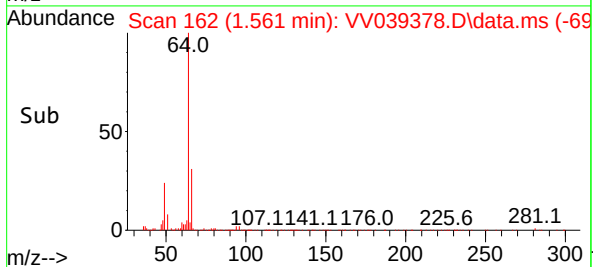
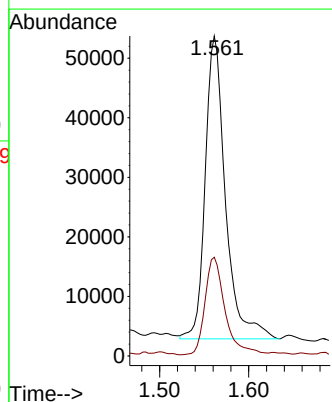
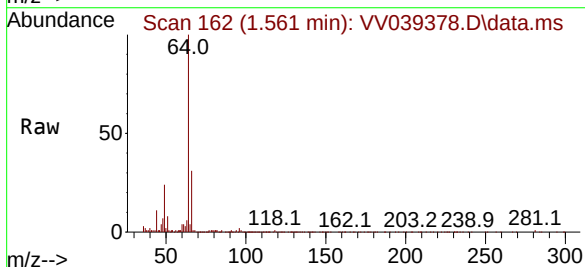
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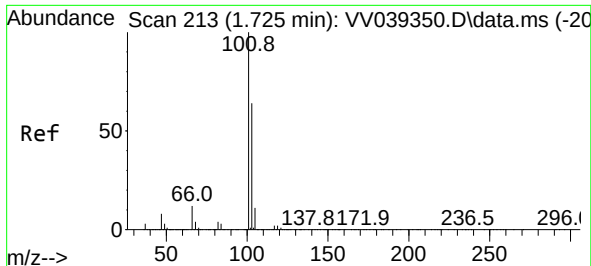
Tgt Ion: 94 Resp: 68167
Ion Ratio Lower Upper
94 100
96 85.8 75.6 113.4



#6
Chloroethane
Concen: 19.219 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.000 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

Tgt Ion: 64 Resp: 80158
Ion Ratio Lower Upper
64 100
66 32.2 24.7 37.1

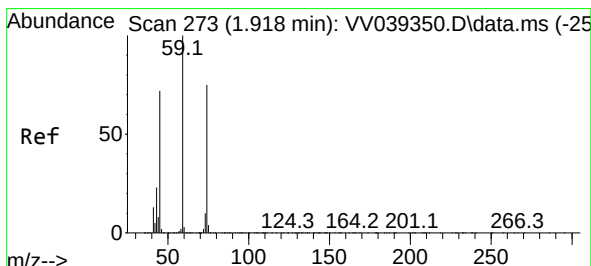
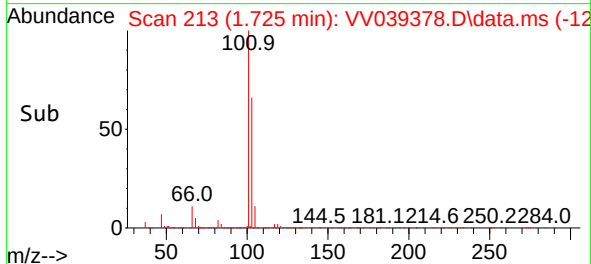
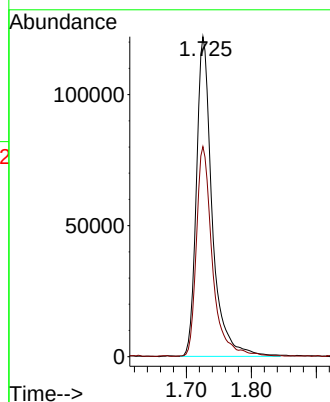
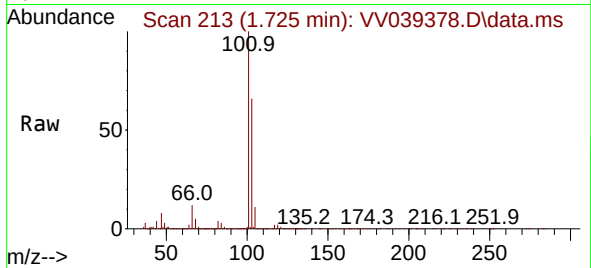




#7
 Trichlorofluoromethane
 Concen: 17.915 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VV039378.D
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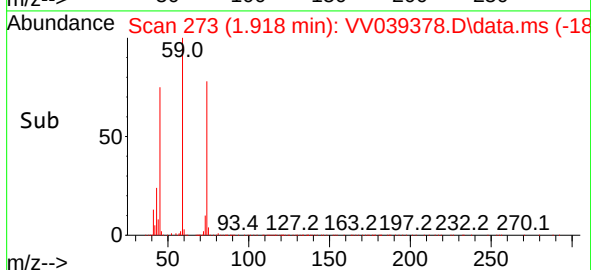
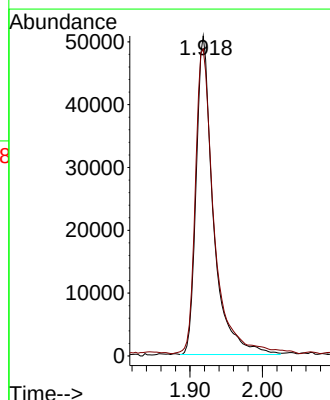
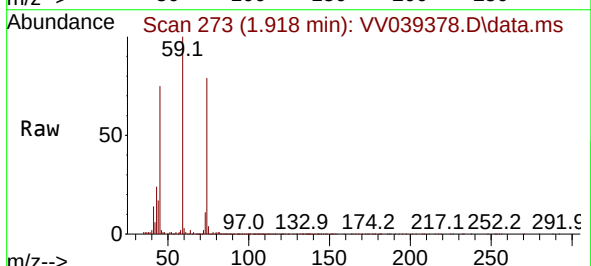
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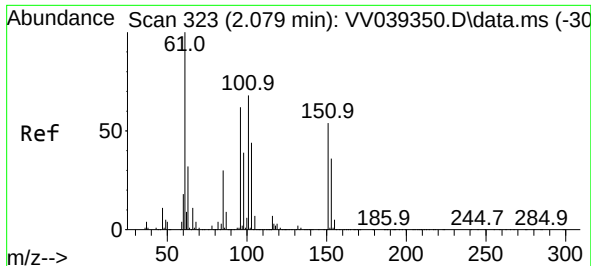
Tgt Ion:101 Resp: 206094
 Ion Ratio Lower Upper
 101 100
 103 65.5 50.9 76.3



#8
 Diethyl Ether
 Concen: 19.026 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.000 min
 Lab File: VV039378.D
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Tgt Ion: 74 Resp: 83471
 Ion Ratio Lower Upper
 74 100
 45 104.0 50.6 151.8

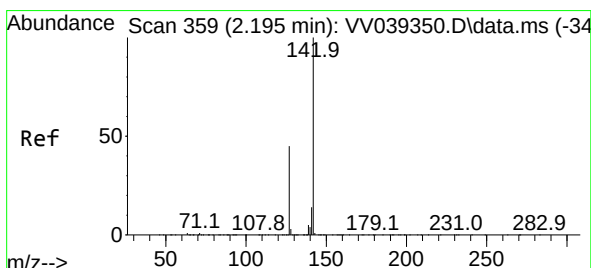
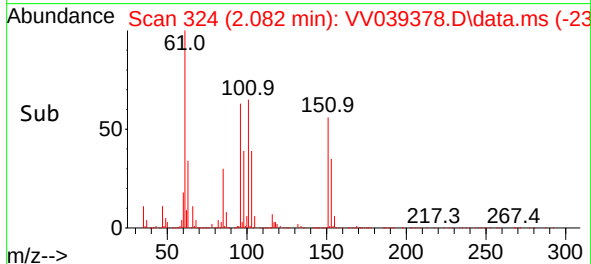
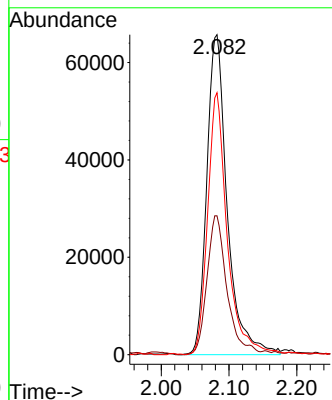
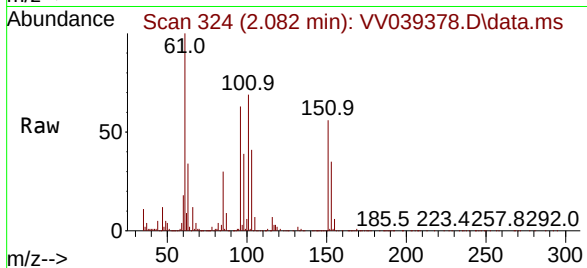




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.256 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.003 min
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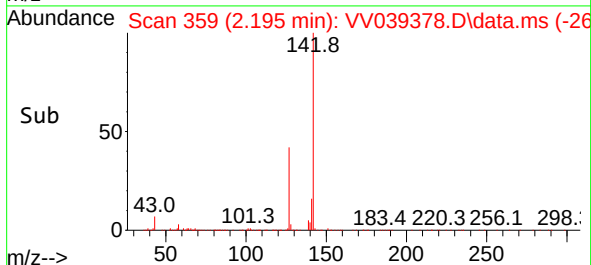
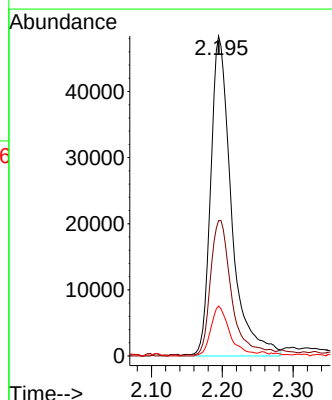
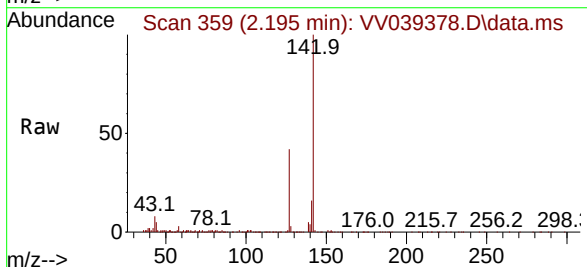
Instrument :
MSVOA_V
ClientSampleId :
VV1113WBS01

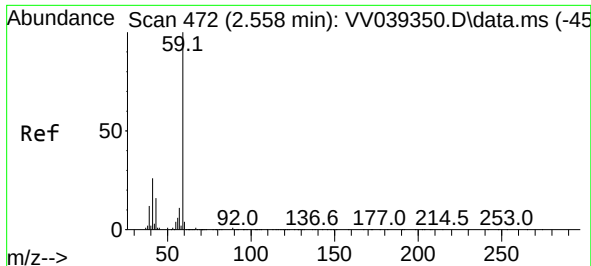
Tgt Ion:101 Resp: 138086
Ion Ratio Lower Upper
101 100
85 42.5 33.5 50.3
151 78.4 63.6 95.4



#10
Methyl Iodide
Concen: 21.153 ug/l
RT: 2.195 min Scan# 359
Delta R.T. -0.000 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

Tgt Ion:142 Resp: 98532
Ion Ratio Lower Upper
142 100
127 42.3 35.1 52.7
141 14.3 11.9 17.9

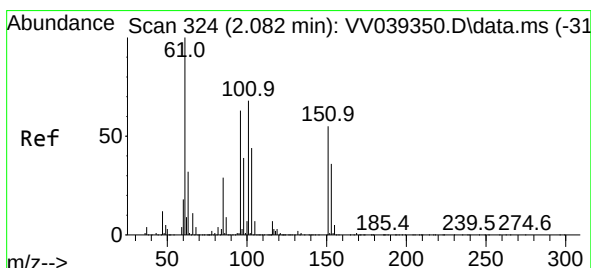
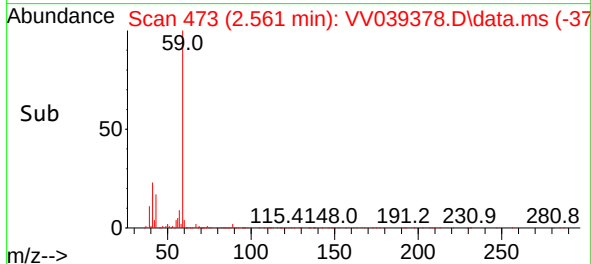
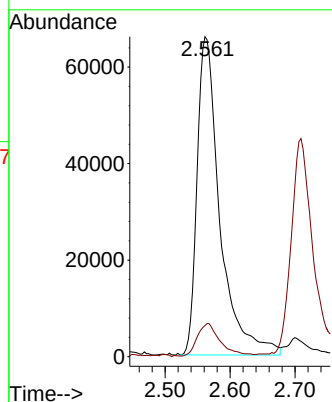
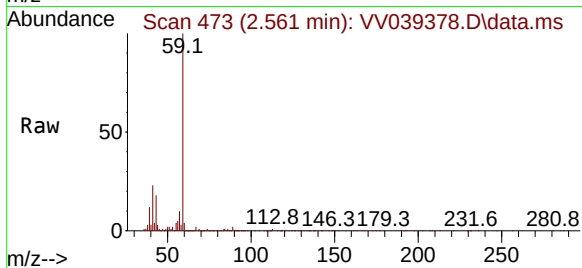




#11
Tert butyl alcohol
Concen: 148.531 ug/l
RT: 2.561 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

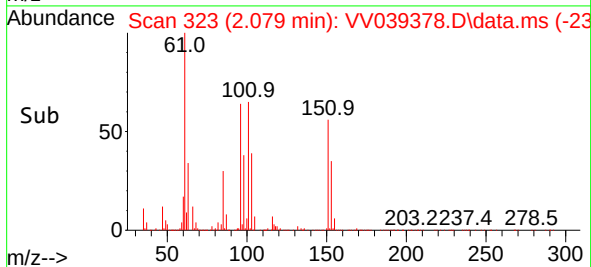
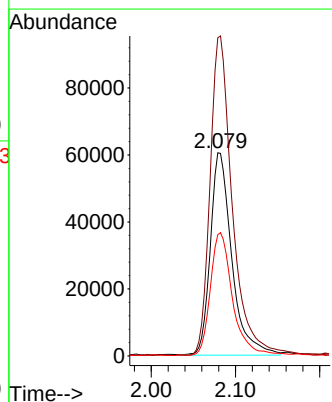
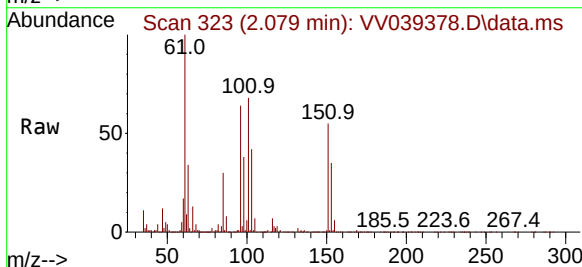
Instrument :
MSVOA_V
ClientSampleId :
VV1113WBS01

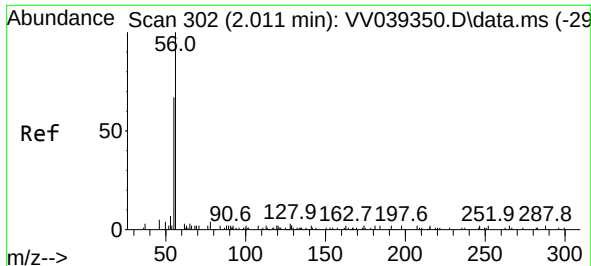
Tgt Ion: 59 Resp: 161329
Ion Ratio Lower Upper
59 100
57 10.3 8.0 12.0



#12
1,1-Dichloroethene
Concen: 17.954 ug/l
RT: 2.079 min Scan# 323
Delta R.T. -0.003 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

Tgt Ion: 96 Resp: 107411
Ion Ratio Lower Upper
96 100
61 156.6 127.8 191.6
98 59.5 50.2 75.2

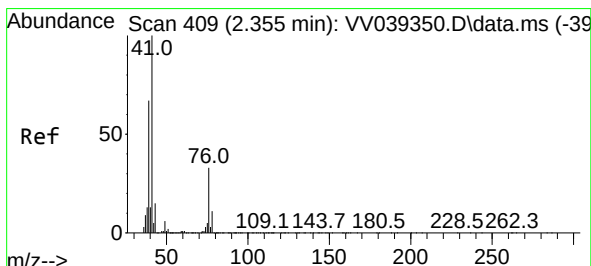
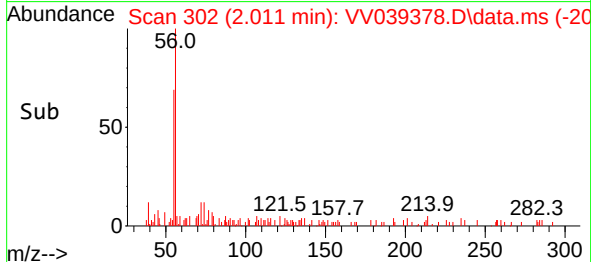
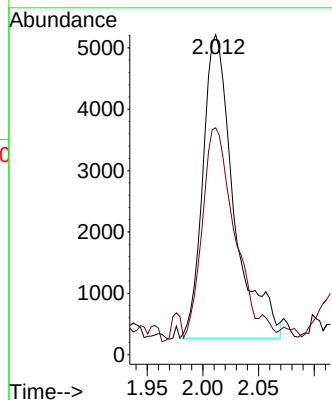
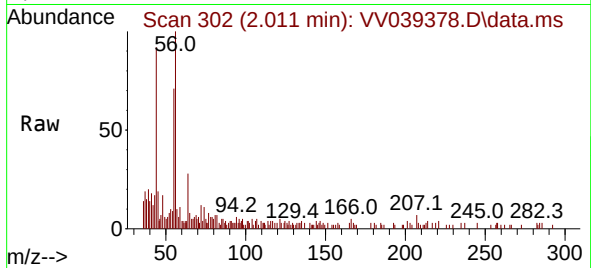




#13
Acrolein
Concen: 115.699 ug/l
RT: 2.011 min Scan# 302
Delta R.T. 0.000 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

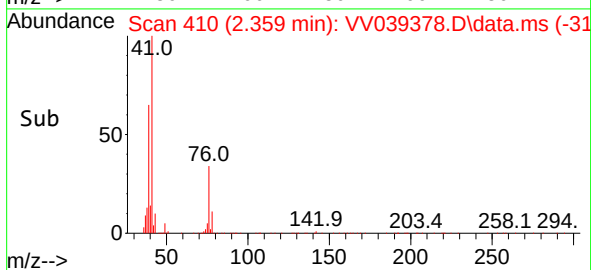
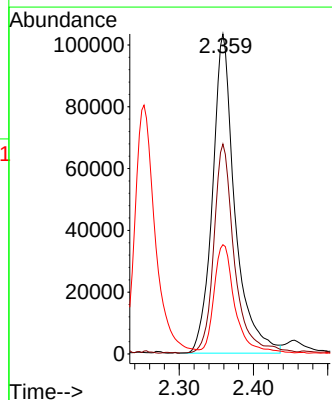
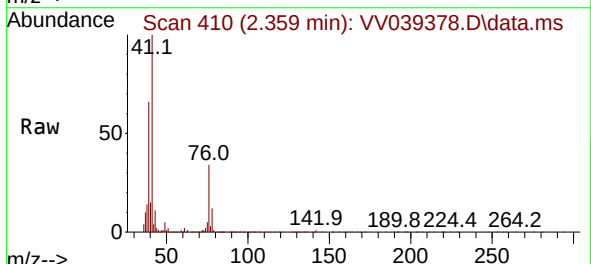
Instrument :
MSVOA_V
ClientSampleId :
VV1113WBS01

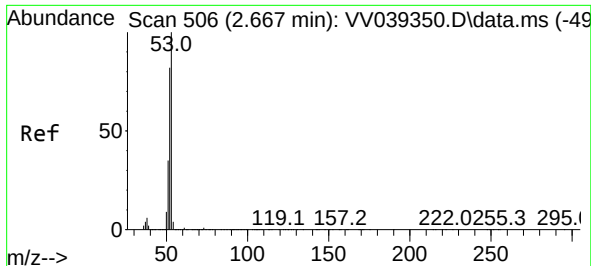
Tgt Ion: 56 Resp: 9604
Ion Ratio Lower Upper
56 100
55 70.1 55.2 82.8



#14
Allyl chloride
Concen: 20.305 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.004 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

Tgt Ion: 41 Resp: 216447
Ion Ratio Lower Upper
41 100
39 60.3 50.7 76.1
76 31.5 27.0 40.6

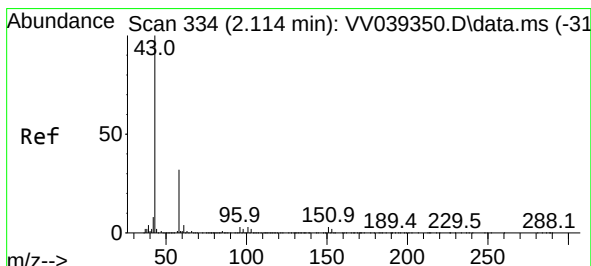
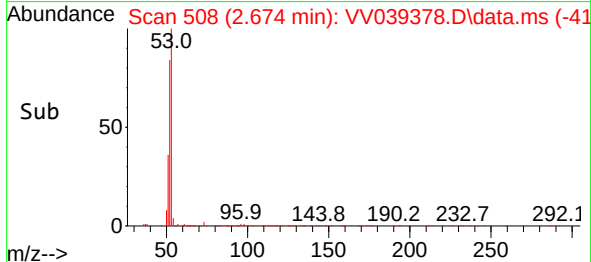
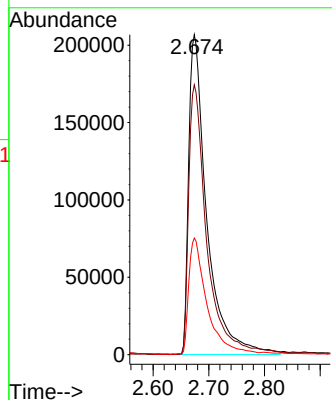
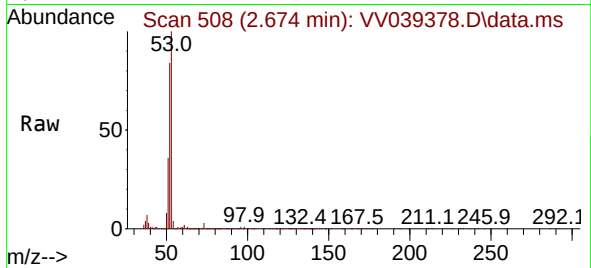




#15
Acrylonitrile
Concen: 110.851 ug/l
RT: 2.674 min Scan# 506
Delta R.T. 0.007 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

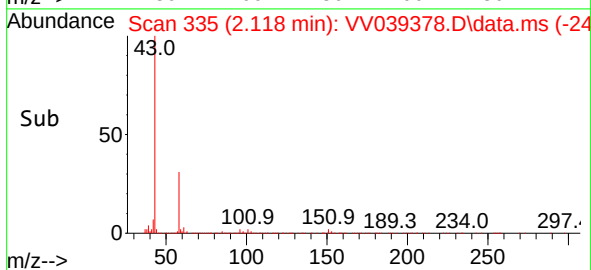
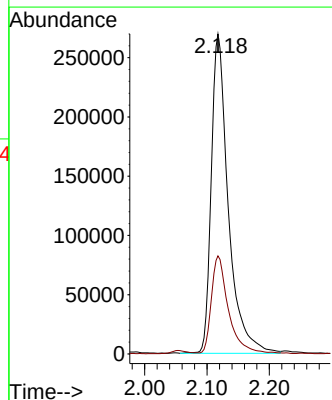
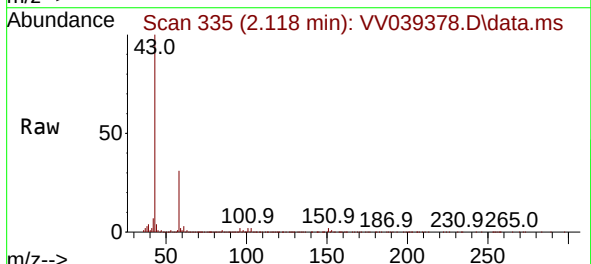
Instrument :
MSVOA_V
ClientSampleId :
VV1113WBS01

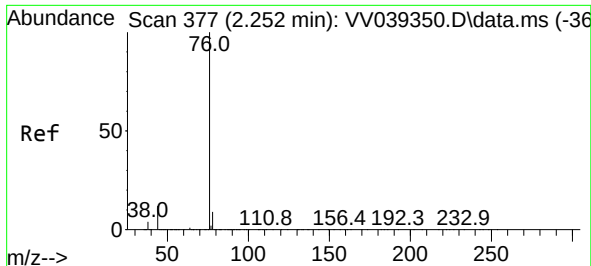
Tgt Ion: 53 Resp: 467317
Ion Ratio Lower Upper
53 100
52 84.1 65.2 97.8
51 36.5 28.4 42.6



#16
Acetone
Concen: 116.386 ug/l
RT: 2.118 min Scan# 335
Delta R.T. 0.004 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

Tgt Ion: 43 Resp: 510519
Ion Ratio Lower Upper
43 100
58 30.4 25.5 38.3

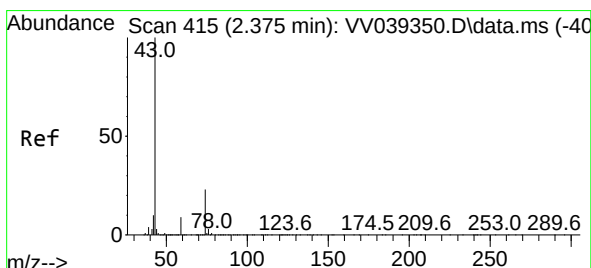
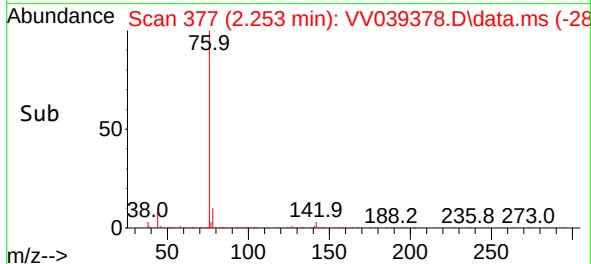
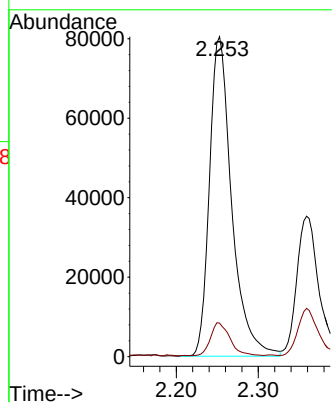
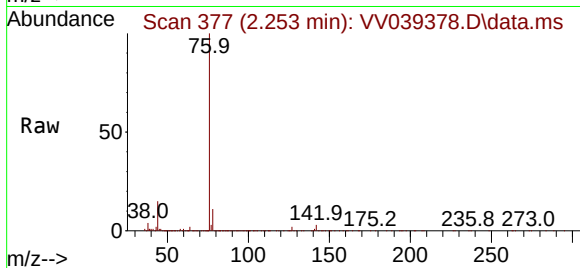




#17
Carbon Disulfide
Concen: 18.475 ug/l
RT: 2.253 min Scan# 317
Delta R.T. 0.001 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

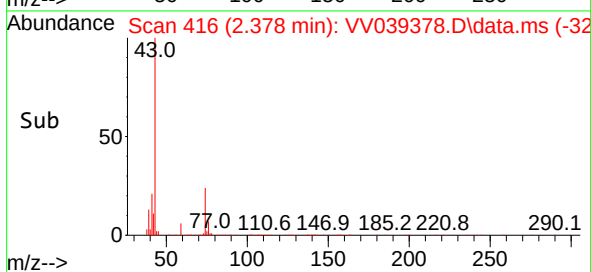
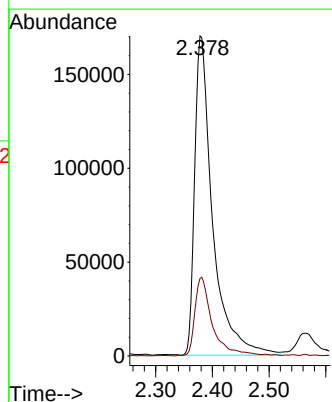
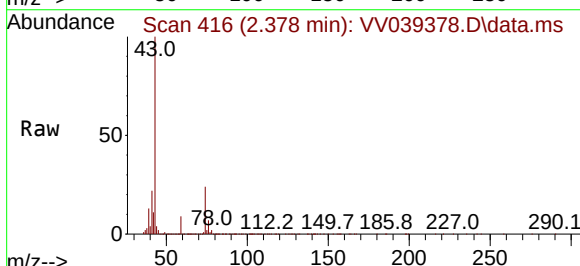
Instrument :
MSVOA_V
ClientSampleId :
VV1113WBS01

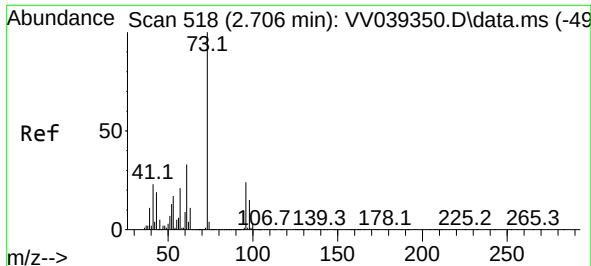
Tgt Ion: 76 Resp: 151899
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.0



#18
Methyl Acetate
Concen: 26.022 ug/l
RT: 2.378 min Scan# 416
Delta R.T. 0.003 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

Tgt Ion: 43 Resp: 373701
Ion Ratio Lower Upper
43 100
74 24.0 18.9 28.3

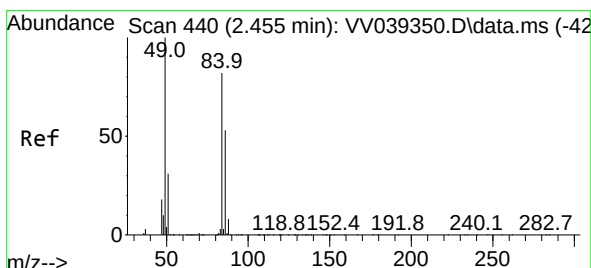
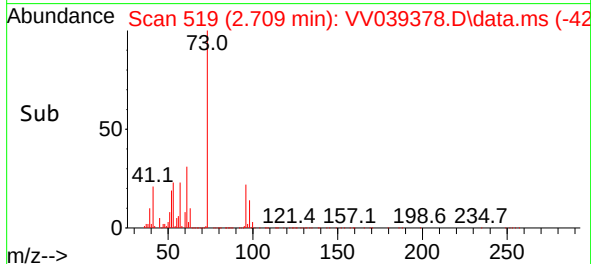
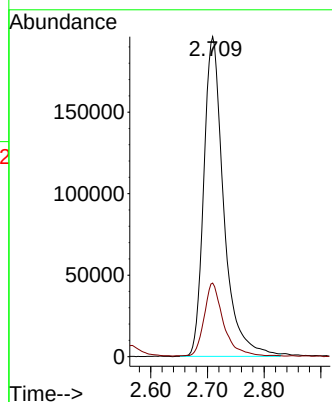
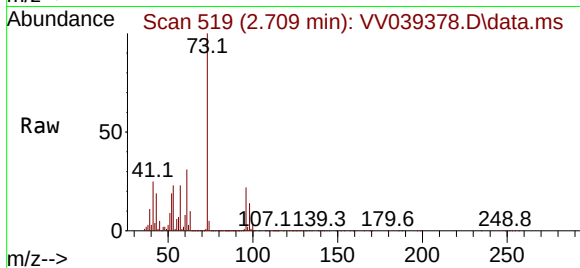




#19
Methyl tert-butyl Ether
Concen: 21.360 ug/l
RT: 2.709 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

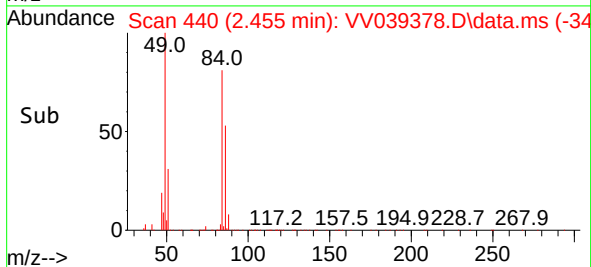
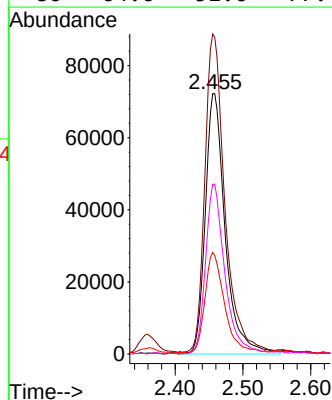
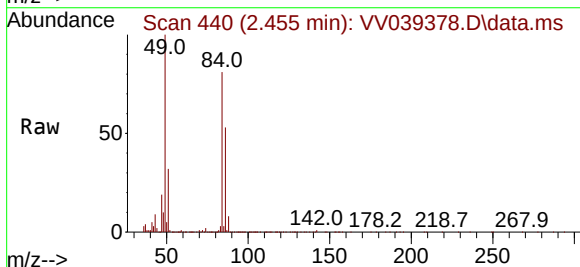
Instrument :
MSVOA_V
ClientSampleId :
VV1113WBS01

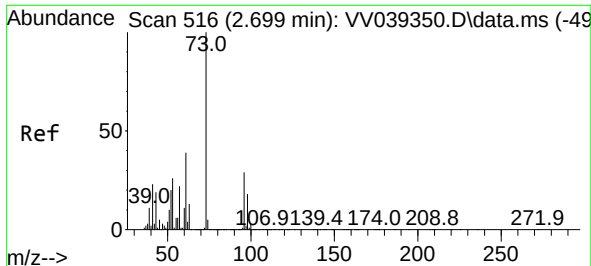
Tgt Ion: 73 Resp: 480487
Ion Ratio Lower Upper
73 100
57 22.8 17.0 25.6



#20
Methylene Chloride
Concen: 20.761 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

Tgt Ion: 84 Resp: 147049
Ion Ratio Lower Upper
84 100
49 122.0 97.8 146.8
51 38.5 30.2 45.4
86 64.6 51.6 77.4

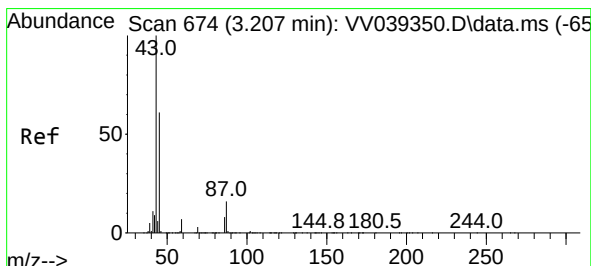
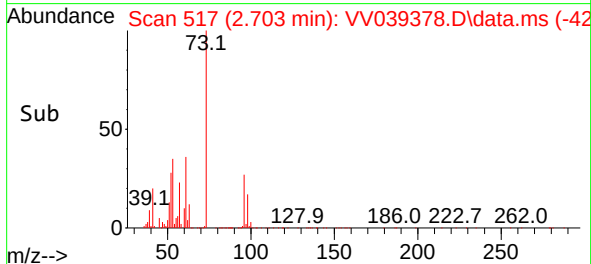
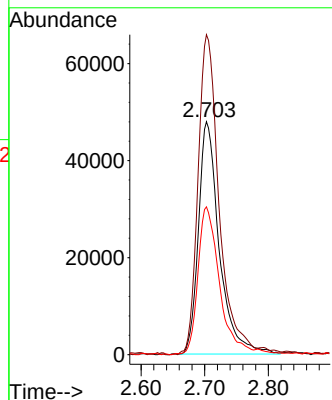
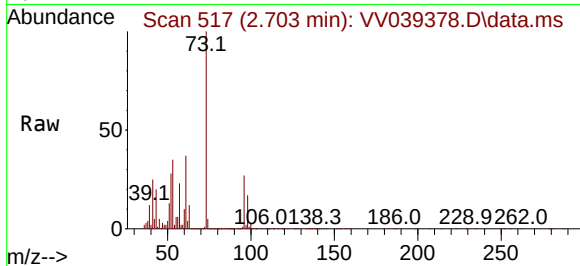




#21
trans-1,2-Dichloroethene
Concen: 18.400 ug/l
RT: 2.703 min Scan# 516
Delta R.T. 0.004 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

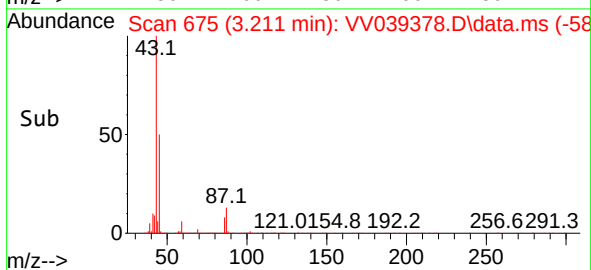
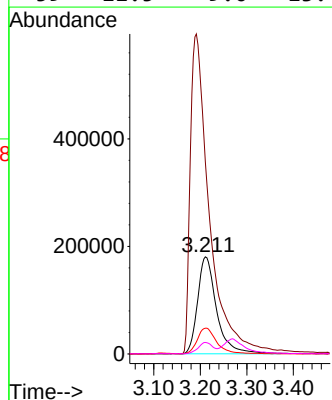
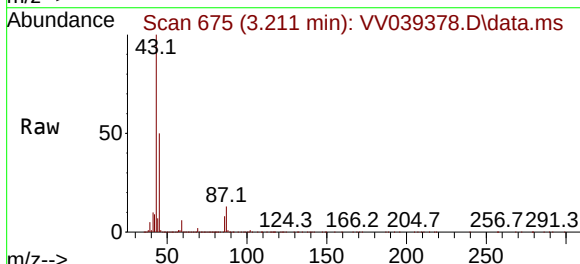
Instrument :
MSVOA_V
ClientSampleId :
VV1113WBS01

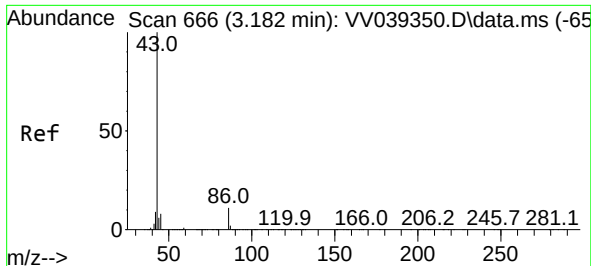
Tgt Ion: 96 Resp: 109181
Ion Ratio Lower Upper
96 100
61 136.8 108.9 163.3
98 63.2 51.7 77.5



#22
Diisopropyl ether
Concen: 22.089 ug/l
RT: 3.211 min Scan# 675
Delta R.T. 0.004 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

Tgt Ion: 45 Resp: 511574
Ion Ratio Lower Upper
45 100
43 198.1 132.1 198.1
87 26.3 21.8 32.6
59 11.5 9.0 13.4

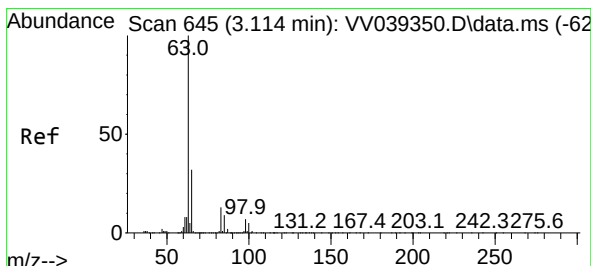
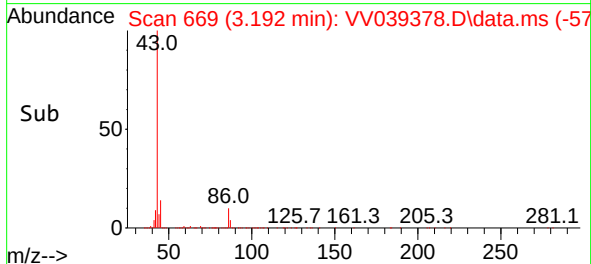
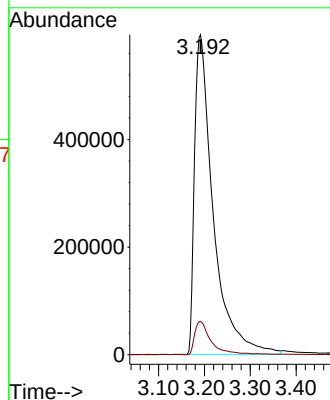
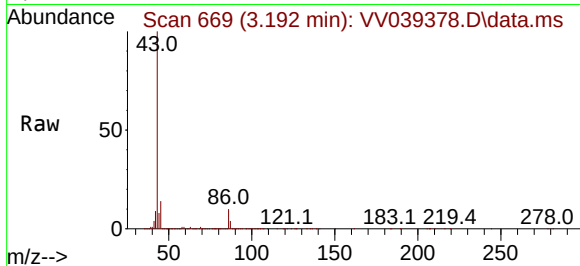




#23
 Vinyl Acetate
 Concen: 103.188 ug/l
 RT: 3.192 min Scan# 609
 Delta R.T. 0.010 min
 Lab File: VV039378.D
 Acq: 13 Nov 2025 12:46

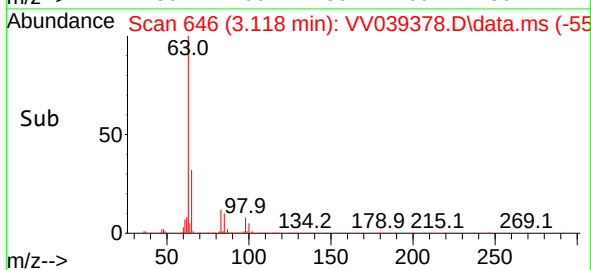
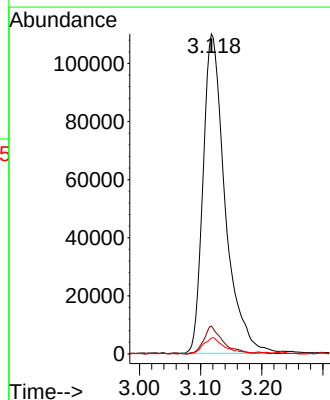
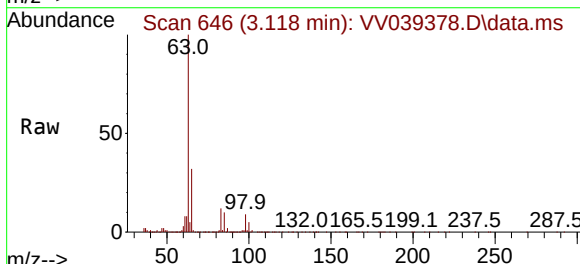
Instrument :
 MSVOA_V
 ClientSampleId :
 VV1113WBS01

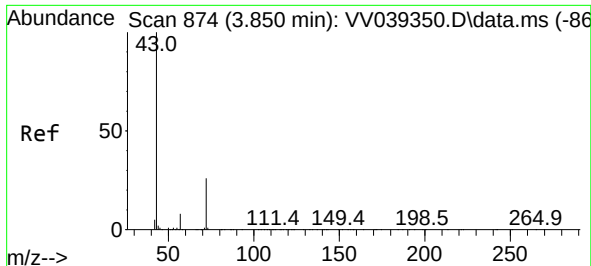
Tgt Ion: 43 Resp: 1687942
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 19.566 ug/l
 RT: 3.118 min Scan# 646
 Delta R.T. 0.004 min
 Lab File: VV039378.D
 Acq: 13 Nov 2025 12:46

Tgt Ion: 63 Resp: 275544
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.5 10.5
 100 4.9 2.3 6.9

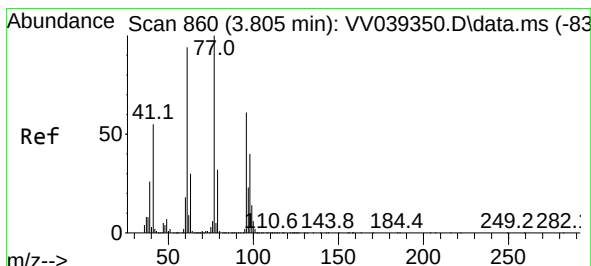
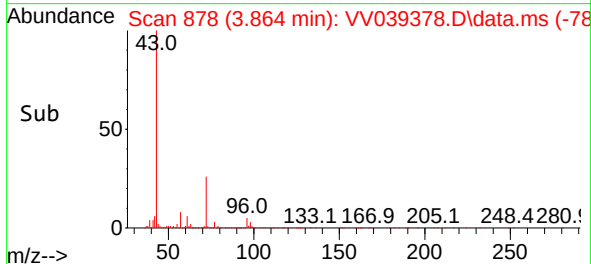
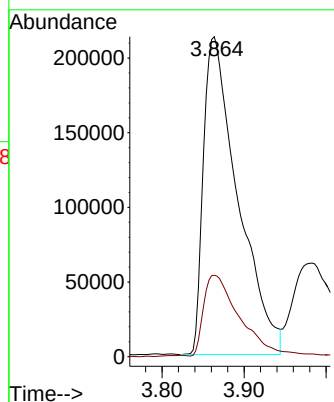
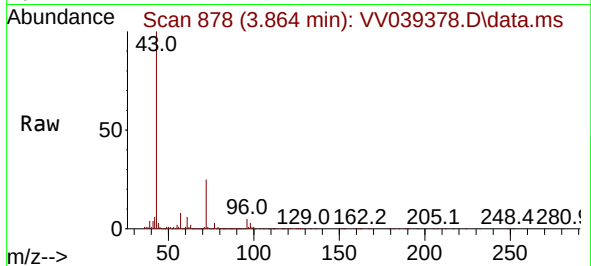




#25
2-Butanone
Concen: 111.242 ug/l
RT: 3.864 min Scan# 81
Delta R.T. 0.014 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

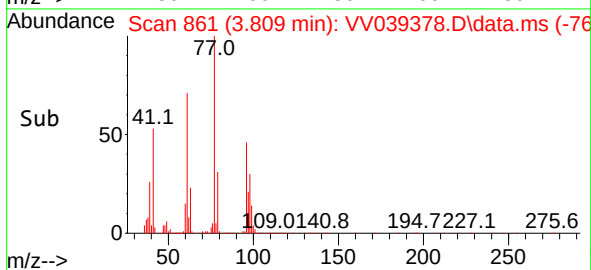
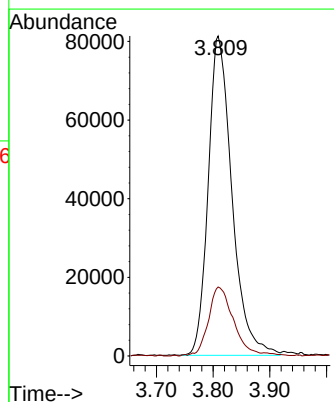
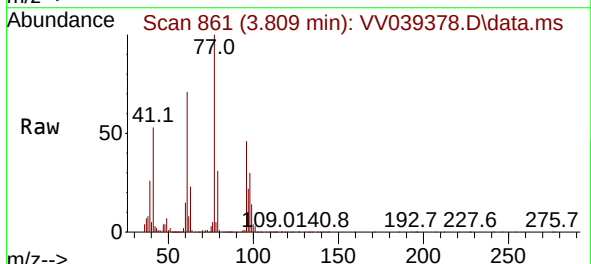
Instrument :
MSVOA_V
ClientSampleId :
VV1113WBS01

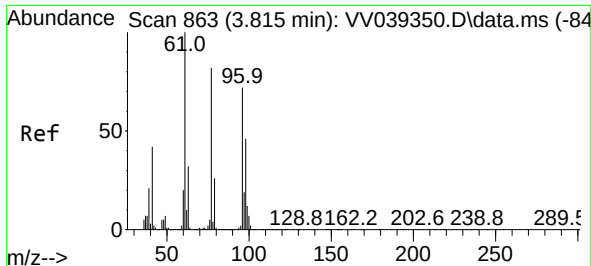
Tgt Ion: 43 Resp: 622638
Ion Ratio Lower Upper
43 100
72 25.2 20.5 30.7



#26
2,2-Dichloropropane
Concen: 19.957 ug/l
RT: 3.809 min Scan# 861
Delta R.T. 0.004 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

Tgt Ion: 77 Resp: 236389
Ion Ratio Lower Upper
77 100
97 22.0 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 19.809 ug/l

RT: 3.822 min Scan# 865

Delta R.T. 0.007 min

Lab File: VV039378.D

Acq: 13 Nov 2025 12:46

Instrument :

MSVOA_V

ClientSampleId :

VV1113WBS01

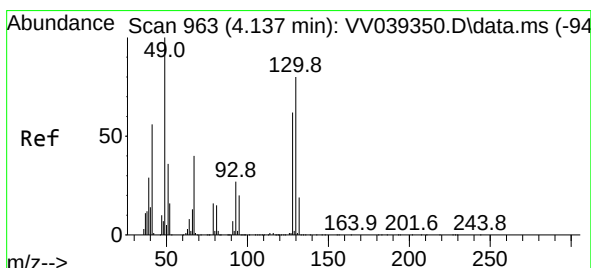
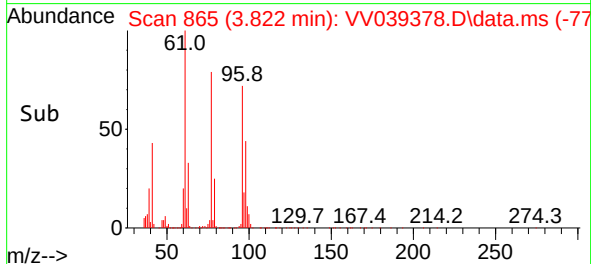
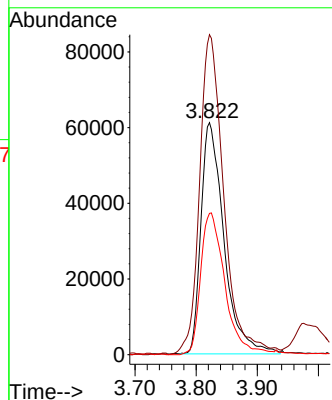
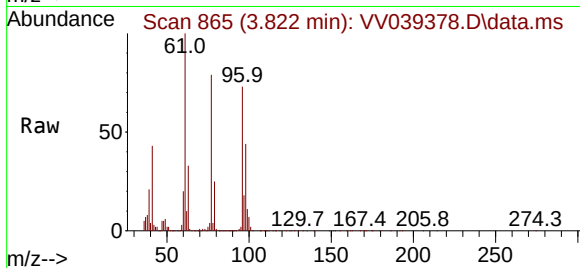
Tgt Ion: 96 Resp: 159628

Ion Ratio Lower Upper

96 100

61 145.4 0.0 287.8

98 64.6 0.0 129.6



#28

Bromochloromethane

Concen: 19.945 ug/l

RT: 4.146 min Scan# 966

Delta R.T. 0.009 min

Lab File: VV039378.D

Acq: 13 Nov 2025 12:46

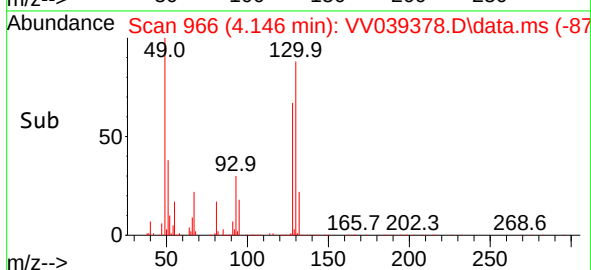
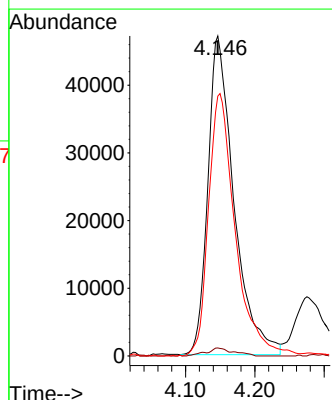
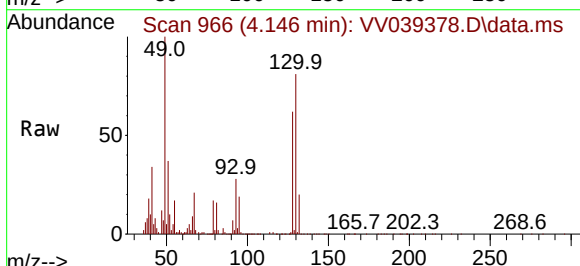
Tgt Ion: 49 Resp: 122843

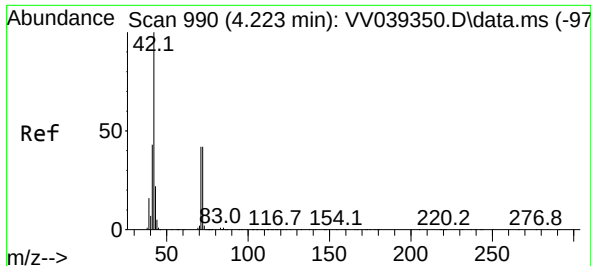
Ion Ratio Lower Upper

49 100

129 0.9 0.0 2.0

130 84.7 67.9 101.9





#29

Tetrahydrofuran

Concen: 117.814 ug/l

RT: 4.233 min Scan# 990

Delta R.T. 0.010 min

Lab File: VV039378.D

Acq: 13 Nov 2025 12:46

Instrument :

MSVOA_V

ClientSampleId :

VV1113WBS01

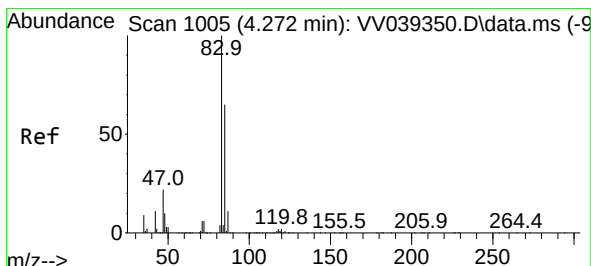
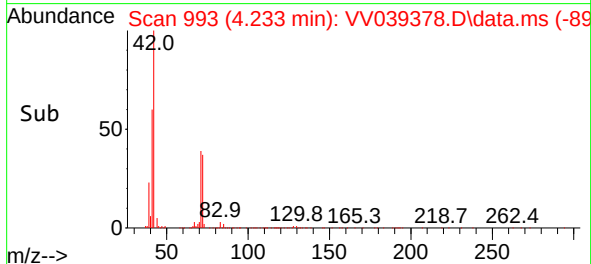
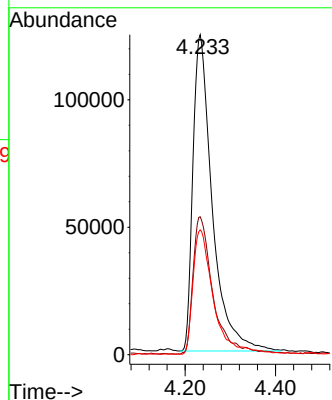
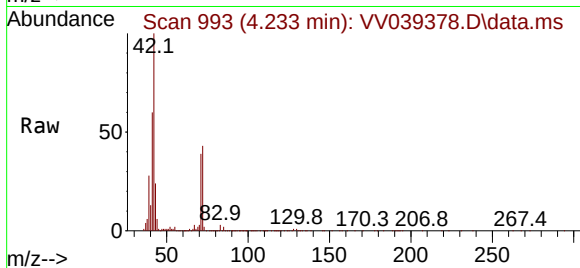
Tgt Ion: 42 Resp: 369129

Ion Ratio Lower Upper

42 100

72 43.2 35.3 52.9

71 39.4 34.0 51.0



#30

Chloroform

Concen: 19.933 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. 0.006 min

Lab File: VV039378.D

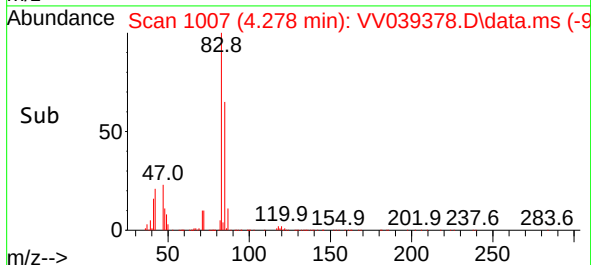
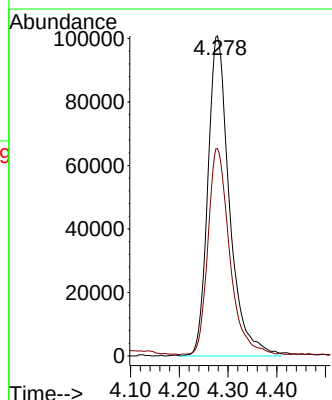
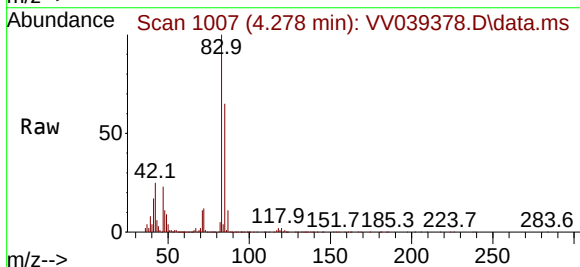
Acq: 13 Nov 2025 12:46

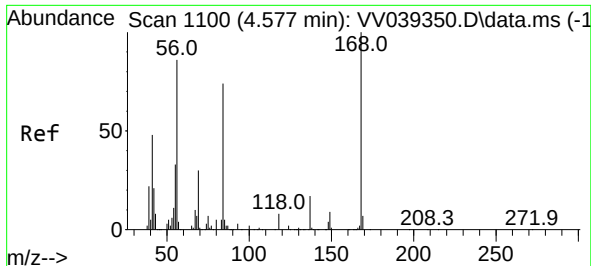
Tgt Ion: 83 Resp: 310044

Ion Ratio Lower Upper

83 100

85 64.4 51.8 77.8

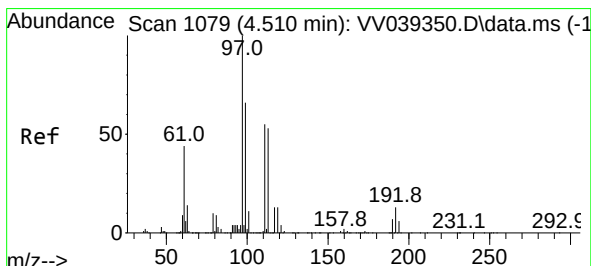
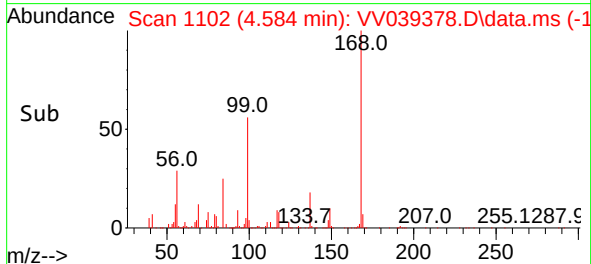
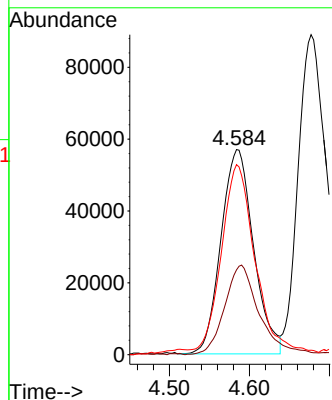
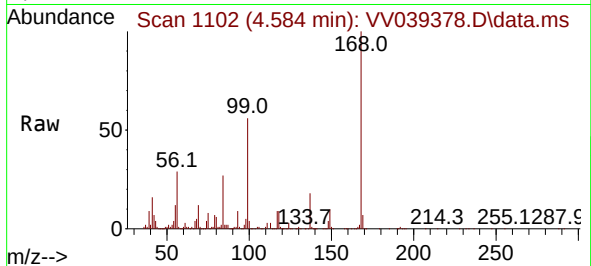




#31
Cyclohexane
Concen: 18.270 ug/l
RT: 4.584 min Scan# 1100
Delta R.T. 0.007 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

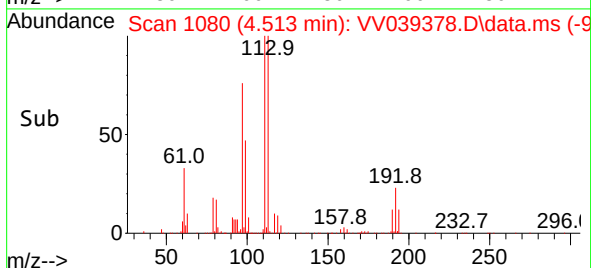
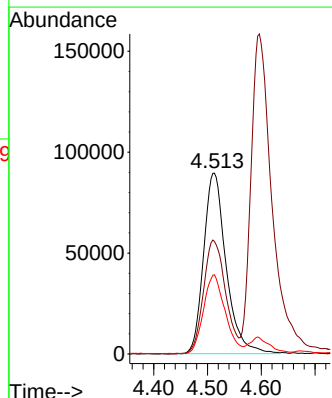
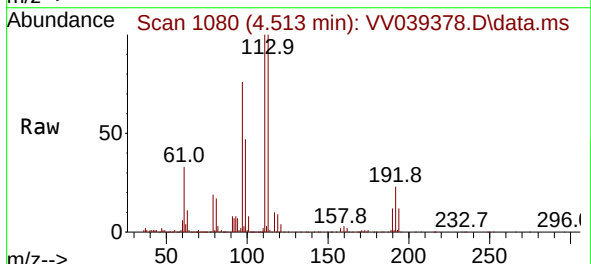
Instrument :
MSVOA_V
ClientSampleId :
VV1113WBS01

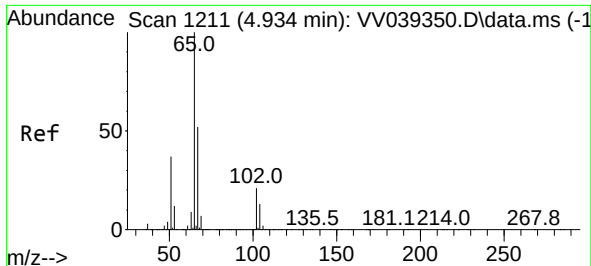
Tgt Ion: 56 Resp: 161047
Ion Ratio Lower Upper
56 100
69 40.9 27.7 41.5
84 90.4 69.4 104.2



#32
1,1,1-Trichloroethane
Concen: 20.013 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. 0.003 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

Tgt Ion: 97 Resp: 260317
Ion Ratio Lower Upper
97 100
99 61.7 49.9 74.9
61 42.1 33.9 50.9





#33

1,2-Dichloroethane-d4

Concen: 49.820 ug/l

RT: 4.937 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV039378.D

Acq: 13 Nov 2025 12:46

Instrument :

MSVOA_V

ClientSampleId :

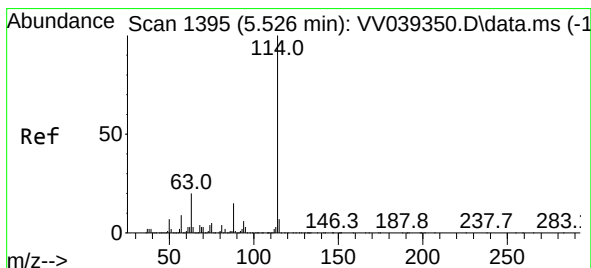
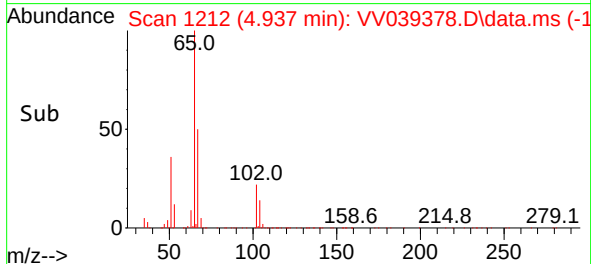
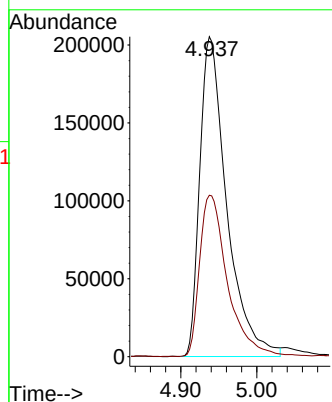
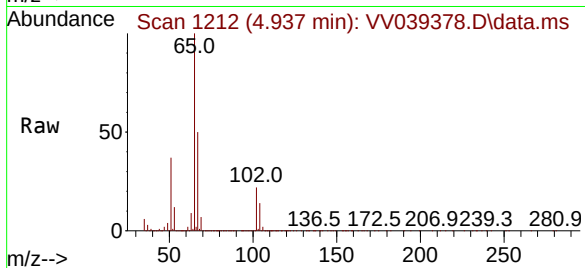
VV1113WBS01

Tgt Ion: 65 Resp: 505121

Ion Ratio Lower Upper

65 100

67 52.3 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1396

Delta R.T. 0.003 min

Lab File: VV039378.D

Acq: 13 Nov 2025 12:46

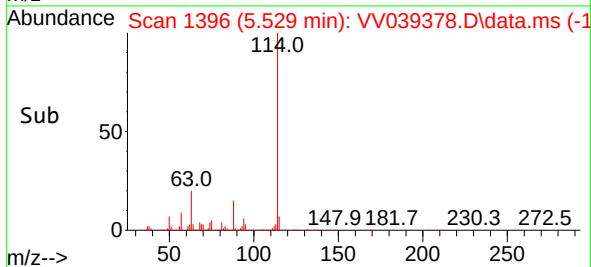
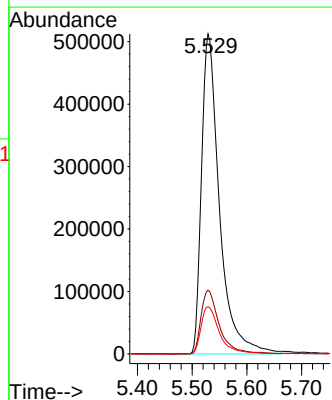
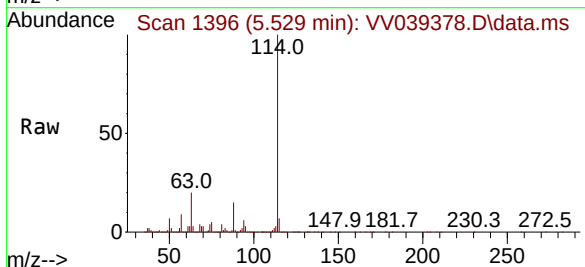
Tgt Ion: 114 Resp: 1165876

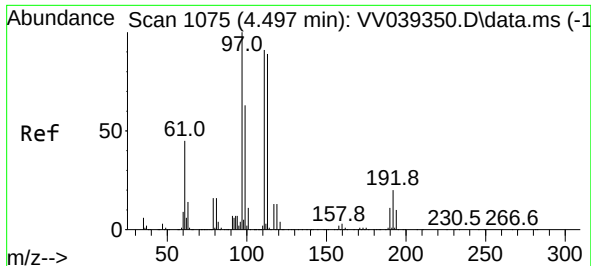
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

88 14.7 0.0 30.2

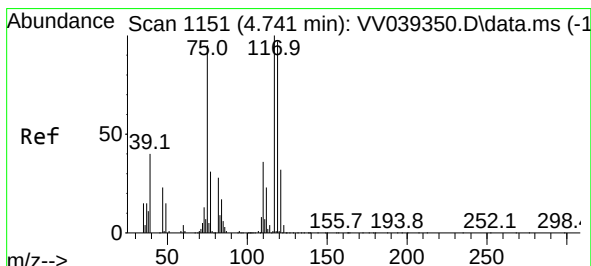
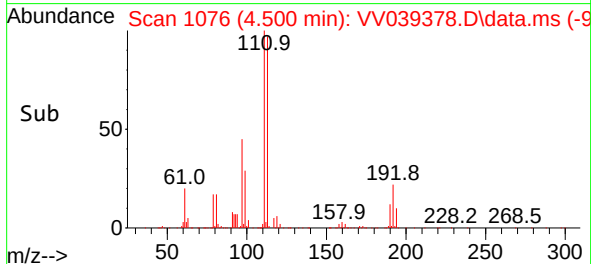
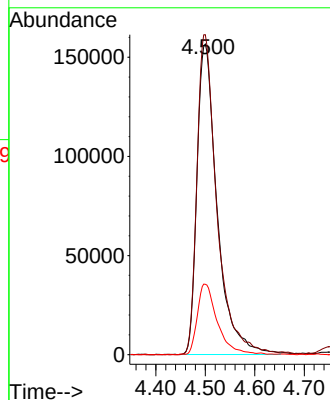
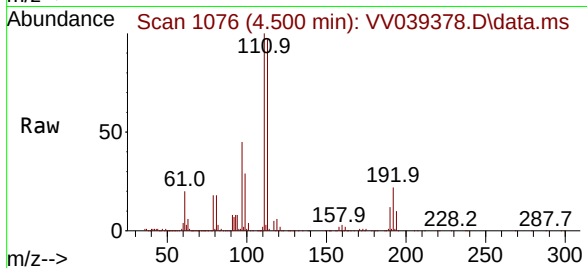




#35
Dibromofluoromethane
Concen: 49.726 ug/l
RT: 4.500 min Scan# 1103
Delta R.T. 0.003 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

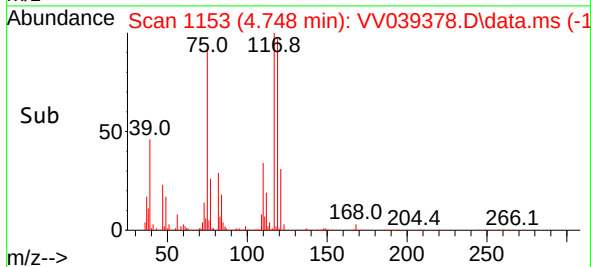
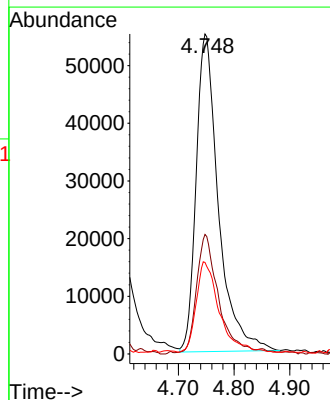
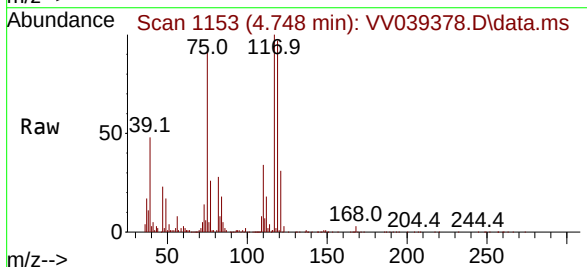
Instrument :
MSVOA_V
ClientSampleId :
VV1113WBS01

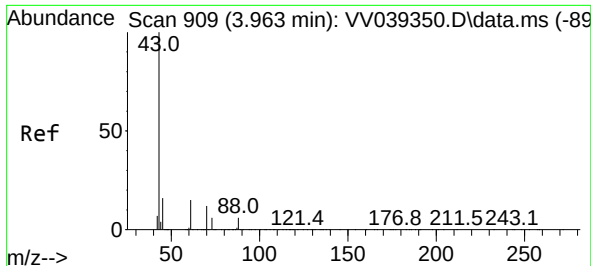
Tgt Ion:113 Resp: 444658
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 22.2 17.8 26.8



#36
1,1-Dichloropropene
Concen: 19.872 ug/l
RT: 4.748 min Scan# 1153
Delta R.T. 0.007 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

Tgt Ion: 75 Resp: 153057
Ion Ratio Lower Upper
75 100
110 35.9 18.1 54.4
77 28.8 24.0 36.0





#37

Ethyl Acetate

Concen: 17.618 ug/l

RT: 3.982 min Scan# 915

Delta R.T. 0.019 min

Lab File: VV039378.D

Acq: 13 Nov 2025 12:46

Instrument :

MSVOA_V

ClientSampleId :

VV1113WBS01

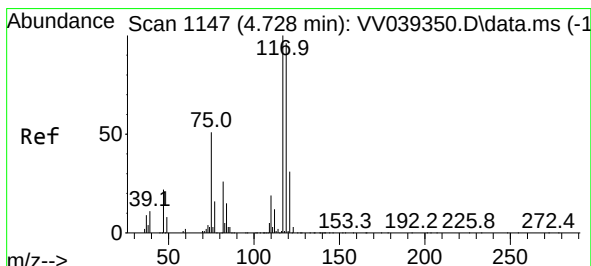
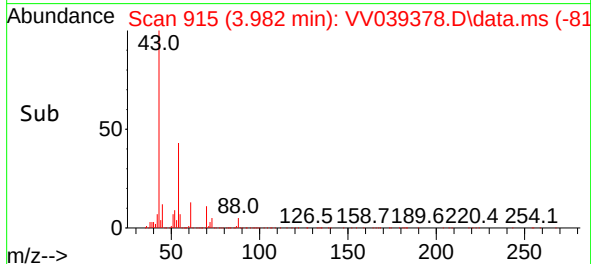
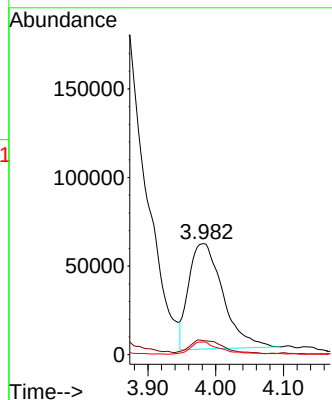
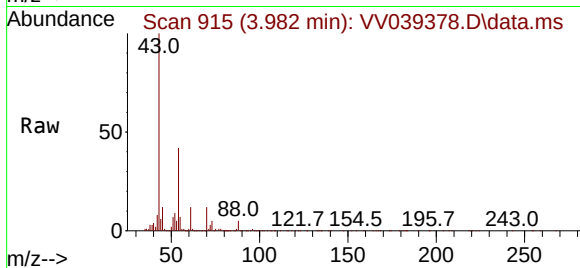
Tgt Ion: 43 Resp: 208458

Ion Ratio Lower Upper

43 100

61 13.1 9.3 13.9

70 9.9 7.0 10.4



#38

Carbon Tetrachloride

Concen: 19.165 ug/l

RT: 4.732 min Scan# 1148

Delta R.T. 0.003 min

Lab File: VV039378.D

Acq: 13 Nov 2025 12:46

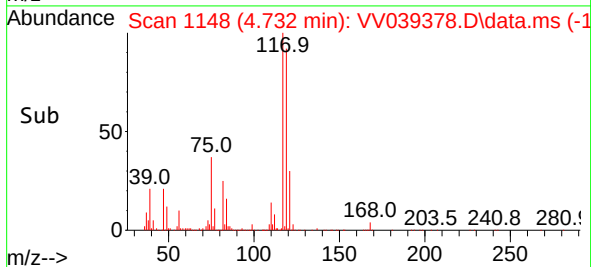
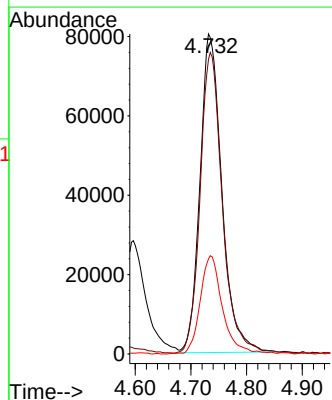
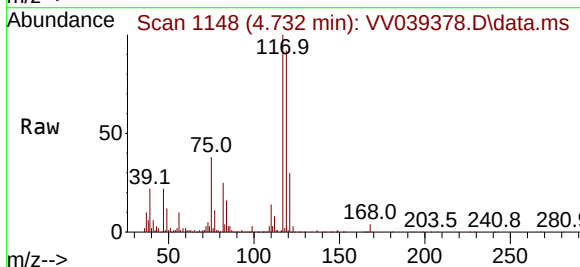
Tgt Ion: 117 Resp: 219264

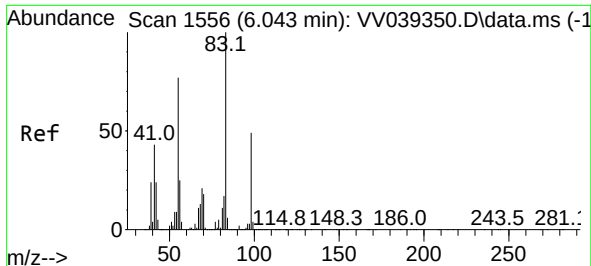
Ion Ratio Lower Upper

117 100

119 92.1 76.1 114.1

121 29.6 25.0 37.4





#39

Methylcyclohexane

Concen: 17.899 ug/l

RT: 6.047 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV039378.D

Acq: 13 Nov 2025 12:46

Instrument :

MSVOA_V

ClientSampleId :

VV1113WBS01

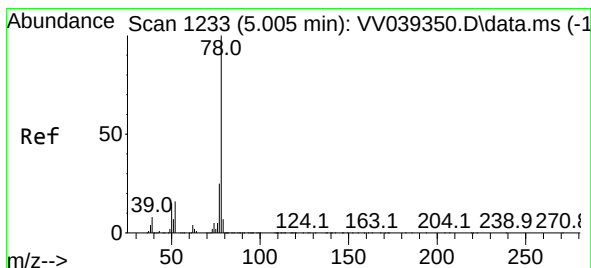
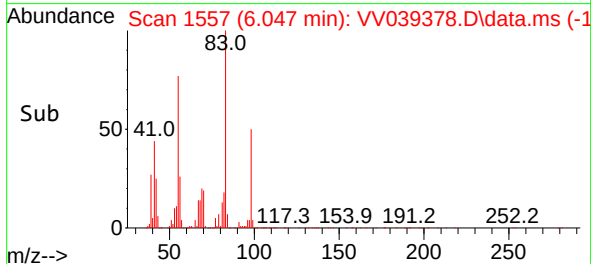
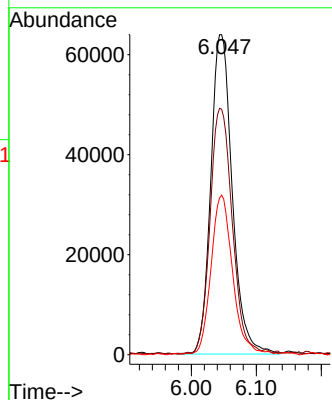
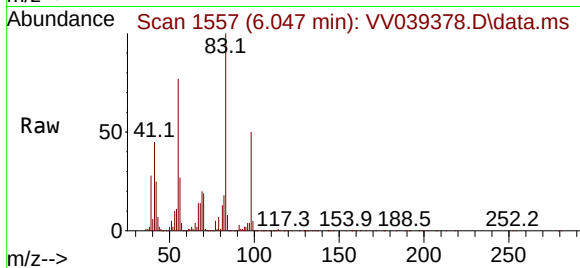
Tgt Ion: 83 Resp: 146772

Ion Ratio Lower Upper

83 100

55 76.4 61.3 91.9

98 49.7 39.0 58.6



#40

Benzene

Concen: 19.319 ug/l

RT: 5.011 min Scan# 1235

Delta R.T. 0.007 min

Lab File: VV039378.D

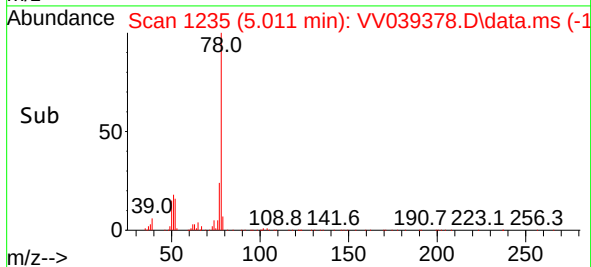
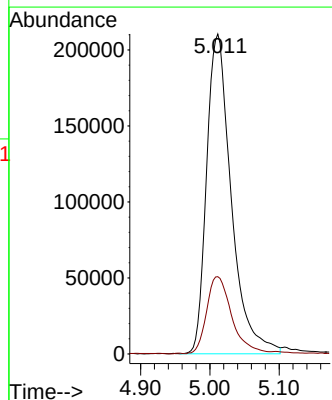
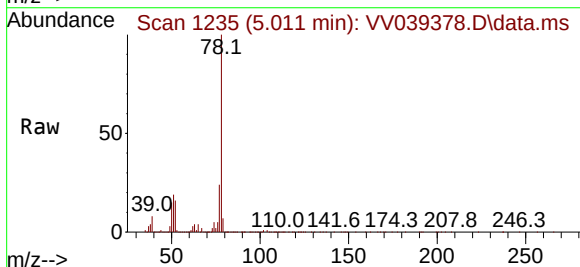
Acq: 13 Nov 2025 12:46

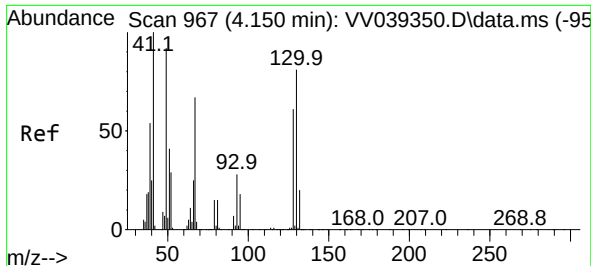
Tgt Ion: 78 Resp: 520339

Ion Ratio Lower Upper

78 100

77 23.9 19.6 29.4

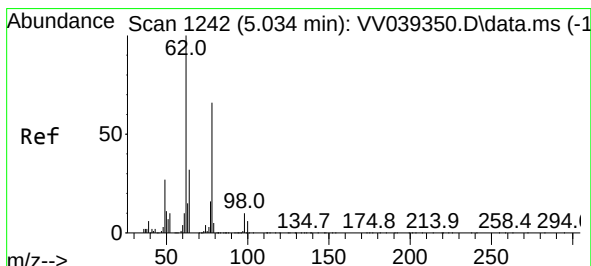
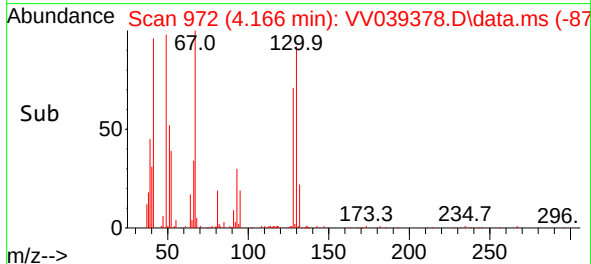
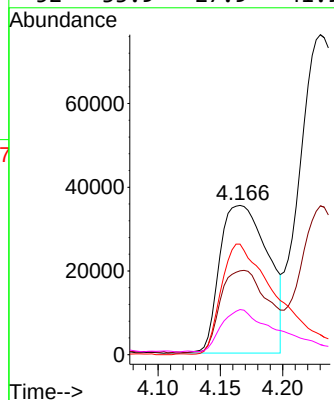
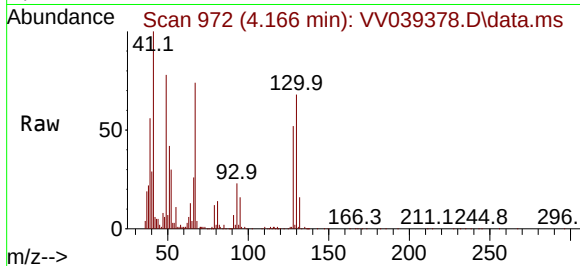




#41
Methacrylonitrile
Concen: 22.505 ug/l
RT: 4.166 min Scan# 91
Delta R.T. 0.016 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

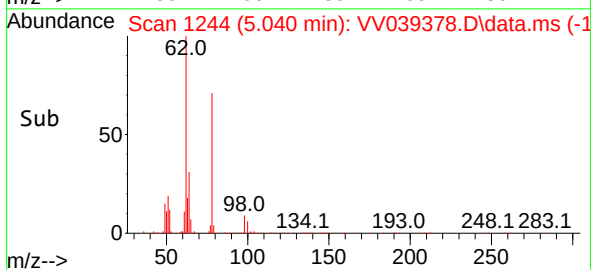
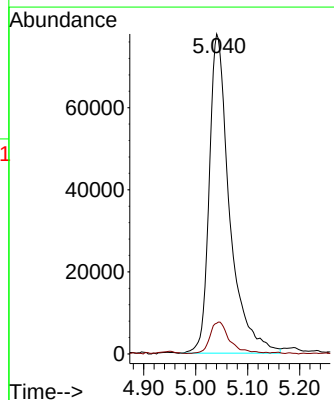
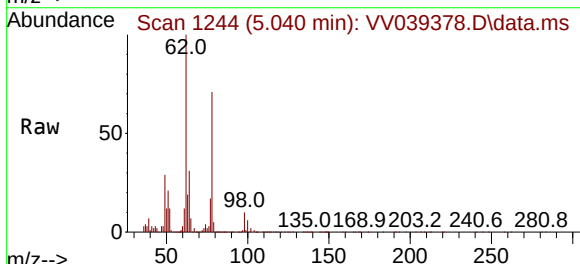
Instrument :
MSVOA_V
ClientSampleId :
VV1113WBS01

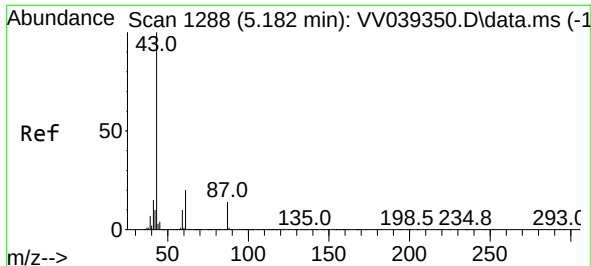
Tgt Ion:	41	Resp:	95092
Ion	Ratio	Lower	Upper
41	100		
39	55.9	44.3	66.5
67	89.6	71.4	107.2
52	33.9	27.9	41.9



#42
1,2-Dichloroethane
Concen: 20.168 ug/l
RT: 5.040 min Scan# 1244
Delta R.T. 0.007 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

Tgt Ion:	62	Resp:	211683
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	18.6

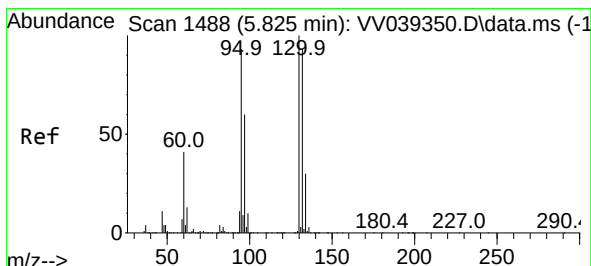
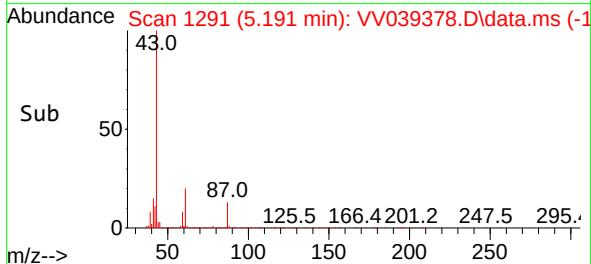
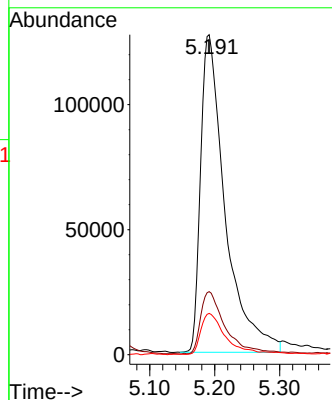
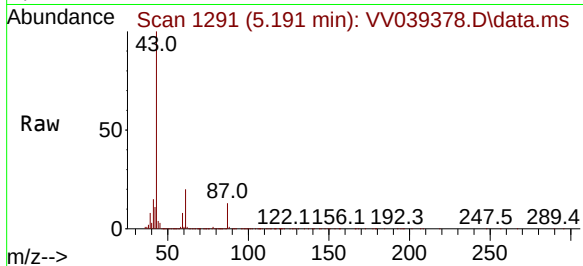




#43
Isopropyl Acetate
Concen: 21.238 ug/l
RT: 5.191 min Scan# 1491
Delta R.T. 0.010 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

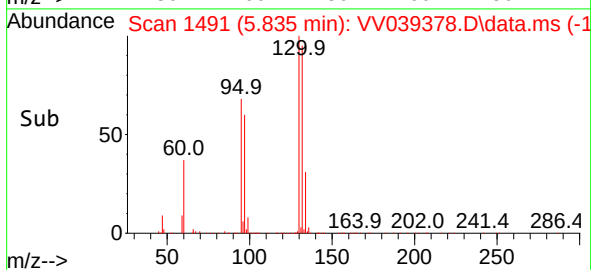
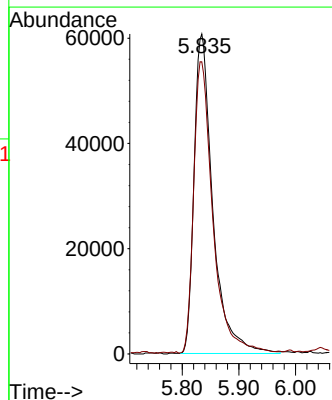
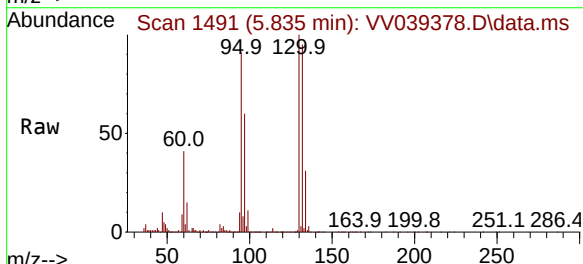
Instrument :
MSVOA_V
ClientSampleId :
VV1113WBS01

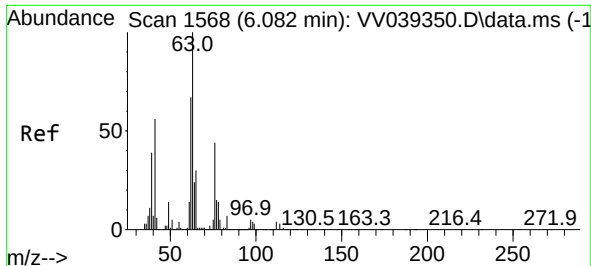
Tgt Ion: 43 Resp: 334765
Ion Ratio Lower Upper
43 100
61 19.6 15.7 23.5
87 12.5 11.1 16.7



#44
Trichloroethene
Concen: 19.082 ug/l
RT: 5.835 min Scan# 1491
Delta R.T. 0.010 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

Tgt Ion:130 Resp: 139460
Ion Ratio Lower Upper
130 100
95 91.2 0.0 186.8





#45

1,2-Dichloropropane

Concen: 20.838 ug/l

RT: 6.088 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV039378.D

Acq: 13 Nov 2025 12:46

Instrument :

MSVOA_V

ClientSampleId :

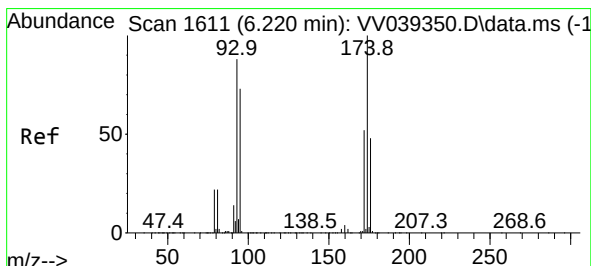
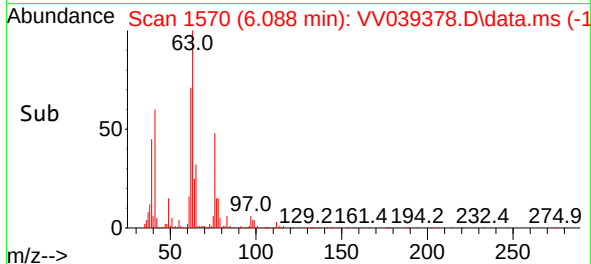
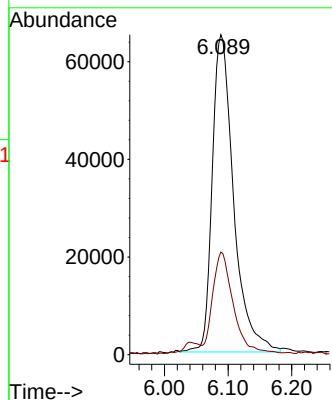
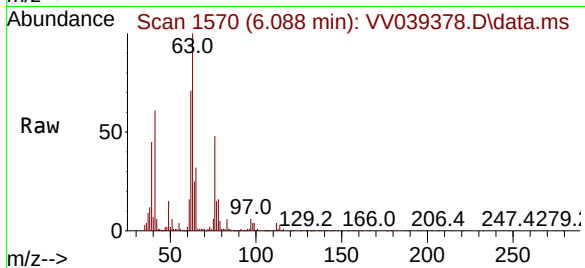
VV1113WBS01

Tgt Ion: 63 Resp: 151859

Ion Ratio Lower Upper

63 100

65 31.9 23.9 35.9



#46

Dibromomethane

Concen: 19.224 ug/l

RT: 6.227 min Scan# 1613

Delta R.T. 0.007 min

Lab File: VV039378.D

Acq: 13 Nov 2025 12:46

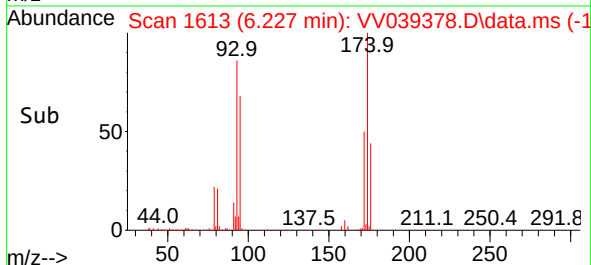
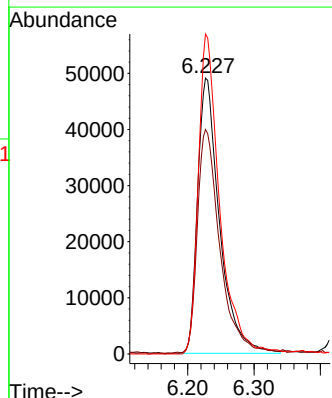
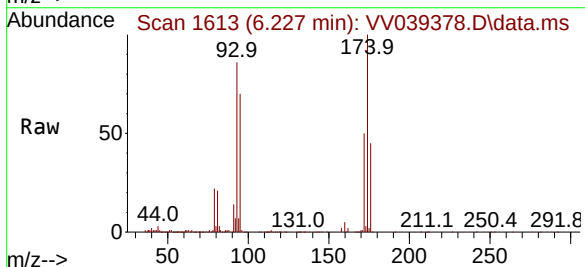
Tgt Ion: 93 Resp: 112658

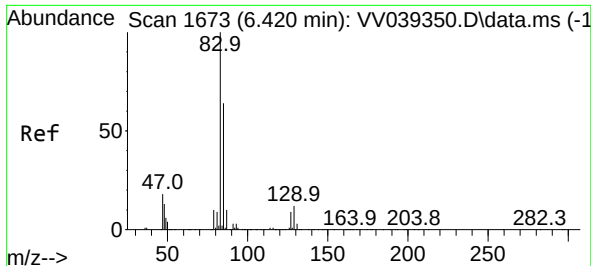
Ion Ratio Lower Upper

93 100

95 82.0 65.9 98.9

174 111.5 91.4 137.0

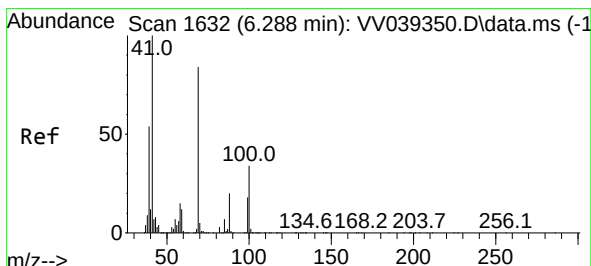
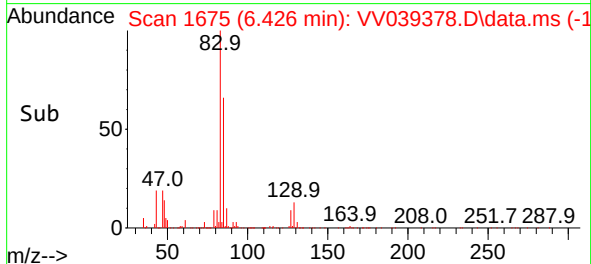
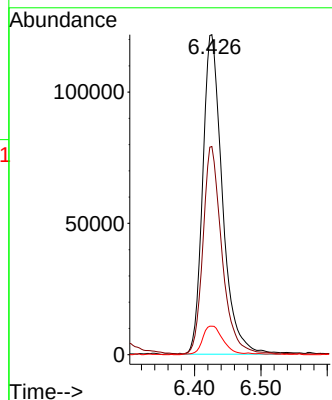
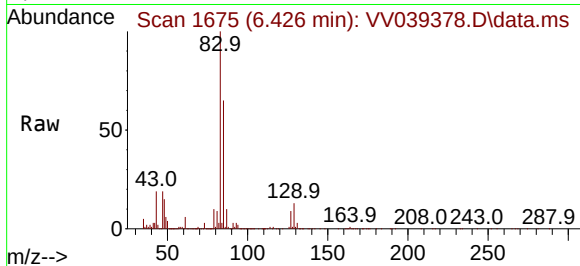




#47
Bromodichloromethane
Concen: 19.758 ug/l
RT: 6.426 min Scan# 1
Delta R.T. 0.007 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

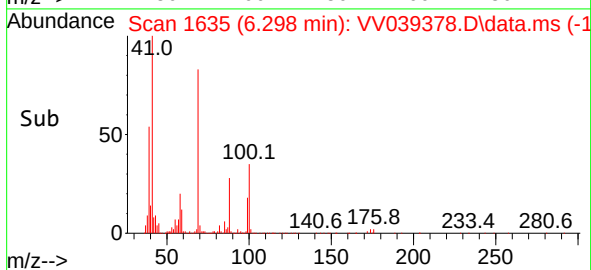
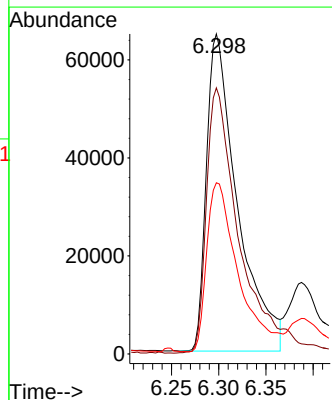
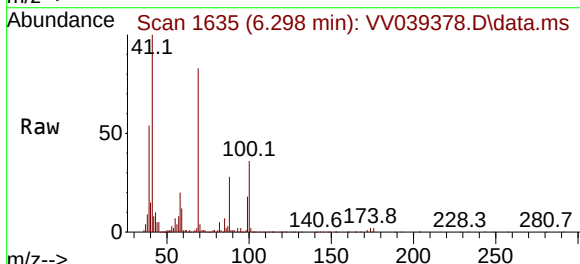
Instrument :
MSVOA_V
ClientSampleId :
VV1113WBS01

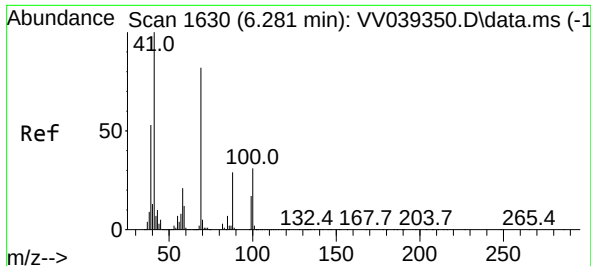
Tgt Ion: 83 Resp: 250765
Ion Ratio Lower Upper
83 100
85 64.7 51.0 76.4
127 8.9 7.3 10.9



#48
Methyl methacrylate
Concen: 20.089 ug/l
RT: 6.298 min Scan# 1635
Delta R.T. 0.010 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

Tgt Ion: 41 Resp: 147477
Ion Ratio Lower Upper
41 100
69 89.8 69.1 103.7
39 54.9 42.8 64.2

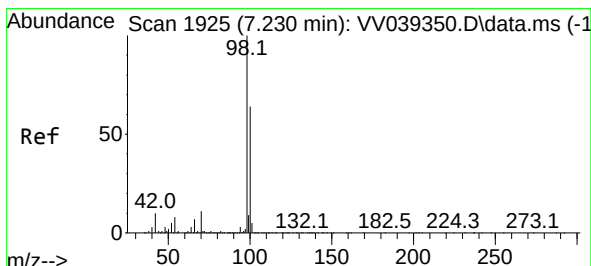
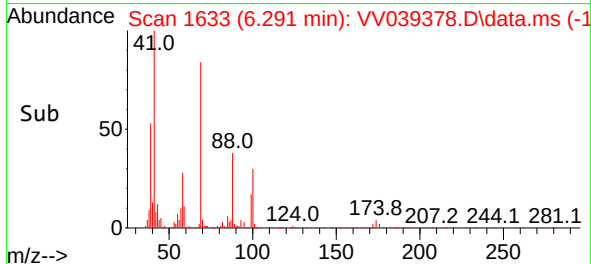
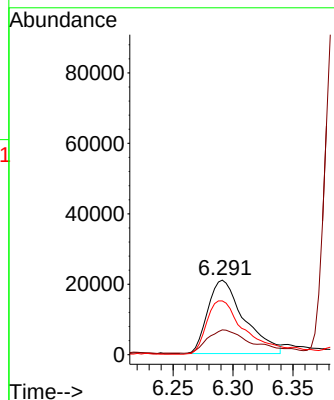
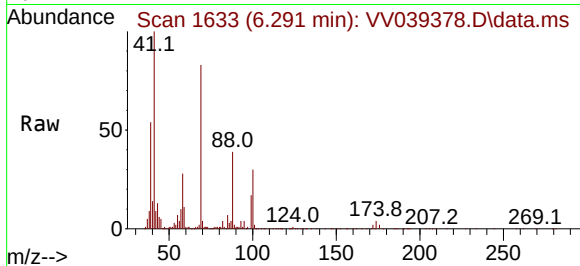




#49
1,4-Dioxane
Concen: 390.995 ug/l
RT: 6.291 min Scan# 1633
Delta R.T. 0.010 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

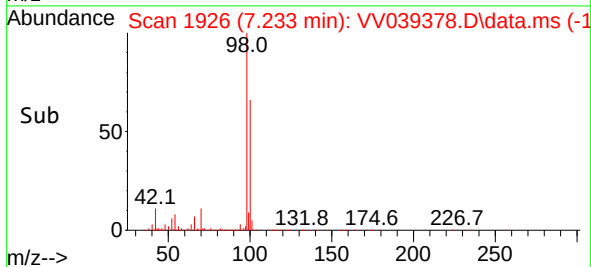
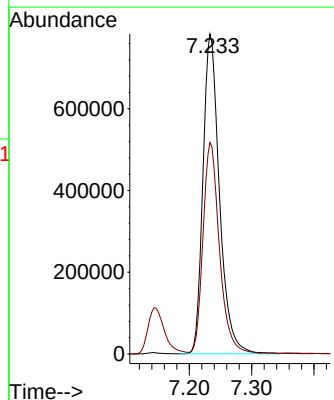
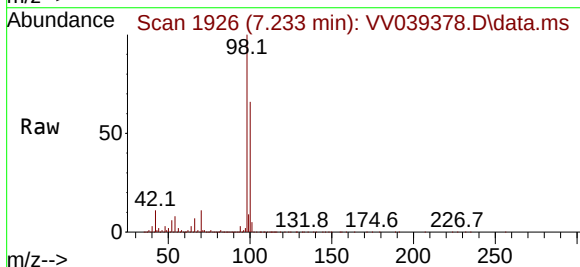
Instrument :
MSVOA_V
ClientSampleId :
VV1113WBS01

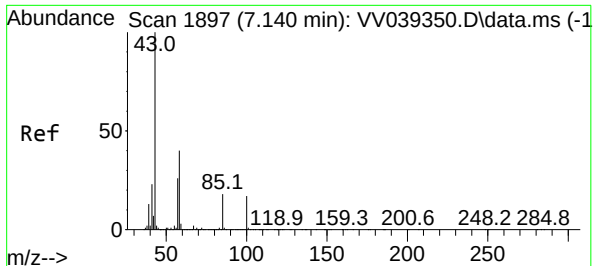
Tgt Ion: 88 Resp: 44210
Ion Ratio Lower Upper
88 100
43 40.0 26.6 40.0#
58 76.1 55.4 83.0



#50
Toluene-d8
Concen: 48.766 ug/l
RT: 7.233 min Scan# 1926
Delta R.T. 0.003 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

Tgt Ion: 98 Resp: 1441021
Ion Ratio Lower Upper
98 100
100 65.2 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 121.805 ug/l

RT: 7.143 min Scan# 1897

Delta R.T. 0.003 min

Lab File: VV039378.D

Acq: 13 Nov 2025 12:46

Instrument :

MSVOA_V

ClientSampleId :

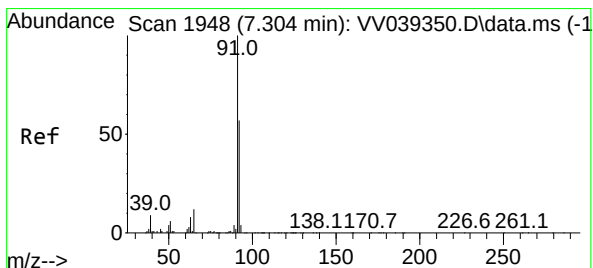
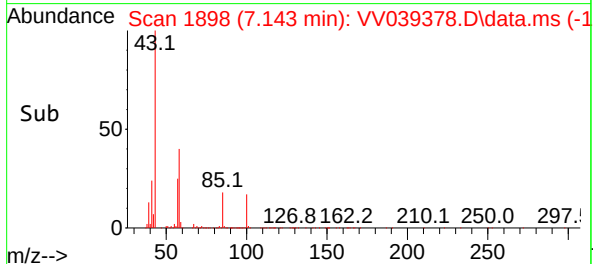
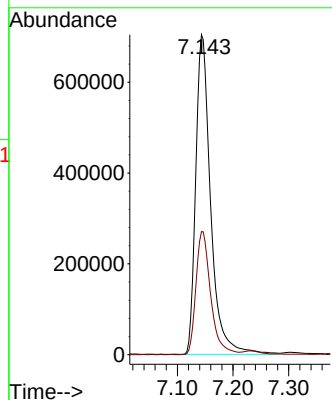
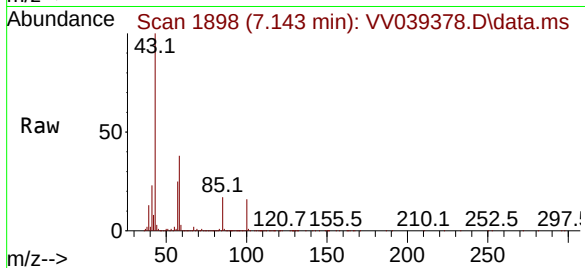
VV1113WBS01

Tgt Ion: 43 Resp: 1312426

Ion Ratio Lower Upper

43 100

58 38.1 31.8 47.6



#52

Toluene

Concen: 20.280 ug/l

RT: 7.307 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV039378.D

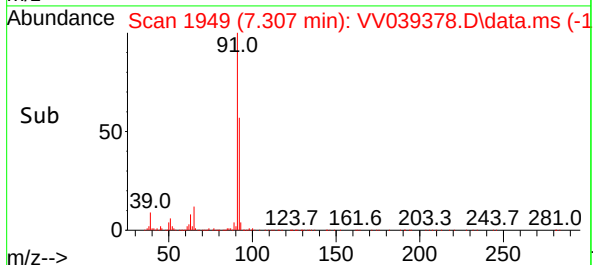
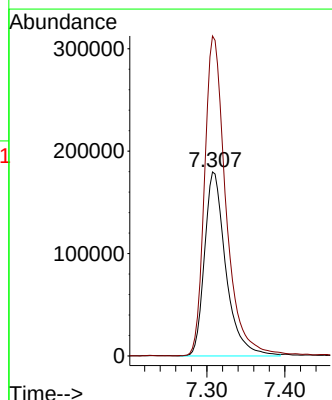
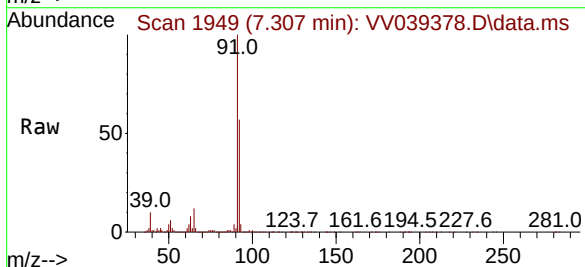
Acq: 13 Nov 2025 12:46

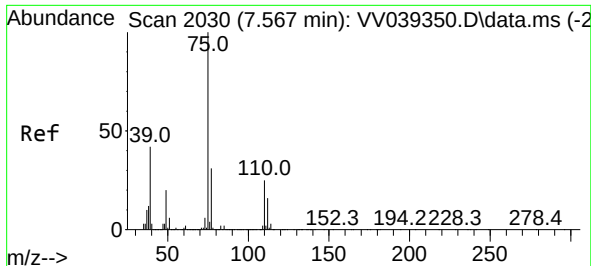
Tgt Ion: 92 Resp: 342286

Ion Ratio Lower Upper

92 100

91 174.0 139.0 208.6

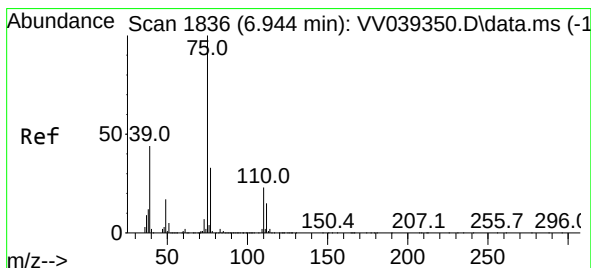
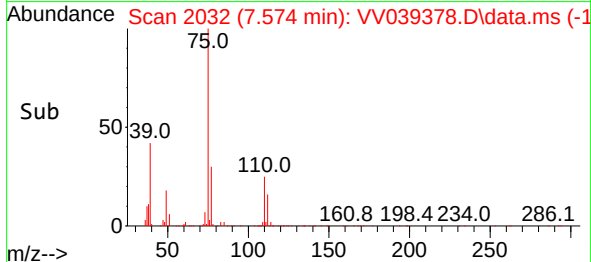
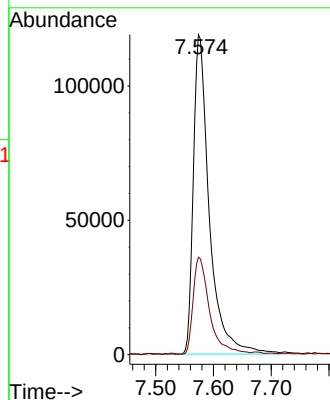
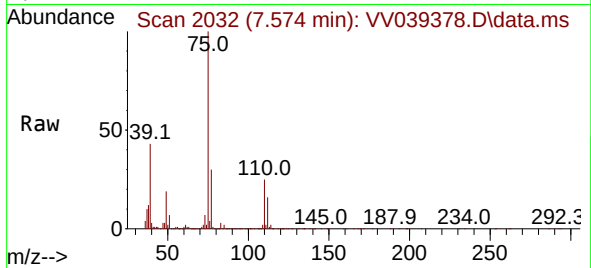




#53
t-1,3-Dichloropropene
Concen: 20.958 ug/l
RT: 7.574 min Scan# 2030
Delta R.T. 0.007 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

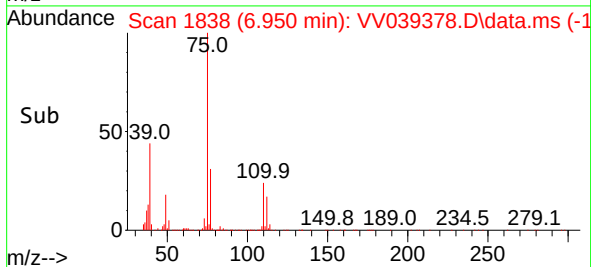
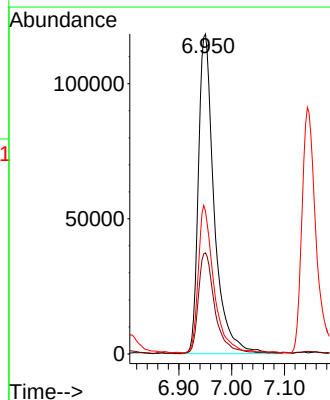
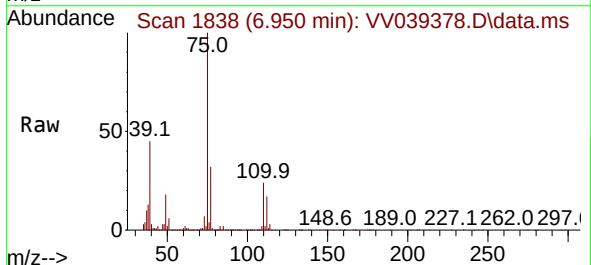
Instrument :
MSVOA_V
ClientSampleId :
VV1113WBS01

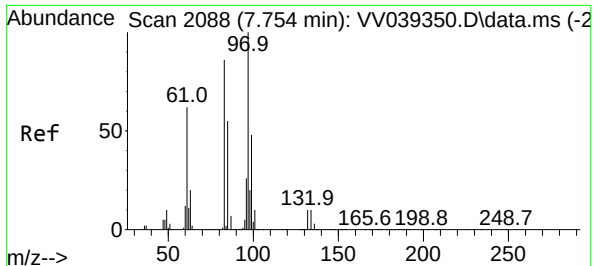
Tgt Ion: 75 Resp: 228851
Ion Ratio Lower Upper
75 100
77 30.3 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 21.222 ug/l
RT: 6.950 min Scan# 1838
Delta R.T. 0.007 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

Tgt Ion: 75 Resp: 246027
Ion Ratio Lower Upper
75 100
77 31.5 26.3 39.5
39 44.2 35.5 53.3

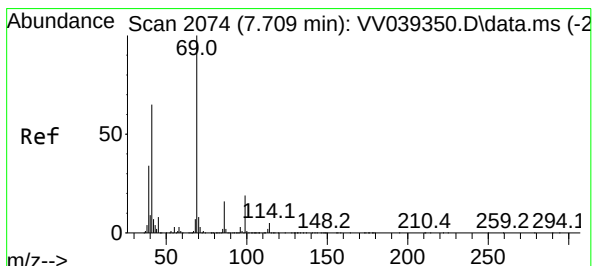
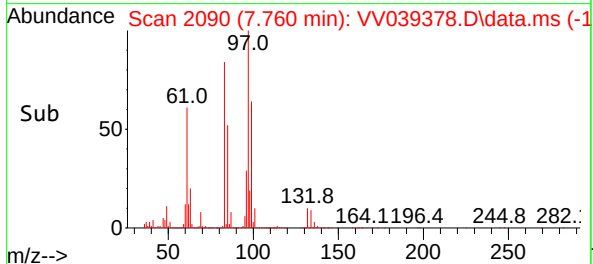
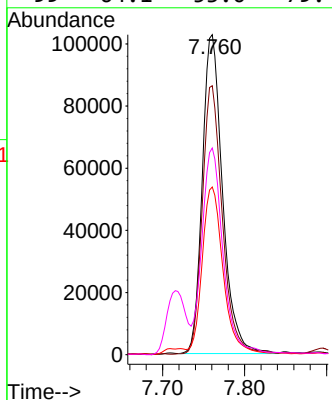
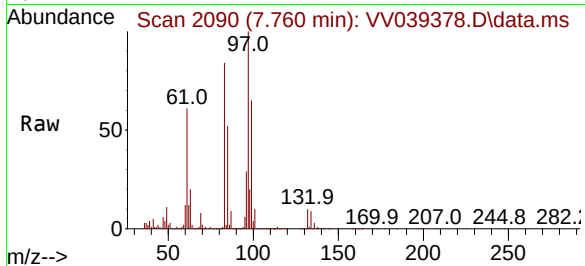




#55
1,1,2-Trichloroethane
Concen: 20.659 ug/l
RT: 7.760 min Scan# 2088
Delta R.T. 0.007 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

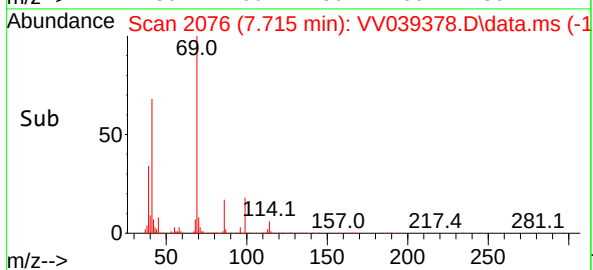
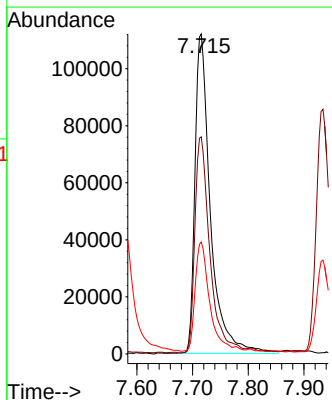
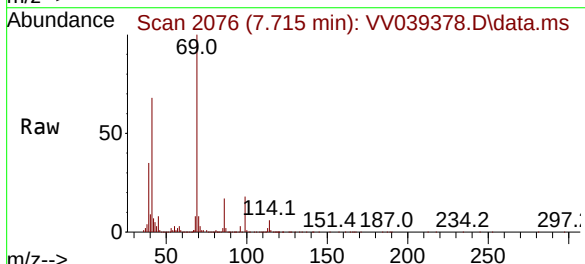
Instrument :
MSVOA_V
ClientSampleId :
VV1113WBS01

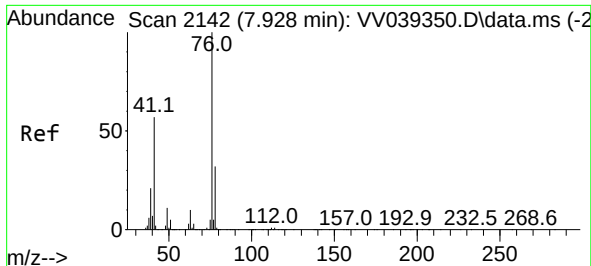
Tgt Ion:	97	Resp:	176543
Ion	Ratio	Lower	Upper
97	100		
83	83.9	68.8	103.2
85	51.9	45.2	67.8
99	64.1	53.0	79.4



#56
Ethyl methacrylate
Concen: 20.991 ug/l
RT: 7.715 min Scan# 2076
Delta R.T. 0.007 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

Tgt Ion:	69	Resp:	216585
Ion	Ratio	Lower	Upper
69	100		
41	65.7	52.5	78.7
39	31.5	26.7	40.1

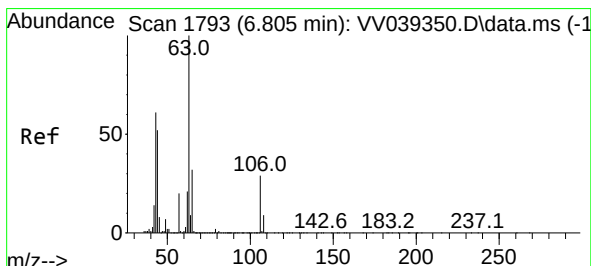
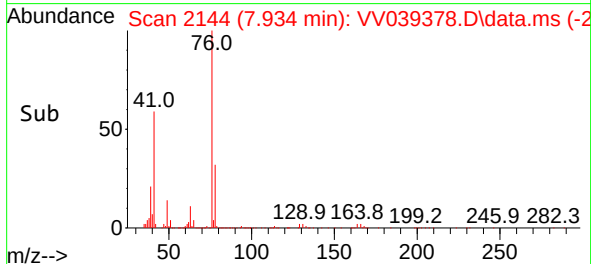
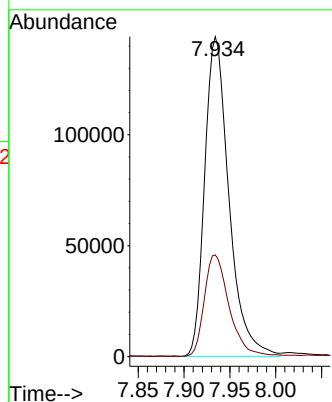
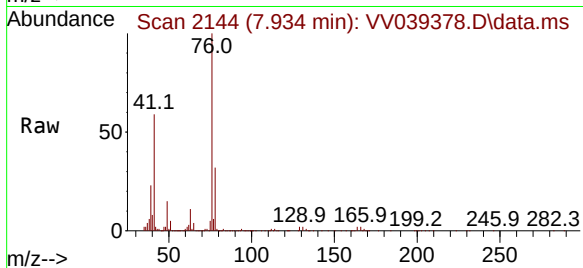




#57
1,3-Dichloropropane
Concen: 20.150 ug/l
RT: 7.934 min Scan# 2144
Delta R.T. 0.007 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

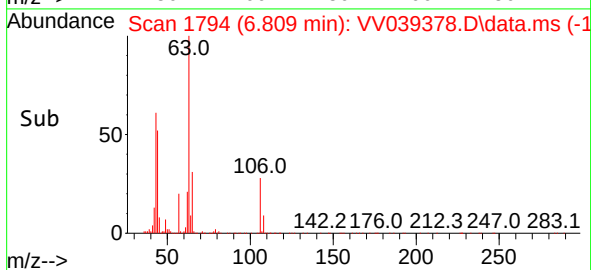
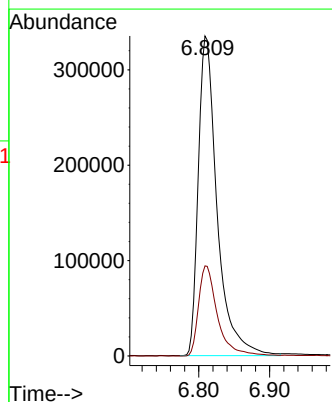
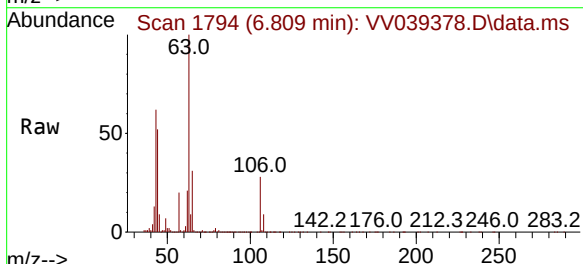
Instrument :
MSVOA_V
ClientSampleId :
VV1113WBS01

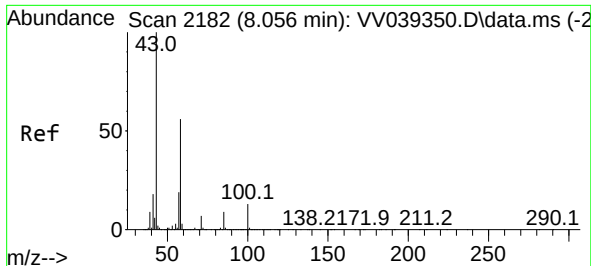
Tgt Ion: 76 Resp: 264816
Ion Ratio Lower Upper
76 100
78 32.6 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 210.861 ug/l
RT: 6.809 min Scan# 1794
Delta R.T. 0.003 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

Tgt Ion: 63 Resp: 618690
Ion Ratio Lower Upper
63 100
106 28.4 23.3 34.9

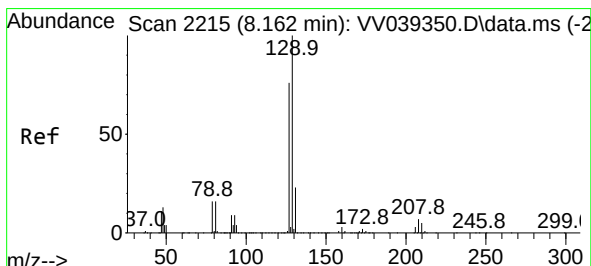
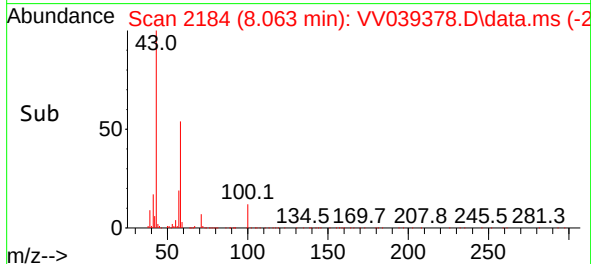
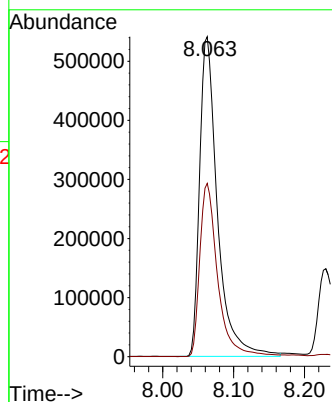
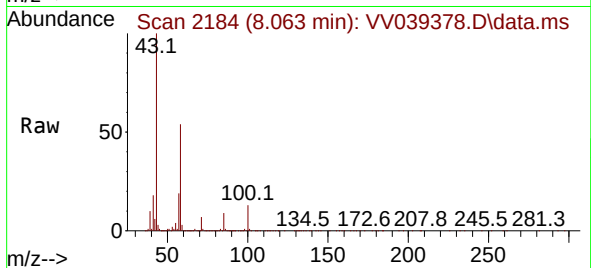




#59
2-Hexanone
Concen: 122.790 ug/l
RT: 8.063 min Scan# 2184
Delta R.T. 0.007 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

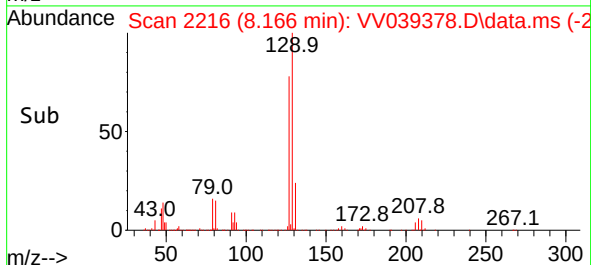
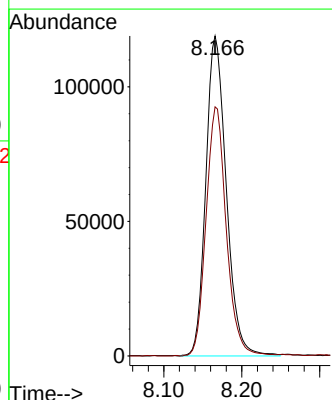
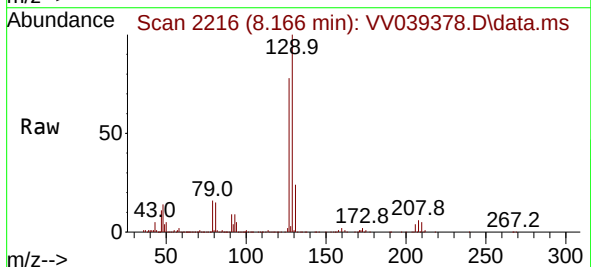
Instrument :
MSVOA_V
ClientSampleId :
VV1113WBS01

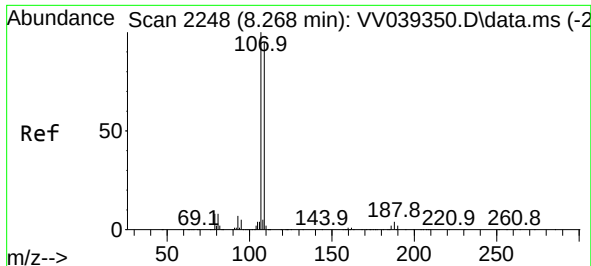
Tgt Ion: 43 Resp: 945567
Ion Ratio Lower Upper
43 100
58 54.5 27.7 83.1



#60
Dibromochloromethane
Concen: 19.806 ug/l
RT: 8.166 min Scan# 2216
Delta R.T. 0.003 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

Tgt Ion: 129 Resp: 216874
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.7





#61

1,2-Dibromoethane

Concen: 20.666 ug/l

RT: 8.275 min Scan# 21

Delta R.T. 0.007 min

Lab File: VV039378.D

Acq: 13 Nov 2025 12:46

Instrument :

MSVOA_V

ClientSampleId :

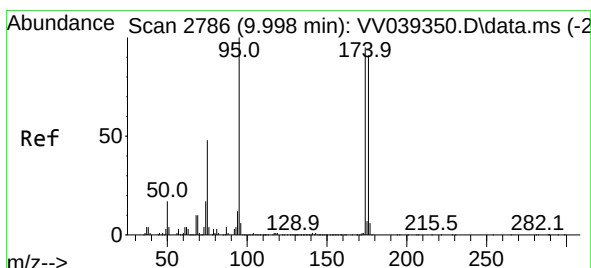
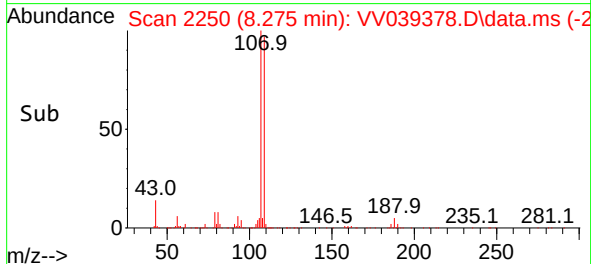
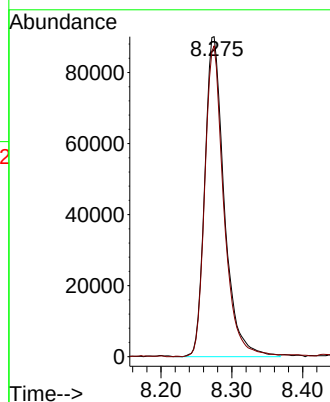
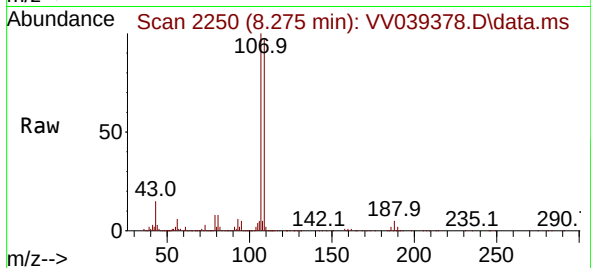
VV1113WBS01

Tgt Ion:107 Resp: 172133

Ion Ratio Lower Upper

107 100

109 94.9 75.8 113.8



#62

4-Bromofluorobenzene

Concen: 50.590 ug/l

RT: 9.998 min Scan# 2786

Delta R.T. 0.000 min

Lab File: VV039378.D

Acq: 13 Nov 2025 12:46

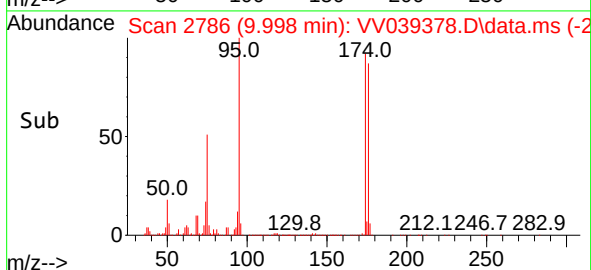
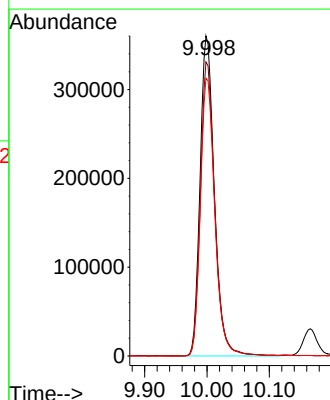
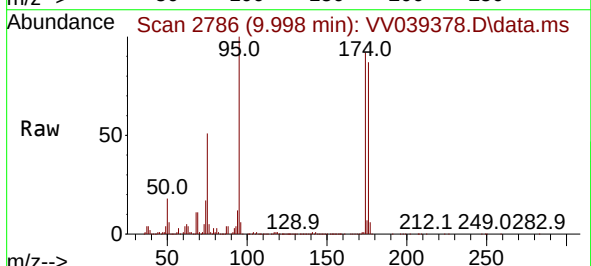
Tgt Ion: 95 Resp: 574423

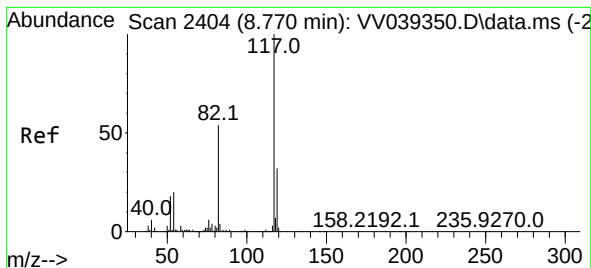
Ion Ratio Lower Upper

95 100

174 92.6 0.0 187.6

176 87.5 0.0 180.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.773 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VV039378.D

Acq: 13 Nov 2025 12:46

Instrument :

MSVOA_V

ClientSampleId :

VV1113WBS01

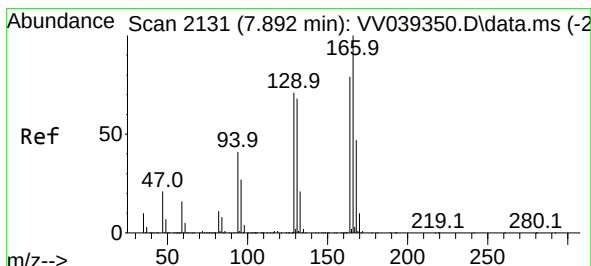
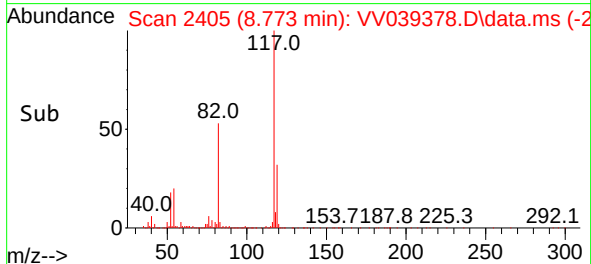
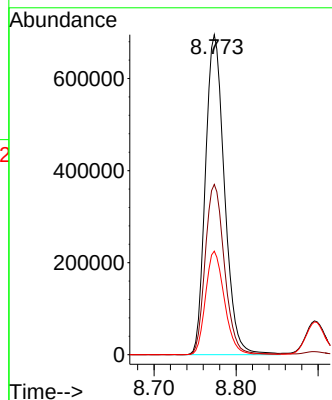
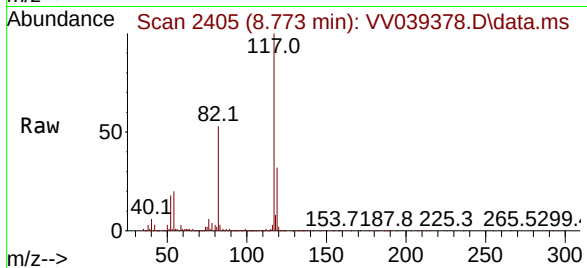
Tgt Ion:117 Resp: 1121657

Ion Ratio Lower Upper

117 100

82 53.2 42.9 64.3

119 32.3 25.5 38.3



#64

Tetrachloroethene

Concen: 19.020 ug/l

RT: 7.896 min Scan# 2132

Delta R.T. 0.003 min

Lab File: VV039378.D

Acq: 13 Nov 2025 12:46

Tgt Ion:164 Resp: 131851

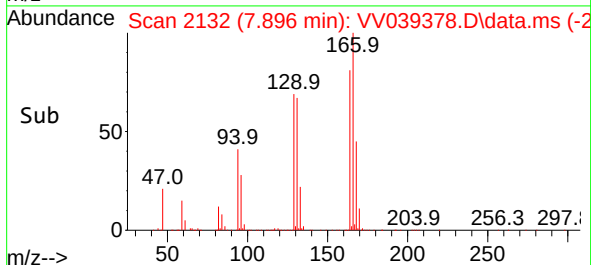
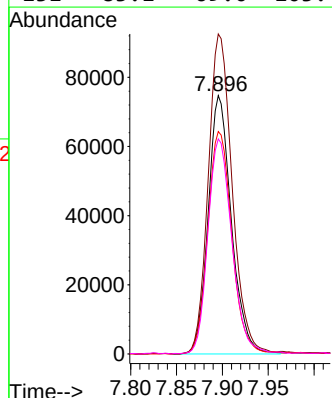
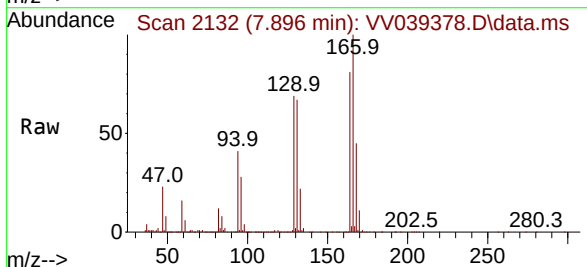
Ion Ratio Lower Upper

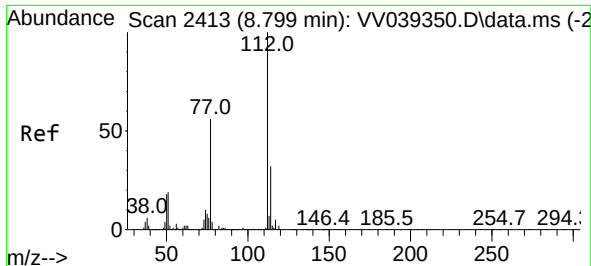
164 100

166 123.9 101.9 152.9

129 85.9 71.8 107.8

131 83.1 69.0 103.4

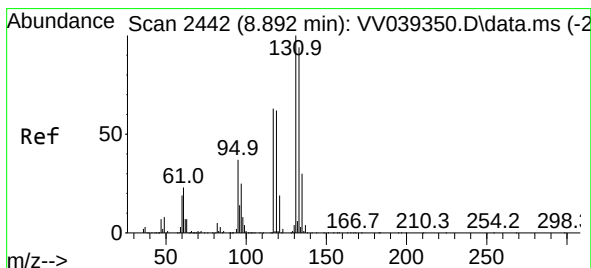
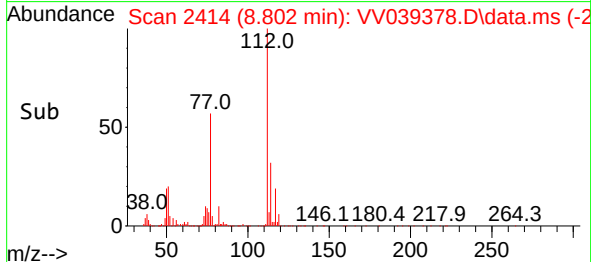
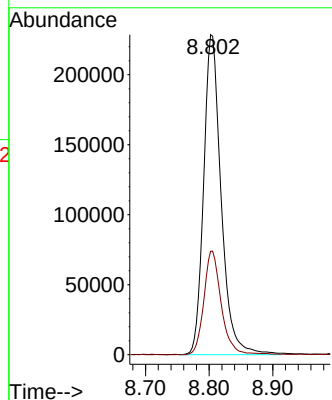
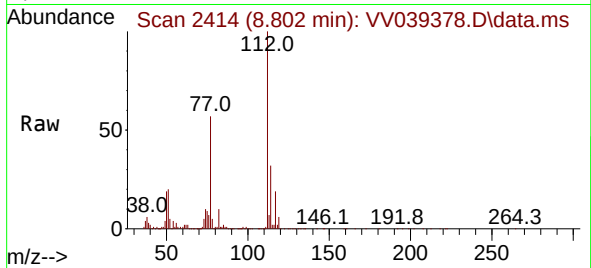




#65
Chlorobenzene
Concen: 19.554 ug/l
RT: 8.802 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

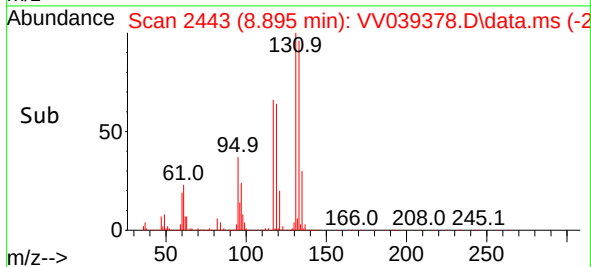
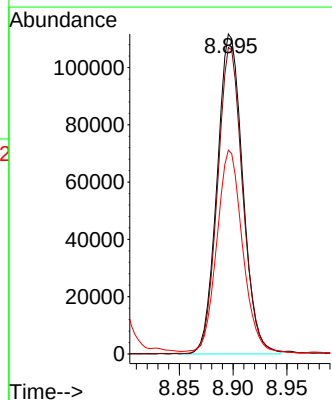
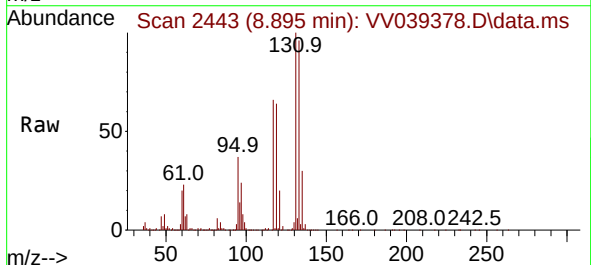
Instrument :
MSVOA_V
ClientSampleId :
VV1113WBS01

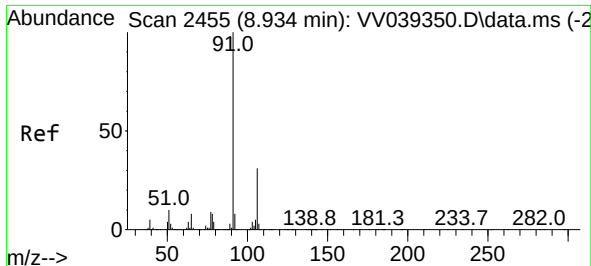
Tgt Ion:112 Resp: 436626
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.871 ug/l
RT: 8.895 min Scan# 2443
Delta R.T. 0.003 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

Tgt Ion:131 Resp: 185131
Ion Ratio Lower Upper
131 100
133 94.6 47.9 143.8
119 64.2 31.6 94.8





#67

Ethyl Benzene

Concen: 19.510 ug/l

RT: 8.937 min Scan# 2455

Delta R.T. 0.003 min

Lab File: VV039378.D

Acq: 13 Nov 2025 12:46

Instrument :

MSVOA_V

ClientSampleId :

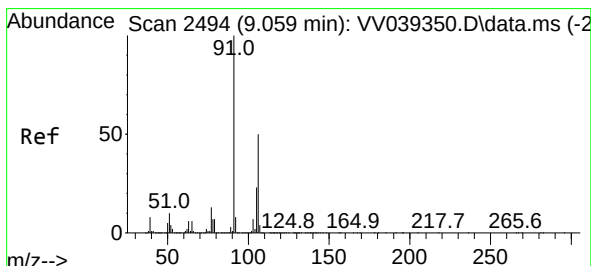
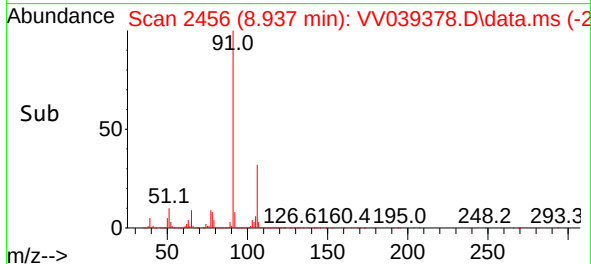
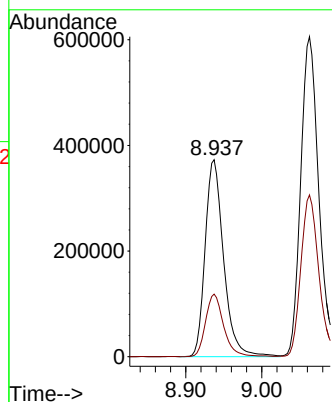
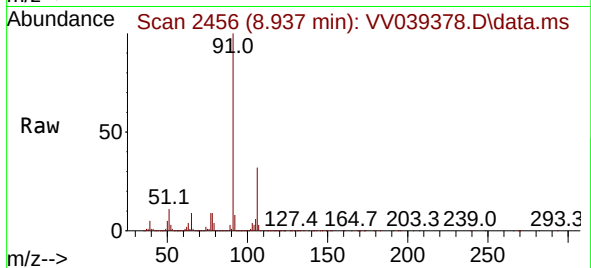
VV1113WBS01

Tgt Ion: 91 Resp: 630103

Ion Ratio Lower Upper

91 100

106 31.7 24.9 37.3



#68

m/p-Xylenes

Concen: 41.727 ug/l

RT: 9.063 min Scan# 2495

Delta R.T. 0.003 min

Lab File: VV039378.D

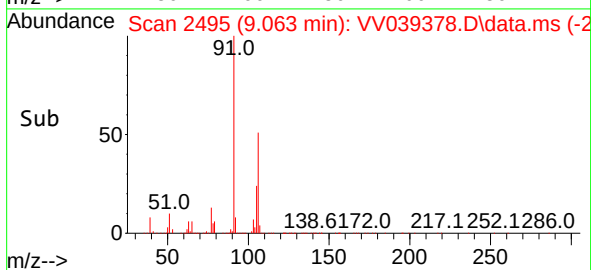
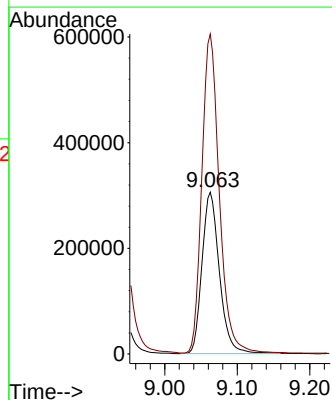
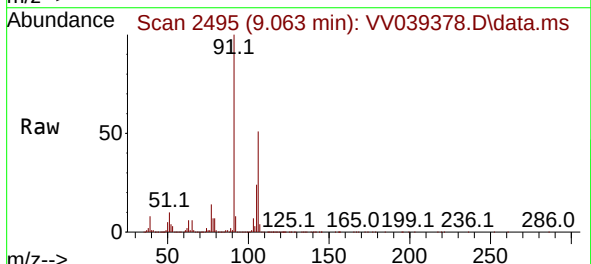
Acq: 13 Nov 2025 12:46

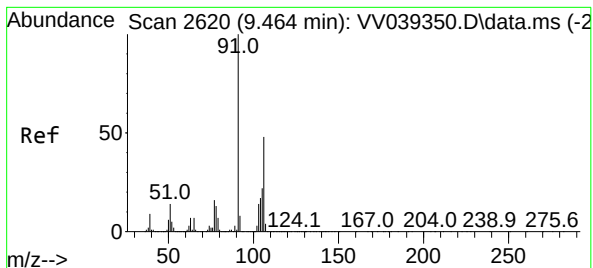
Tgt Ion: 106 Resp: 508939

Ion Ratio Lower Upper

106 100

91 199.4 161.5 242.3





#69

o-Xylene

Concen: 20.341 ug/l

RT: 9.468 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV039378.D

Acq: 13 Nov 2025 12:46

Instrument :

MSVOA_V

ClientSampleId :

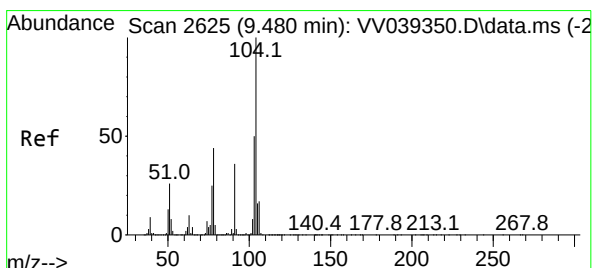
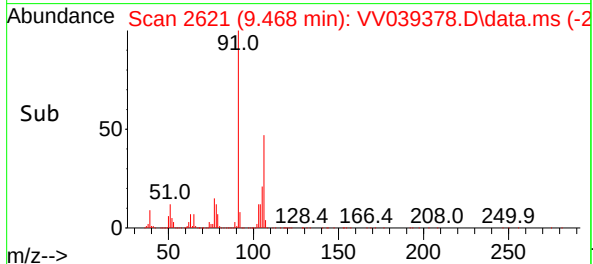
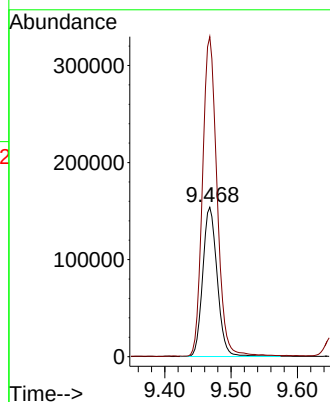
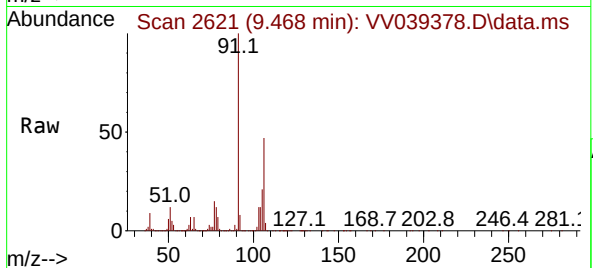
VV1113WBS01

Tgt Ion:106 Resp: 234726

Ion Ratio Lower Upper

106 100

91 213.2 105.9 317.7



#70

Styrene

Concen: 21.004 ug/l

RT: 9.487 min Scan# 2627

Delta R.T. 0.007 min

Lab File: VV039378.D

Acq: 13 Nov 2025 12:46

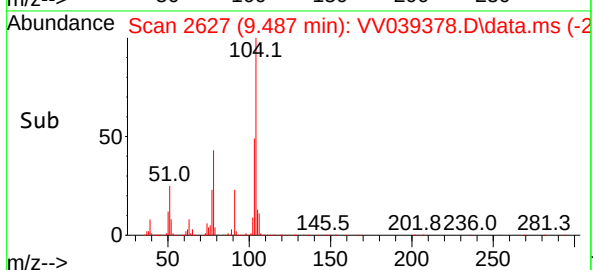
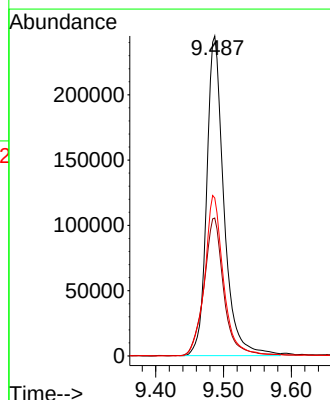
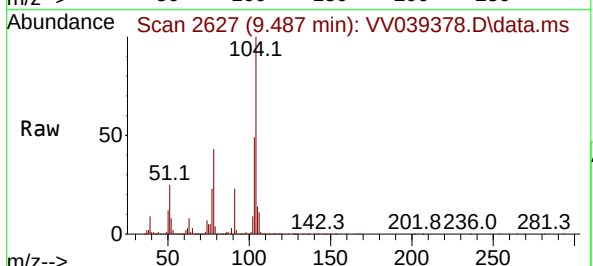
Tgt Ion:104 Resp: 433287

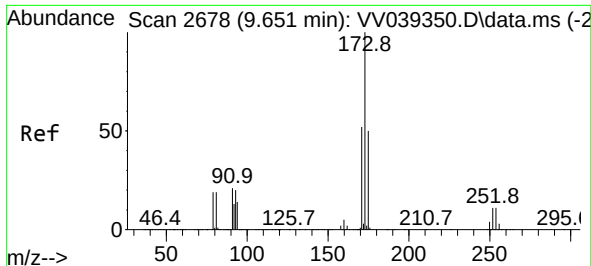
Ion Ratio Lower Upper

104 100

78 49.6 39.0 58.4

103 54.6 43.4 65.2

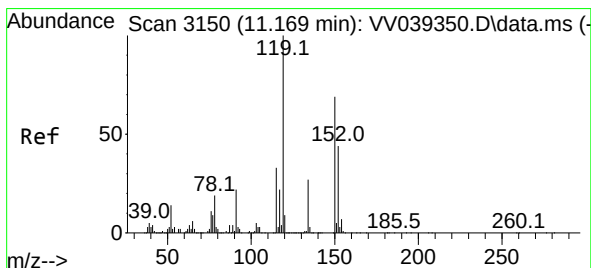
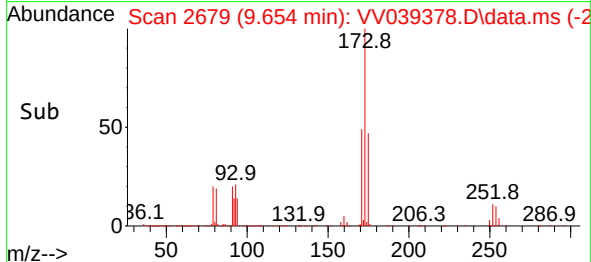
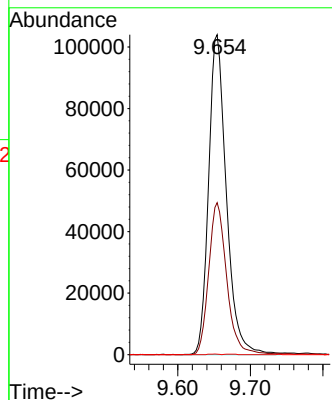
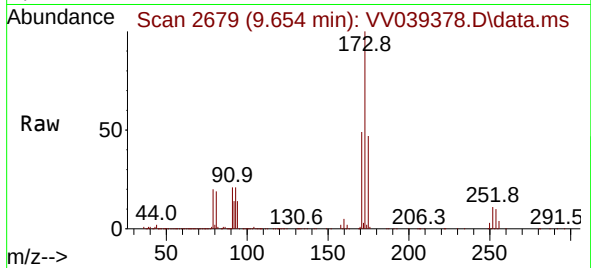




#71
Bromoform
Concen: 20.483 ug/l
RT: 9.654 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

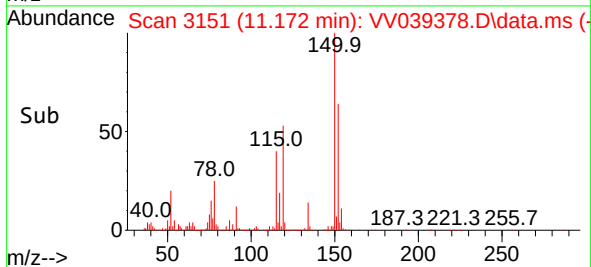
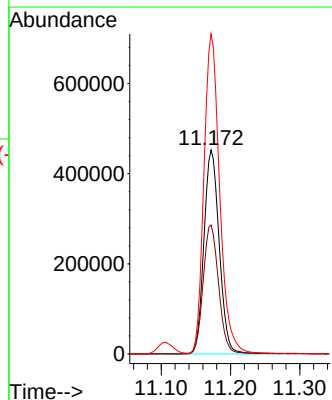
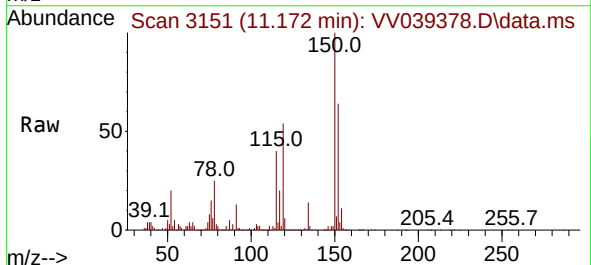
Instrument :
MSVOA_V
ClientSampleId :
VV1113WBS01

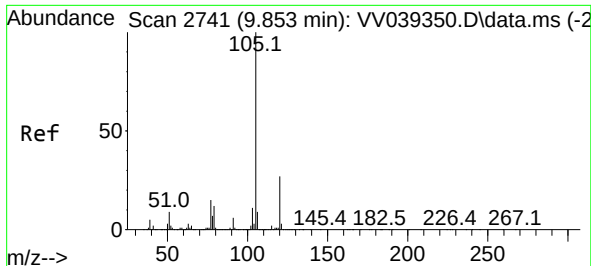
Tgt Ion:173 Resp: 177153
Ion Ratio Lower Upper
173 100
175 48.1 24.5 73.5
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

Tgt Ion:152 Resp: 691832
Ion Ratio Lower Upper
152 100
115 63.8 37.3 111.9
150 161.3 0.0 340.4

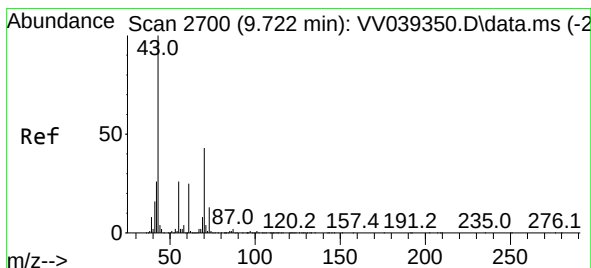
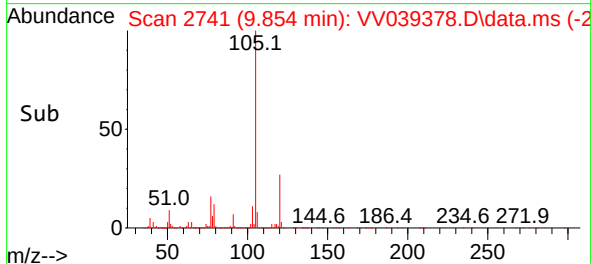
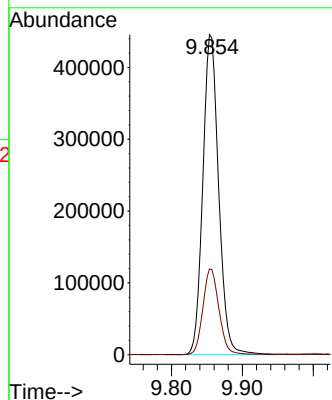
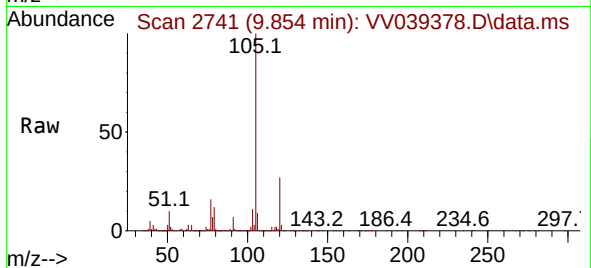




#73
Isopropylbenzene
Concen: 20.428 ug/l
RT: 9.854 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

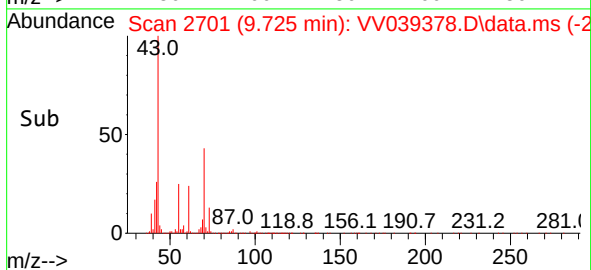
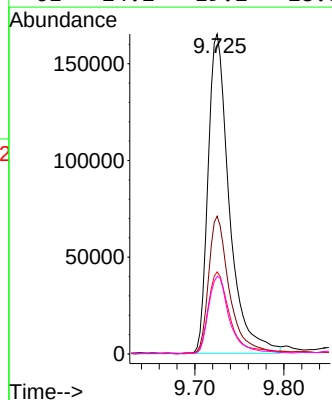
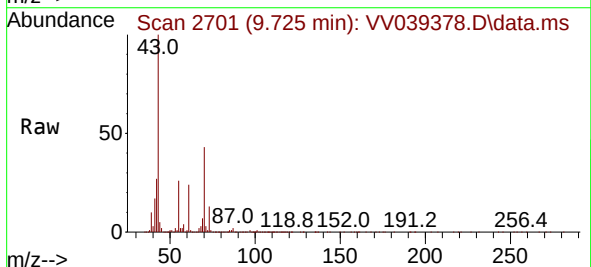
Instrument :
MSVOA_V
ClientSampleId :
VV1113WBS01

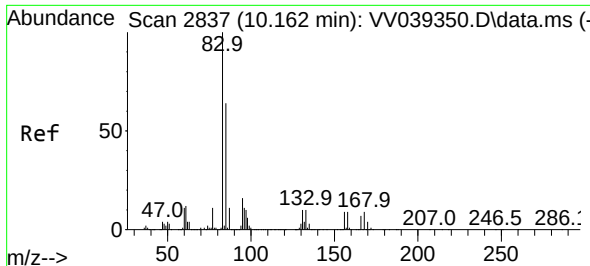
Tgt Ion:105 Resp: 690087
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.1



#74
N-ethyl acetate
Concen: 20.670 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.003 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

Tgt Ion: 43 Resp: 273620
Ion Ratio Lower Upper
43 100
70 42.5 34.6 51.8
55 26.9 21.0 31.6
61 24.2 19.2 28.8

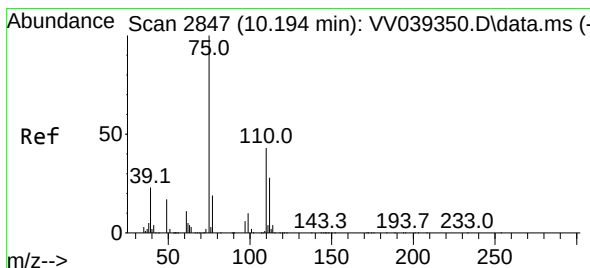
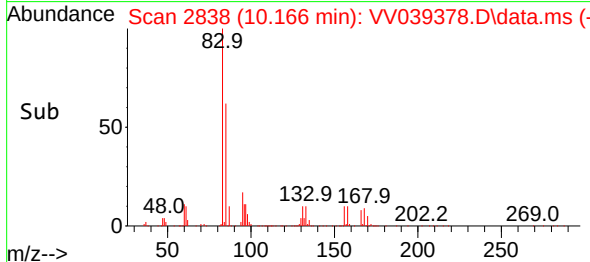
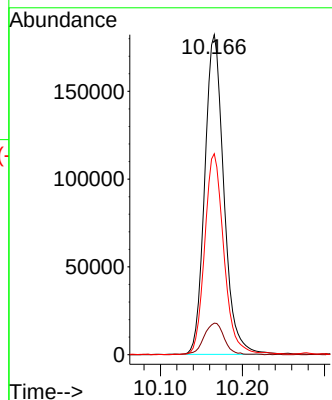
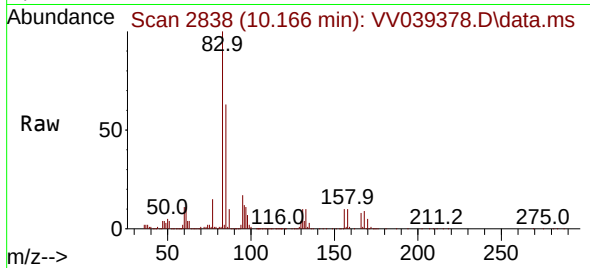




#75
1,1,2,2-Tetrachloroethane
Concen: 20.079 ug/l
RT: 10.166 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

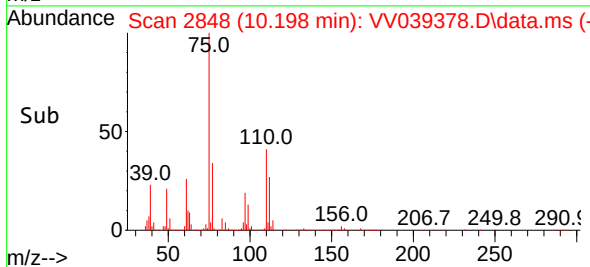
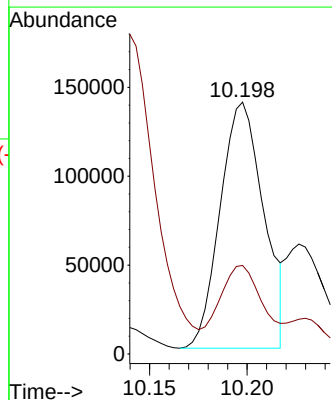
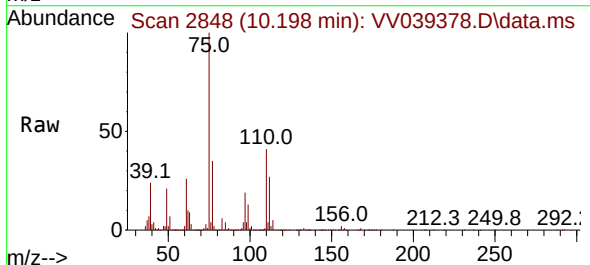
Instrument :
MSVOA_V
ClientSampleId :
VV1113WBS01

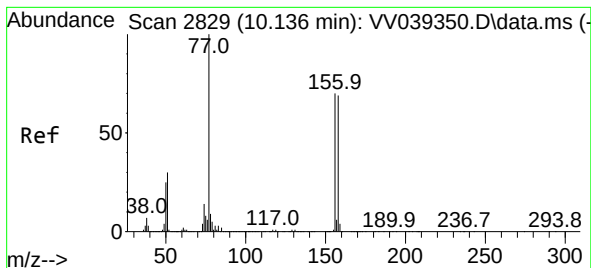
Tgt Ion: 83 Resp: 295437
Ion Ratio Lower Upper
83 100
131 10.5 5.4 16.2
85 63.3 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 20.044 ug/l
RT: 10.198 min Scan# 2848
Delta R.T. 0.003 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

Tgt Ion: 75 Resp: 215239
Ion Ratio Lower Upper
75 100
77 22.8 11.8 35.3





#77

Bromobenzene

Concen: 19.716 ug/l

RT: 10.140 min Scan# 2830

Delta R.T. 0.003 min

Lab File: VV039378.D

Acq: 13 Nov 2025 12:46

Instrument :

MSVOA_V

ClientSampleId :

VV1113WBS01

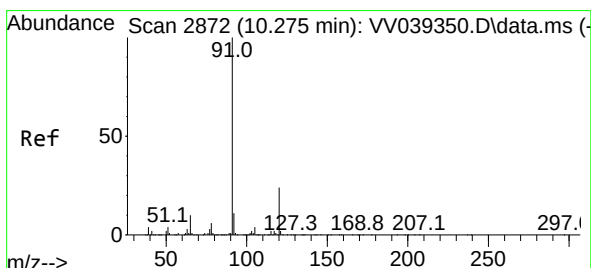
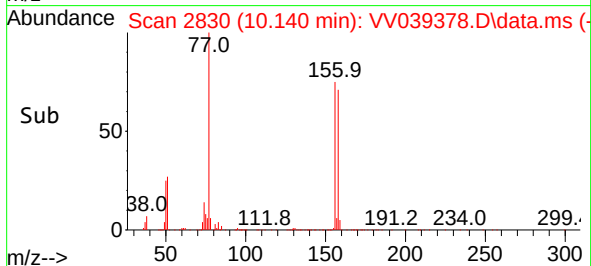
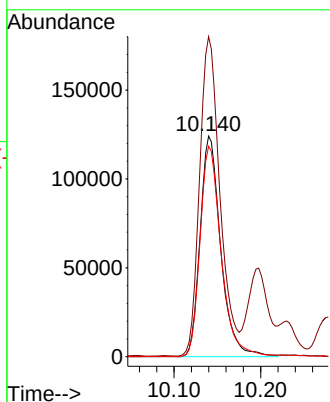
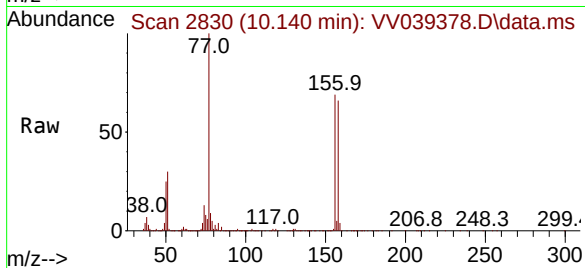
Tgt Ion:156 Resp: 205580

Ion Ratio Lower Upper

156 100

77 142.3 70.3 210.9

158 97.1 49.4 148.0



#78

n-propylbenzene

Concen: 20.674 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. 0.003 min

Lab File: VV039378.D

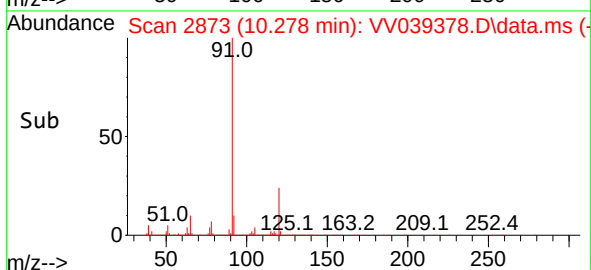
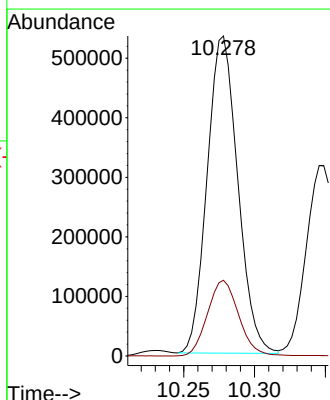
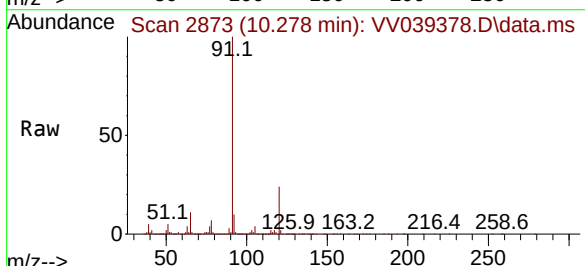
Acq: 13 Nov 2025 12:46

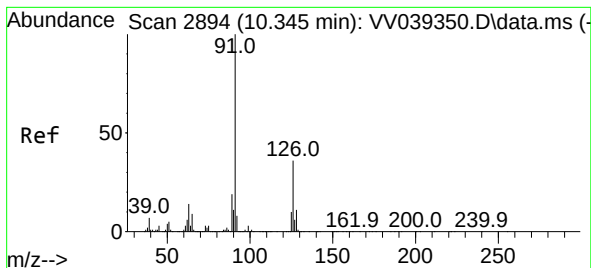
Tgt Ion: 91 Resp: 800096

Ion Ratio Lower Upper

91 100

120 24.4 12.0 36.0

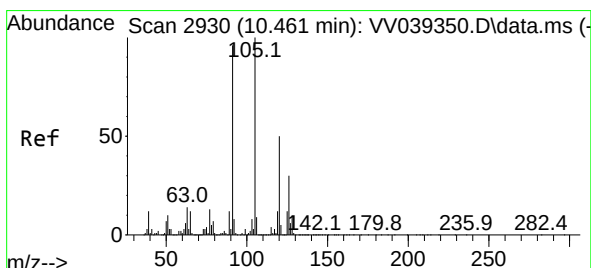
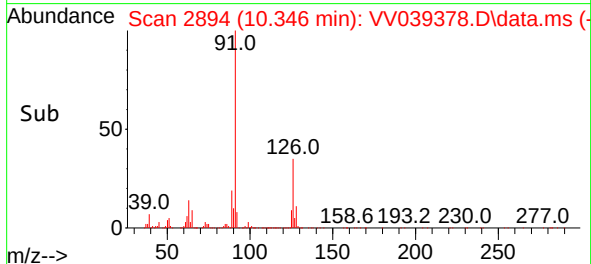
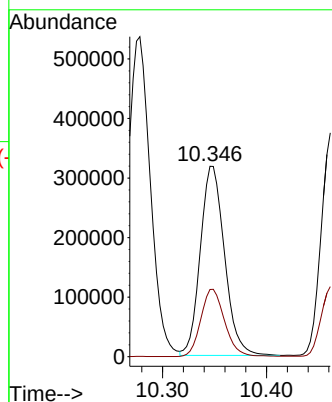
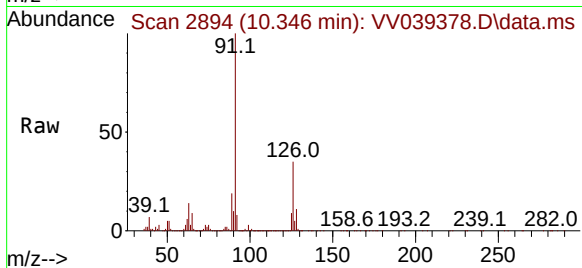




#79
2-Chlorotoluene
Concen: 20.717 ug/l
RT: 10.346 min Scan# 2894
Delta R.T. 0.000 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

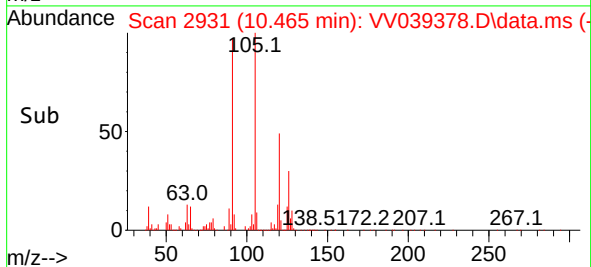
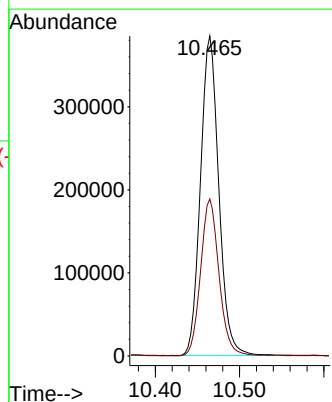
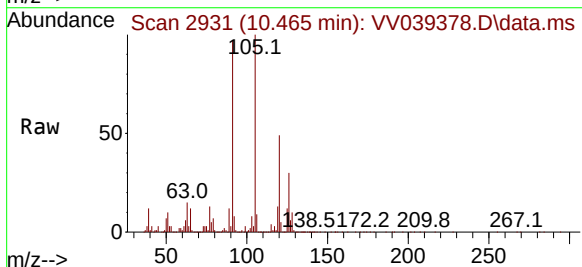
Instrument :
MSVOA_V
ClientSampleId :
VV1113WBS01

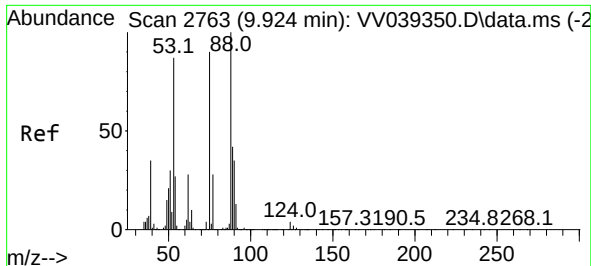
Tgt Ion: 91 Resp: 513212
Ion Ratio Lower Upper
91 100
126 35.2 17.6 52.8



#80
1,3,5-Trimethylbenzene
Concen: 21.118 ug/l
RT: 10.465 min Scan# 2931
Delta R.T. 0.003 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

Tgt Ion: 105 Resp: 583281
Ion Ratio Lower Upper
105 100
120 49.3 25.1 75.4

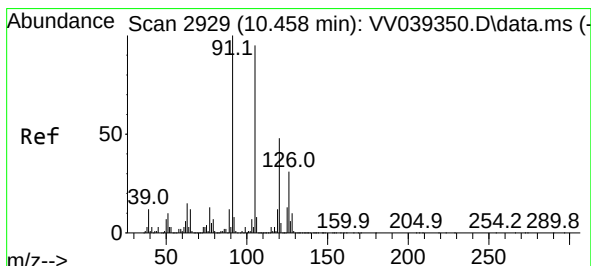
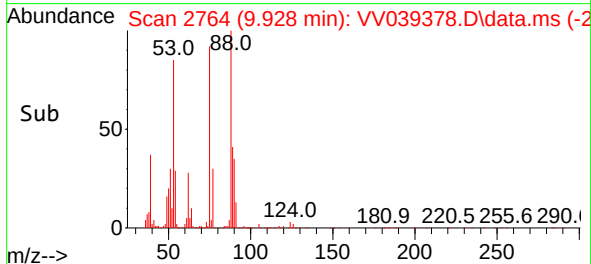
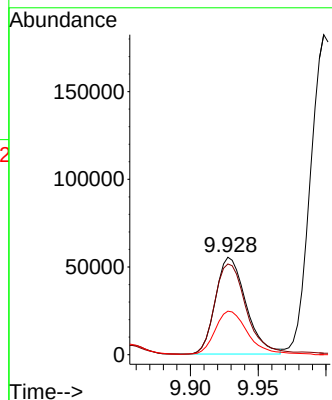
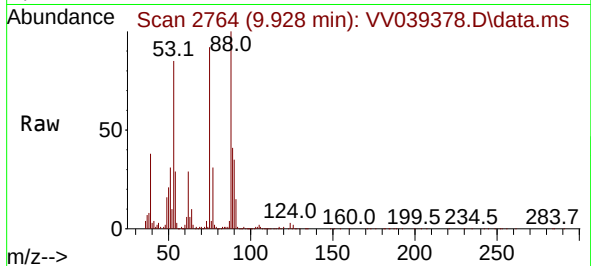




#81
trans-1,4-Dichloro-2-butene
Concen: 21.526 ug/l
RT: 9.928 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

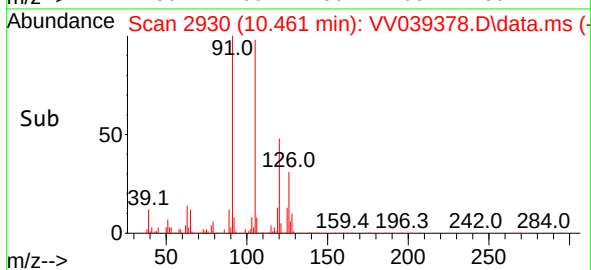
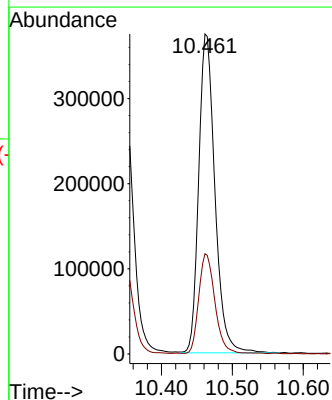
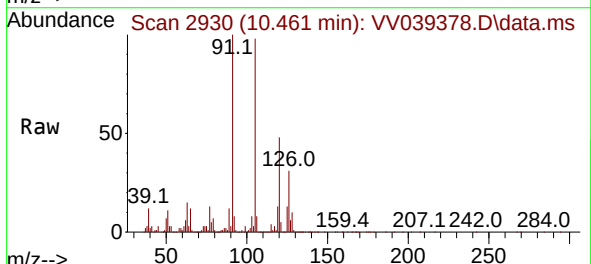
Instrument :
MSVOA_V
ClientSampleId :
VV1113WBS01

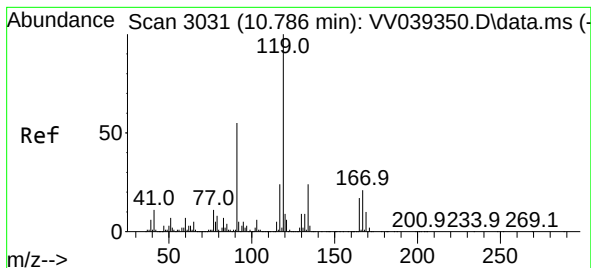
Tgt Ion: 75 Resp: 86229
Ion Ratio Lower Upper
75 100
53 98.6 79.0 118.6
89 48.9 40.4 60.6



#82
4-Chlorotoluene
Concen: 21.408 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. 0.003 min
Lab File: VV039378.D
Acq: 13 Nov 2025 12:46

Tgt Ion: 91 Resp: 592895
Ion Ratio Lower Upper
91 100
126 31.2 15.3 45.9





#83

tert-Butylbenzene

Concen: 20.194 ug/l

RT: 10.789 min Scan# 3031

Delta R.T. 0.003 min

Lab File: VV039378.D

Acq: 13 Nov 2025 12:46

Instrument :

MSVOA_V

ClientSampleId :

VV1113WBS01

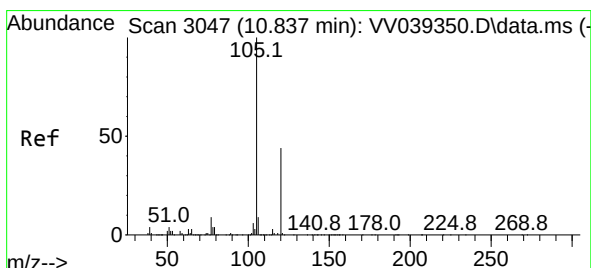
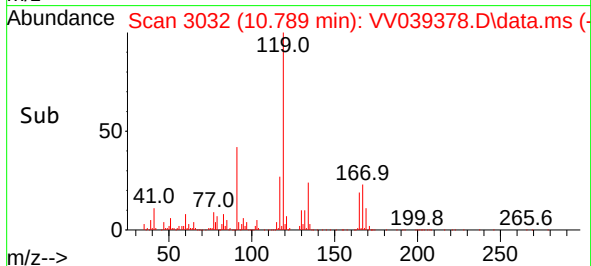
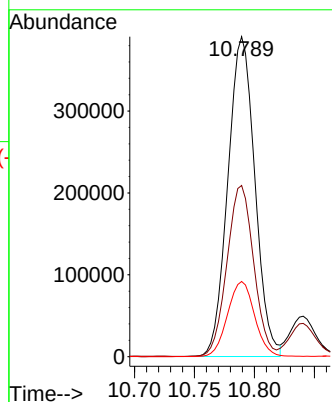
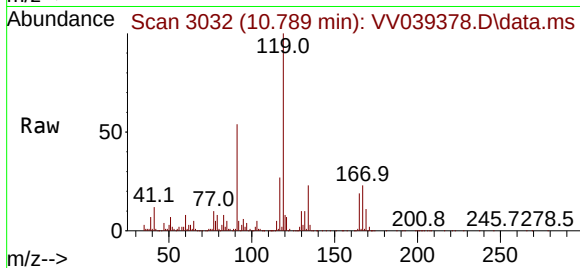
Tgt Ion:119 Resp: 613090

Ion Ratio Lower Upper

119 100

91 52.9 26.5 79.5

134 23.7 11.9 35.5



#84

1,2,4-Trimethylbenzene

Concen: 21.562 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV039378.D

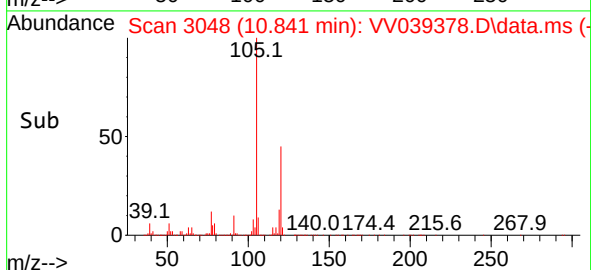
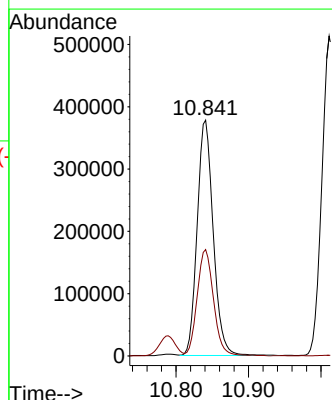
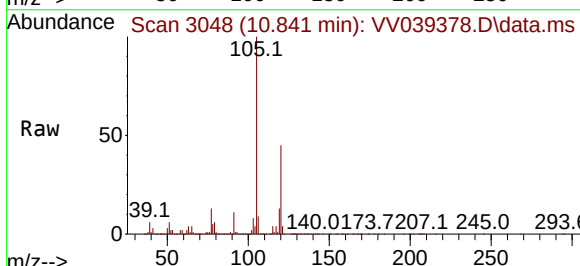
Acq: 13 Nov 2025 12:46

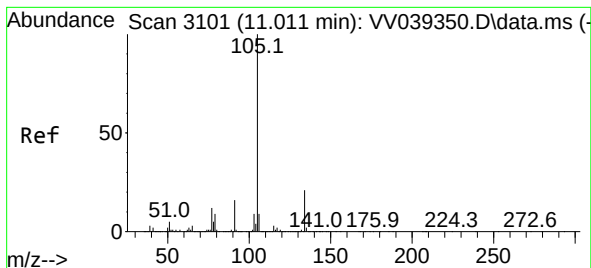
Tgt Ion:105 Resp: 580109

Ion Ratio Lower Upper

105 100

120 45.5 23.0 69.0





#85

sec-Butylbenzene

Concen: 21.276 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. 0.000 min

Lab File: VV039378.D

Acq: 13 Nov 2025 12:46

Instrument :

MSVOA_V

ClientSampleId :

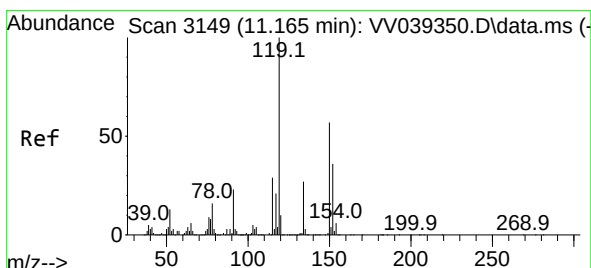
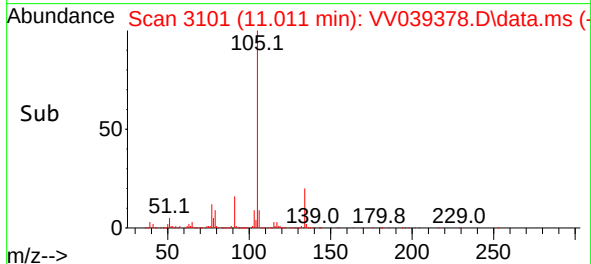
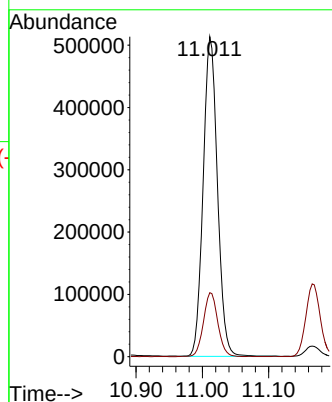
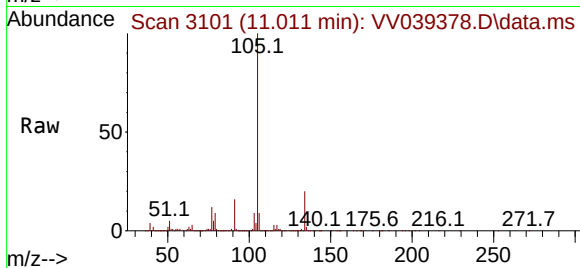
VV1113WBS01

Tgt Ion:105 Resp: 765942

Ion Ratio Lower Upper

105 100

134 20.2 10.5 31.6



#86

p-Isopropyltoluene

Concen: 21.249 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VV039378.D

Acq: 13 Nov 2025 12:46

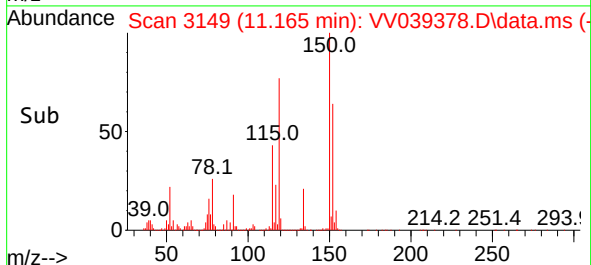
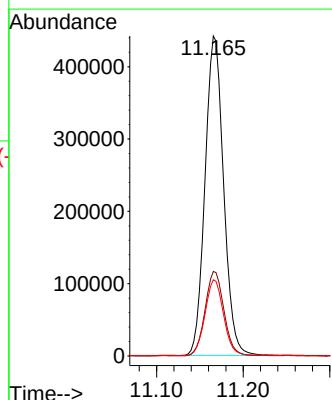
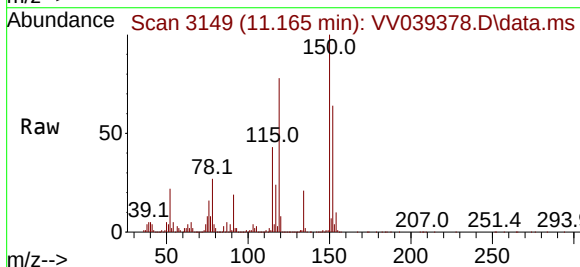
Tgt Ion:119 Resp: 660072

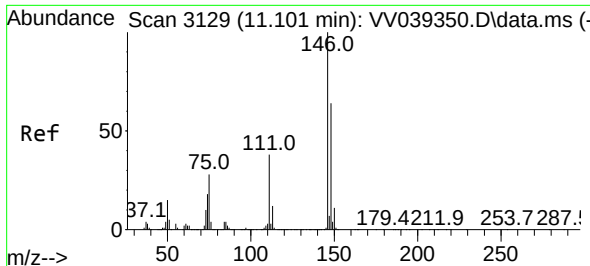
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

91 23.7 11.5 34.4

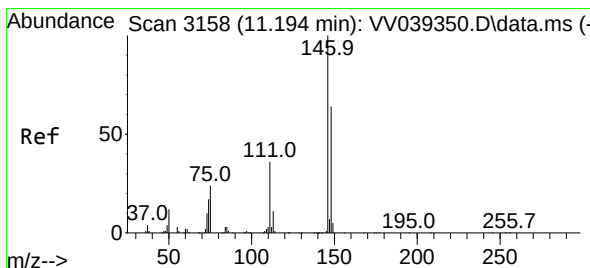
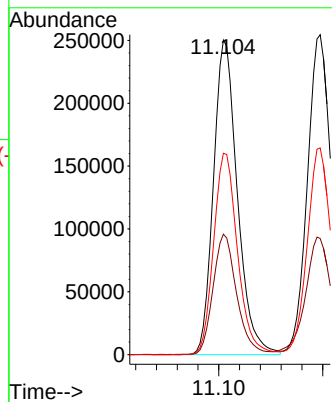
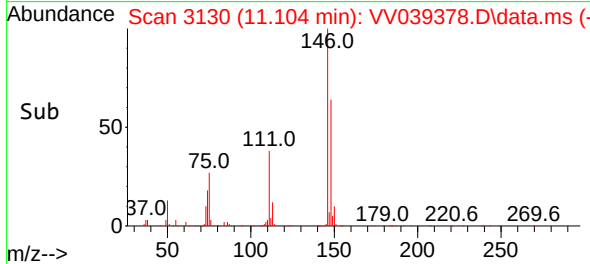
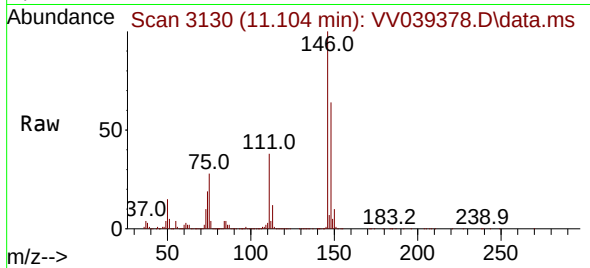




#87
 1,3-Dichlorobenzene
 Concen: 19.985 ug/l
 RT: 11.104 min Scan# 3129
 Delta R.T. 0.003 min
 Lab File: VV039378.D
 Acq: 13 Nov 2025 12:46

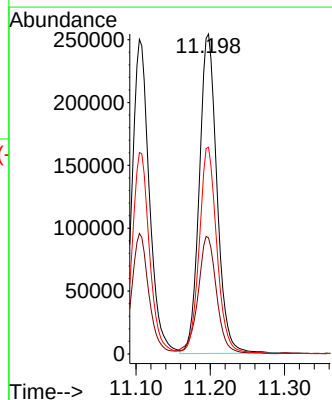
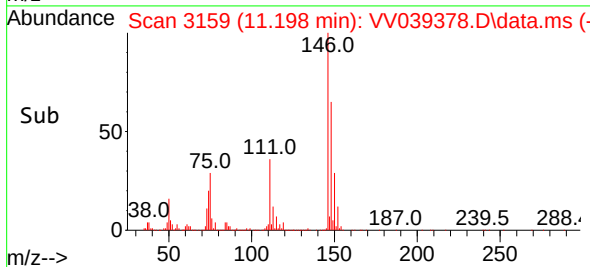
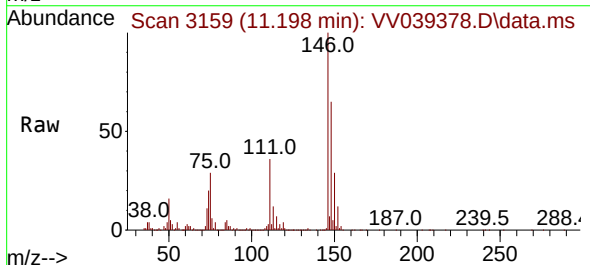
Instrument :
 MSVOA_V
 ClientSampleId :
 VV1113WBS01

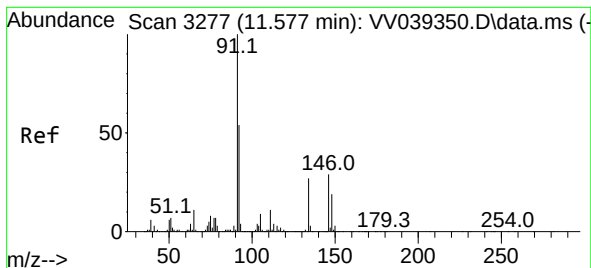
Tgt Ion:146 Resp: 399685
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.8 56.4
 148 64.2 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 19.251 ug/l
 RT: 11.198 min Scan# 3159
 Delta R.T. 0.003 min
 Lab File: VV039378.D
 Acq: 13 Nov 2025 12:46

Tgt Ion:146 Resp: 419781
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.6 55.8
 148 64.1 32.0 96.2





#89

n-Butylbenzene

Concen: 21.020 ug/l

RT: 11.580 min Scan# 3277

Delta R.T. 0.003 min

Lab File: VV039378.D

Acq: 13 Nov 2025 12:46

Instrument :

MSVOA_V

ClientSampleId :

VV1113WBS01

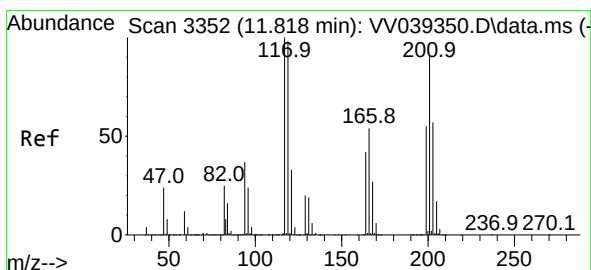
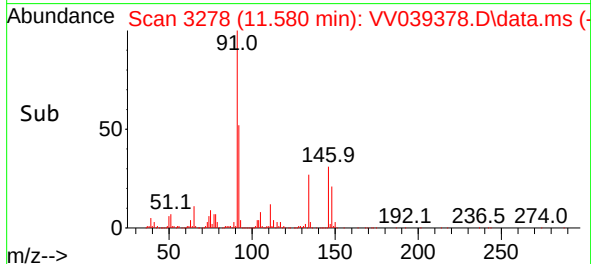
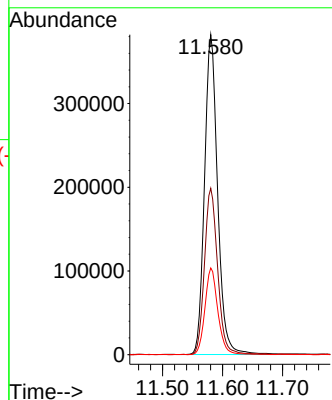
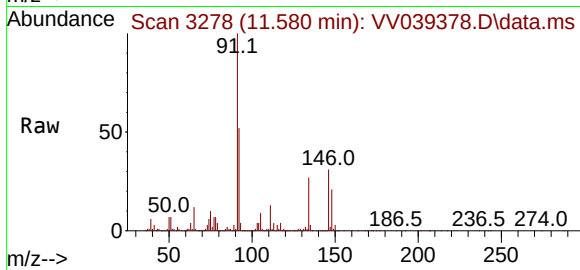
Tgt Ion: 91 Resp: 582270

Ion Ratio Lower Upper

91 100

92 52.3 26.9 80.7

134 26.6 13.5 40.5



#90

Hexachloroethane

Concen: 19.020 ug/l

RT: 11.818 min Scan# 3352

Delta R.T. 0.000 min

Lab File: VV039378.D

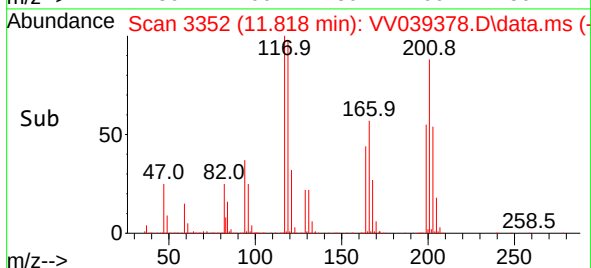
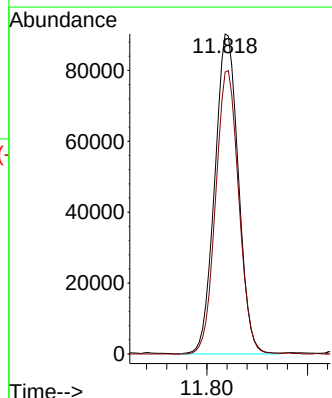
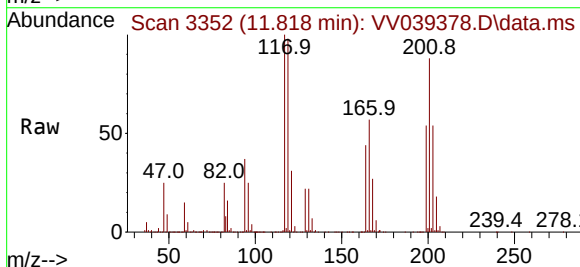
Acq: 13 Nov 2025 12:46

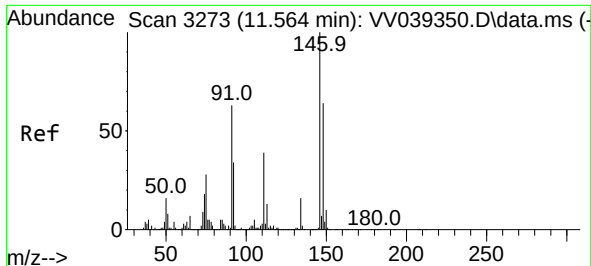
Tgt Ion: 117 Resp: 147247

Ion Ratio Lower Upper

117 100

201 86.9 45.3 135.8





#91

1,2-Dichlorobenzene

Concen: 19.725 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV039378.D

Acq: 13 Nov 2025 12:46

Instrument :

MSVOA_V

ClientSampleId :

VV1113WBS01

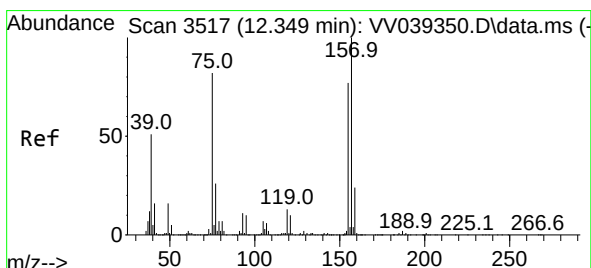
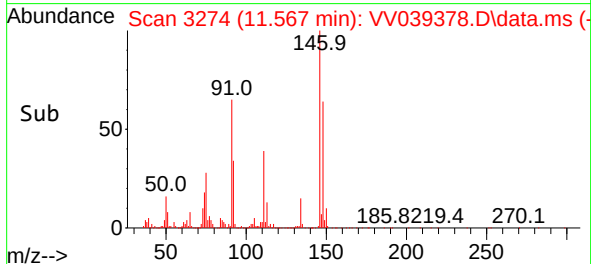
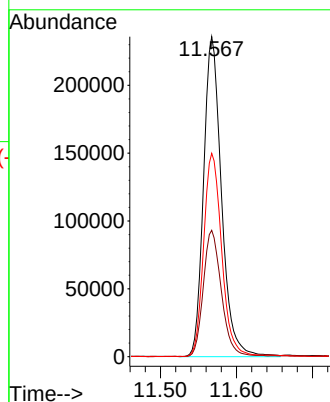
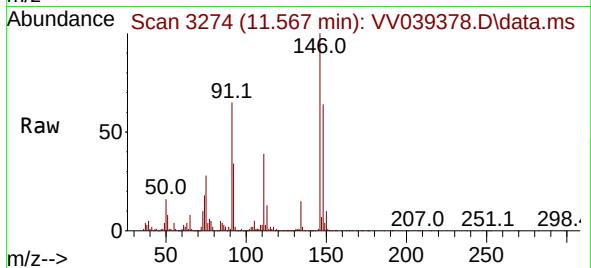
Tgt Ion:146 Resp: 386056

Ion Ratio Lower Upper

146 100

111 39.7 19.5 58.5

148 63.6 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.175 ug/l

RT: 12.352 min Scan# 3518

Delta R.T. 0.003 min

Lab File: VV039378.D

Acq: 13 Nov 2025 12:46

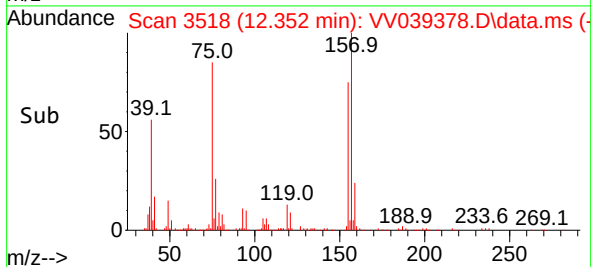
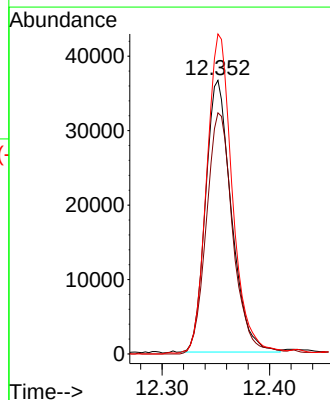
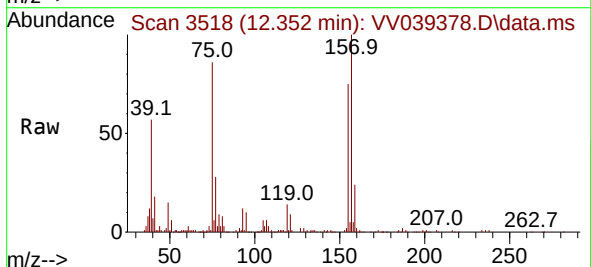
Tgt Ion: 75 Resp: 61027

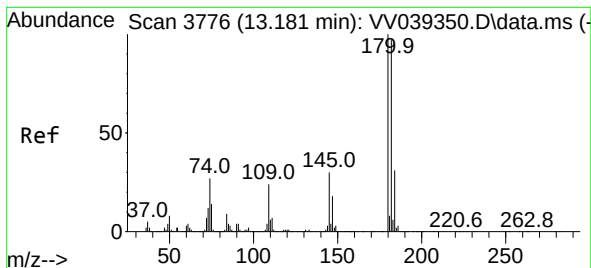
Ion Ratio Lower Upper

75 100

155 91.1 47.0 141.2

157 116.5 61.3 183.9





#93

1,2,4-Trichlorobenzene

Concen: 20.973 ug/l

RT: 13.185 min Scan# 3776

Delta R.T. 0.003 min

Lab File: VV039378.D

Acq: 13 Nov 2025 12:46

Instrument :

MSVOA_V

ClientSampleId :

VV1113WBS01

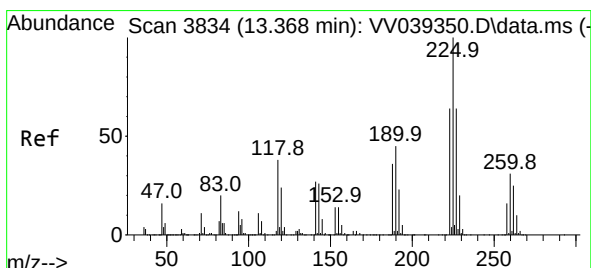
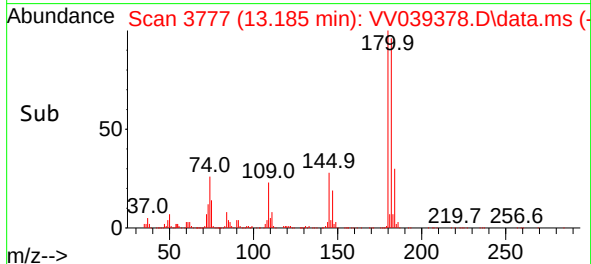
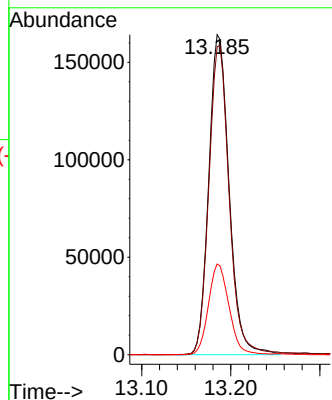
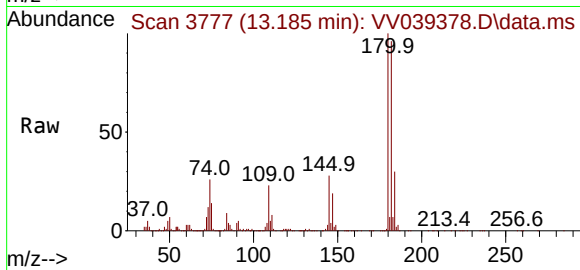
Tgt Ion:180 Resp: 260434

Ion Ratio Lower Upper

180 100

182 96.4 48.5 145.5

145 28.6 14.6 43.8



#94

Hexachlorobutadiene

Concen: 20.997 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. 0.000 min

Lab File: VV039378.D

Acq: 13 Nov 2025 12:46

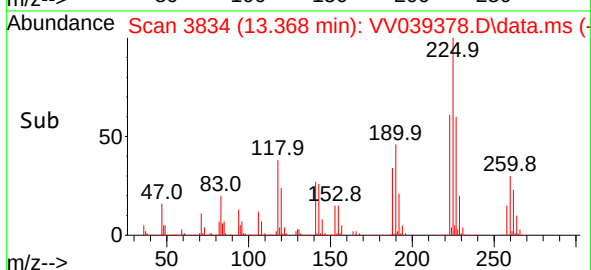
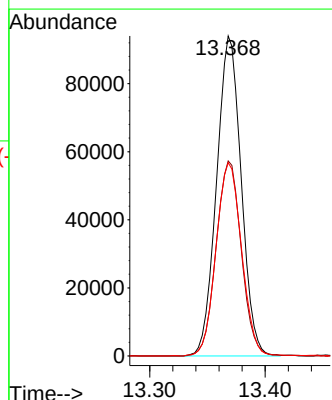
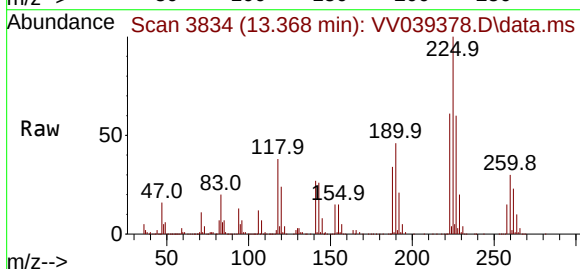
Tgt Ion:225 Resp: 139071

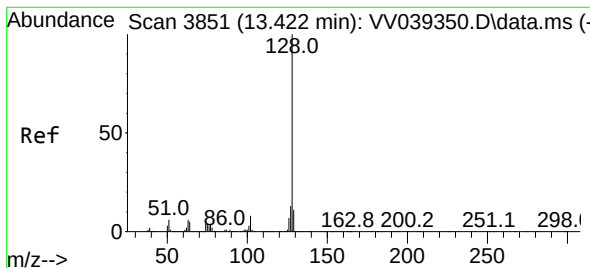
Ion Ratio Lower Upper

225 100

223 62.3 31.1 93.5

227 62.6 31.7 95.1





#95

Naphthalene

Concen: 21.430 ug/l

RT: 13.426 min Scan# 3851

Delta R.T. 0.003 min

Lab File: VV039378.D

Acq: 13 Nov 2025 12:46

Instrument :

MSVOA_V

ClientSampleId :

VV1113WBS01

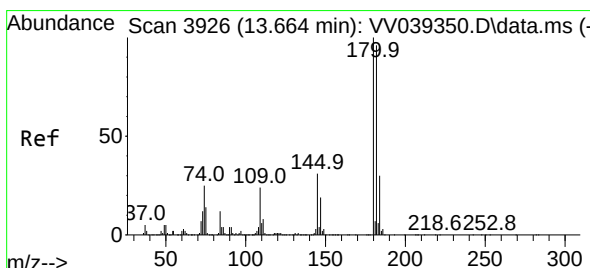
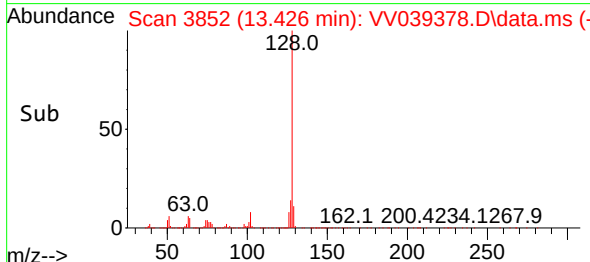
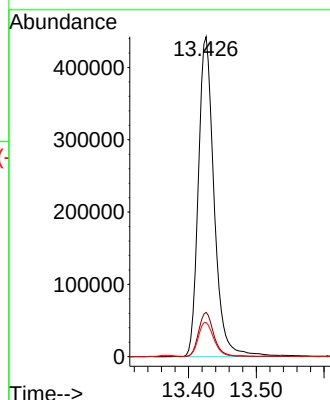
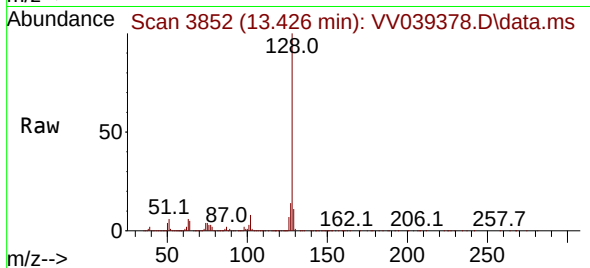
Tgt Ion:128 Resp: 713180

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 10.6 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 20.980 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. 0.003 min

Lab File: VV039378.D

Acq: 13 Nov 2025 12:46

Tgt Ion:180 Resp: 268765

Ion Ratio Lower Upper

180 100

182 94.7 47.9 143.6

145 31.2 15.3 45.9

