

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
 Data File : VV039310.D
 Acq On : 04 Nov 2025 13:12
 Operator : SY/MD
 Sample : VV1104WBSD01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 05 00:34:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:01:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	706395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1110419	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1079972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	618050	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	504363	50.248	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 100.500%	
35) Dibromofluoromethane	4.500	113	439127	50.190	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 100.380%	
50) Toluene-d8	7.233	98	1562786	52.505	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 105.000%	
62) 4-Bromofluorobenzene	9.998	95	566888	53.478	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 106.960%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	142292	15.937	ug/l	99
3) Chloromethane	1.230	50	163201	17.557	ug/l	99
4) Vinyl Chloride	1.298	62	177522	16.740	ug/l	99
5) Bromomethane	1.500	94	130712	18.997	ug/l	96
6) Chloroethane	1.561	64	117164	18.599	ug/l	100
7) Trichlorofluoromethane	1.728	101	280464	17.312	ug/l	100
8) Diethyl Ether	1.918	74	101974	17.418	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.082	101	171938	17.724	ug/l	100
10) Methyl Iodide	2.198	142	177632	21.253	ug/l	100
11) Tert butyl alcohol	2.568	59	114504	58.864	ug/l	99
12) 1,1-Dichloroethene	2.082	96	157485	16.534	ug/l	99
13) Acrolein	2.011	56	45929	34.858	ug/l	96
14) Allyl chloride	2.359	41	255924	16.950	ug/l	99
15) Acrylonitrile	2.674	53	474435	82.243	ug/l	99
16) Acetone	2.117	43	446179	89.035	ug/l	99
17) Carbon Disulfide	2.252	76	457002	16.987	ug/l	100
18) Methyl Acetate	2.381	43	204155	15.696	ug/l	99
19) Methyl tert-butyl Ether	2.712	73	525437	18.328	ug/l	100
20) Methylene Chloride	2.458	84	185551	19.477	ug/l	98
21) trans-1,2-Dichloroethene	2.703	96	170629	17.014	ug/l	98
22) Diisopropyl ether	3.214	45	516923	19.068	ug/l #	73
23) Vinyl Acetate	3.191	43	2240706	94.151	ug/l	100
24) 1,1-Dichloroethane	3.121	63	314272	17.304	ug/l	98
25) 2-Butanone	3.870	43	522681	85.148	ug/l	98
26) 2,2-Dichloropropane	3.812	77	263373	18.005	ug/l	100
27) cis-1,2-Dichloroethene	3.825	96	190586	18.980	ug/l	98
28) Bromochloromethane	4.146	49	136004	17.565	ug/l	100
29) Tetrahydrofuran	4.240	42	329172	83.868	ug/l	99
30) Chloroform	4.278	83	326914	17.651	ug/l	99
31) Cyclohexane	4.584	56	239964	18.140	ug/l	95
32) 1,1,1-Trichloroethane	4.513	97	290407	17.934	ug/l	99
36) 1,1-Dichloropropene	4.744	75	202551	18.432	ug/l	99
37) Ethyl Acetate	3.982	43	216252	16.809	ug/l	96
38) Carbon Tetrachloride	4.735	117	247835	18.511	ug/l	99
39) Methylcyclohexane	6.047	83	225379	17.945	ug/l	95
40) Benzene	5.011	78	664122	18.834	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.162	41	89193	17.353	ug/l	96
42) 1,2-Dichloroethane	5.040	62	224904	18.173	ug/l	99
43) Isopropyl Acetate	5.194	43	311494	18.494	ug/l	100
44) Trichloroethene	5.831	130	168787	19.034	ug/l	96
45) 1,2-Dichloropropane	6.088	63	158585	18.482	ug/l	99
46) Dibromomethane	6.227	93	129164	18.009	ug/l	97
47) Bromodichloromethane	6.426	83	261312	18.491	ug/l	99
48) Methyl methacrylate	6.301	41	131960	16.912	ug/l	97
49) 1,4-Dioxane	6.297	88	25908	199.594	ug/l	96
51) 4-Methyl-2-Pentanone	7.146	43	1091455	93.404	ug/l	98
52) Toluene	7.310	92	425923	20.005	ug/l	98
53) t-1,3-Dichloropropene	7.574	75	238584	19.318	ug/l	99
54) cis-1,3-Dichloropropene	6.950	75	268605	19.562	ug/l	100
55) 1,1,2-Trichloroethane	7.760	97	181167	18.844	ug/l	98
56) Ethyl methacrylate	7.715	69	208906	19.180	ug/l	99
57) 1,3-Dichloropropane	7.934	76	282261	19.456	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.812	63	610540	97.962	ug/l	100
59) 2-Hexanone	8.063	43	781191	91.062	ug/l	98
60) Dibromochloromethane	8.165	129	209660	18.652	ug/l	99
61) 1,2-Dibromoethane	8.275	107	189522	18.932	ug/l	100
64) Tetrachloroethene	7.895	164	149728	19.006	ug/l	98
65) Chlorobenzene	8.802	112	477053	18.659	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.899	131	173236	18.090	ug/l	100
67) Ethyl Benzene	8.937	91	714598	18.975	ug/l	99
68) m/p-Xylenes	9.063	106	599953	40.166	ug/l	99
69) o-Xylene	9.468	106	255191	19.346	ug/l	99
70) Styrene	9.487	104	473582	20.178	ug/l	100
71) Bromoform	9.654	173	145493	18.787	ug/l #	99
73) Isopropylbenzene	9.853	105	726176	19.349	ug/l	100
74) N-amyl acetate	9.725	43	262340	16.964	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	285417	16.560	ug/l	100
76) 1,2,3-Trichloropropane	10.198	75	208431	16.897	ug/l	98
77) Bromobenzene	10.140	156	194441	18.846	ug/l	99
78) n-propylbenzene	10.278	91	873113	19.173	ug/l	100
79) 2-Chlorotoluene	10.345	91	548766	19.518	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	628719	19.974	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.927	75	86319	17.672	ug/l	99
82) 4-Chlorotoluene	10.461	91	635854	19.676	ug/l	100
83) tert-Butylbenzene	10.789	119	565360	18.088	ug/l	98
84) 1,2,4-Trimethylbenzene	10.841	105	604279	19.501	ug/l	99
85) sec-Butylbenzene	11.011	105	730091	18.475	ug/l	99
86) p-Isopropyltoluene	11.165	119	623275	18.344	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	392721	19.084	ug/l	98
88) 1,4-Dichlorobenzene	11.197	146	413908	17.972	ug/l	99
89) n-Butylbenzene	11.580	91	544830	17.219	ug/l	99
90) Hexachloroethane	11.818	117	137751	16.396	ug/l	99
91) 1,2-Dichlorobenzene	11.567	146	355117	18.140	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	56405	15.916	ug/l	95
93) 1,2,4-Trichlorobenzene	13.185	180	198152	18.149	ug/l	99
94) Hexachlorobutadiene	13.368	225	79422	14.366	ug/l	98
95) Naphthalene	13.422	128	609877	17.050	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	203858	17.965	ug/l	100

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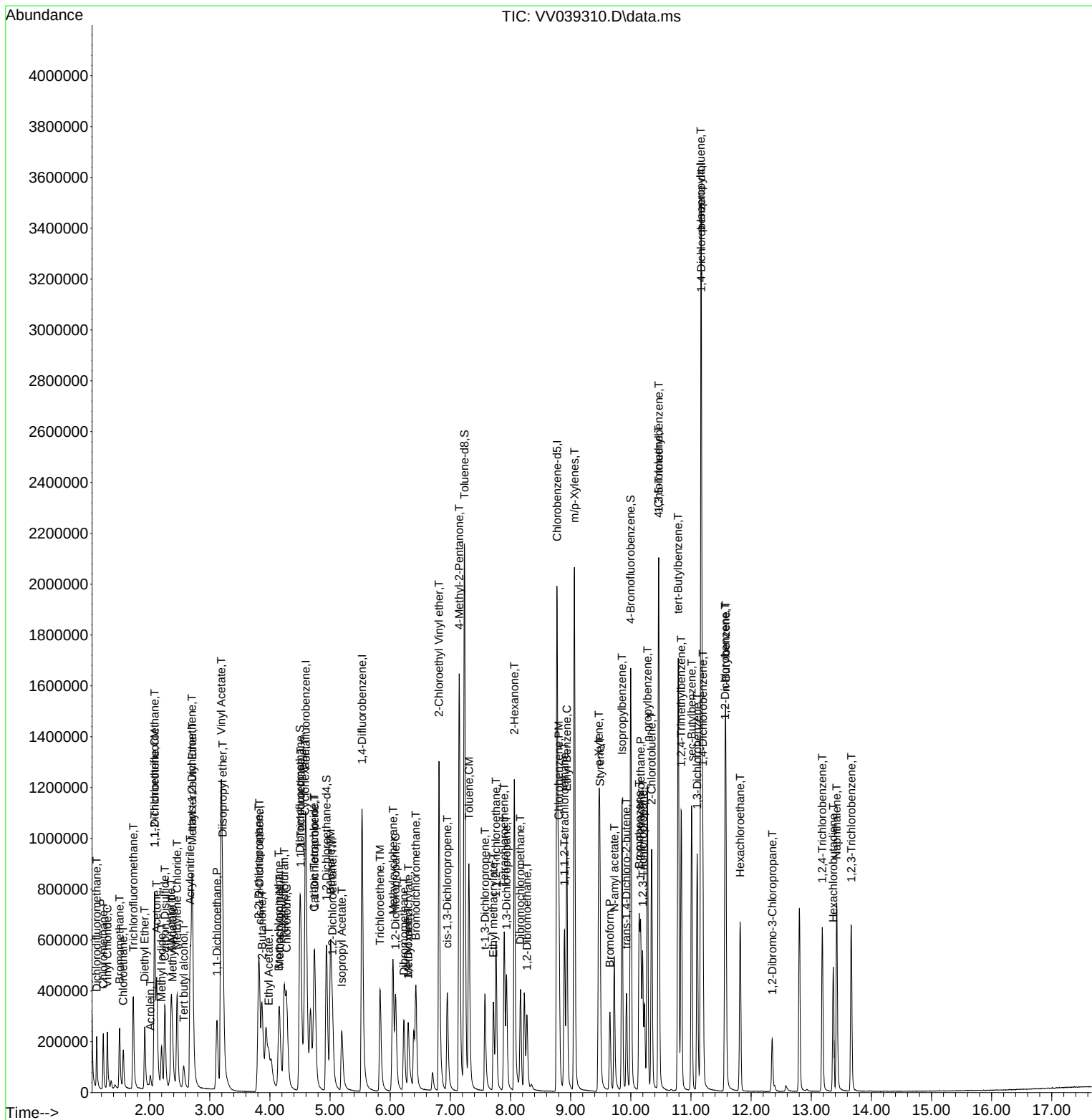
Instrument :
MSVOA_V
ClientSampleId :

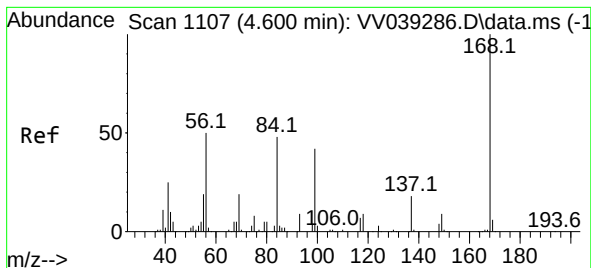
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.596 min Scan# 1106

Delta R.T. -0.004 min

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Instrument :

MSVOA_V

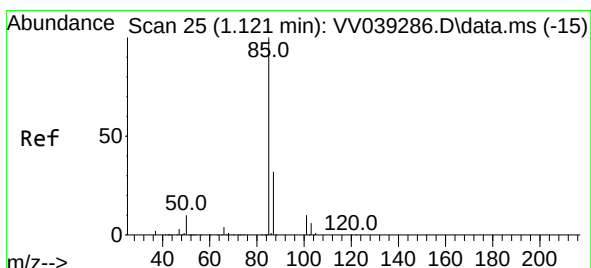
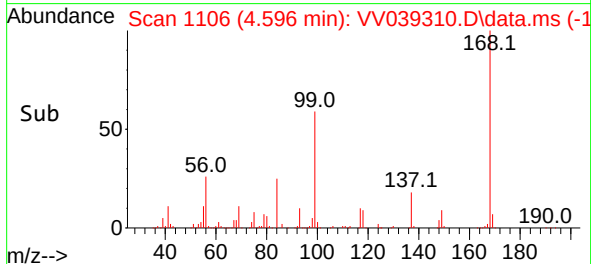
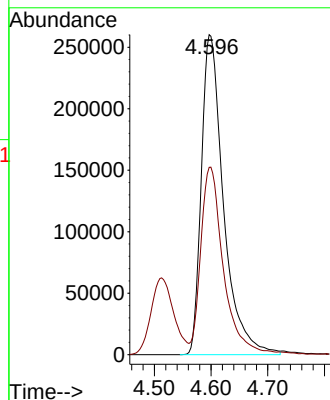
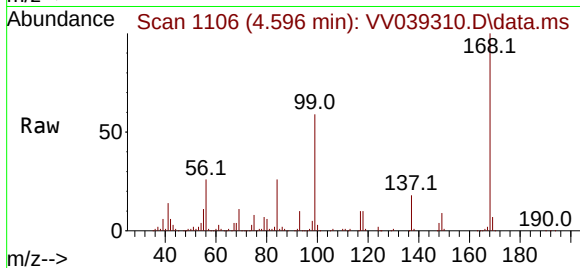
ClientSampleId :

Tgt Ion:168 Resp: 706395

Ion Ratio Lower Upper

168 100

99 57.7 46.6 70.0



#2

Dichlorodifluoromethane

Concen: 15.937 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.000 min

Lab File: VV039310.D

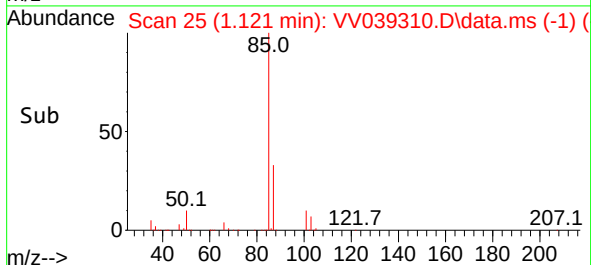
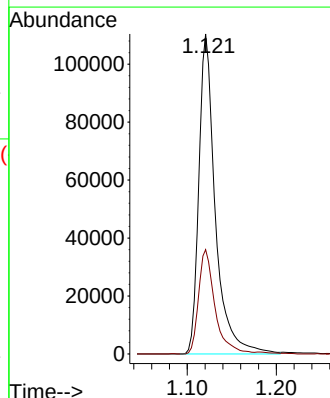
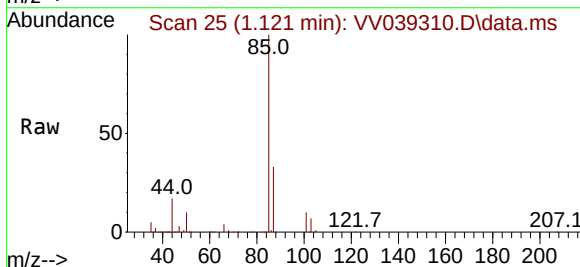
Acq: 04 Nov 2025 13:12

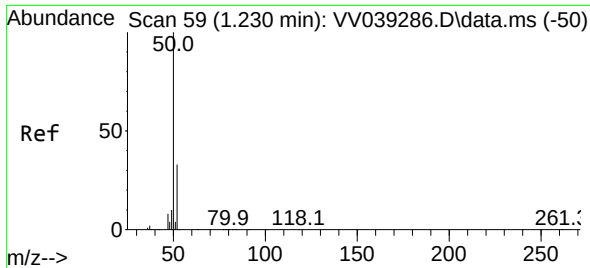
Tgt Ion: 85 Resp: 142292

Ion Ratio Lower Upper

85 100

87 32.6 16.1 48.2

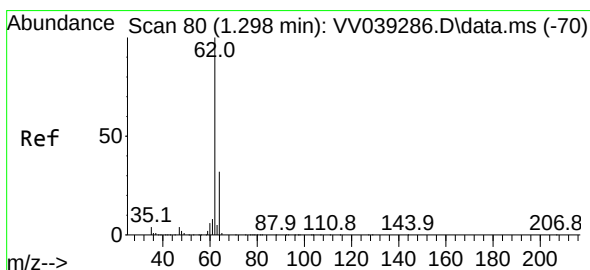
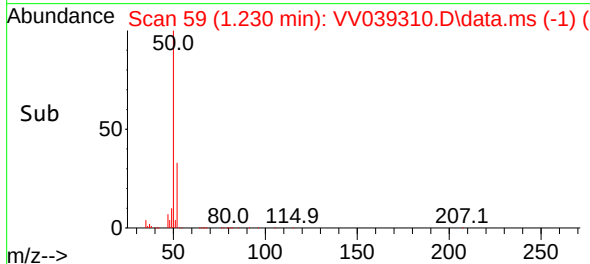
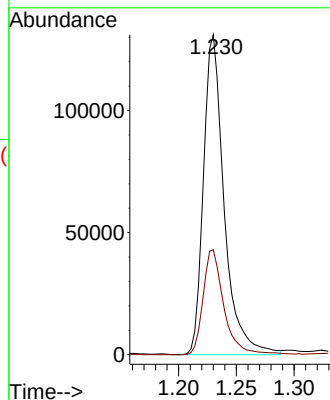
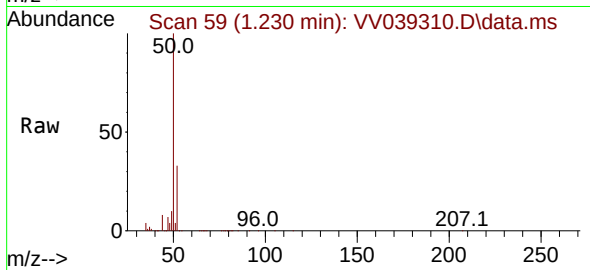




#3
Chloromethane
Concen: 17.557 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV039310.D
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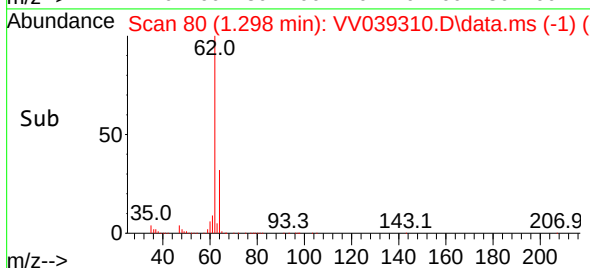
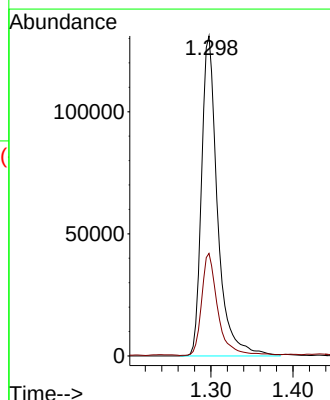
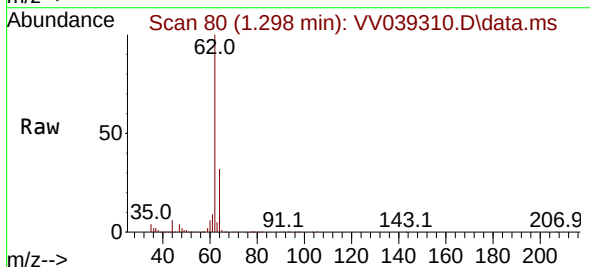
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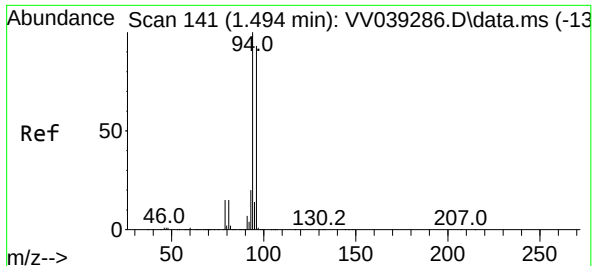
Tgt Ion: 50 Resp: 163201
Ion Ratio Lower Upper
50 100
52 32.8 26.6 39.8



#4
Vinyl Chloride
Concen: 16.740 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

Tgt Ion: 62 Resp: 177522
Ion Ratio Lower Upper
62 100
64 31.9 25.8 38.6

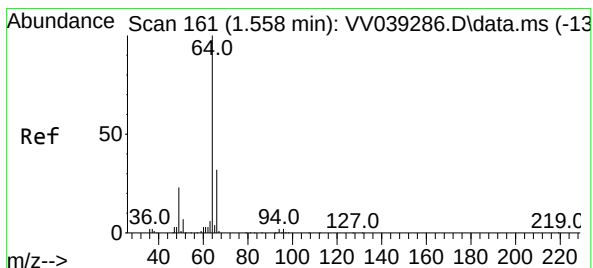
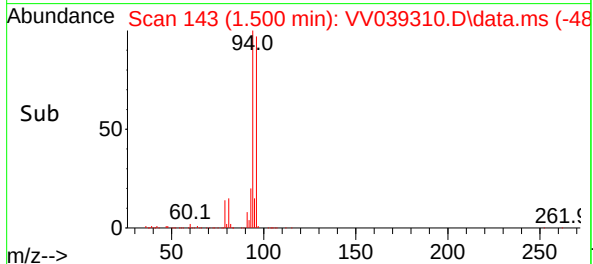
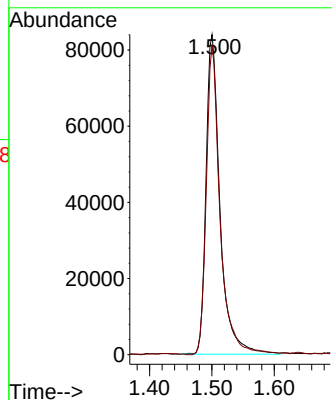
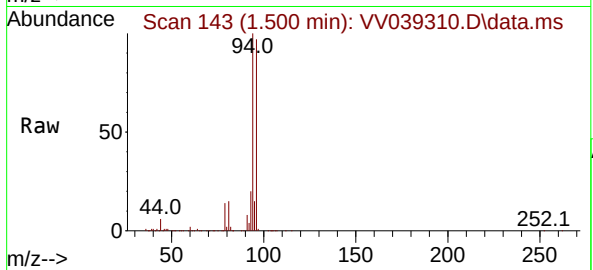




#5
Bromomethane
Concen: 18.997 ug/l
RT: 1.500 min Scan# 141
Delta R.T. 0.006 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

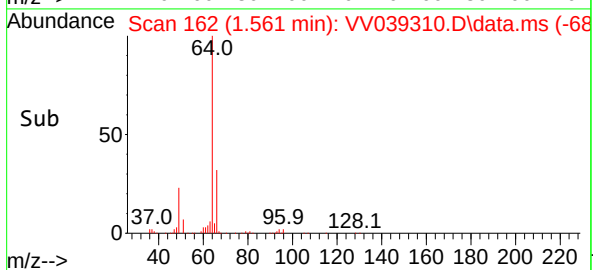
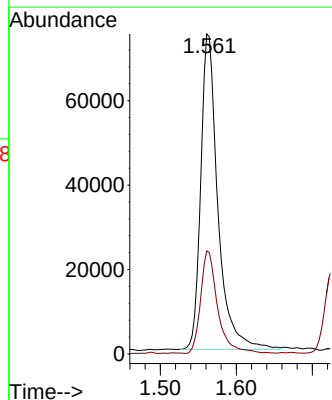
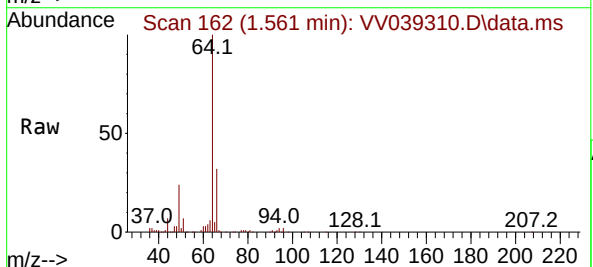
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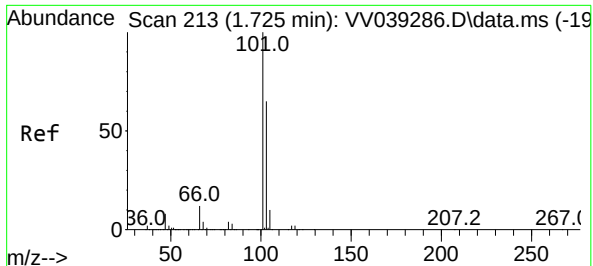
Tgt Ion: 94 Resp: 130712
Ion Ratio Lower Upper
94 100
96 96.7 74.2 111.2



#6
Chloroethane
Concen: 18.599 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.003 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

Tgt Ion: 64 Resp: 117164
Ion Ratio Lower Upper
64 100
66 32.4 25.7 38.5

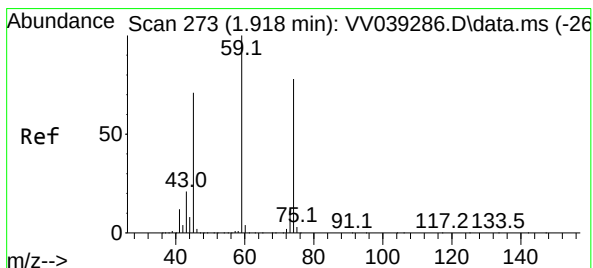
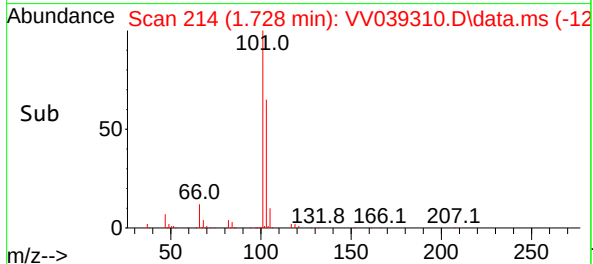
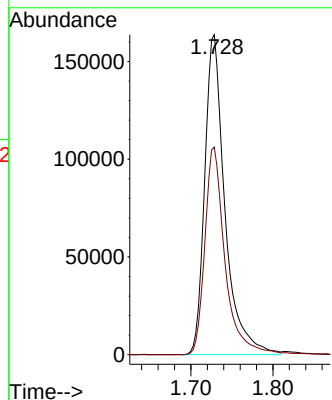
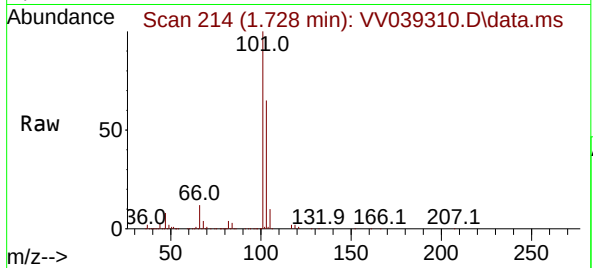




#7
Trichlorofluoromethane
Concen: 17.312 ug/l
RT: 1.728 min Scan# 213
Delta R.T. 0.003 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

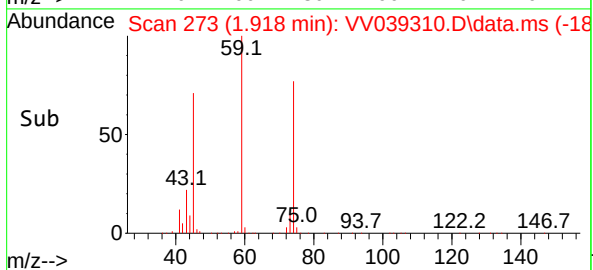
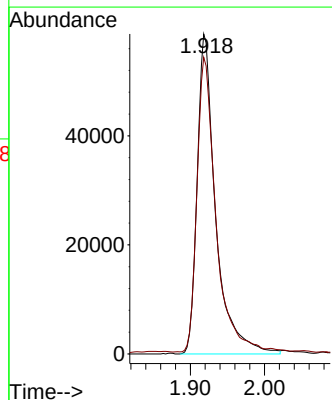
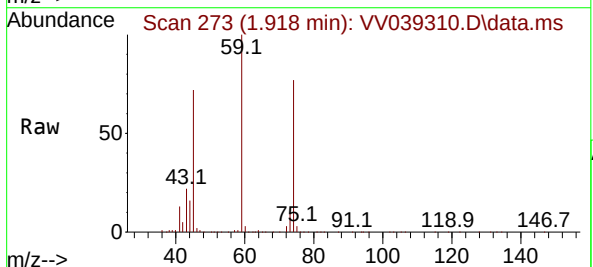
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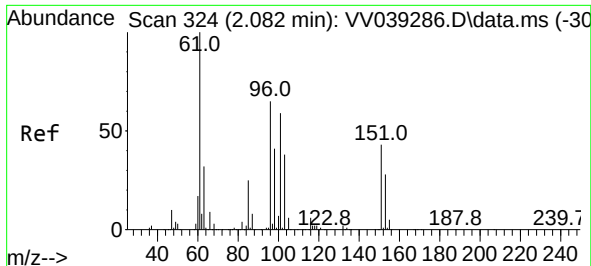
Tgt Ion:101 Resp: 280464
Ion Ratio Lower Upper
101 100
103 64.9 52.0 78.0



#8
Diethyl Ether
Concen: 17.418 ug/l
RT: 1.918 min Scan# 273
Delta R.T. 0.000 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

Tgt Ion: 74 Resp: 101974
Ion Ratio Lower Upper
74 100
45 93.5 45.9 137.7

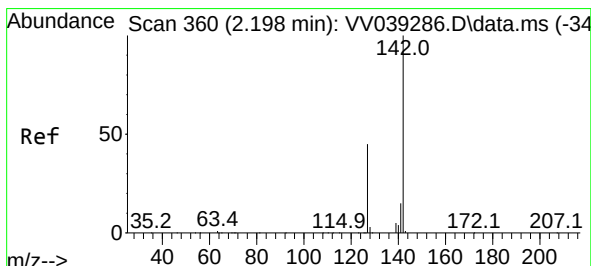
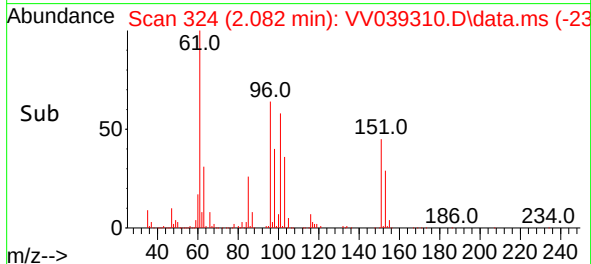
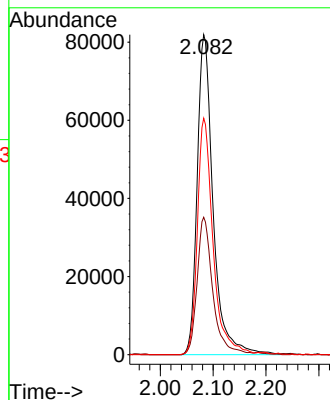
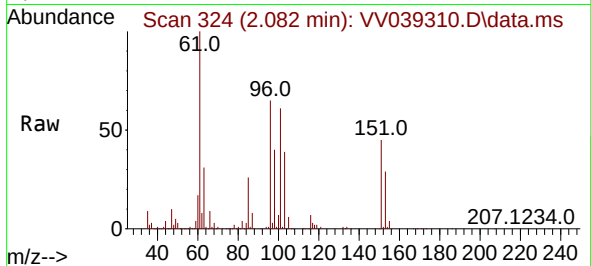




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.724 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.000 min
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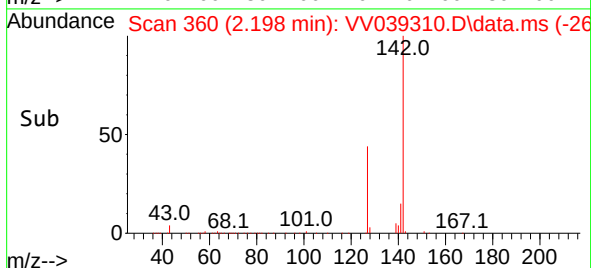
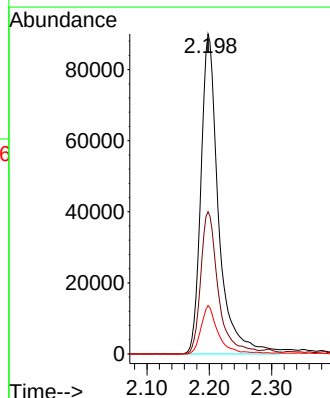
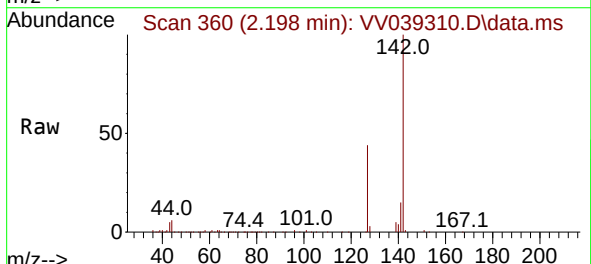
Instrument :
MSVOA_V
ClientSampleId :

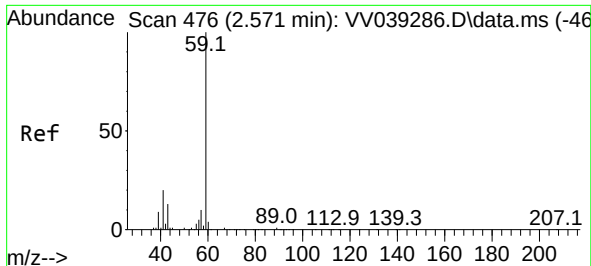
Tgt Ion:101 Resp: 171938
Ion Ratio Lower Upper
101 100
85 42.3 34.0 51.0
151 72.7 58.5 87.7



#10
Methyl Iodide
Concen: 21.253 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.000 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

Tgt Ion:142 Resp: 177632
Ion Ratio Lower Upper
142 100
127 44.2 35.5 53.3
141 14.1 11.5 17.3

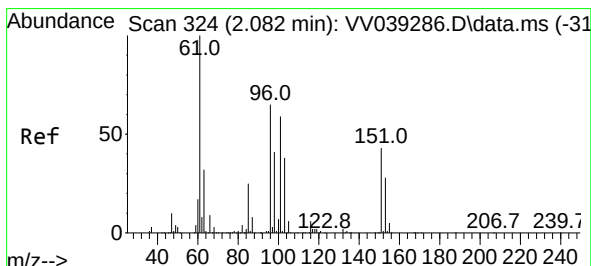
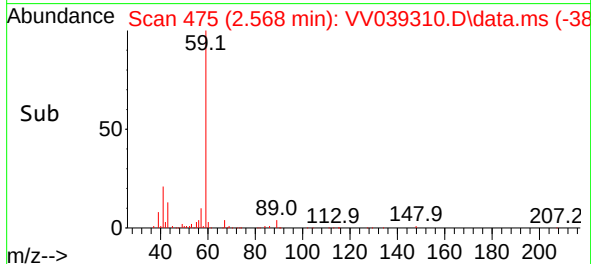
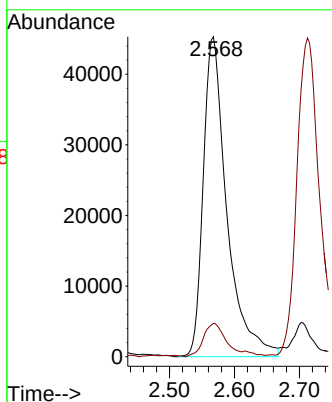
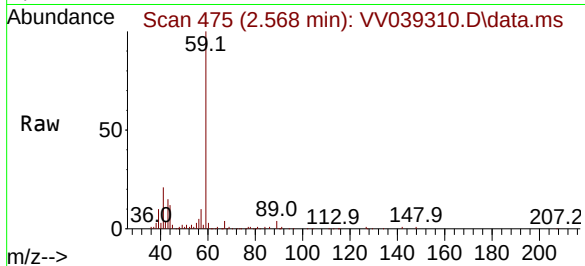




#11
Tert butyl alcohol
Concen: 58.864 ug/l
RT: 2.568 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

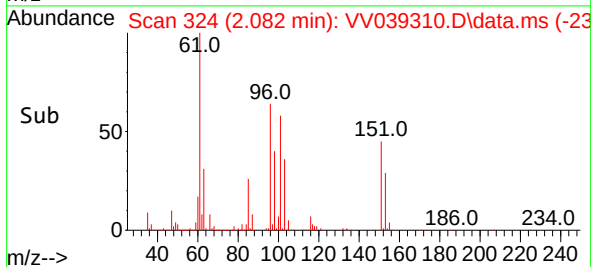
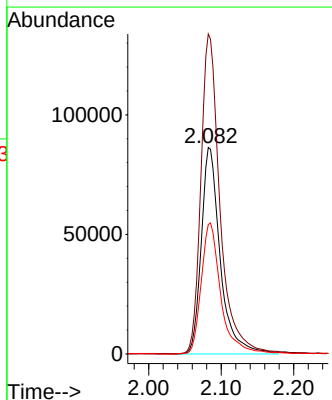
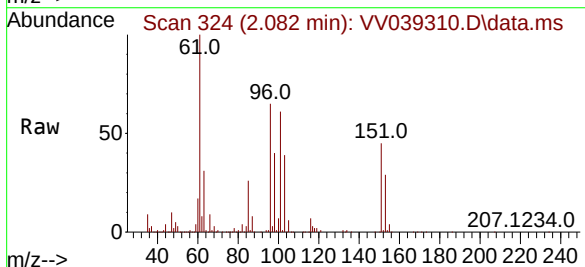
Instrument :
MSVOA_V
ClientSampleId :

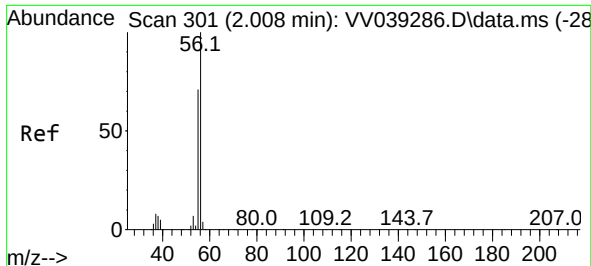
Tgt Ion: 59 Resp: 114504
Ion Ratio Lower Upper
59 100
57 9.7 8.1 12.1



#12
1,1-Dichloroethene
Concen: 16.534 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

Tgt Ion: 96 Resp: 157485
Ion Ratio Lower Upper
96 100
61 154.8 123.6 185.4
98 62.5 51.1 76.7

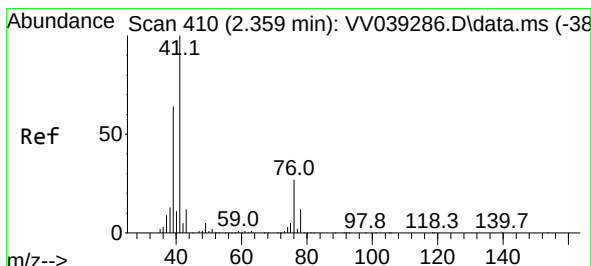
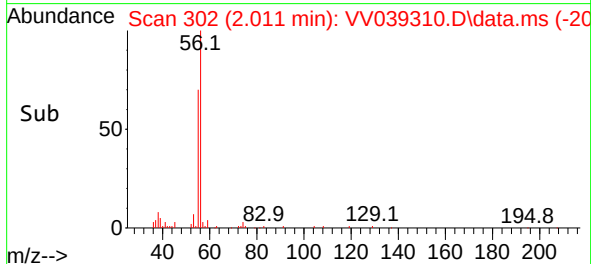
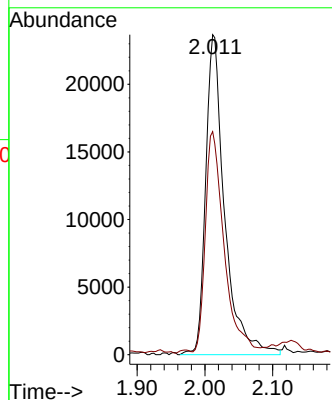
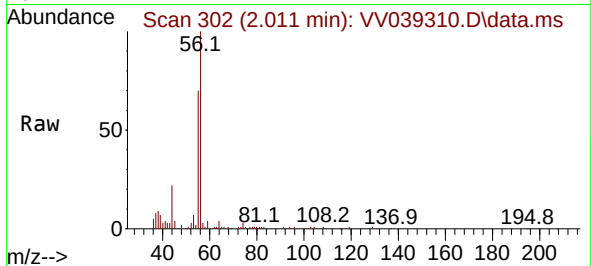




#13
Acrolein
Concen: 34.858 ug/l
RT: 2.011 min Scan# 301
Delta R.T. 0.003 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

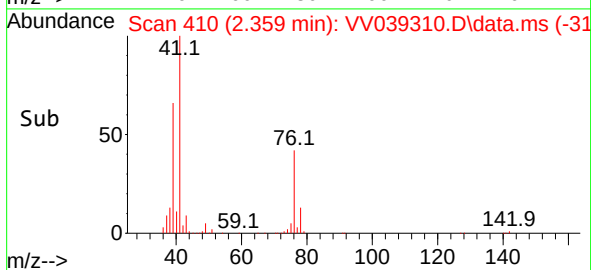
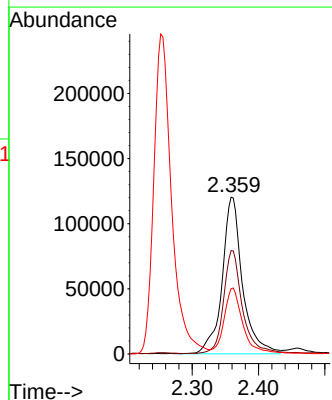
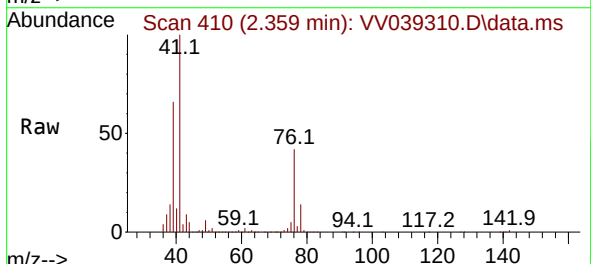
Instrument :
MSVOA_V
ClientSampleId :

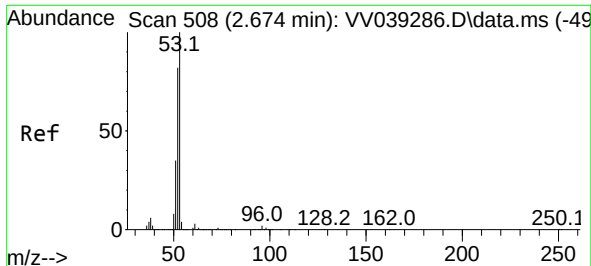
Tgt Ion: 56 Resp: 45929
Ion Ratio Lower Upper
56 100
55 67.3 56.2 84.4



#14
Allyl chloride
Concen: 16.950 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.000 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

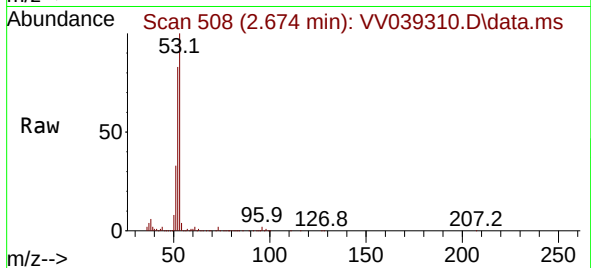
Tgt Ion: 41 Resp: 255924
Ion Ratio Lower Upper
41 100
39 60.7 47.8 71.6
76 38.7 30.2 45.2



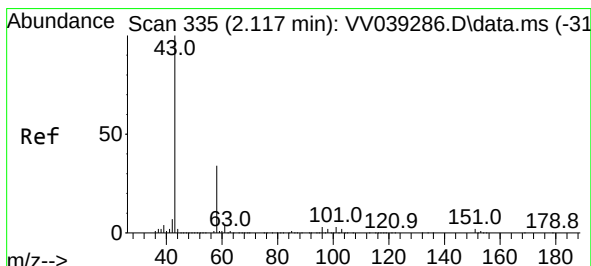
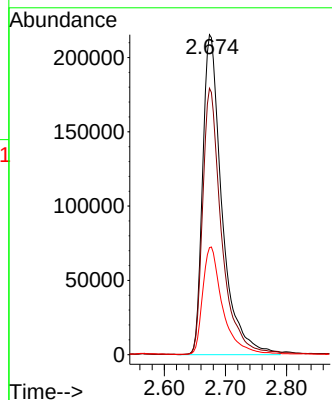
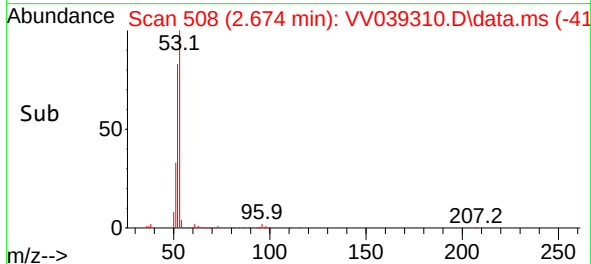


#15
Acrylonitrile
Concen: 82.243 ug/l
RT: 2.674 min Scan# 508
Delta R.T. 0.000 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

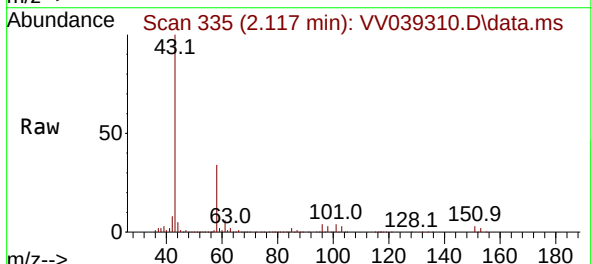
Instrument :
MSVOA_V
ClientSampleId :



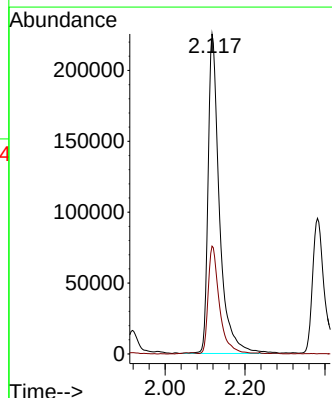
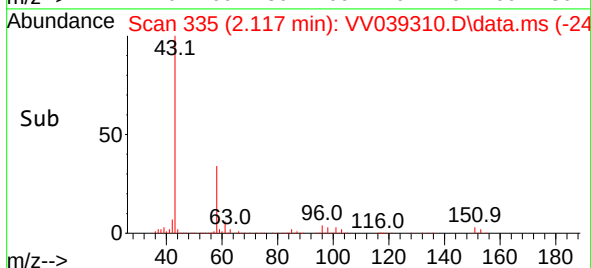
Tgt Ion: 53 Resp: 474435
Ion Ratio Lower Upper
53 100
52 81.6 65.0 97.6
51 34.4 27.9 41.9

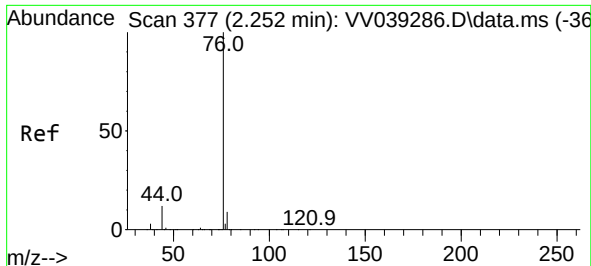


#16
Acetone
Concen: 89.035 ug/l
RT: 2.117 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12



Tgt Ion: 43 Resp: 446179
Ion Ratio Lower Upper
43 100
58 33.7 27.5 41.3

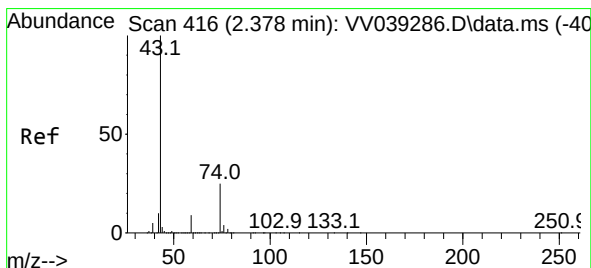
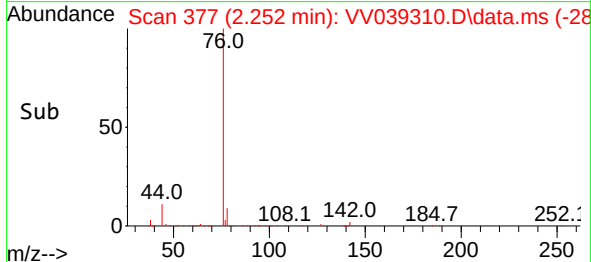
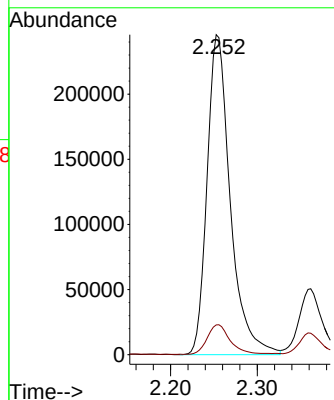
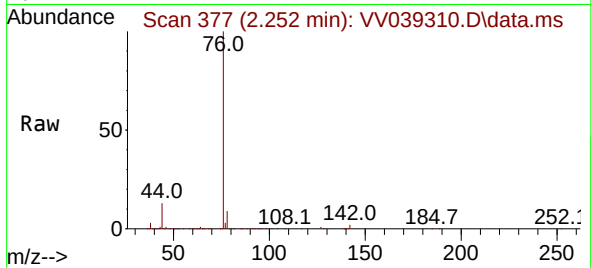




#17
Carbon Disulfide
Concen: 16.987 ug/l
RT: 2.252 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

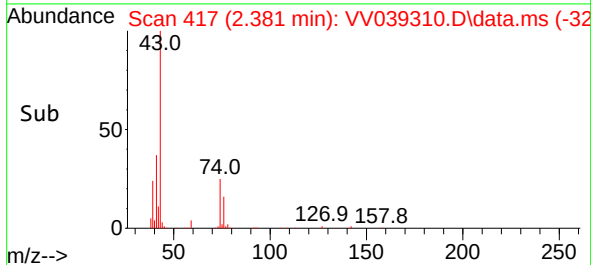
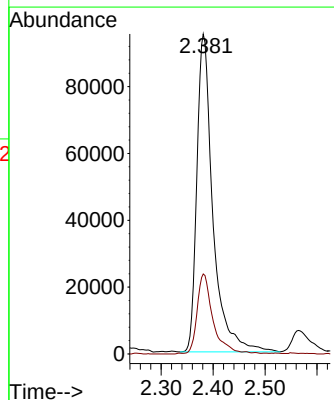
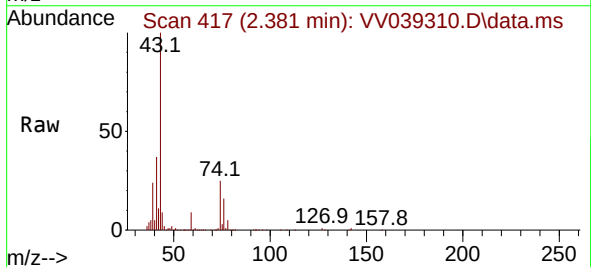
Instrument :
MSVOA_V
ClientSampleId :

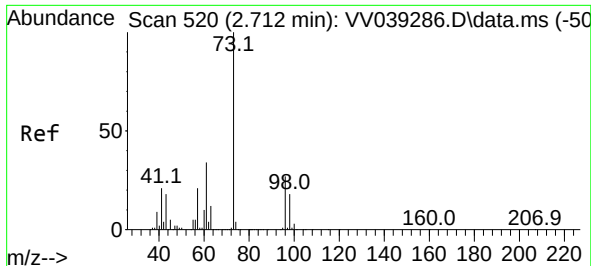
Tgt Ion: 76 Resp: 457002
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 15.696 ug/l
RT: 2.381 min Scan# 417
Delta R.T. 0.003 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

Tgt Ion: 43 Resp: 204155
Ion Ratio Lower Upper
43 100
74 23.8 19.5 29.3

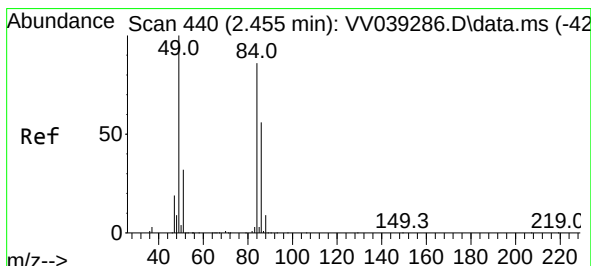
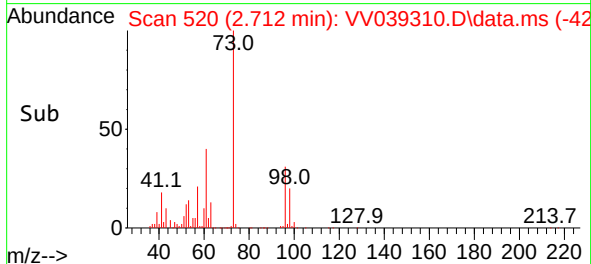
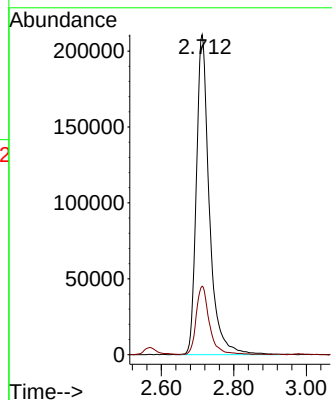
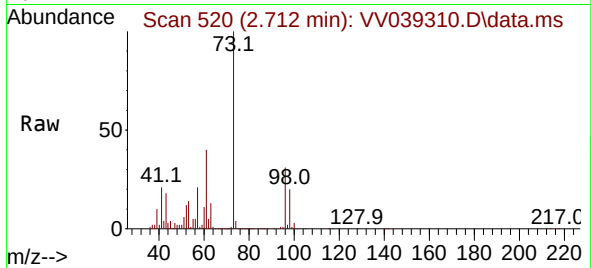




#19
Methyl tert-butyl Ether
Concen: 18.328 ug/l
RT: 2.712 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

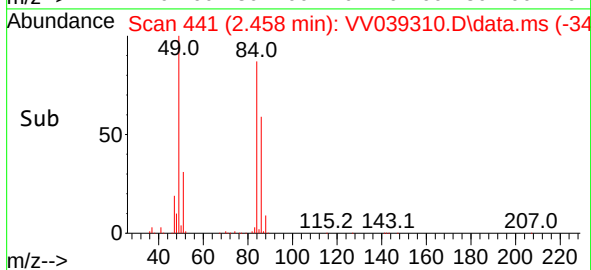
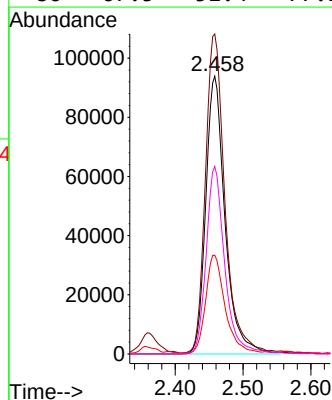
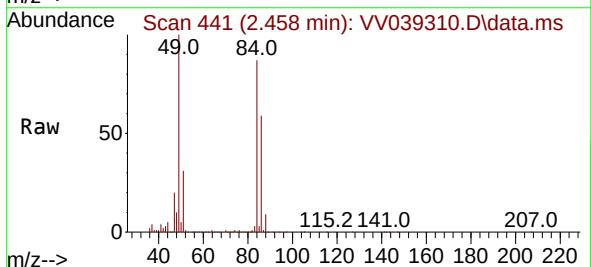
Instrument :
MSVOA_V
ClientSampleId :

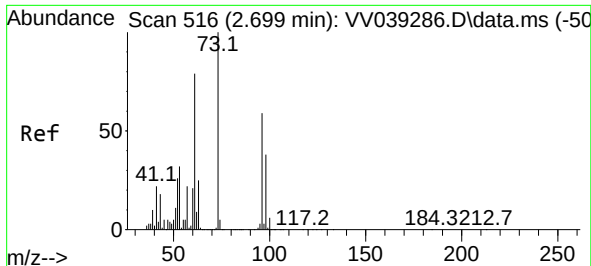
Tgt Ion: 73 Resp: 525437
Ion Ratio Lower Upper
73 100
57 21.3 17.0 25.6



#20
Methylene Chloride
Concen: 19.477 ug/l
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

Tgt Ion: 84 Resp: 185551
Ion Ratio Lower Upper
84 100
49 114.8 92.6 139.0
51 35.3 29.6 44.4
86 67.5 51.4 77.2

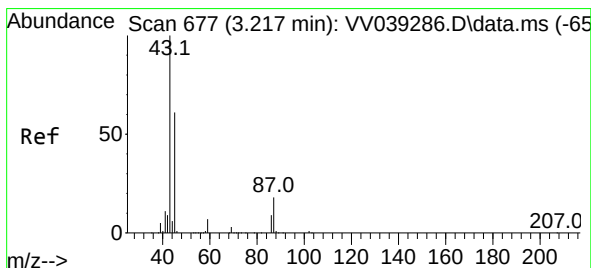
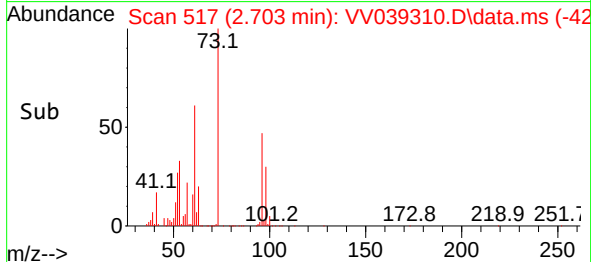
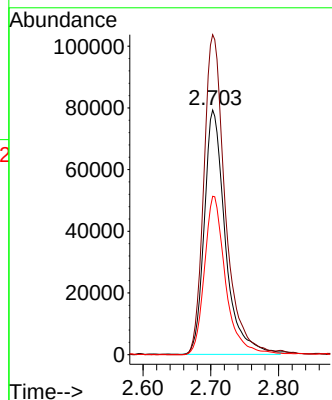
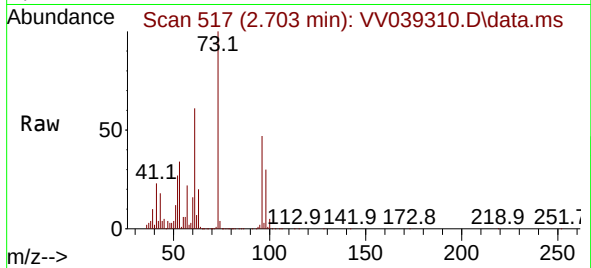




#21
trans-1,2-Dichloroethene
Concen: 17.014 ug/l
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

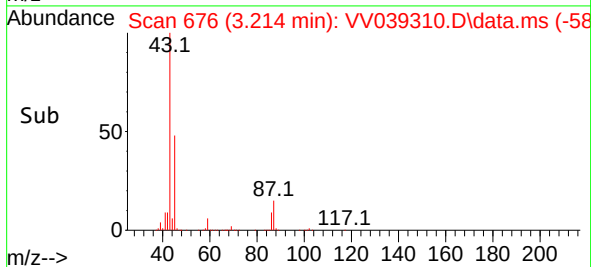
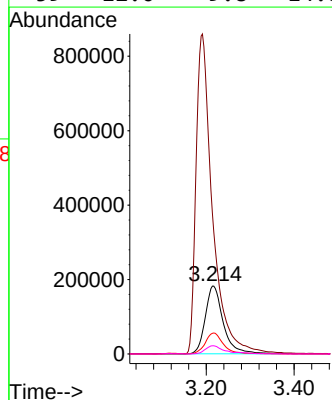
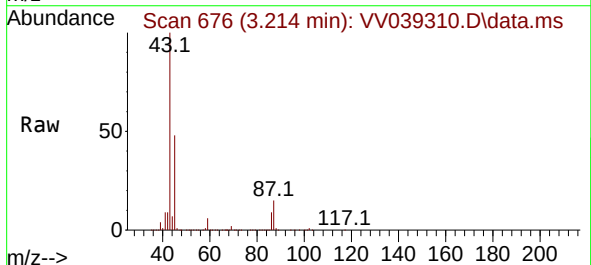
Instrument :
MSVOA_V
ClientSampleId :

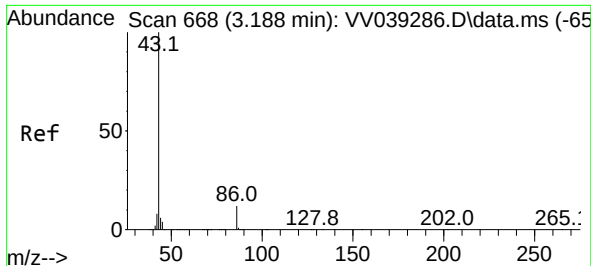
Tgt Ion: 96 Resp: 170629
Ion Ratio Lower Upper
96 100
61 131.0 106.8 160.2
98 64.9 51.1 76.7



#22
Diisopropyl ether
Concen: 19.068 ug/l
RT: 3.214 min Scan# 676
Delta R.T. -0.003 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

Tgt Ion: 45 Resp: 516923
Ion Ratio Lower Upper
45 100
43 208.4 130.8 196.2#
87 30.3 23.8 35.8
59 12.0 9.8 14.8

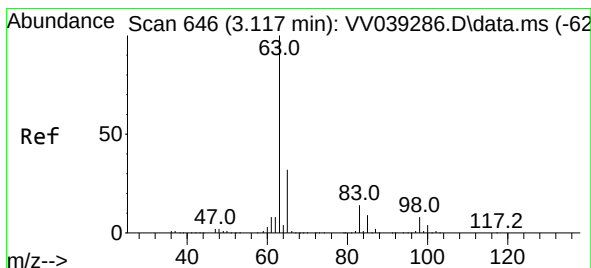
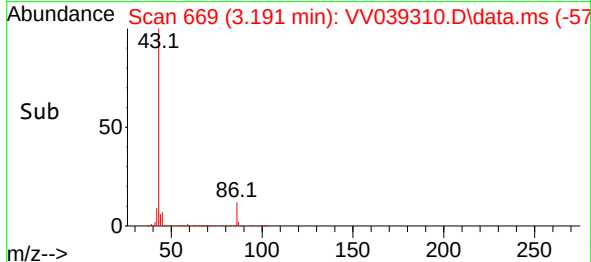
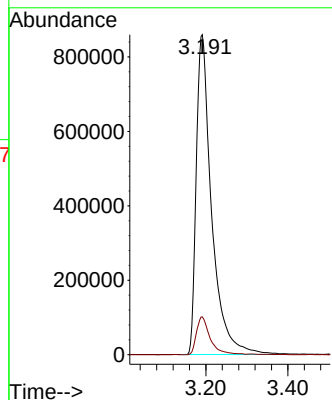
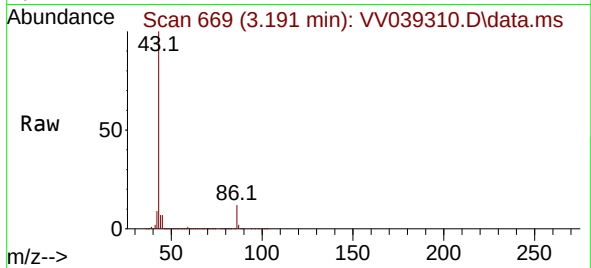




#23
 Vinyl Acetate
 Concen: 94.151 ug/l
 RT: 3.191 min Scan# 60
 Delta R.T. 0.003 min
 Lab File: VV039310.D
 Acq: 04 Nov 2025 13:12

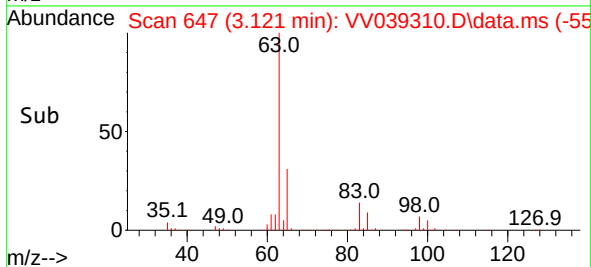
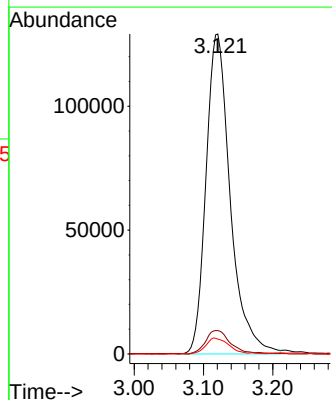
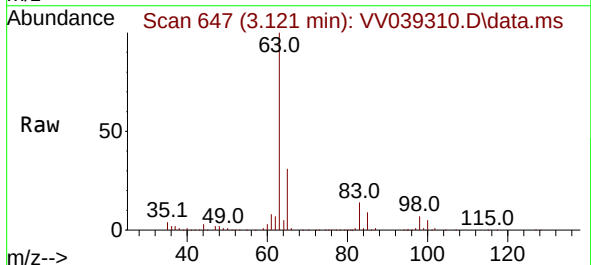
Instrument :
 MSVOA_V
 ClientSampleId :

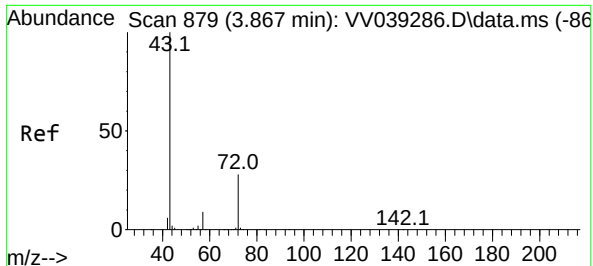
Tgt Ion: 43 Resp: 2240706
 Ion Ratio Lower Upper
 43 100
 86 11.8 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 17.304 ug/l
 RT: 3.121 min Scan# 647
 Delta R.T. 0.003 min
 Lab File: VV039310.D
 Acq: 04 Nov 2025 13:12

Tgt Ion: 63 Resp: 314272
 Ion Ratio Lower Upper
 63 100
 98 7.2 4.0 12.0
 100 4.7 2.3 6.8

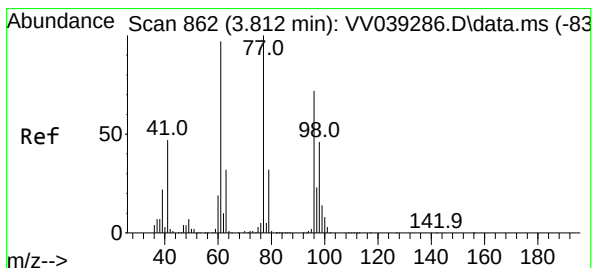
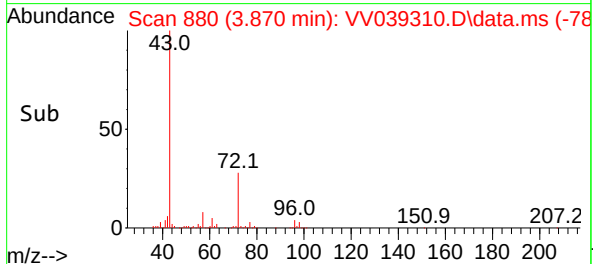
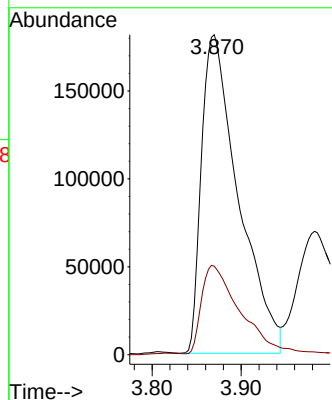
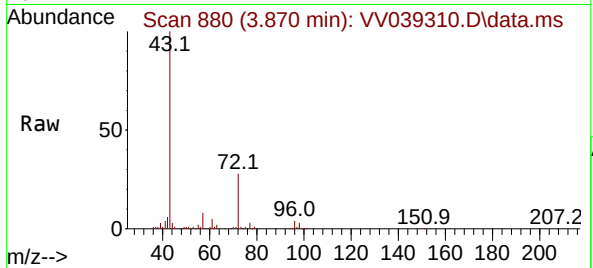




#25
2-Butanone
Concen: 85.148 ug/l
RT: 3.870 min Scan# 879
Delta R.T. 0.003 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

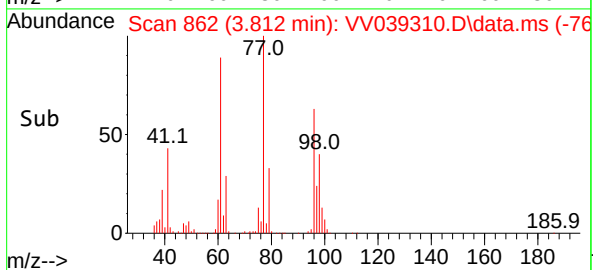
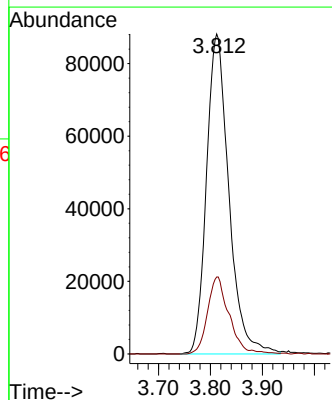
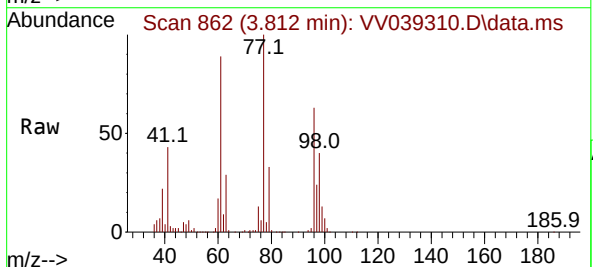
Instrument :
MSVOA_V
ClientSampleId :

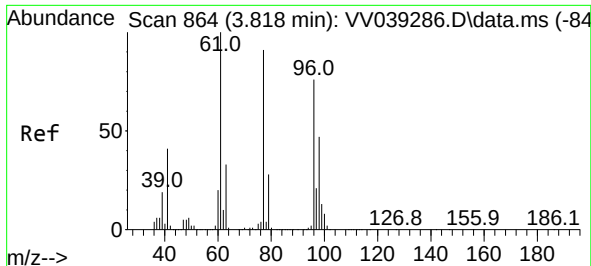
Tgt Ion: 43 Resp: 522681
Ion Ratio Lower Upper
43 100
72 27.4 22.6 34.0



#26
2,2-Dichloropropane
Concen: 18.005 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.000 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

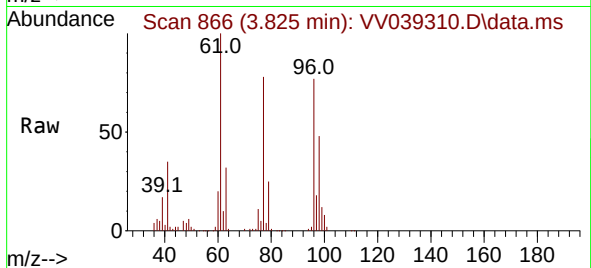
Tgt Ion: 77 Resp: 263373
Ion Ratio Lower Upper
77 100
97 23.3 11.6 34.8





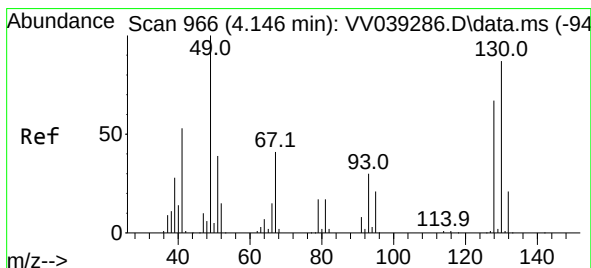
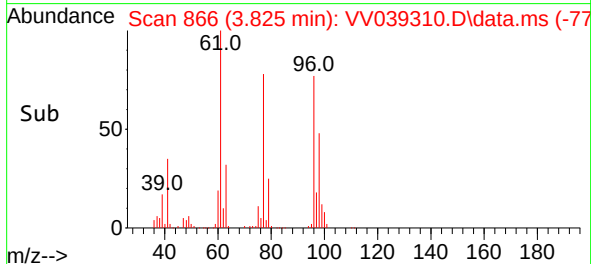
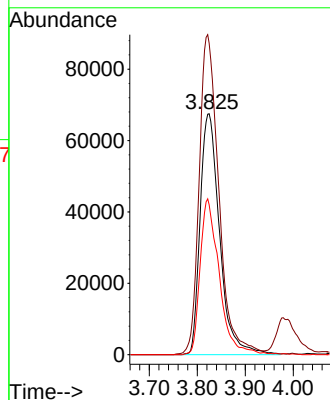
#27
 cis-1,2-Dichloroethene
 Concen: 18.980 ug/l
 RT: 3.825 min Scan# 864
 Delta R.T. 0.006 min
 Lab File: VV039310.D
 Acq: 04 Nov 2025 13:12

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 190586

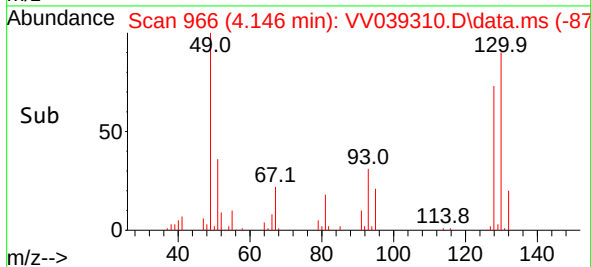
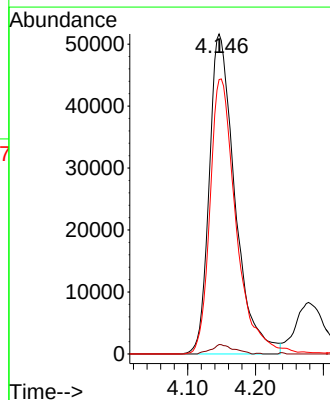
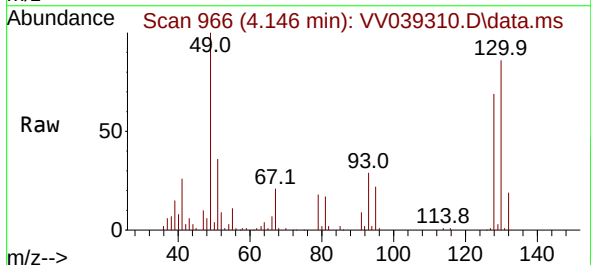
Ion	Ratio	Lower	Upper
96	100		
61	134.0	0.0	275.0
98	63.0	0.0	127.8

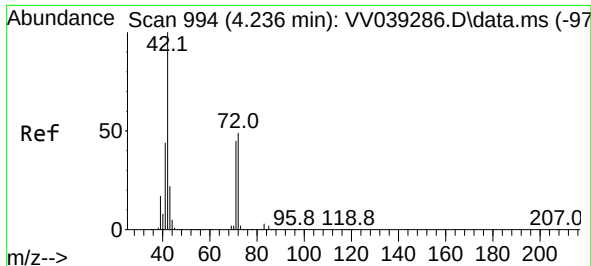


#28
 Bromochloromethane
 Concen: 17.565 ug/l
 RT: 4.146 min Scan# 966
 Delta R.T. 0.000 min
 Lab File: VV039310.D
 Acq: 04 Nov 2025 13:12

Tgt Ion: 49 Resp: 136004

Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.8
130	86.9	69.5	104.3





#29

Tetrahydrofuran

Concen: 83.868 ug/l

RT: 4.240 min Scan# 994

Delta R.T. 0.003 min

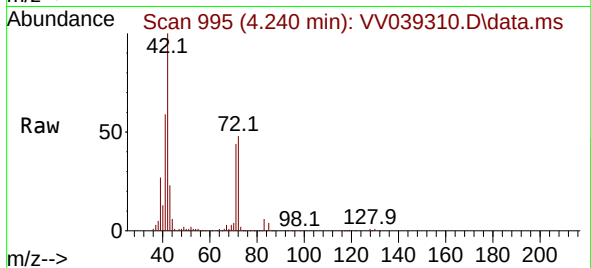
Lab File: VV039310.D

Acq: 04 Nov 2025 13:12

Instrument :

MSVOA_V

ClientSampleId :



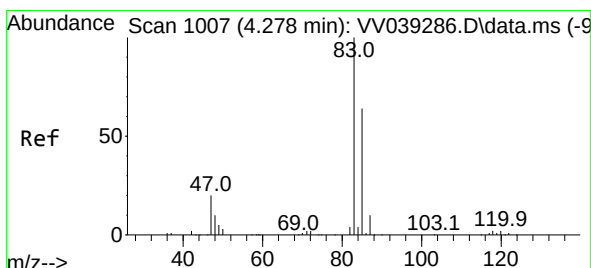
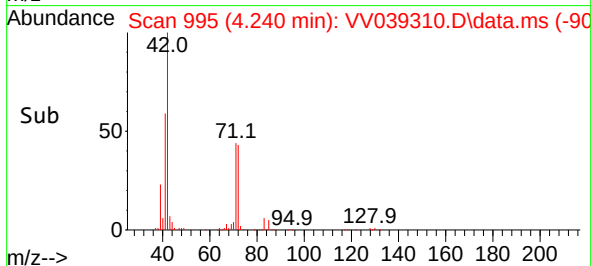
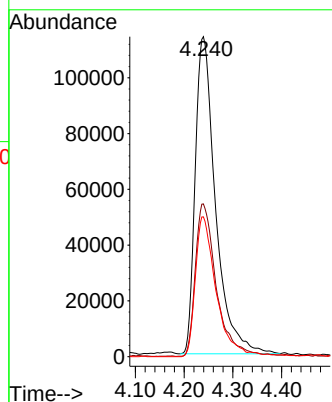
Tgt Ion: 42 Resp: 329172

Ion Ratio Lower Upper

42 100

72 49.5 39.8 59.8

71 44.3 36.5 54.7



#30

Chloroform

Concen: 17.651 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. 0.000 min

Lab File: VV039310.D

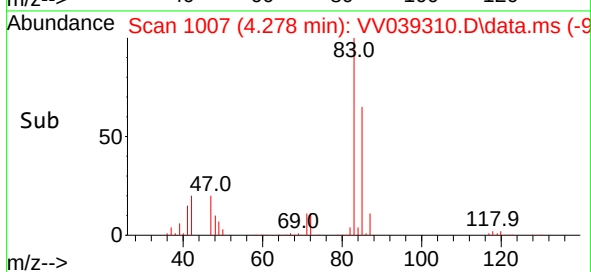
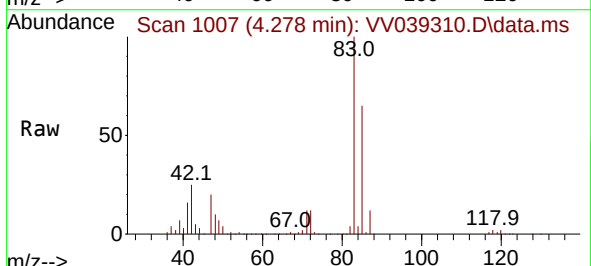
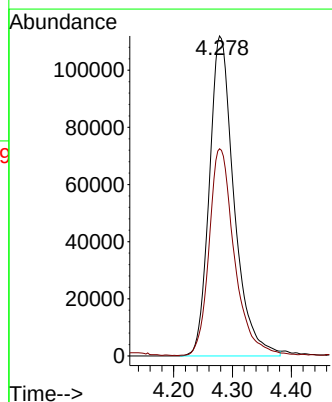
Acq: 04 Nov 2025 13:12

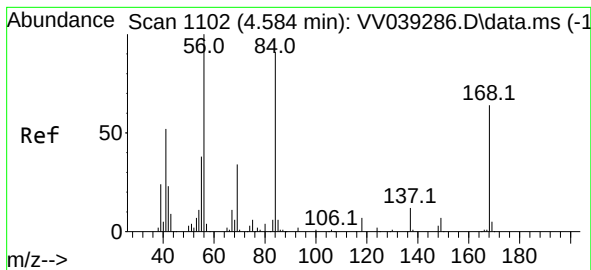
Tgt Ion: 83 Resp: 326914

Ion Ratio Lower Upper

83 100

85 64.5 51.1 76.7





#31

Cyclohexane

Concen: 18.140 ug/l

RT: 4.584 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VV039310.D

Acq: 04 Nov 2025 13:12

Instrument :

MSVOA_V

ClientSampleId :

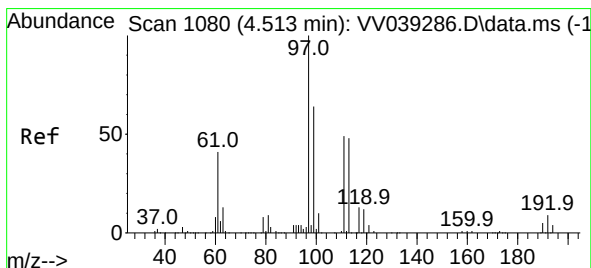
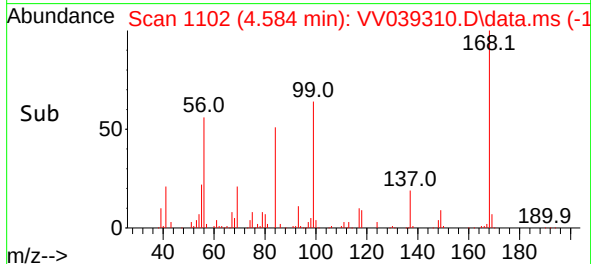
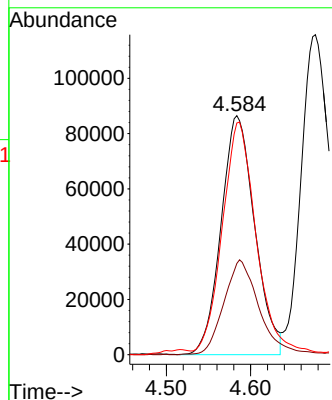
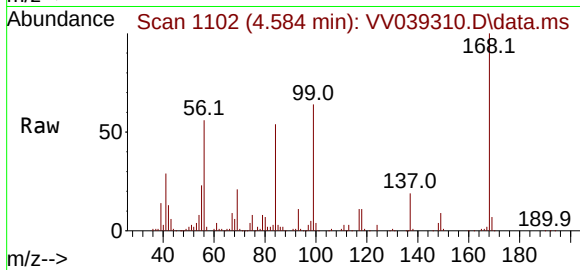
Tgt Ion: 56 Resp: 239964

Ion Ratio Lower Upper

56 100

69 38.0 27.4 41.0

84 94.7 72.8 109.2



#32

1,1,1-Trichloroethane

Concen: 17.934 ug/l

RT: 4.513 min Scan# 1080

Delta R.T. 0.000 min

Lab File: VV039310.D

Acq: 04 Nov 2025 13:12

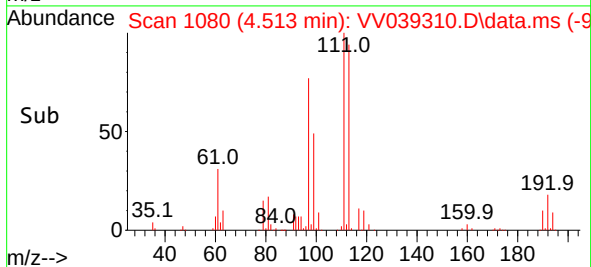
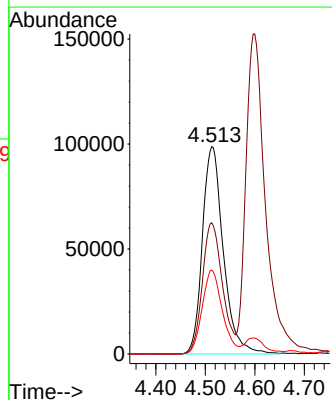
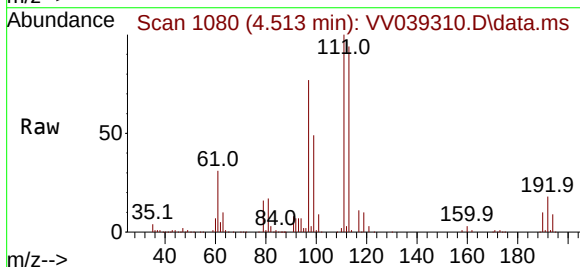
Tgt Ion: 97 Resp: 290407

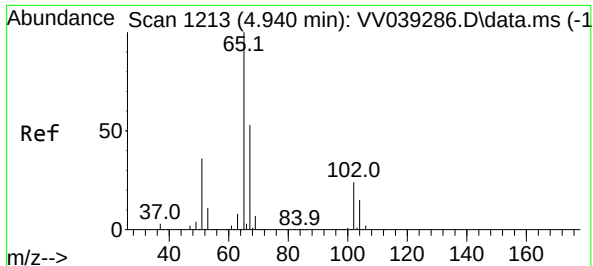
Ion Ratio Lower Upper

97 100

99 60.5 48.6 72.8

61 38.8 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 50.248 ug/l

RT: 4.940 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV039310.D

Acq: 04 Nov 2025 13:12

Instrument :

MSVOA_V

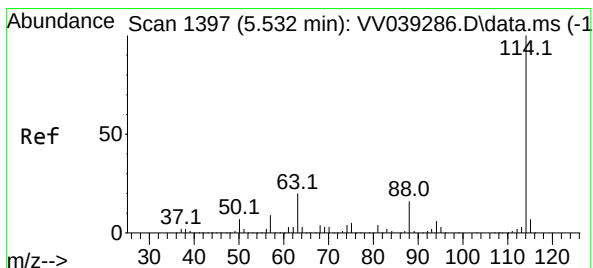
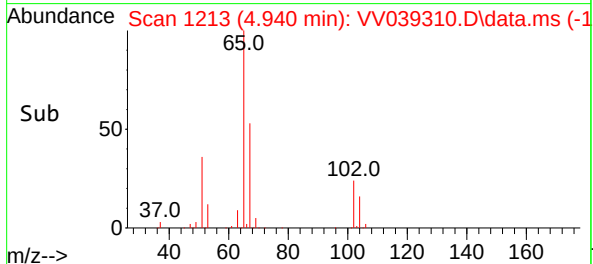
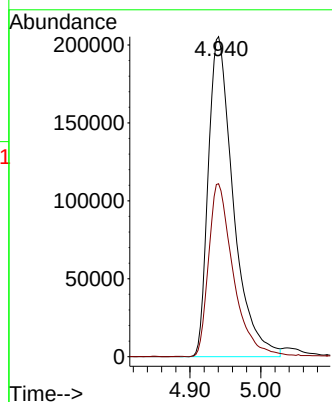
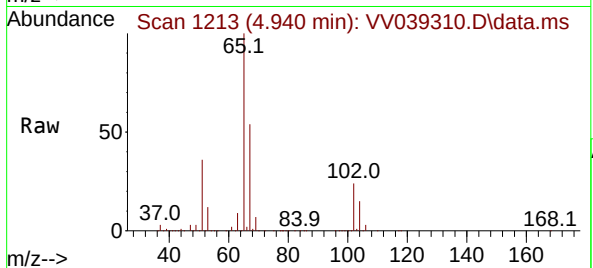
ClientSampleId :

Tgt Ion: 65 Resp: 504363

Ion Ratio Lower Upper

65 100

67 53.4 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VV039310.D

Acq: 04 Nov 2025 13:12

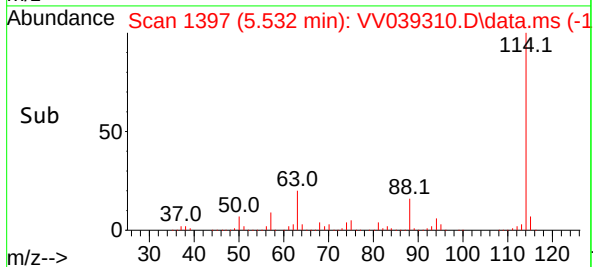
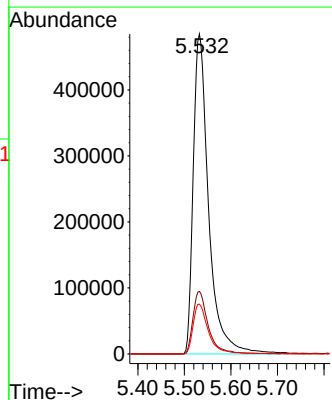
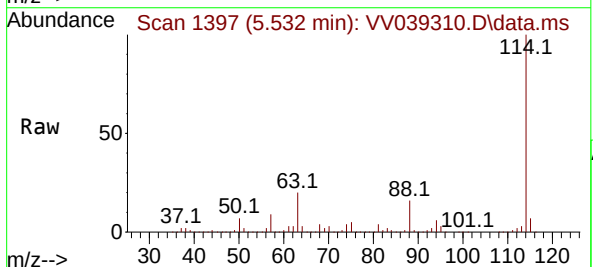
Tgt Ion: 114 Resp: 1110419

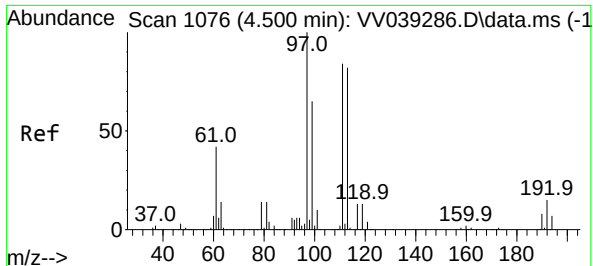
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

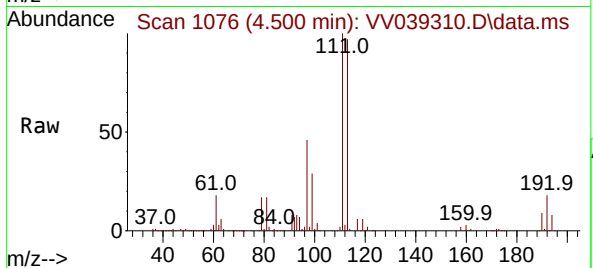
88 15.6 0.0 31.6



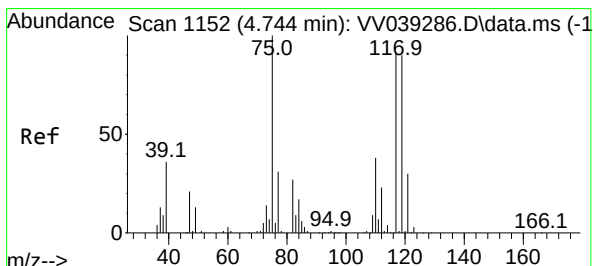
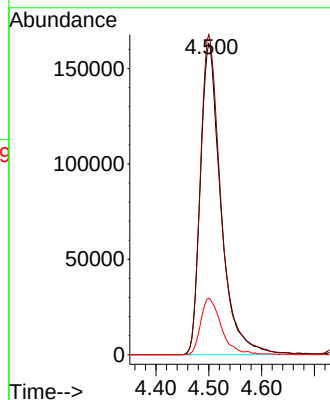
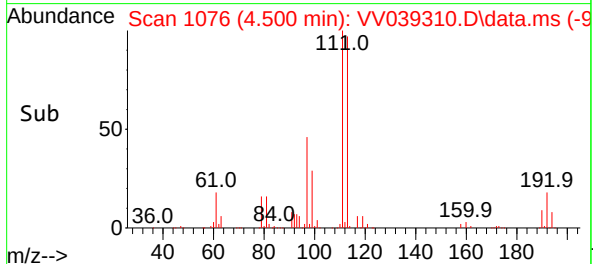


#35
Dibromofluoromethane
Concen: 50.190 ug/l
RT: 4.500 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

Instrument :
MSVOA_V
ClientSampleId :

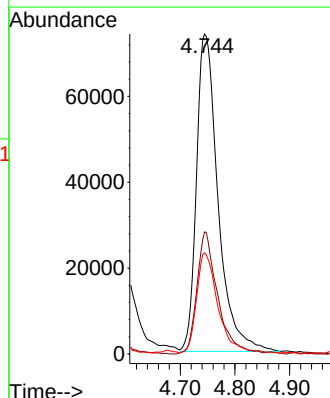
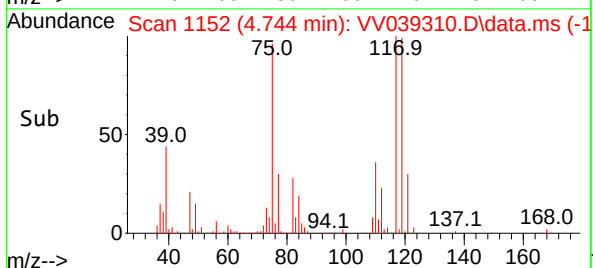
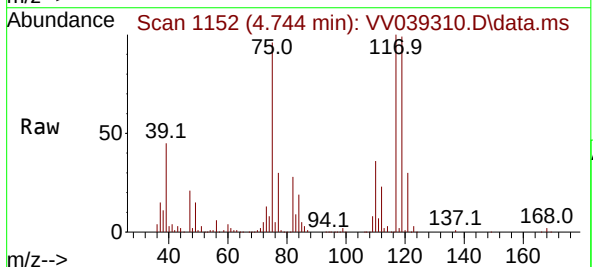


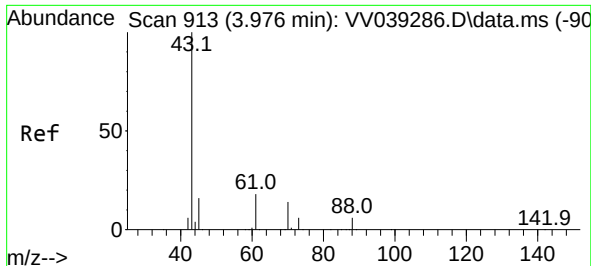
Tgt Ion:113 Resp: 439127
Ion Ratio Lower Upper
113 100
111 102.9 82.0 123.0
192 17.9 14.3 21.5



#36
1,1-Dichloropropene
Concen: 18.432 ug/l
RT: 4.744 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

Tgt Ion: 75 Resp: 202551
Ion Ratio Lower Upper
75 100
110 36.8 18.9 56.7
77 30.6 24.1 36.1

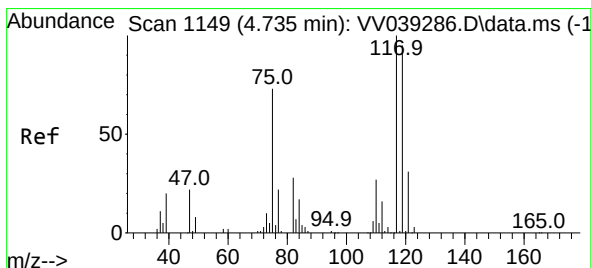
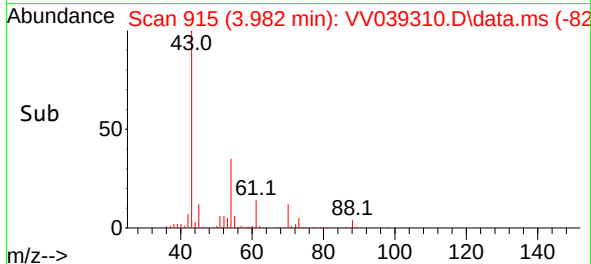
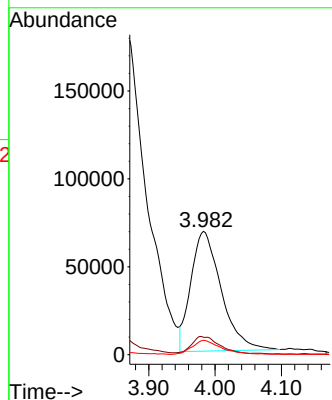
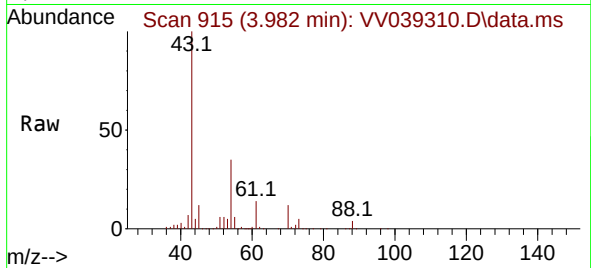




#37
Ethyl Acetate
Concen: 16.809 ug/l
RT: 3.982 min Scan# 913
Delta R.T. 0.006 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

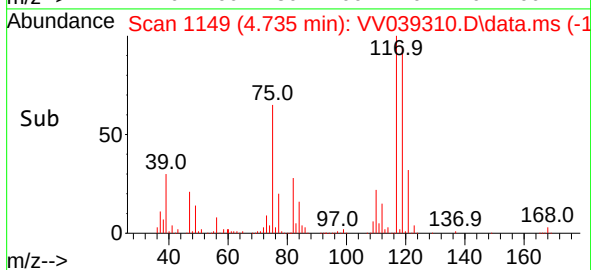
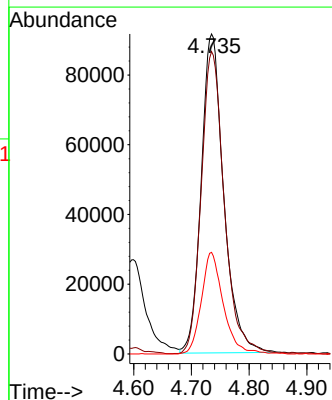
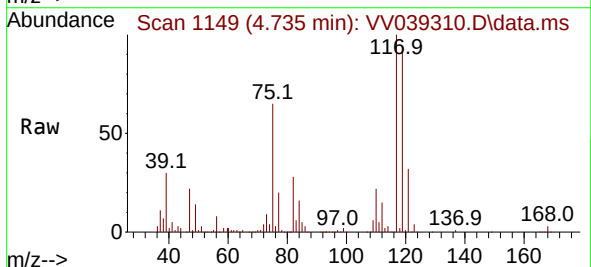
Instrument :
MSVOA_V
ClientSampleId :

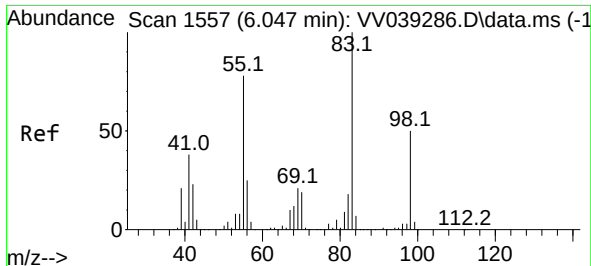
Tgt Ion: 43 Resp: 216252
Ion Ratio Lower Upper
43 100
61 12.7 12.2 18.2
70 10.9 9.0 13.4



#38
Carbon Tetrachloride
Concen: 18.511 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

Tgt Ion: 117 Resp: 247835
Ion Ratio Lower Upper
117 100
119 94.7 75.9 113.9
121 31.8 24.6 37.0

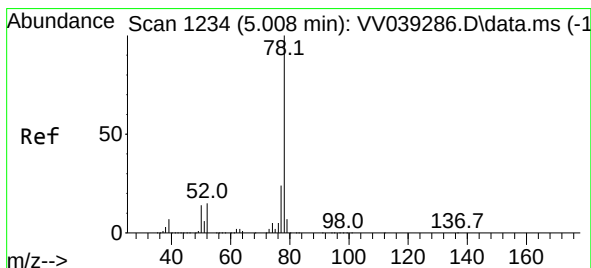
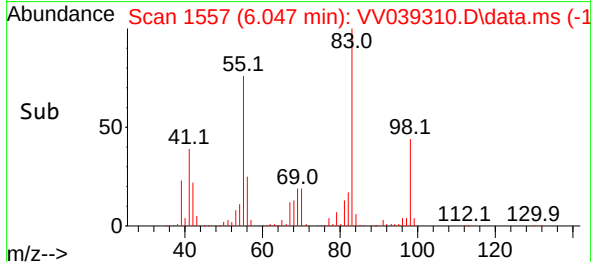
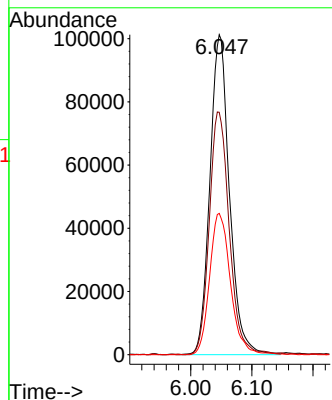
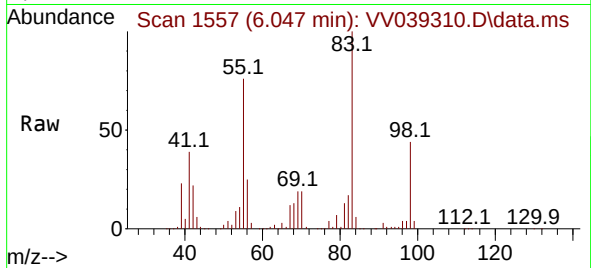




#39
Methylcyclohexane
Concen: 17.945 ug/l
RT: 6.047 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

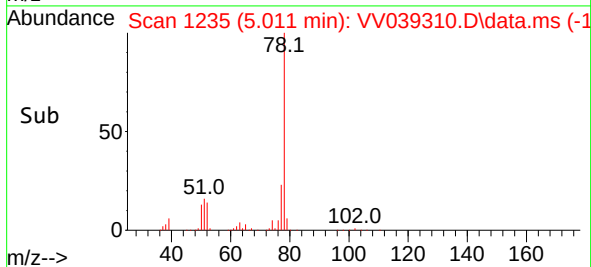
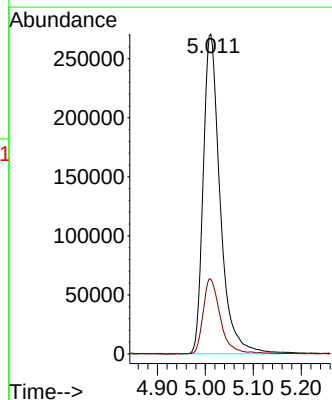
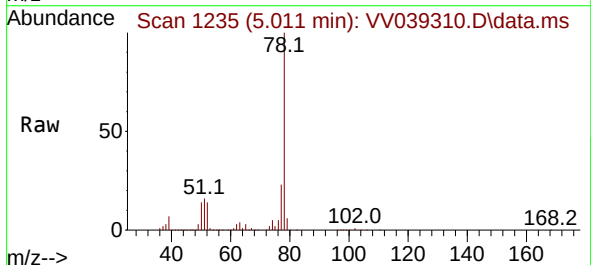
Instrument :
MSVOA_V
ClientSampleId :

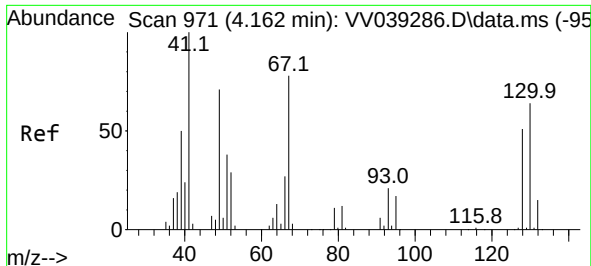
Tgt Ion: 83 Resp: 225379
Ion Ratio Lower Upper
83 100
55 75.6 62.1 93.1
98 44.2 40.2 60.4



#40
Benzene
Concen: 18.834 ug/l
RT: 5.011 min Scan# 1235
Delta R.T. 0.003 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

Tgt Ion: 78 Resp: 664122
Ion Ratio Lower Upper
78 100
77 23.4 18.9 28.3

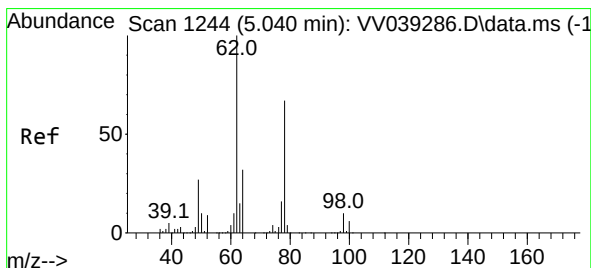
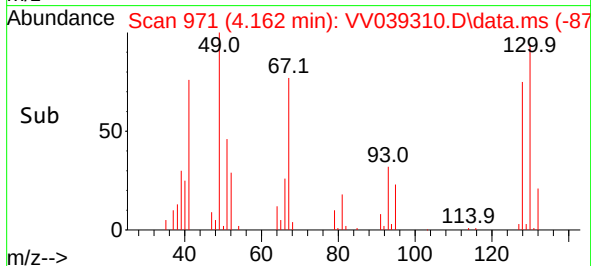
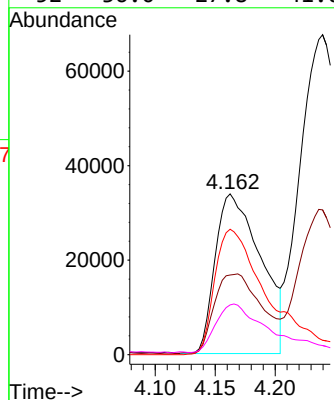
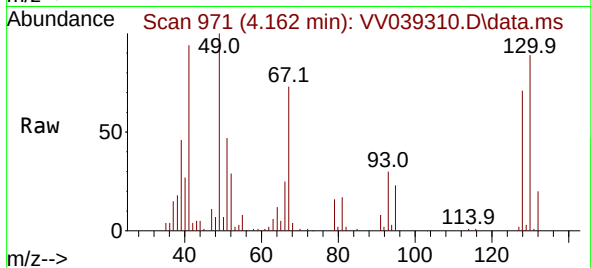




#41
Methacrylonitrile
Concen: 17.353 ug/l
RT: 4.162 min Scan# 91
Delta R.T. 0.000 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

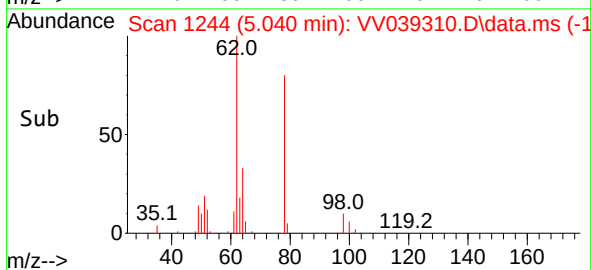
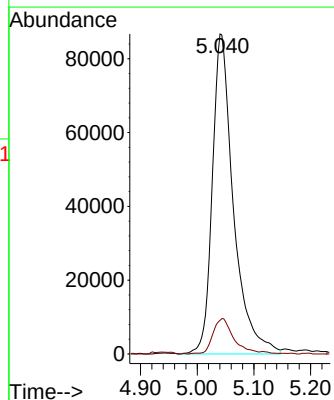
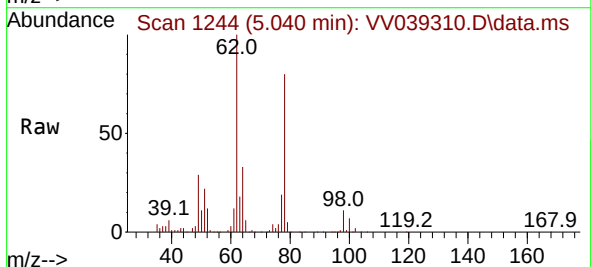
Instrument :
MSVOA_V
ClientSampleId :

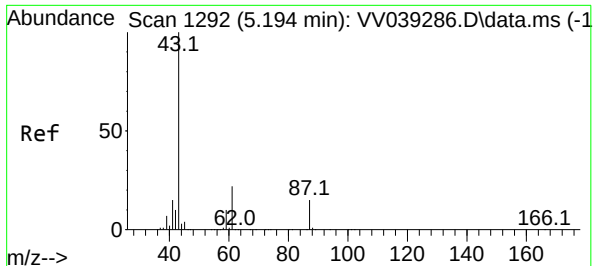
Tgt Ion:	41	Resp:	89193
Ion	Ratio	Lower	Upper
41	100		
39	51.5	40.9	61.3
67	98.1	73.1	109.7
52	36.0	27.8	41.6



#42
1,2-Dichloroethane
Concen: 18.173 ug/l
RT: 5.040 min Scan# 1244
Delta R.T. 0.000 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

Tgt Ion:	62	Resp:	224904
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.0

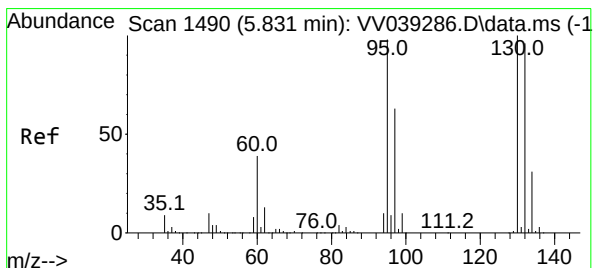
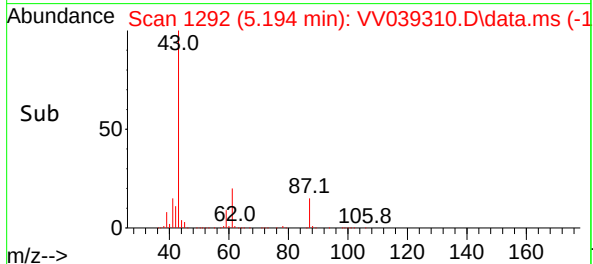
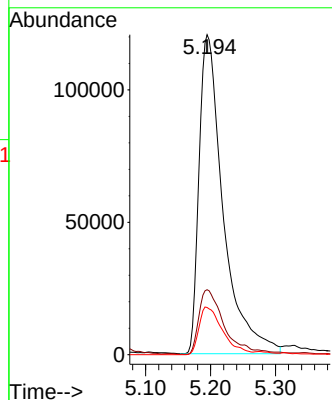
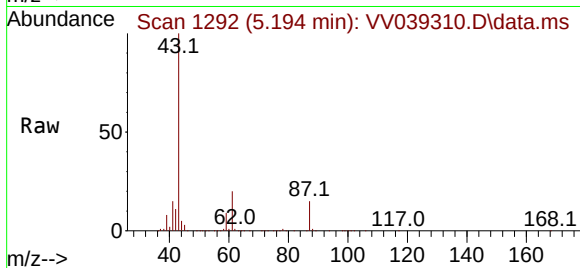




#43
Isopropyl Acetate
Concen: 18.494 ug/l
RT: 5.194 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

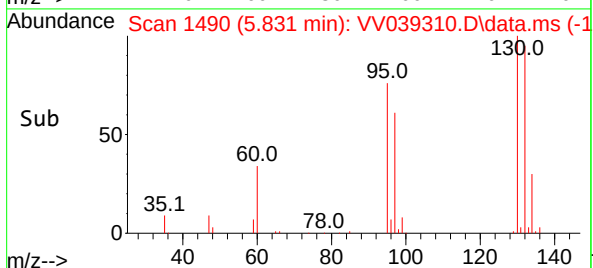
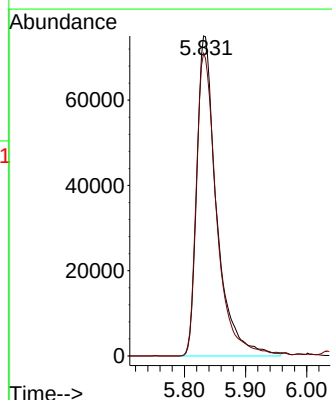
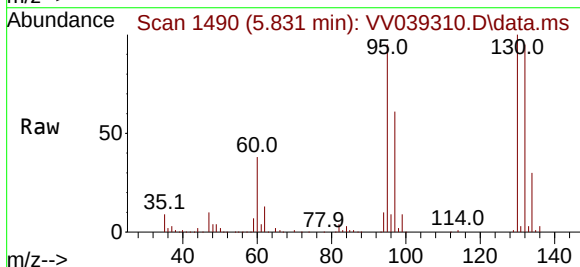
Instrument :
MSVOA_V
ClientSampleId :

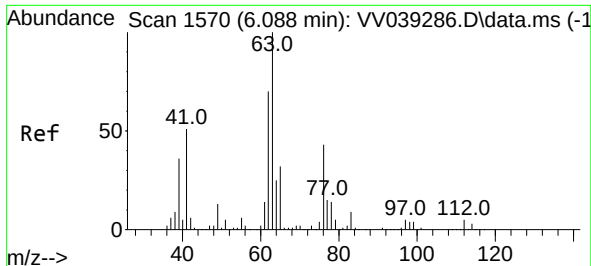
Tgt Ion: 43 Resp: 311494
Ion Ratio Lower Upper
43 100
61 21.6 17.1 25.7
87 14.7 11.5 17.3



#44
Trichloroethene
Concen: 19.034 ug/l
RT: 5.831 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

Tgt Ion:130 Resp: 168787
Ion Ratio Lower Upper
130 100
95 94.6 0.0 196.6





#45

1,2-Dichloropropane

Concen: 18.482 ug/l

RT: 6.088 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV039310.D

Acq: 04 Nov 2025 13:12

Instrument :

MSVOA_V

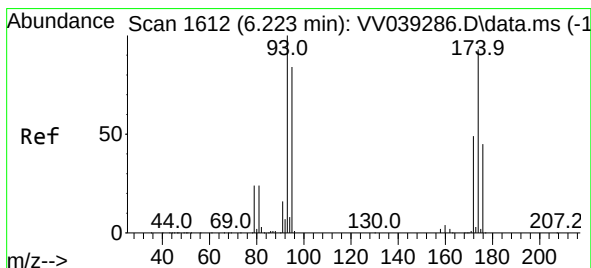
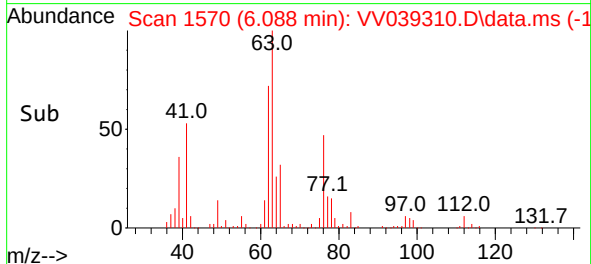
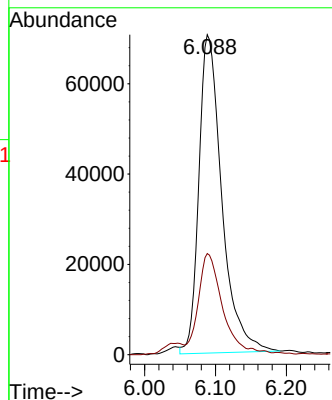
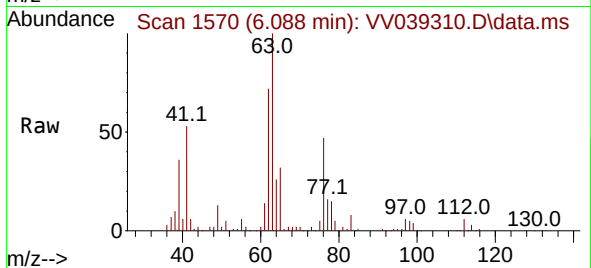
ClientSampleId :

Tgt Ion: 63 Resp: 158585

Ion Ratio Lower Upper

63 100

65 31.3 25.4 38.2



#46

Dibromomethane

Concen: 18.009 ug/l

RT: 6.227 min Scan# 1613

Delta R.T. 0.003 min

Lab File: VV039310.D

Acq: 04 Nov 2025 13:12

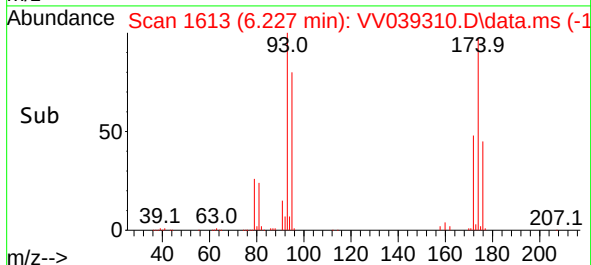
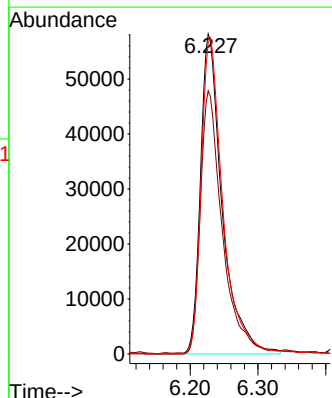
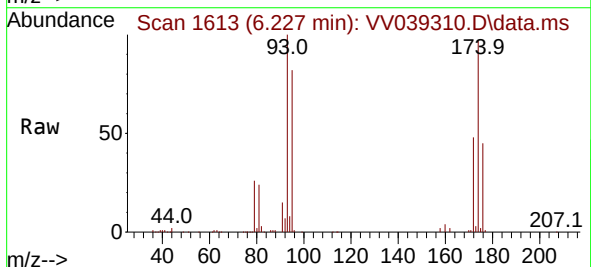
Tgt Ion: 93 Resp: 129164

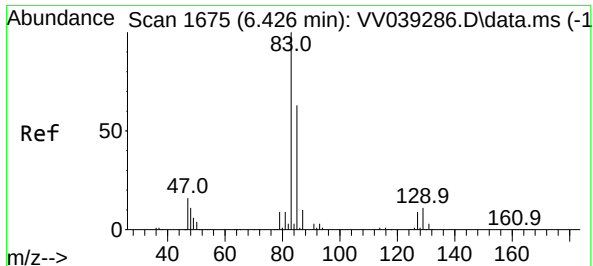
Ion Ratio Lower Upper

93 100

95 81.7 65.6 98.4

174 98.6 74.6 112.0

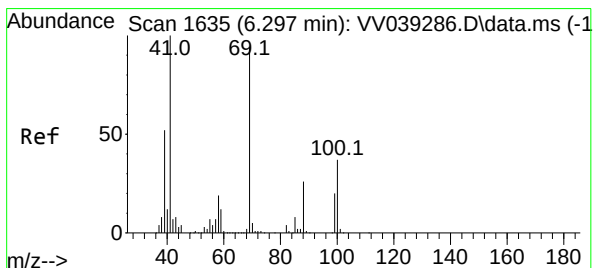
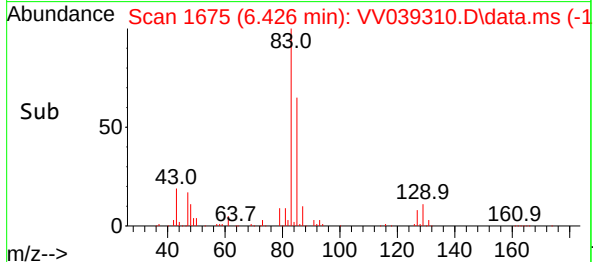
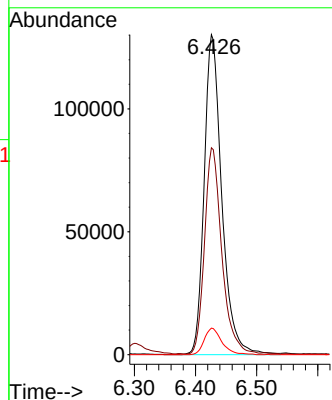
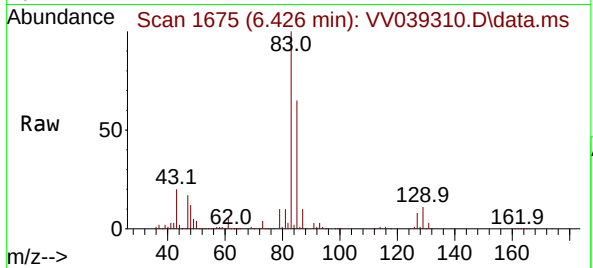




#47
Bromodichloromethane
Concen: 18.491 ug/l
RT: 6.426 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

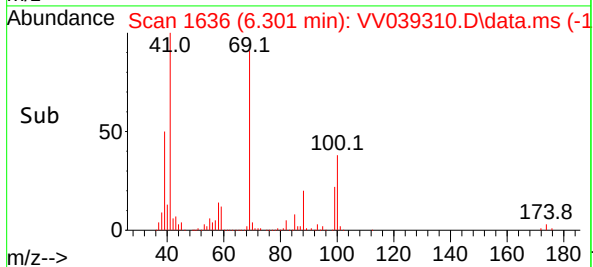
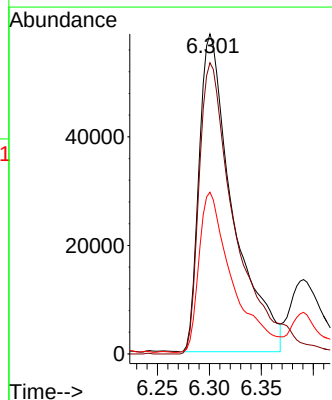
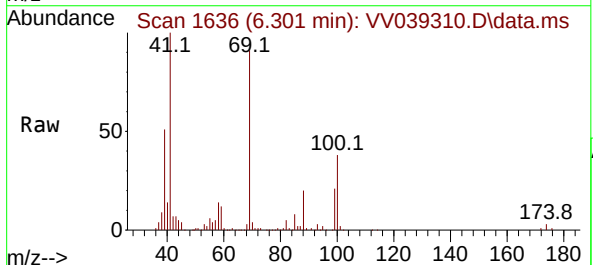
Instrument :
MSVOA_V
ClientSampleId :

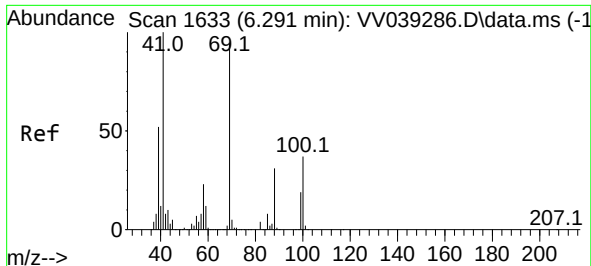
Tgt Ion: 83 Resp: 261312
Ion Ratio Lower Upper
83 100
85 64.4 50.9 76.3
127 8.3 7.0 10.6



#48
Methyl methacrylate
Concen: 16.912 ug/l
RT: 6.301 min Scan# 1636
Delta R.T. 0.003 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

Tgt Ion: 41 Resp: 131960
Ion Ratio Lower Upper
41 100
69 99.9 77.2 115.8
39 50.1 41.4 62.0





#49

1,4-Dioxane

Concen: 199.594 ug/l

RT: 6.297 min Scan# 1

Delta R.T. 0.006 min

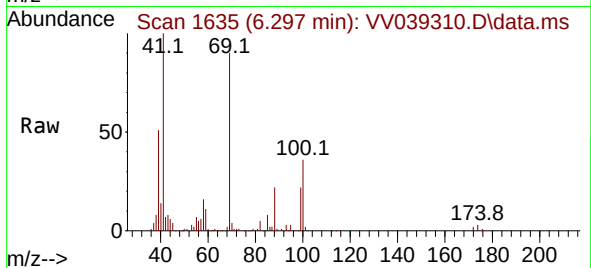
Lab File: VV039310.D

Acq: 04 Nov 2025 13:12

Instrument :

MSVOA_V

ClientSampleId :



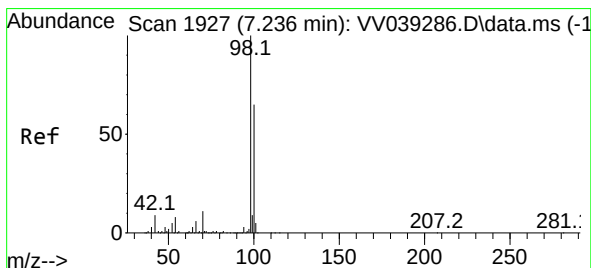
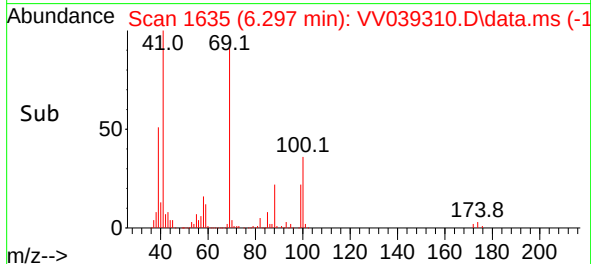
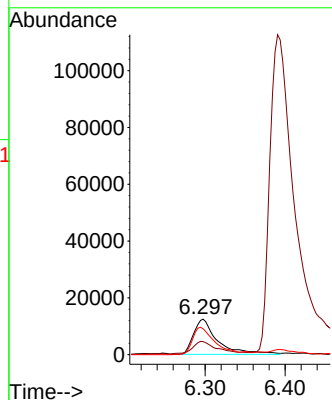
Tgt Ion: 88 Resp: 25908

Ion Ratio Lower Upper

88 100

43 35.9 24.1 36.1

58 71.3 57.6 86.4



#50

Toluene-d8

Concen: 52.505 ug/l

RT: 7.233 min Scan# 1926

Delta R.T. -0.003 min

Lab File: VV039310.D

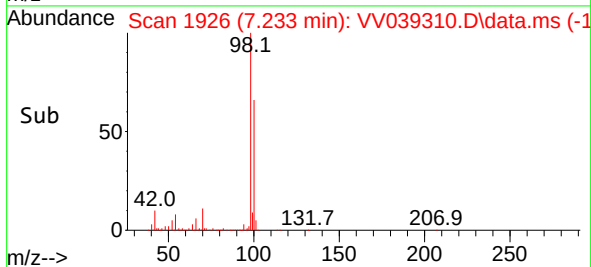
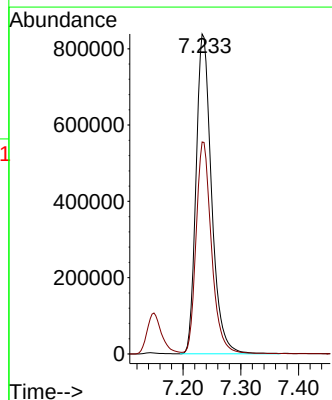
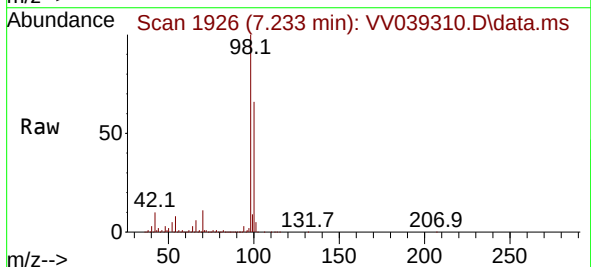
Acq: 04 Nov 2025 13:12

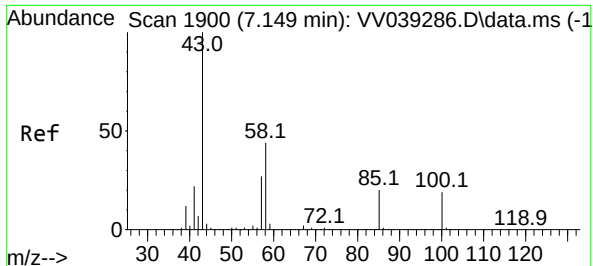
Tgt Ion: 98 Resp: 1562786

Ion Ratio Lower Upper

98 100

100 65.7 52.8 79.2

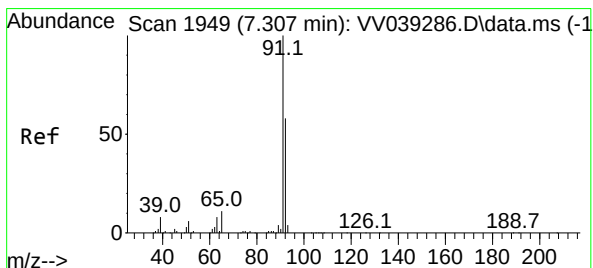
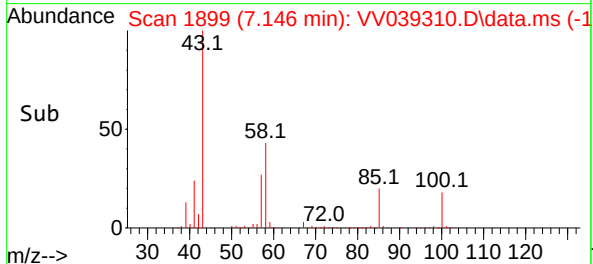
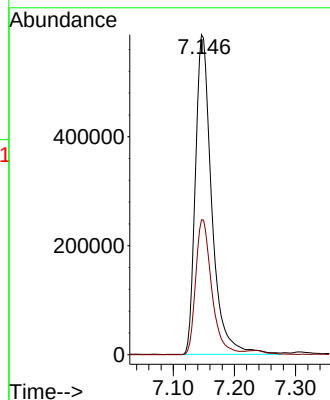
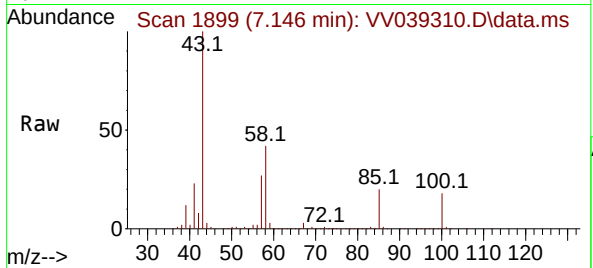




#51
4-Methyl-2-Pentanone
Concen: 93.404 ug/l
RT: 7.146 min Scan# 1899
Delta R.T. -0.003 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

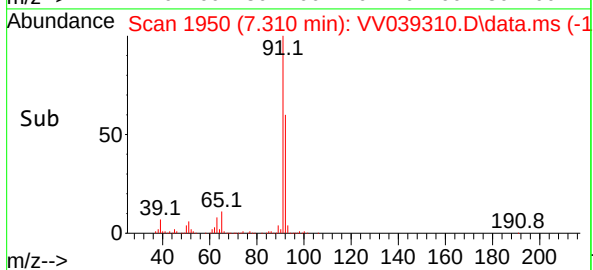
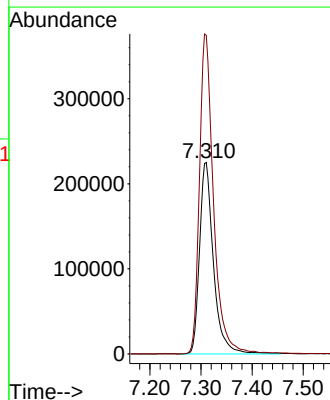
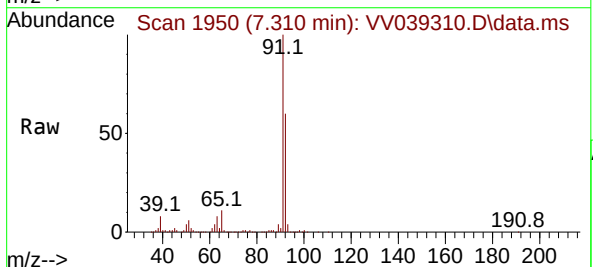
Instrument :
MSVOA_V
ClientSampleId :

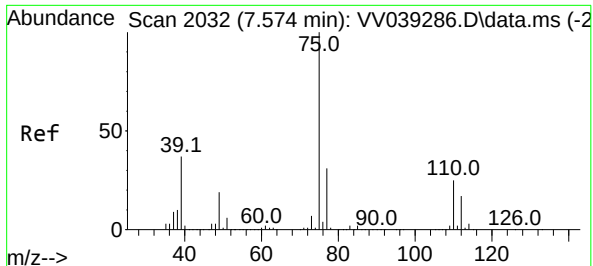
Tgt Ion: 43 Resp: 1091455
Ion Ratio Lower Upper
43 100
58 41.6 34.2 51.4



#52
Toluene
Concen: 20.005 ug/l
RT: 7.310 min Scan# 1950
Delta R.T. 0.003 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

Tgt Ion: 92 Resp: 425923
Ion Ratio Lower Upper
92 100
91 168.5 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 19.318 ug/l

RT: 7.574 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VV039310.D

Acq: 04 Nov 2025 13:12

Instrument :

MSVOA_V

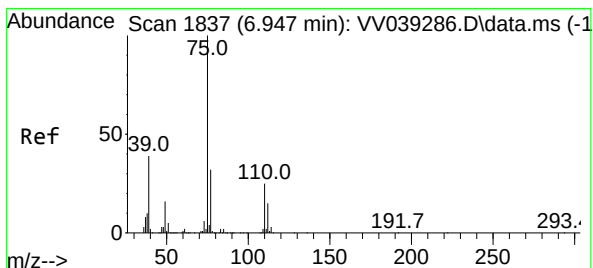
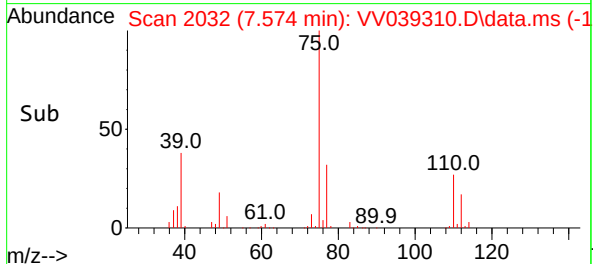
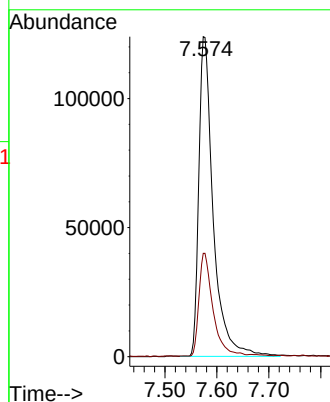
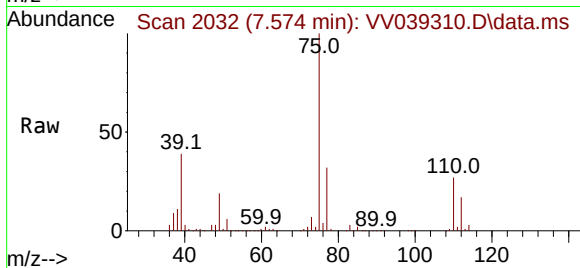
ClientSampleId :

Tgt Ion: 75 Resp: 238584

Ion Ratio Lower Upper

75 100

77 32.1 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 19.562 ug/l

RT: 6.950 min Scan# 1838

Delta R.T. 0.003 min

Lab File: VV039310.D

Acq: 04 Nov 2025 13:12

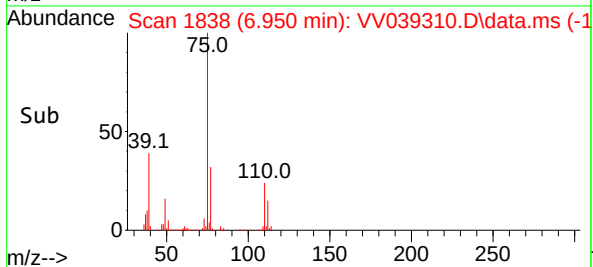
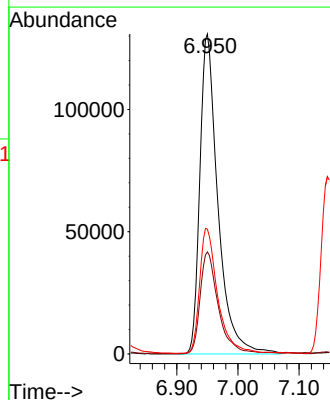
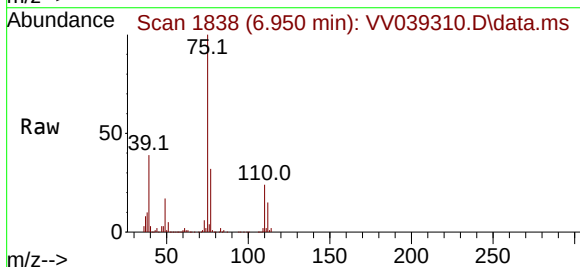
Tgt Ion: 75 Resp: 268605

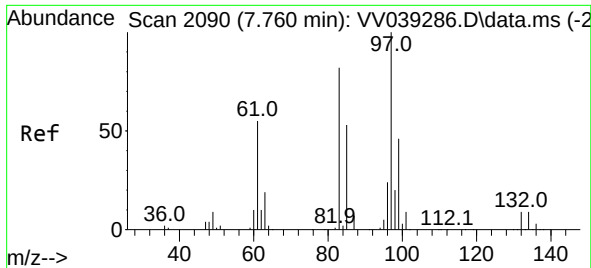
Ion Ratio Lower Upper

75 100

77 31.8 25.6 38.4

39 38.8 31.0 46.6

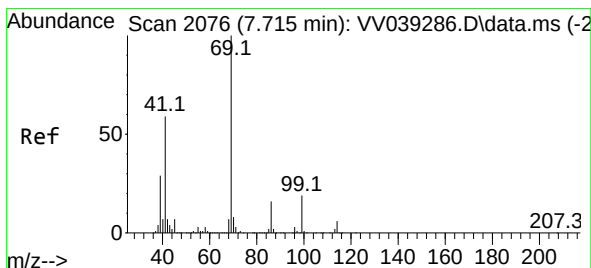
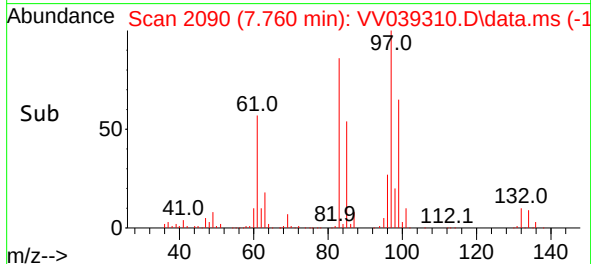
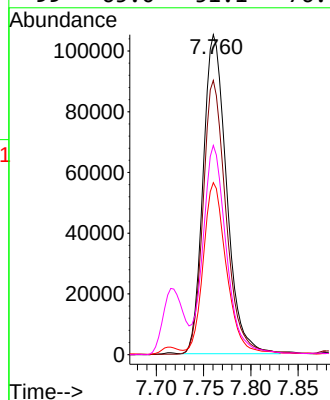
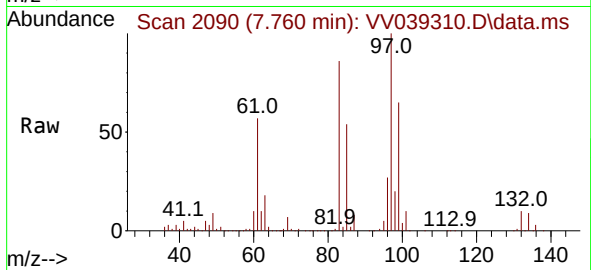




#55
 1,1,2-Trichloroethane
 Concen: 18.844 ug/l
 RT: 7.760 min Scan# 2090
 Delta R.T. 0.000 min
 Lab File: VV039310.D
 Acq: 04 Nov 2025 13:12

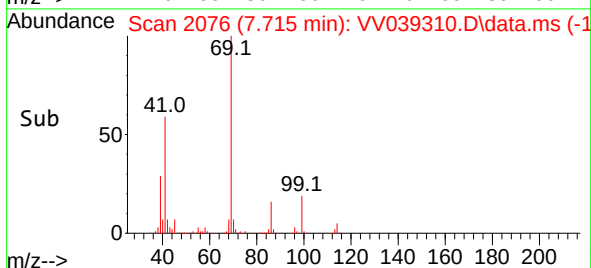
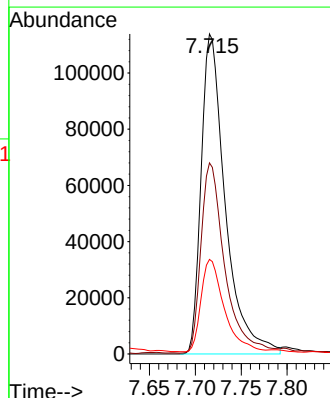
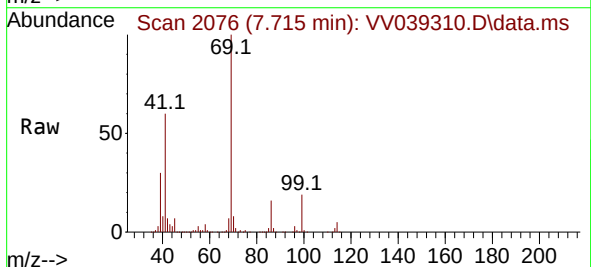
Instrument :
 MSVOA_V
 ClientSampleId :

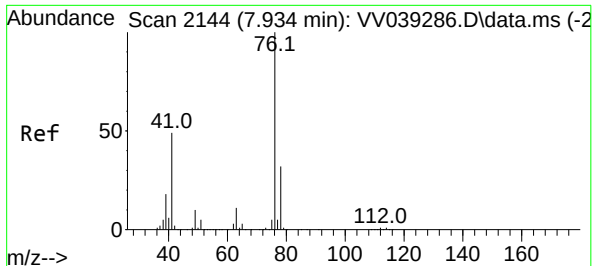
Tgt Ion: 97	Resp: 181167
Ion Ratio	Lower Upper
97 100	
83 85.7	65.8 98.8
85 53.4	43.3 64.9
99 65.0	51.1 76.7



#56
 Ethyl methacrylate
 Concen: 19.180 ug/l
 RT: 7.715 min Scan# 2076
 Delta R.T. 0.000 min
 Lab File: VV039310.D
 Acq: 04 Nov 2025 13:12

Tgt Ion: 69	Resp: 208906
Ion Ratio	Lower Upper
69 100	
41 58.5	47.1 70.7
39 27.6	23.2 34.8





#57

1,3-Dichloropropane

Concen: 19.456 ug/l

RT: 7.934 min Scan# 2144

Delta R.T. 0.000 min

Lab File: VV039310.D

Acq: 04 Nov 2025 13:12

Instrument :

MSVOA_V

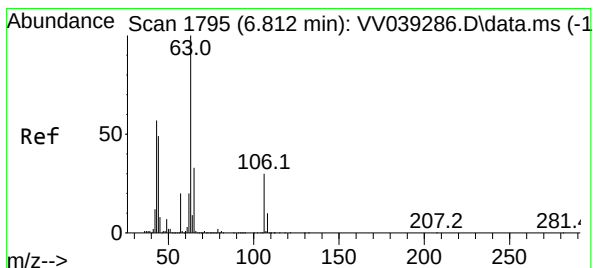
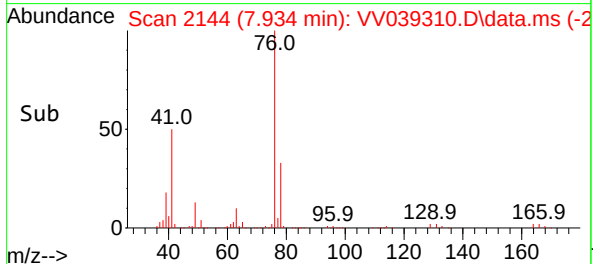
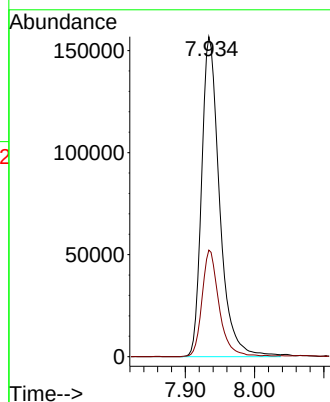
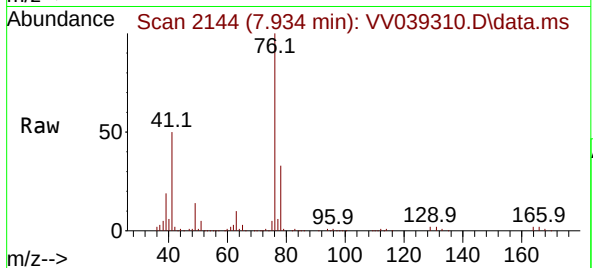
ClientSampleId :

Tgt Ion: 76 Resp: 282261

Ion Ratio Lower Upper

76 100

78 31.6 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 97.962 ug/l

RT: 6.812 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VV039310.D

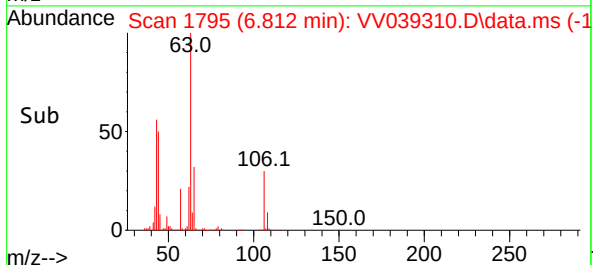
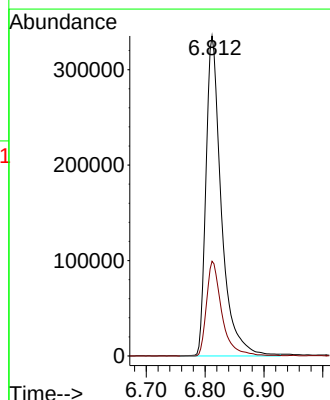
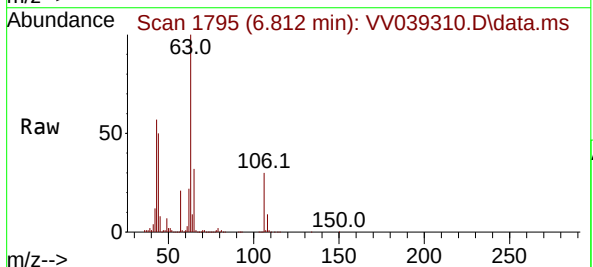
Acq: 04 Nov 2025 13:12

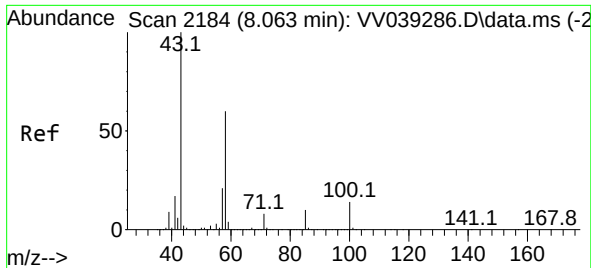
Tgt Ion: 63 Resp: 610540

Ion Ratio Lower Upper

63 100

106 29.5 23.5 35.3

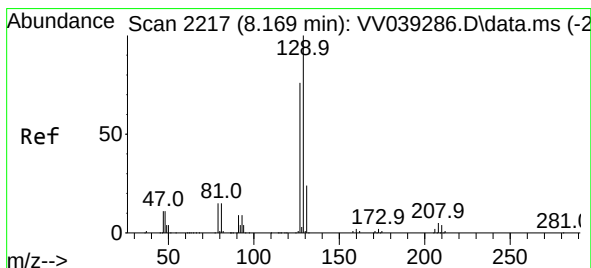
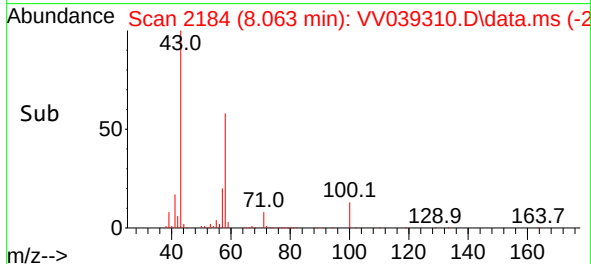
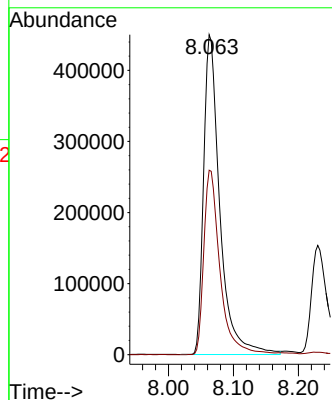
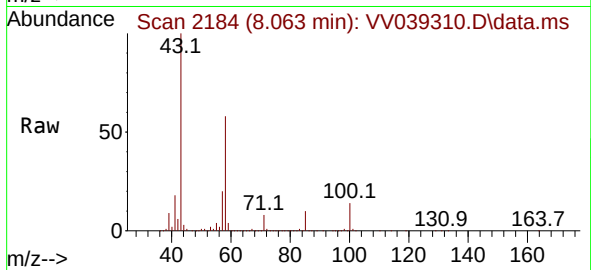




#59
2-Hexanone
Concen: 91.062 ug/l
RT: 8.063 min Scan# 2184
Delta R.T. 0.000 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

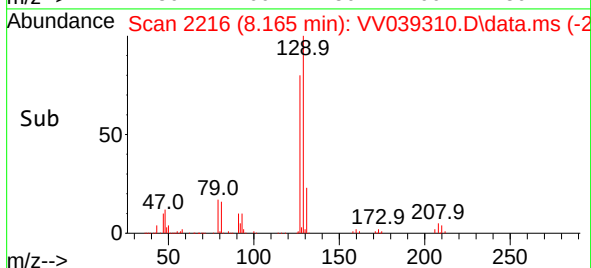
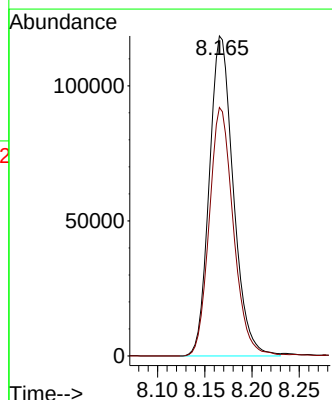
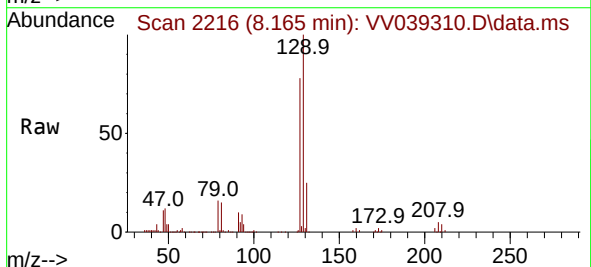
Instrument :
MSVOA_V
ClientSampleId :

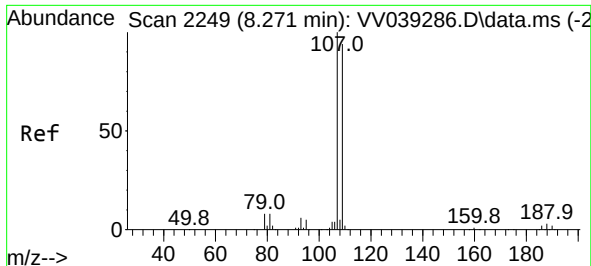
Tgt Ion: 43 Resp: 781191
Ion Ratio Lower Upper
43 100
58 57.8 29.6 88.9



#60
Dibromochloromethane
Concen: 18.652 ug/l
RT: 8.165 min Scan# 2216
Delta R.T. -0.003 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

Tgt Ion: 129 Resp: 209660
Ion Ratio Lower Upper
129 100
127 77.9 38.4 115.1





#61

1,2-Dibromoethane

Concen: 18.932 ug/l

RT: 8.275 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV039310.D

Acq: 04 Nov 2025 13:12

Instrument :

MSVOA_V

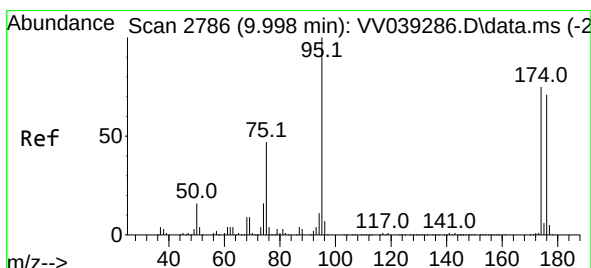
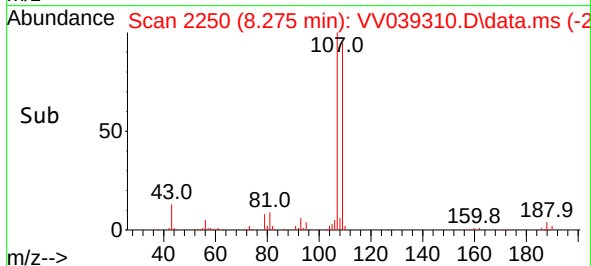
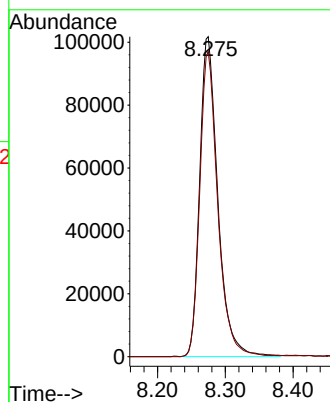
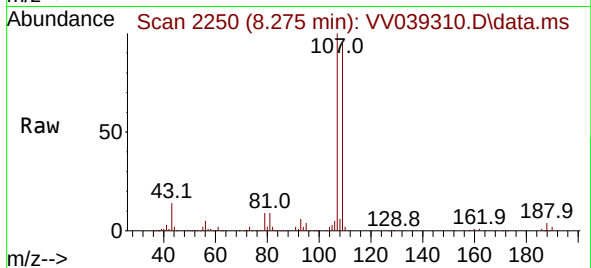
ClientSampleId :

Tgt Ion:107 Resp: 189522

Ion Ratio Lower Upper

107 100

109 94.3 75.8 113.6



#62

4-Bromofluorobenzene

Concen: 53.478 ug/l

RT: 9.998 min Scan# 2786

Delta R.T. 0.000 min

Lab File: VV039310.D

Acq: 04 Nov 2025 13:12

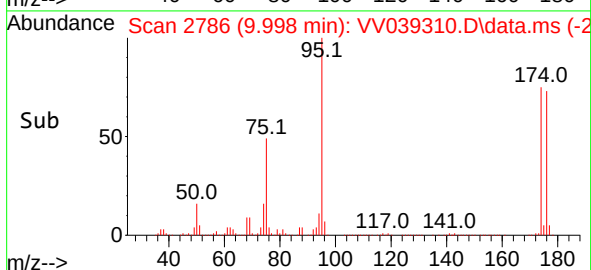
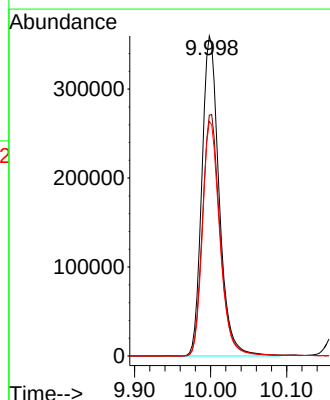
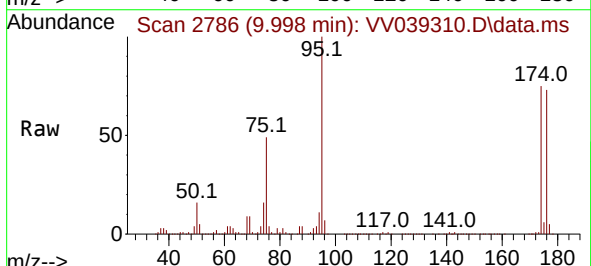
Tgt Ion: 95 Resp: 566888

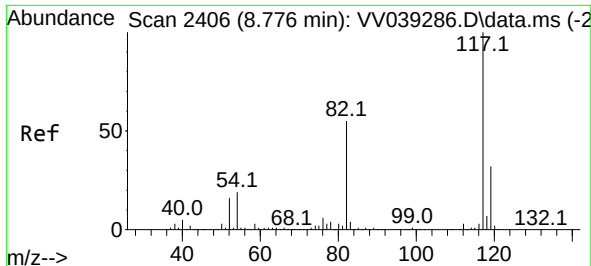
Ion Ratio Lower Upper

95 100

174 77.2 0.0 153.6

176 73.9 0.0 146.0

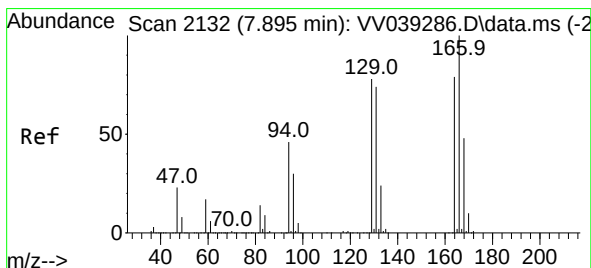
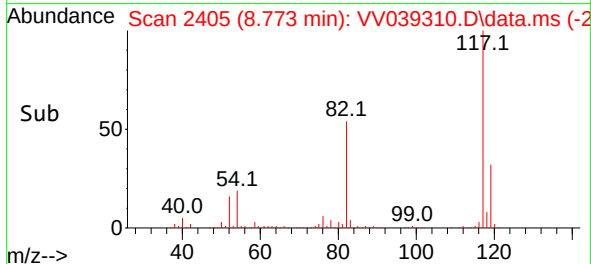
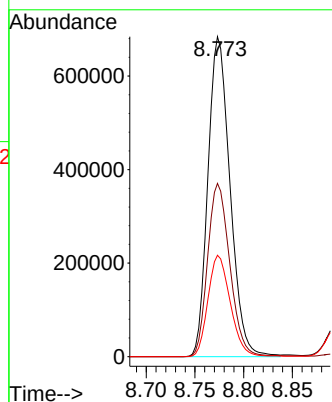
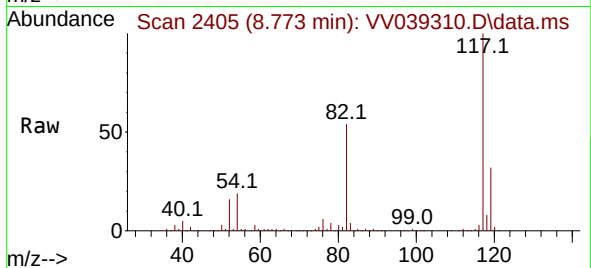




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2405
Delta R.T. -0.003 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

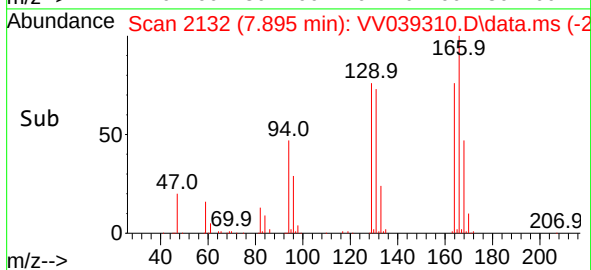
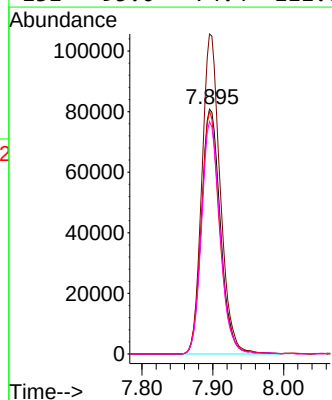
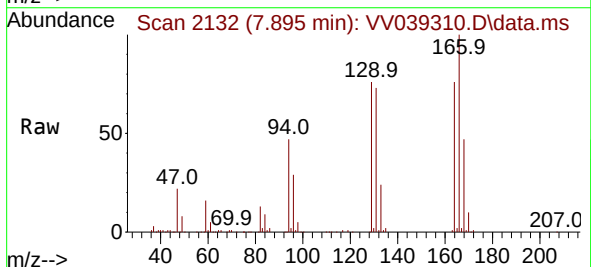
Instrument :
MSVOA_V
ClientSampleId :

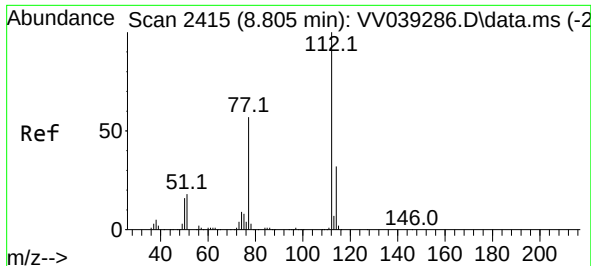
Tgt Ion:117 Resp: 1079972
Ion Ratio Lower Upper
117 100
82 54.1 43.8 65.8
119 31.7 25.8 38.6



#64
Tetrachloroethene
Concen: 19.006 ug/l
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

Tgt Ion:164 Resp: 149728
Ion Ratio Lower Upper
164 100
166 130.8 101.0 151.6
129 99.4 79.0 118.6
131 95.0 74.4 111.6

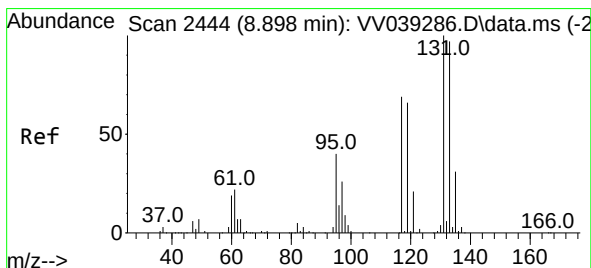
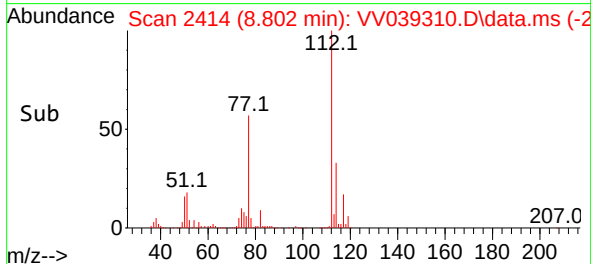
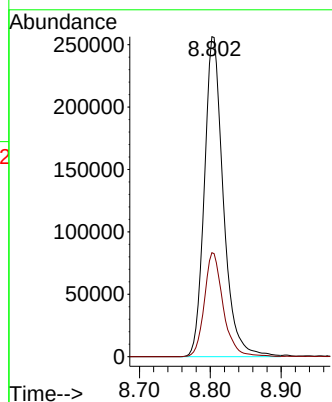
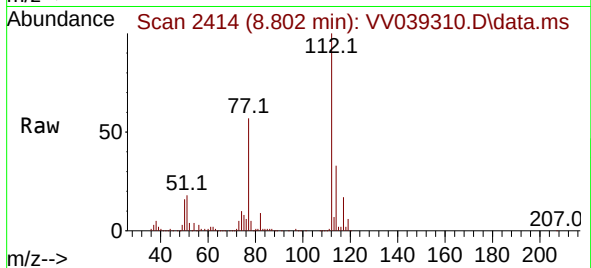




#65
Chlorobenzene
Concen: 18.659 ug/l
RT: 8.802 min Scan# 2415
Delta R.T. -0.003 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

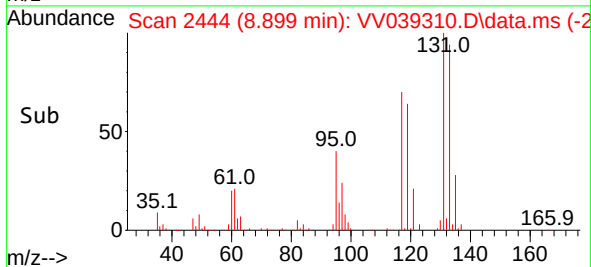
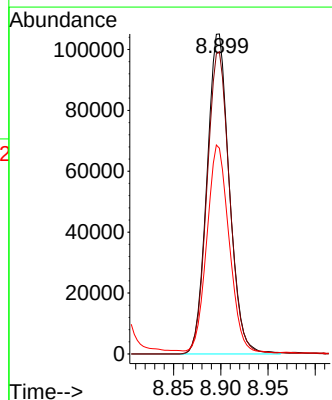
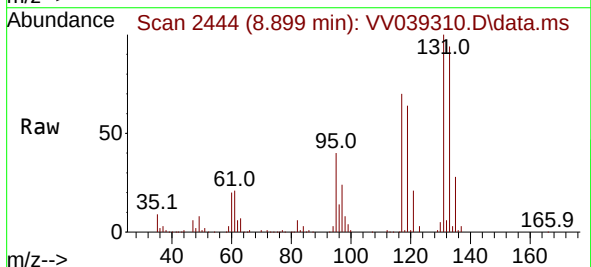
Instrument :
MSVOA_V
ClientSampleId :

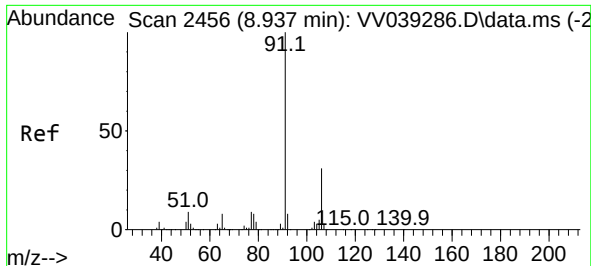
Tgt Ion:112 Resp: 477053
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 18.090 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.000 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

Tgt Ion:131 Resp: 173236
Ion Ratio Lower Upper
131 100
133 95.7 47.8 143.3
119 65.0 32.7 98.1

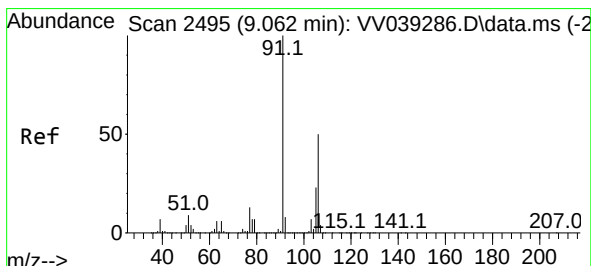
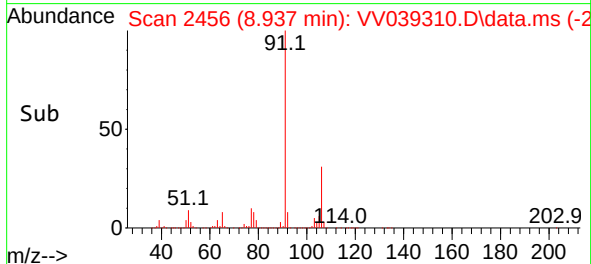
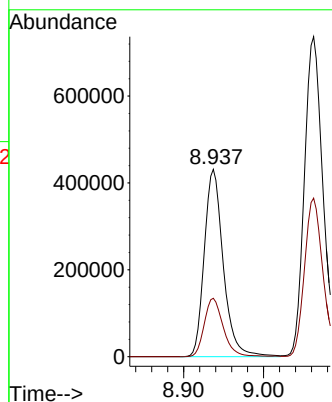
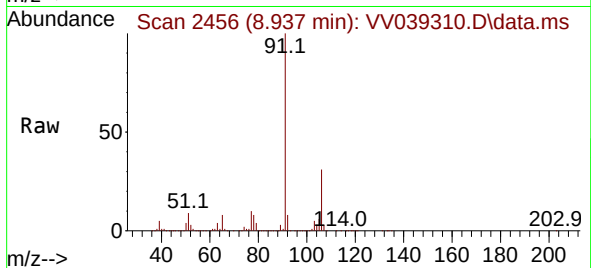




#67
Ethyl Benzene
Concen: 18.975 ug/l
RT: 8.937 min Scan# 2456
Delta R.T. 0.000 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

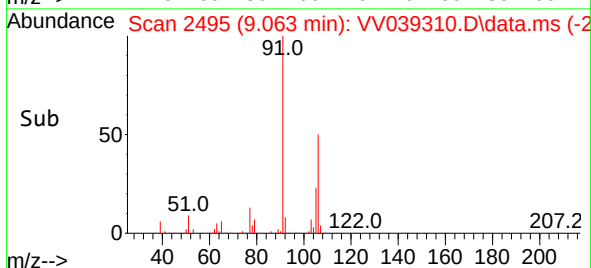
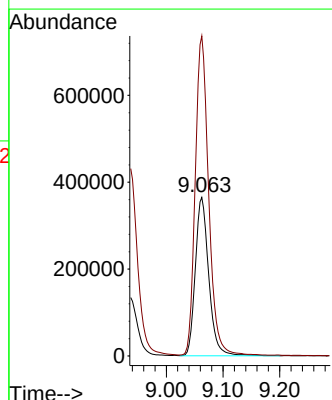
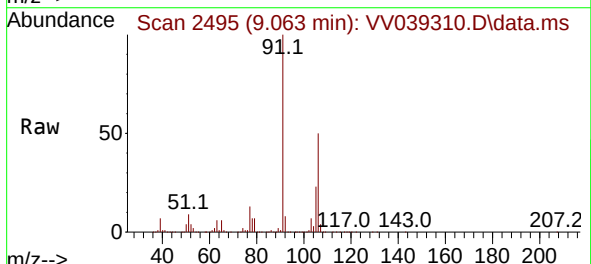
Instrument :
MSVOA_V
ClientSampleId :

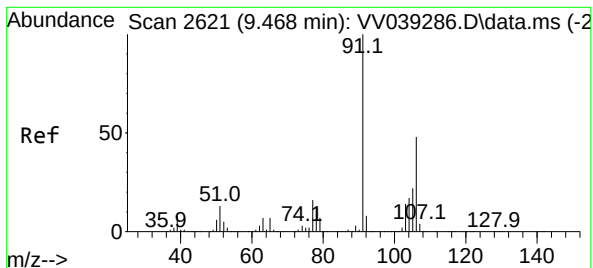
Tgt Ion: 91 Resp: 714598
Ion Ratio Lower Upper
91 100
106 31.2 24.6 37.0



#68
m/p-Xylenes
Concen: 40.166 ug/l
RT: 9.063 min Scan# 2495
Delta R.T. 0.000 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

Tgt Ion:106 Resp: 599953
Ion Ratio Lower Upper
106 100
91 201.1 160.2 240.2





#69

o-Xylene

Concen: 19.346 ug/l

RT: 9.468 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV039310.D

Acq: 04 Nov 2025 13:12

Instrument :

MSVOA_V

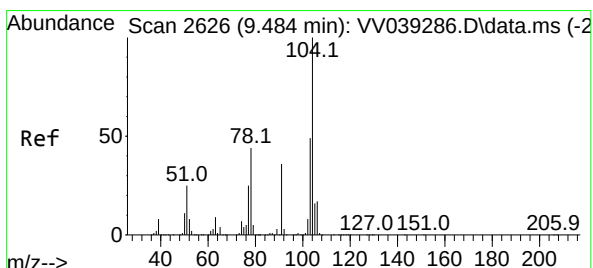
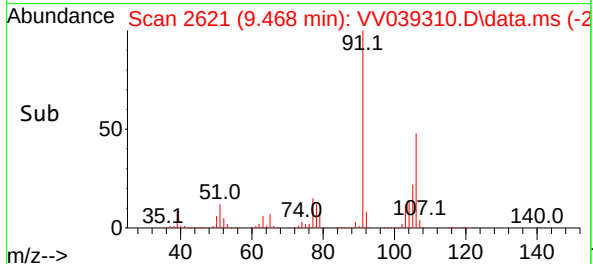
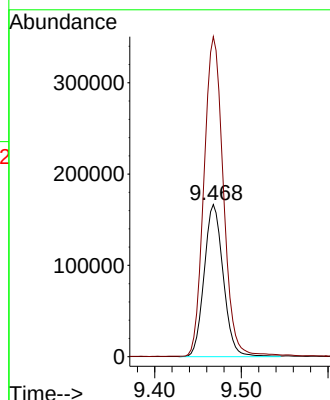
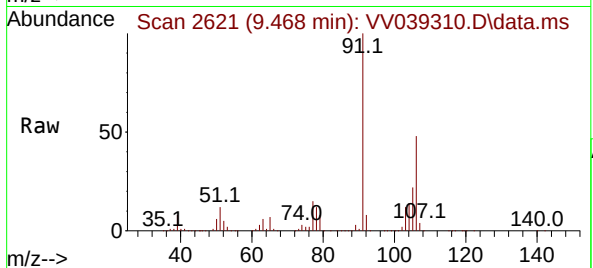
ClientSampleId :

Tgt Ion:106 Resp: 255191

Ion Ratio Lower Upper

106 100

91 213.0 105.8 317.3



#70

Styrene

Concen: 20.178 ug/l

RT: 9.487 min Scan# 2627

Delta R.T. 0.003 min

Lab File: VV039310.D

Acq: 04 Nov 2025 13:12

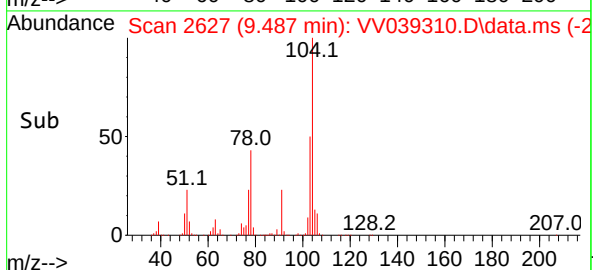
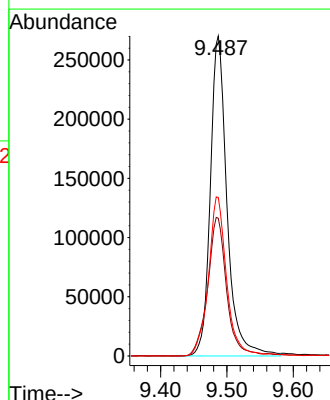
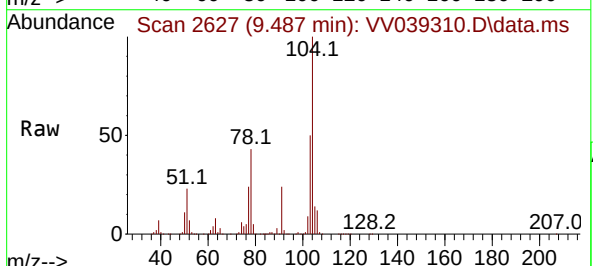
Tgt Ion:104 Resp: 473582

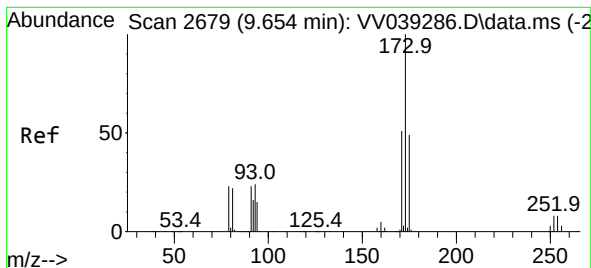
Ion Ratio Lower Upper

104 100

78 48.8 38.9 58.3

103 53.8 42.9 64.3





#71

Bromoform

Concen: 18.787 ug/l

RT: 9.654 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV039310.D

Acq: 04 Nov 2025 13:12

Instrument :

MSVOA_V

ClientSampleId :

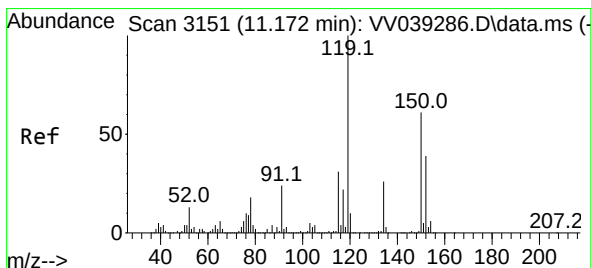
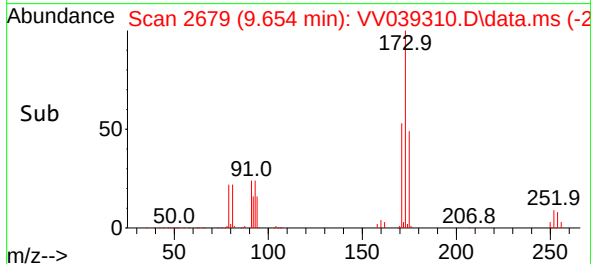
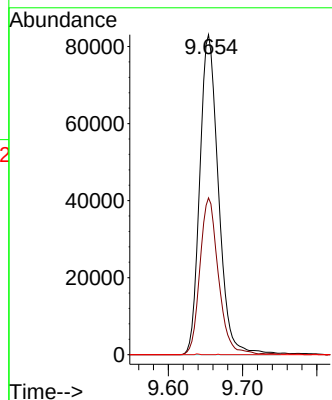
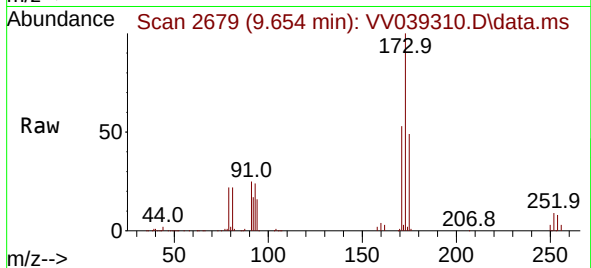
Tgt Ion:173 Resp: 145493

Ion Ratio Lower Upper

173 100

175 48.4 24.6 73.6

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VV039310.D

Acq: 04 Nov 2025 13:12

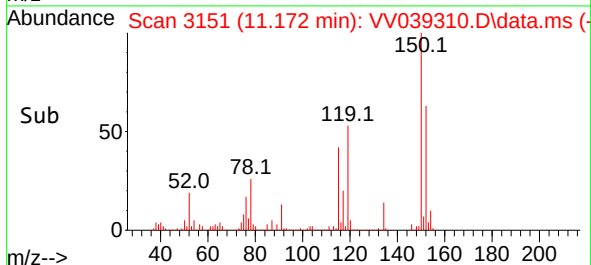
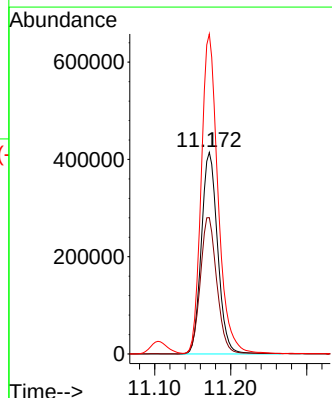
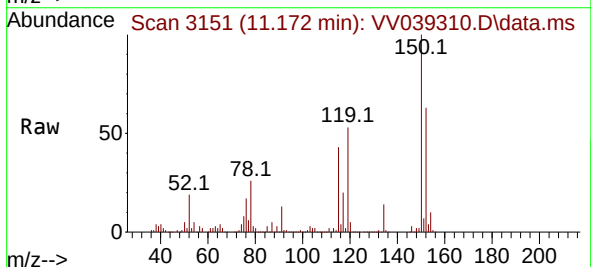
Tgt Ion:152 Resp: 618050

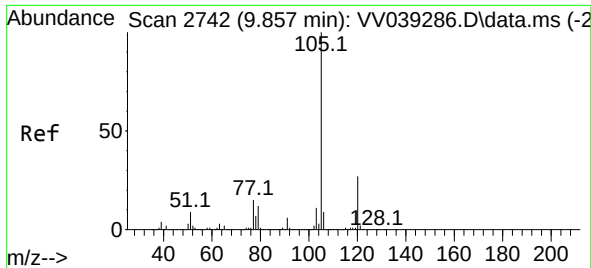
Ion Ratio Lower Upper

152 100

115 68.3 42.3 126.8

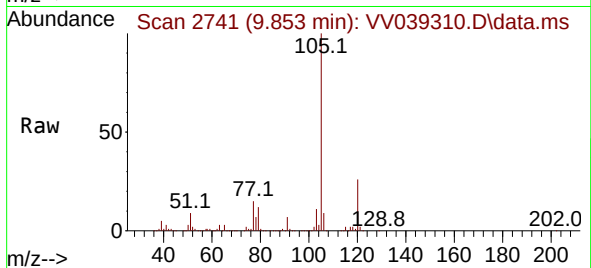
150 163.2 0.0 348.0



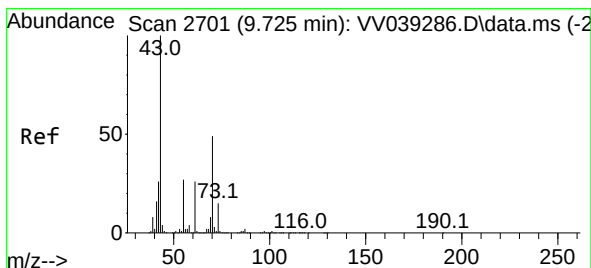
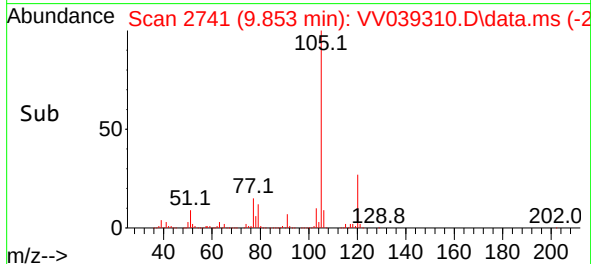
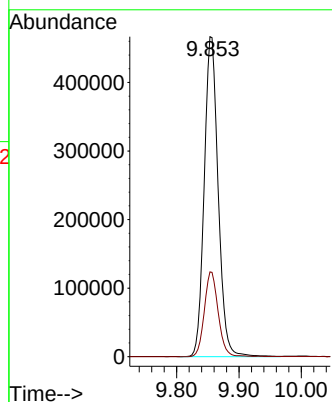


#73
Isopropylbenzene
Concen: 19.349 ug/l
RT: 9.853 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

Instrument :
MSVOA_V
ClientSampleId :

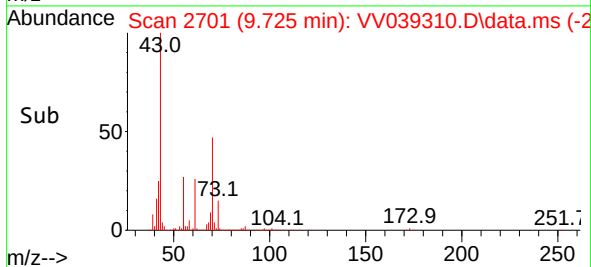
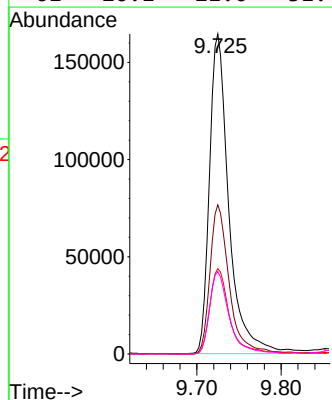
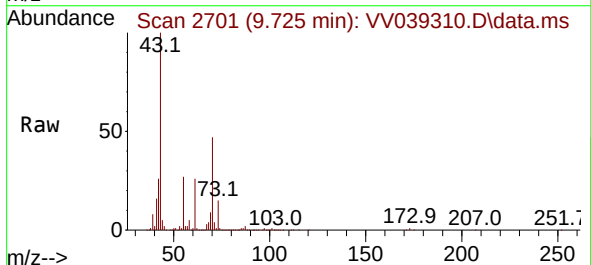


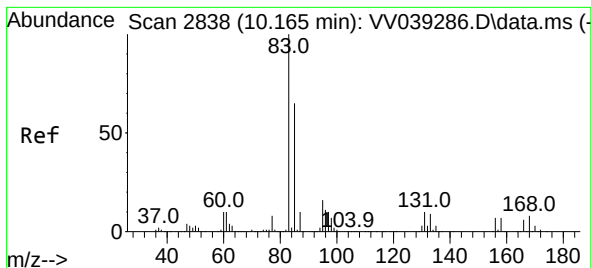
Tgt Ion:105 Resp: 726176
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.5



#74
N-ethyl acetate
Concen: 16.964 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.000 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

Tgt Ion: 43 Resp: 262340
Ion Ratio Lower Upper
43 100
70 46.5 38.6 58.0
55 27.4 21.9 32.9
61 26.1 21.0 31.4

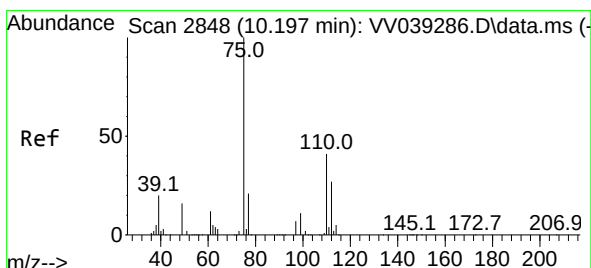
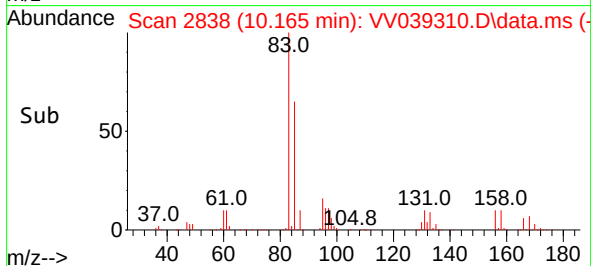
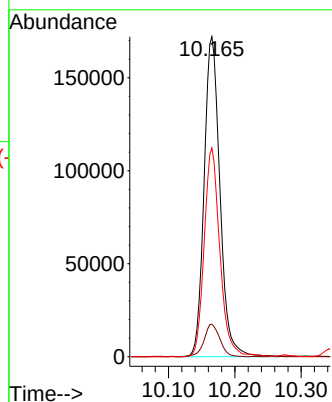
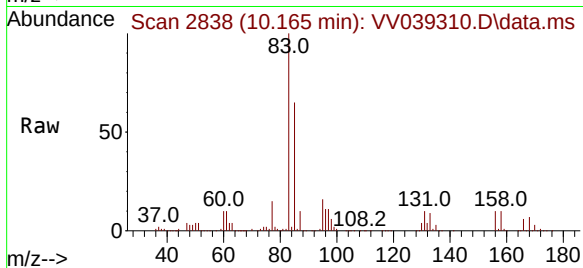




#75
1,1,2,2-Tetrachloroethane
Concen: 16.560 ug/l
RT: 10.165 min Scan# 2838
Delta R.T. 0.000 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

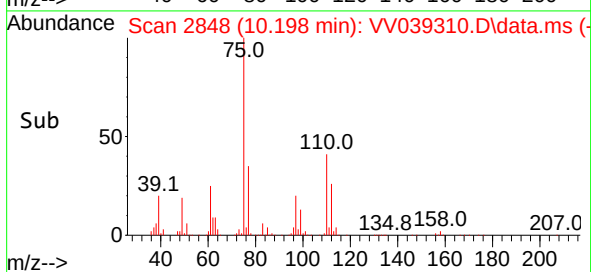
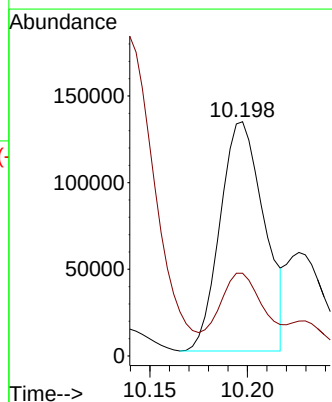
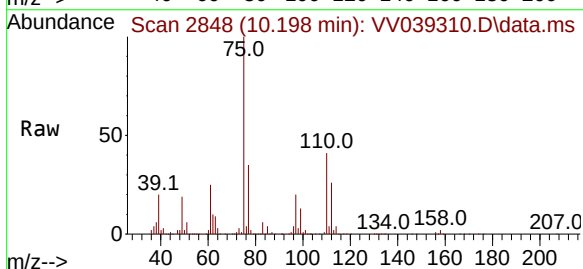
Instrument :
MSVOA_V
ClientSampleId :

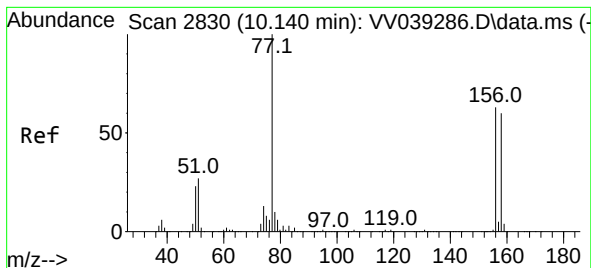
Tgt Ion: 83 Resp: 285417
Ion Ratio Lower Upper
83 100
131 10.1 5.0 15.0
85 64.7 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 16.897 ug/l
RT: 10.198 min Scan# 2848
Delta R.T. 0.000 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

Tgt Ion: 75 Resp: 208431
Ion Ratio Lower Upper
75 100
77 23.3 12.2 36.4





#77

Bromobenzene

Concen: 18.846 ug/l

RT: 10.140 min Scan# 2830

Delta R.T. 0.000 min

Lab File: VV039310.D

Acq: 04 Nov 2025 13:12

Instrument :

MSVOA_V

ClientSampleId :

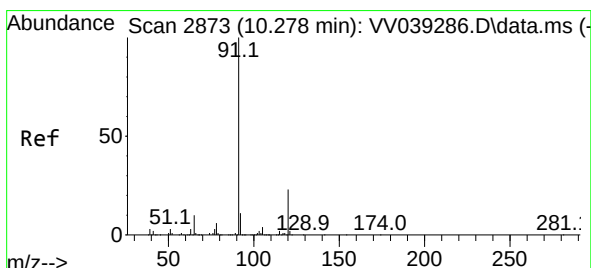
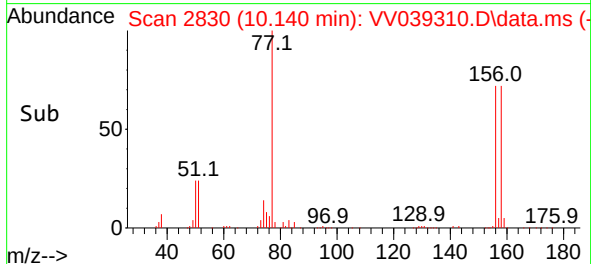
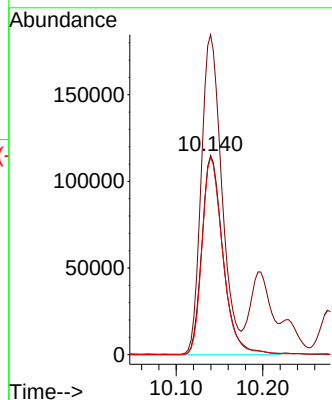
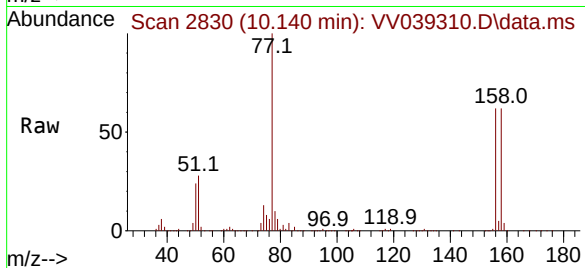
Tgt Ion:156 Resp: 194441

Ion Ratio Lower Upper

156 100

77 156.1 78.4 235.2

158 97.8 47.7 143.1



#78

n-propylbenzene

Concen: 19.173 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. 0.000 min

Lab File: VV039310.D

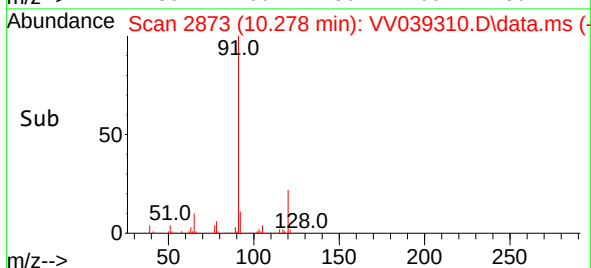
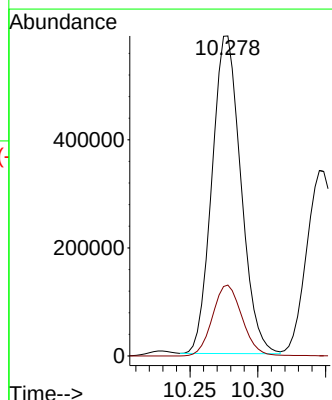
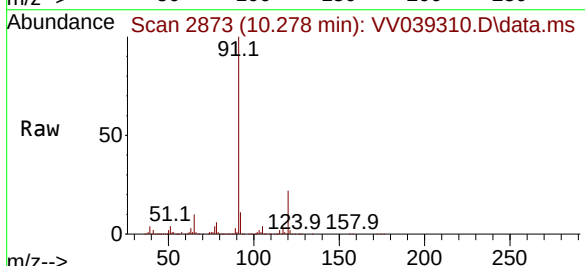
Acq: 04 Nov 2025 13:12

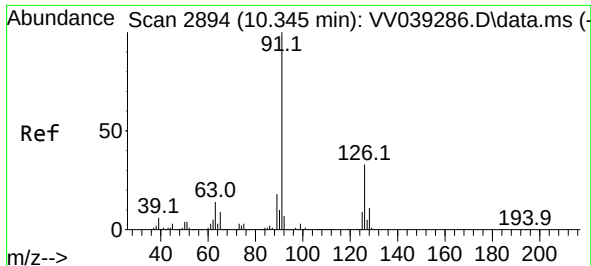
Tgt Ion: 91 Resp: 873113

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.5

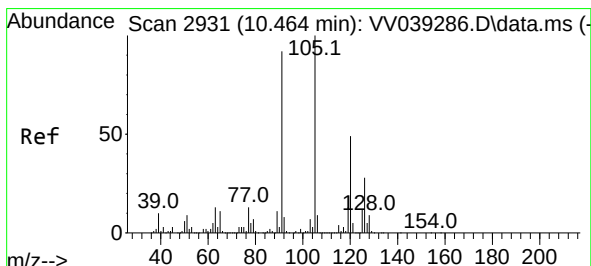
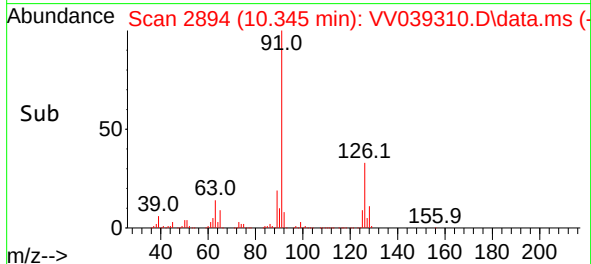
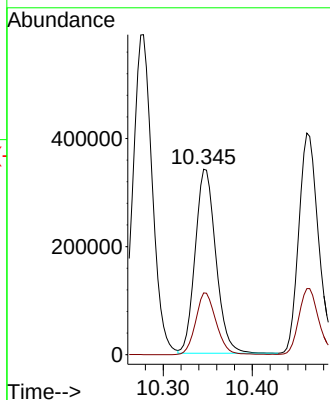
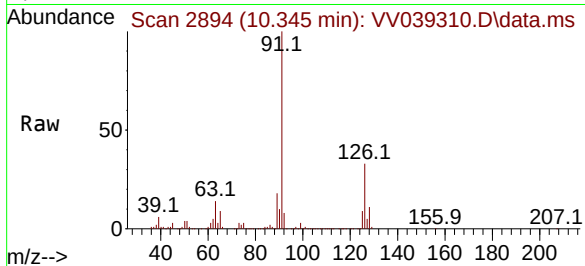




#79
2-Chlorotoluene
Concen: 19.518 ug/l
RT: 10.345 min Scan# 2894
Delta R.T. 0.000 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

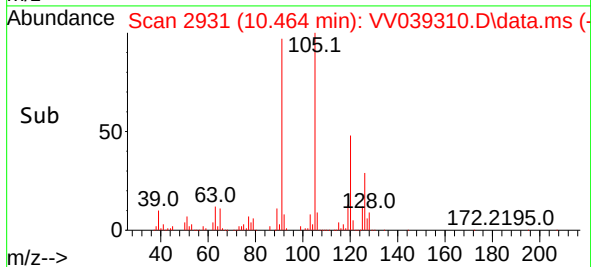
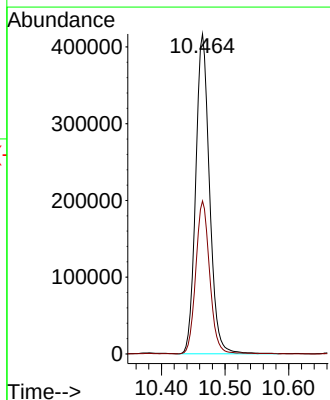
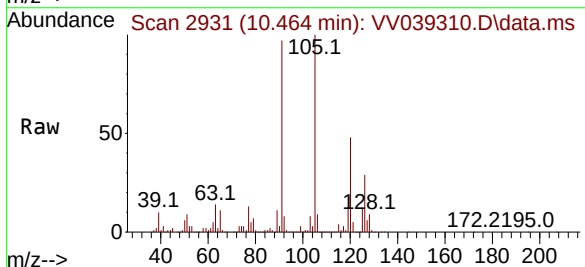
Instrument :
MSVOA_V
ClientSampleId :

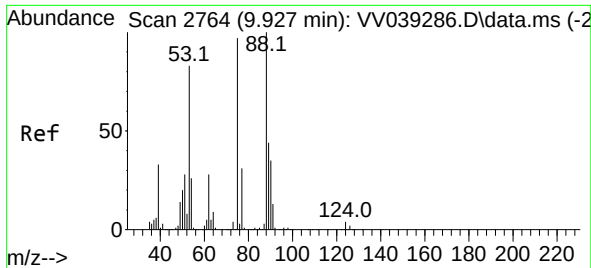
Tgt Ion: 91 Resp: 548766
Ion Ratio Lower Upper
91 100
126 33.5 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 19.974 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.000 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

Tgt Ion:105 Resp: 628719
Ion Ratio Lower Upper
105 100
120 48.0 24.3 73.0

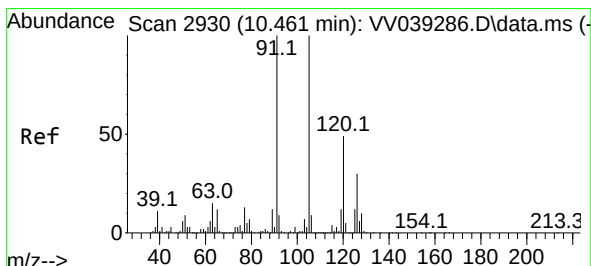
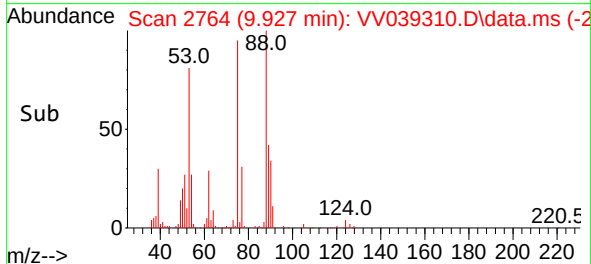
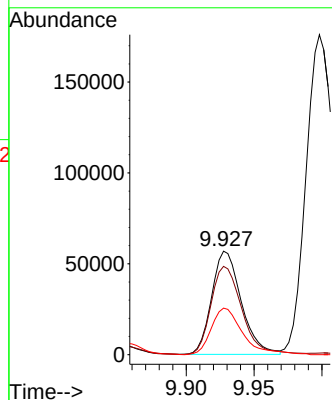
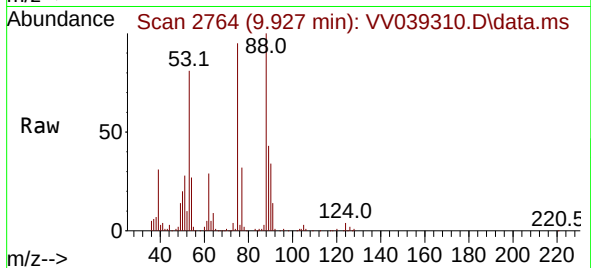




#81
trans-1,4-Dichloro-2-butene
Concen: 17.672 ug/l
RT: 9.927 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

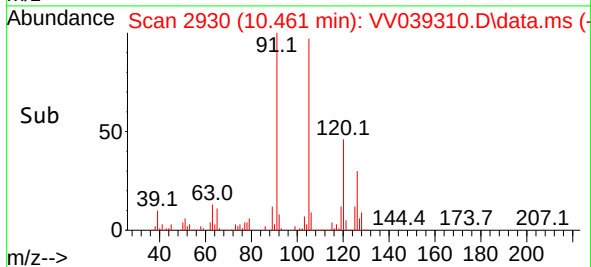
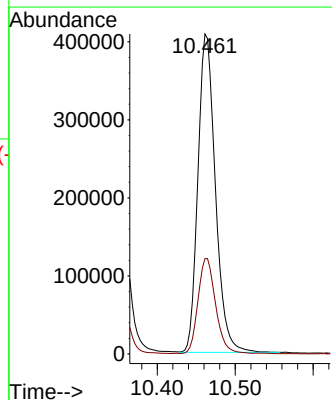
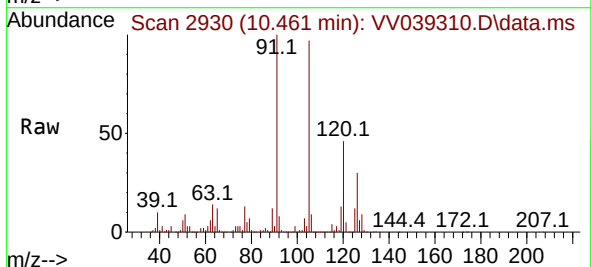
Instrument :
MSVOA_V
ClientSampleId :

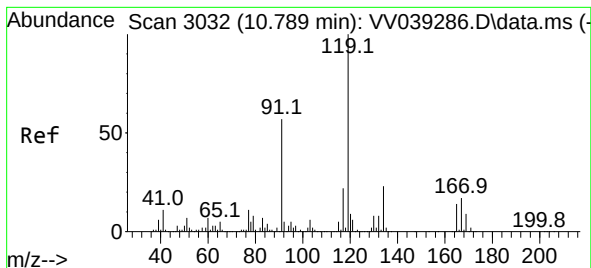
Tgt Ion: 75 Resp: 86319
Ion Ratio Lower Upper
75 100
53 88.3 69.9 104.9
89 48.0 37.4 56.0



#82
4-Chlorotoluene
Concen: 19.676 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. 0.000 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

Tgt Ion: 91 Resp: 635854
Ion Ratio Lower Upper
91 100
126 29.8 14.8 44.4





#83

tert-Butylbenzene

Concen: 18.088 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV039310.D

Acq: 04 Nov 2025 13:12

Instrument :

MSVOA_V

ClientSampleId :

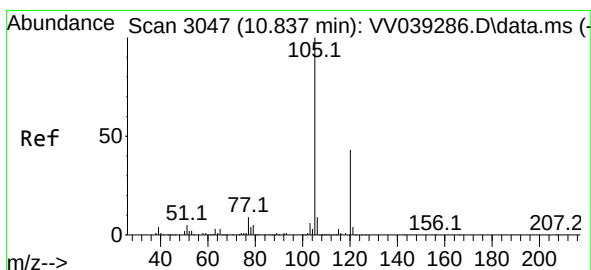
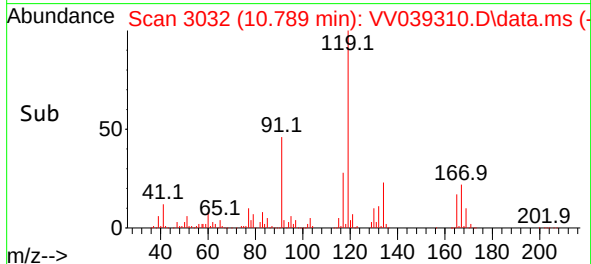
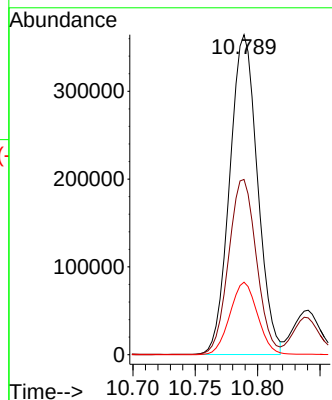
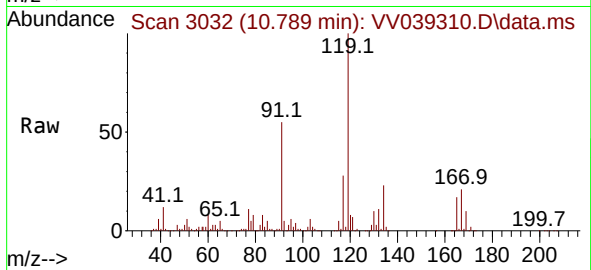
Tgt Ion:119 Resp: 565360

Ion Ratio Lower Upper

119 100

91 54.7 28.2 84.7

134 22.7 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 19.501 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV039310.D

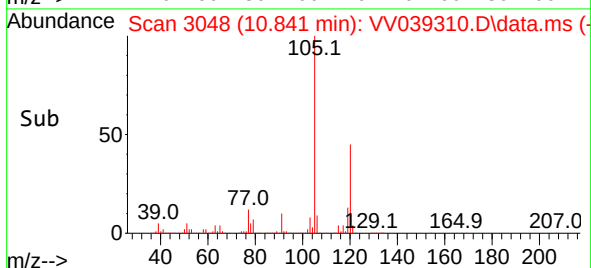
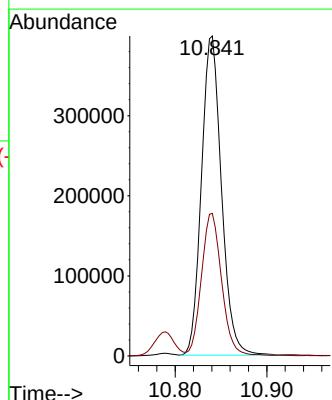
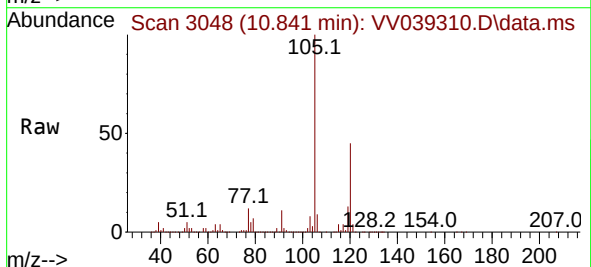
Acq: 04 Nov 2025 13:12

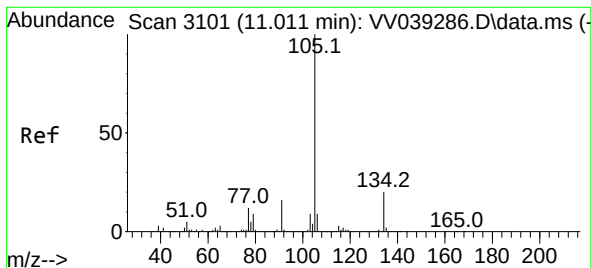
Tgt Ion:105 Resp: 604279

Ion Ratio Lower Upper

105 100

120 44.8 22.8 68.4





#85

sec-Butylbenzene

Concen: 18.475 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. 0.000 min

Lab File: VV039310.D

Acq: 04 Nov 2025 13:12

Instrument :

MSVOA_V

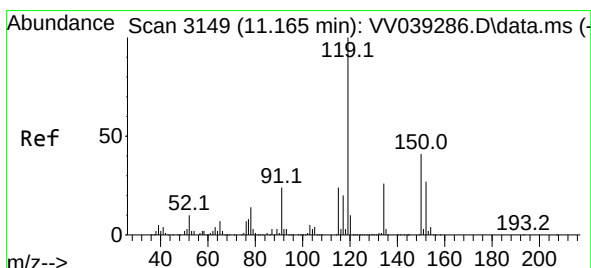
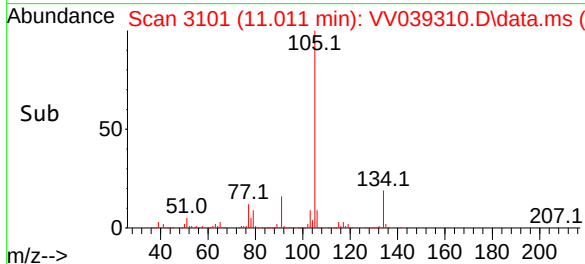
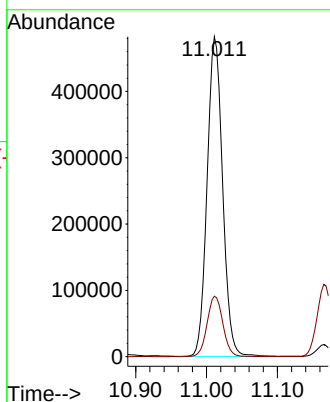
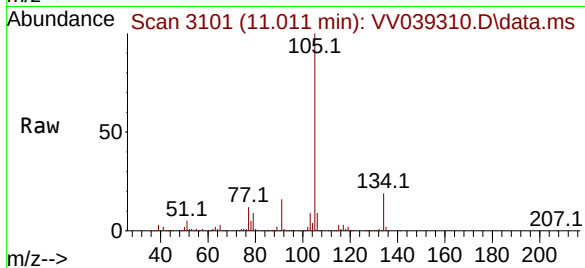
ClientSampleId :

Tgt Ion:105 Resp: 730091

Ion Ratio Lower Upper

105 100

134 19.4 9.8 29.5



#86

p-Isopropyltoluene

Concen: 18.344 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VV039310.D

Acq: 04 Nov 2025 13:12

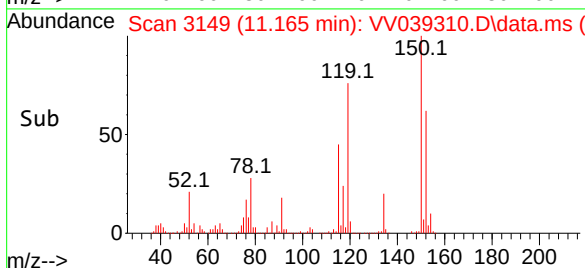
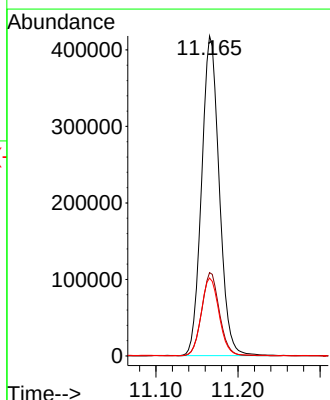
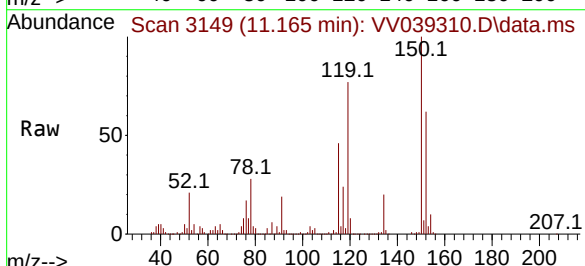
Tgt Ion:119 Resp: 623275

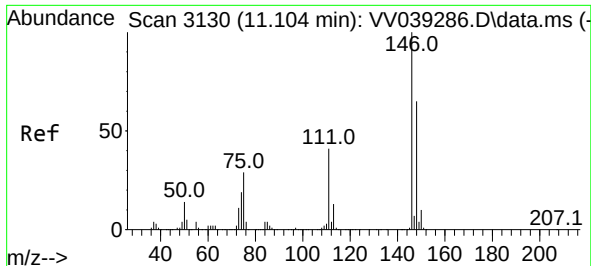
Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.6

91 24.6 12.2 36.4

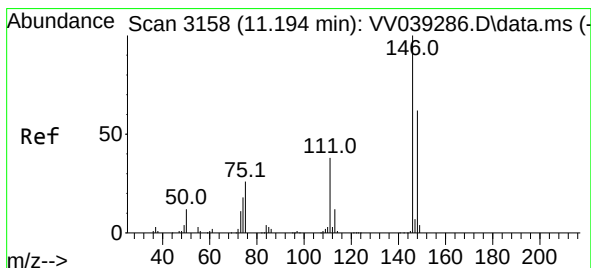
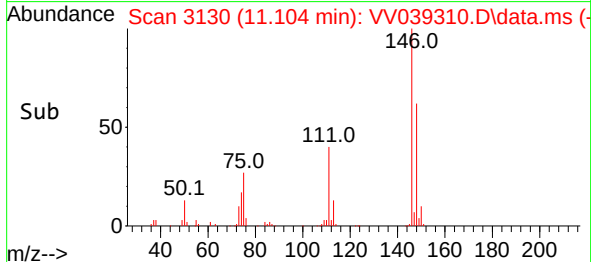
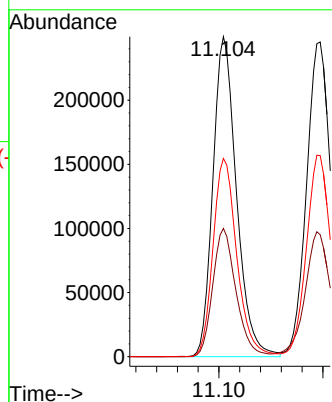
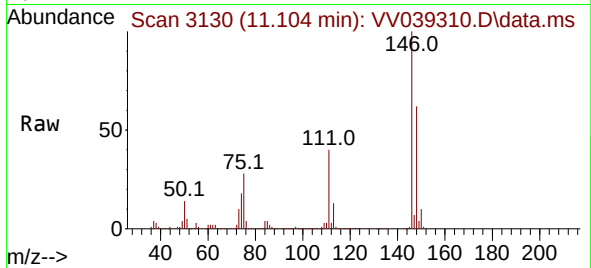




#87
1,3-Dichlorobenzene
Concen: 19.084 ug/l
RT: 11.104 min Scan# 3130
Delta R.T. 0.000 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

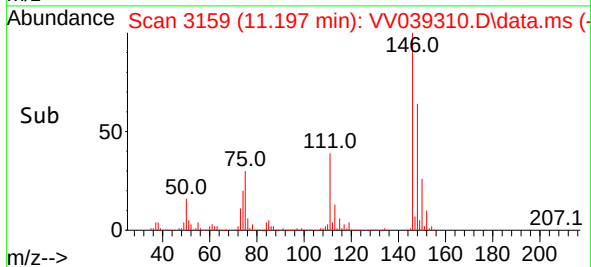
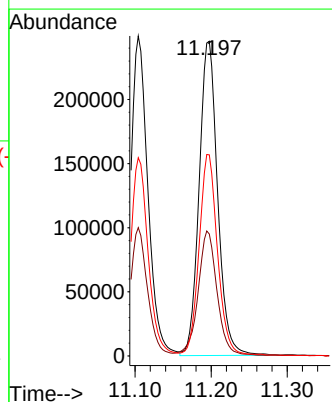
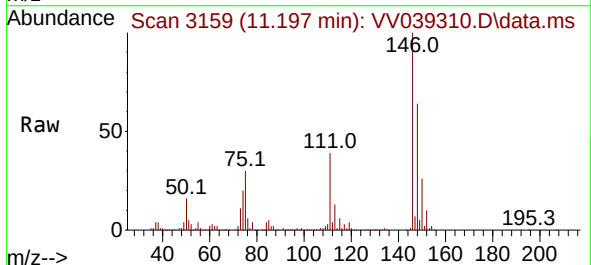
Instrument :
MSVOA_V
ClientSampleId :

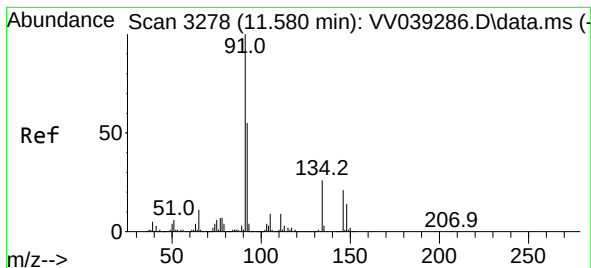
Tgt Ion:146 Resp: 392721
Ion Ratio Lower Upper
146 100
111 39.6 20.6 61.8
148 62.6 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 17.972 ug/l
RT: 11.197 min Scan# 3159
Delta R.T. 0.003 min
Lab File: VV039310.D
Acq: 04 Nov 2025 13:12

Tgt Ion:146 Resp: 413908
Ion Ratio Lower Upper
146 100
111 40.5 19.7 59.0
148 63.8 31.5 94.5





#89

n-Butylbenzene

Concen: 17.219 ug/l

RT: 11.580 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VV039310.D

Acq: 04 Nov 2025 13:12

Instrument :

MSVOA_V

ClientSampleId :

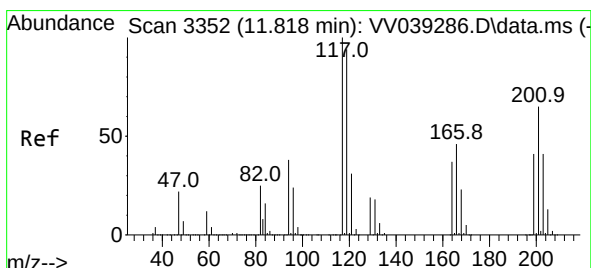
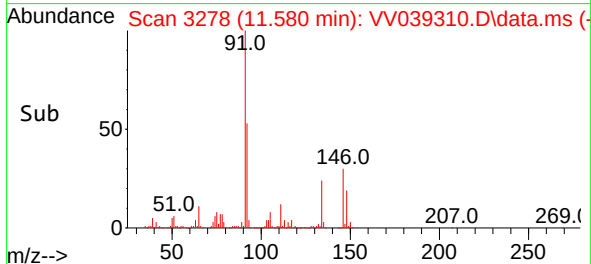
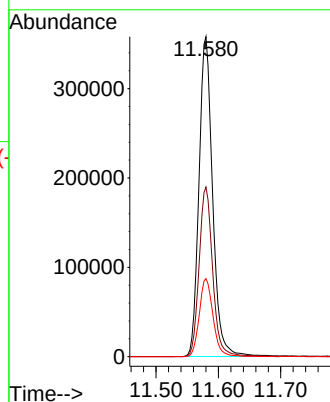
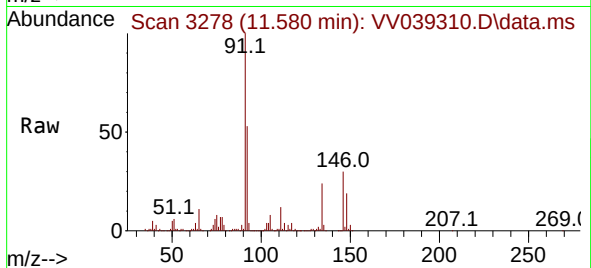
Tgt Ion: 91 Resp: 544830

Ion Ratio Lower Upper

91 100

92 52.9 26.9 80.6

134 24.6 12.6 37.8



#90

Hexachloroethane

Concen: 16.396 ug/l

RT: 11.818 min Scan# 3352

Delta R.T. 0.000 min

Lab File: VV039310.D

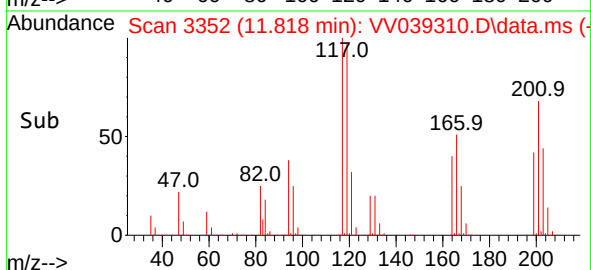
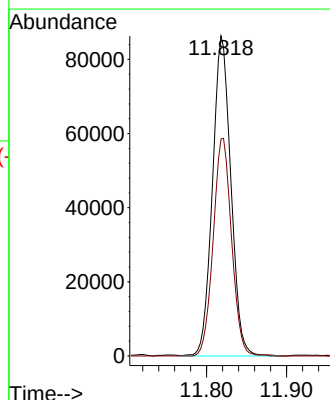
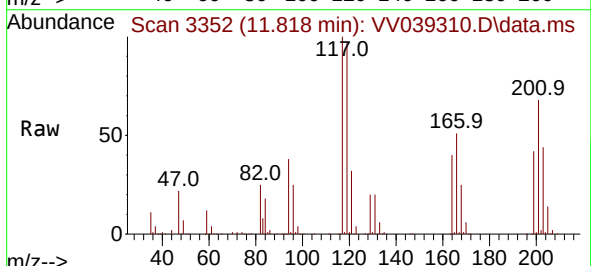
Acq: 04 Nov 2025 13:12

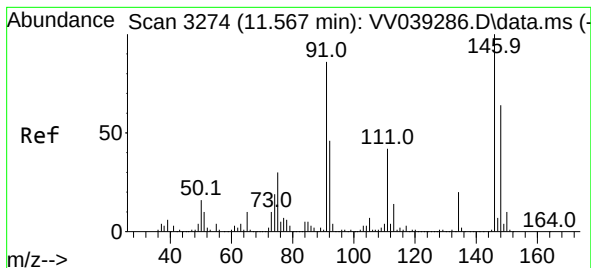
Tgt Ion: 117 Resp: 137751

Ion Ratio Lower Upper

117 100

201 67.8 33.7 101.1





#91

1,2-Dichlorobenzene

Concen: 18.140 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

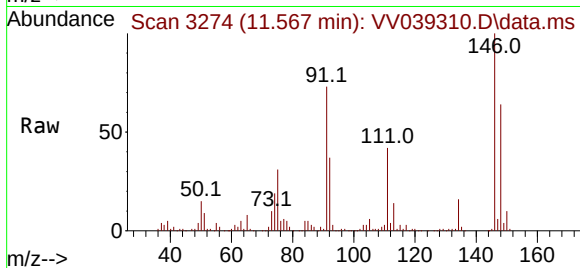
Lab File: VV039310.D

Acq: 04 Nov 2025 13:12

Instrument :

MSVOA_V

ClientSampleId :



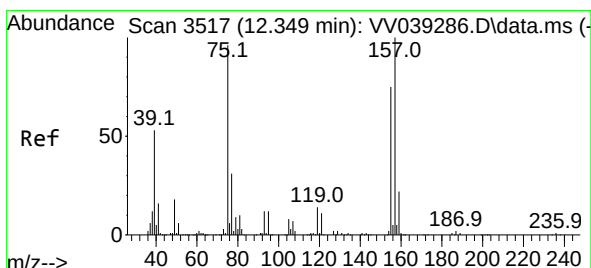
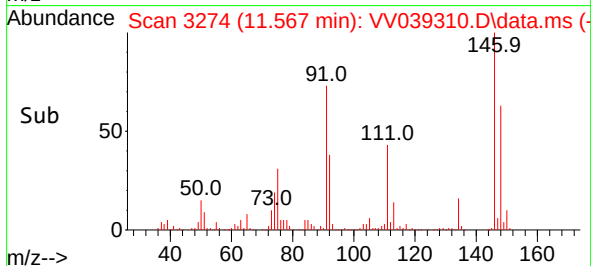
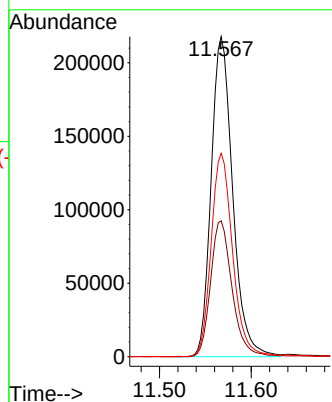
Tgt Ion:146 Resp: 355117

Ion Ratio Lower Upper

146 100

111 42.4 21.3 64.0

148 63.2 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 15.916 ug/l

RT: 12.352 min Scan# 3518

Delta R.T. 0.003 min

Lab File: VV039310.D

Acq: 04 Nov 2025 13:12

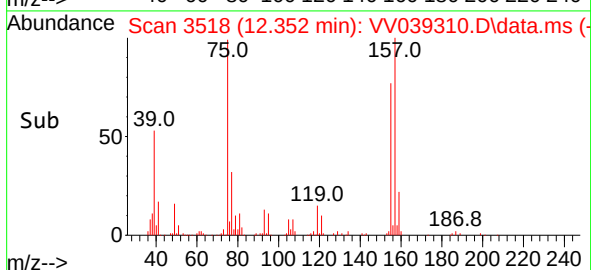
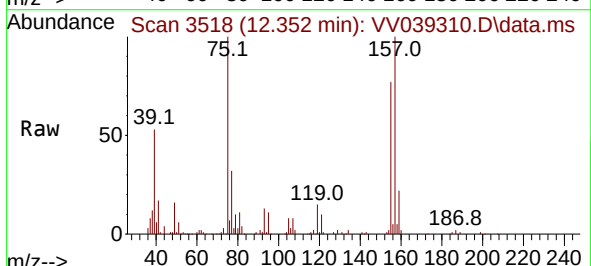
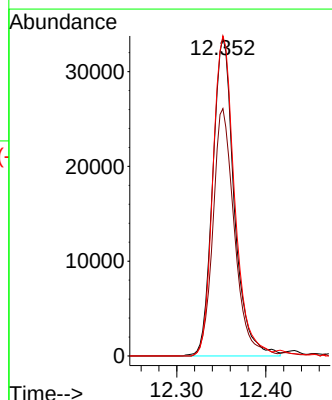
Tgt Ion: 75 Resp: 56405

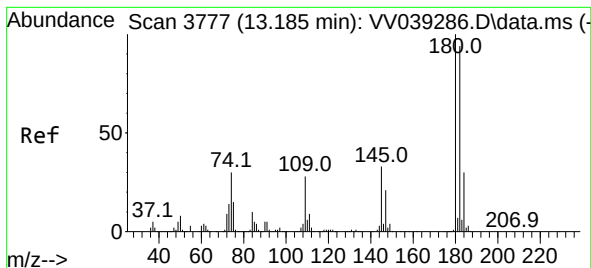
Ion Ratio Lower Upper

75 100

155 77.4 40.8 122.5

157 101.3 53.3 160.0





#93

1,2,4-Trichlorobenzene

Concen: 18.149 ug/l

RT: 13.185 min Scan# 3777

Delta R.T. 0.000 min

Lab File: VV039310.D

Acq: 04 Nov 2025 13:12

Instrument :

MSVOA_V

ClientSampleId :

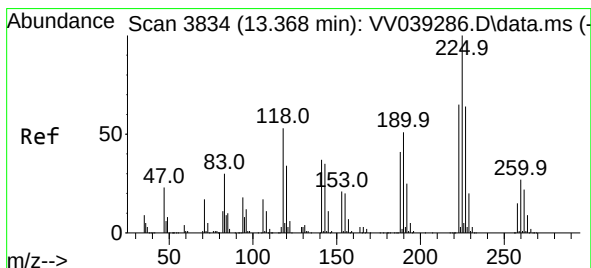
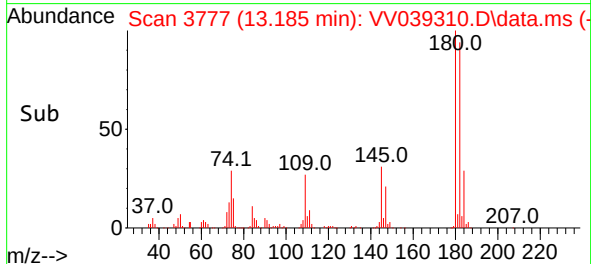
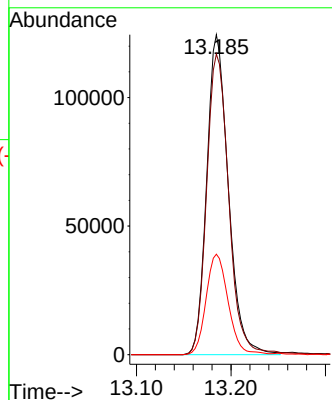
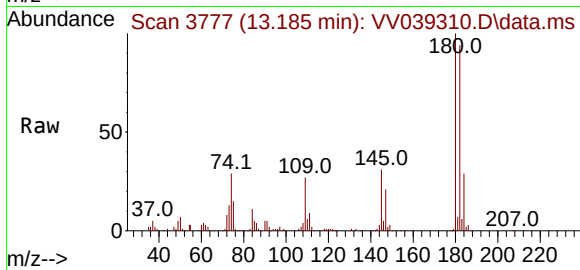
Tgt Ion:180 Resp: 198152

Ion Ratio Lower Upper

180 100

182 96.2 47.3 141.9

145 32.0 16.3 48.9



#94

Hexachlorobutadiene

Concen: 14.366 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. 0.000 min

Lab File: VV039310.D

Acq: 04 Nov 2025 13:12

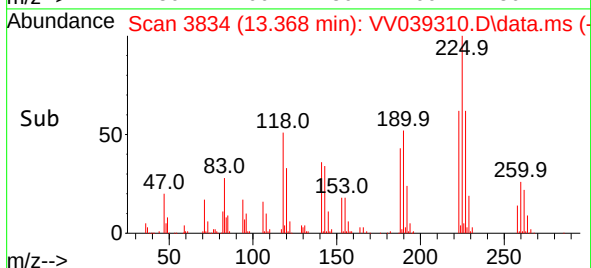
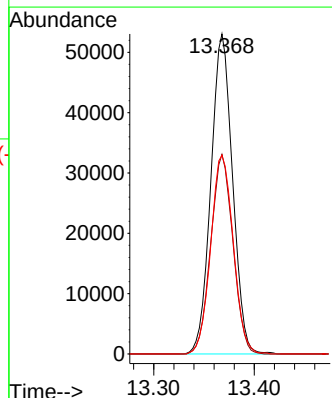
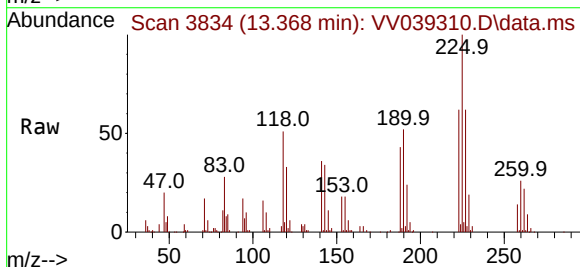
Tgt Ion:225 Resp: 79422

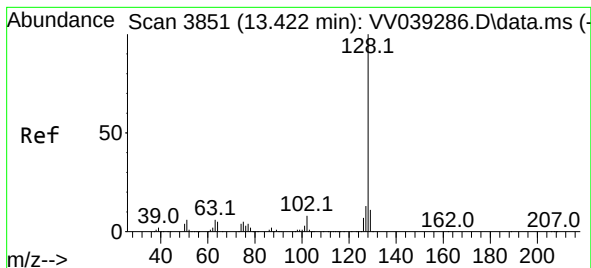
Ion Ratio Lower Upper

225 100

223 63.7 31.3 93.8

227 64.8 31.7 95.1





#95

Naphthalene

Concen: 17.050 ug/l

RT: 13.422 min Scan# 3851

Delta R.T. 0.000 min

Lab File: VV039310.D

Acq: 04 Nov 2025 13:12

Instrument :

MSVOA_V

ClientSampleId :

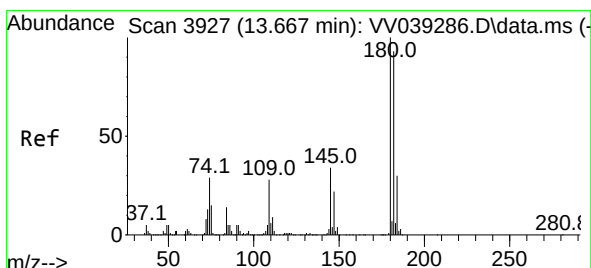
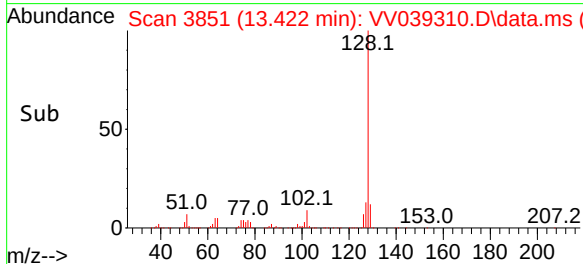
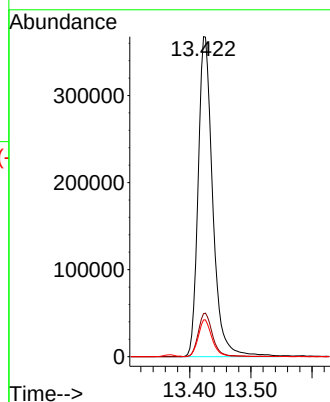
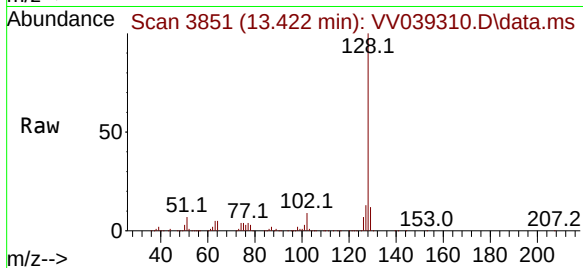
Tgt Ion:128 Resp: 609877

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 17.965 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. 0.000 min

Lab File: VV039310.D

Acq: 04 Nov 2025 13:12

Tgt Ion:180 Resp: 203858

Ion Ratio Lower Upper

180 100

182 93.2 46.7 140.1

145 34.0 17.2 51.5

