

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092925\
 Data File : VV039237.D
 Acq On : 29 Sep 2025 17:15
 Operator : SY/MD
 Sample : Q3195-20MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 30 01:29:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 08:08:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	494074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	722914	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	717971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	463779	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.944	65	298046	41.681	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	83.360%
35) Dibromofluoromethane	4.500	113	300465	51.701	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	103.400%
50) Toluene-d8	7.236	98	841006	49.271	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	98.540%
62) 4-Bromofluorobenzene	10.001	95	400996	57.067	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	114.140%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.121	85	386406	49.405	ug/l	97
3) Chloromethane	1.227	50	362092	43.126	ug/l	98
4) Vinyl Chloride	1.294	62	404425	44.993	ug/l	100
5) Bromomethane	1.494	94	254510	44.915	ug/l	98
6) Chloroethane	1.558	64	259641	48.990	ug/l	96
7) Trichlorofluoromethane	1.725	101	623183	47.886	ug/l	99
8) Diethyl Ether	1.918	74	236336	48.918	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.079	101	383628	49.543	ug/l	97
10) Methyl Iodide	2.195	142	398316	54.016	ug/l	99
11) Tert butyl alcohol	2.571	59	419483	277.559	ug/l	100
12) 1,1-Dichloroethene	2.082	96	362747	48.695	ug/l	91
13) Acrolein	2.011	56	54873	209.242	ug/l	93
14) Allyl chloride	2.355	41	606456	45.576	ug/l	96
15) Acrylonitrile	2.674	53	1178223	243.193	ug/l	99
16) Acetone	2.117	43	904116	201.215	ug/l	97
17) Carbon Disulfide	2.253	76	959826	42.130	ug/l	99
18) Methyl Acetate	2.378	43	556007	52.479	ug/l	96
19) Methyl tert-butyl Ether	2.712	73	1182602	49.820	ug/l	100
20) Methylene Chloride	2.455	84	415757	54.112	ug/l	94
21) trans-1,2-Dichloroethene	2.699	96	383354	48.340	ug/l	96
22) Diisopropyl ether	3.217	45	1178542	46.291	ug/l	98
23) Vinyl Acetate	3.188	43	5180952	232.628	ug/l	97
24) 1,1-Dichloroethane	3.117	63	718406	46.143	ug/l	98
25) 2-Butanone	3.867	43	1387581	242.327	ug/l	98
26) 2,2-Dichloropropane	3.812	77	552601	40.030	ug/l	98
27) cis-1,2-Dichloroethene	3.818	96	438015	50.080	ug/l	94
28) Bromochloromethane	4.146	49	328927	47.856	ug/l	87
29) Tetrahydrofuran	4.236	42	930513	259.623	ug/l	96
30) Chloroform	4.278	83	754498	46.409	ug/l	98
31) Cyclohexane	4.584	56	519580	40.739	ug/l	97
32) 1,1,1-Trichloroethane	4.513	97	656518	46.645	ug/l	98
36) 1,1-Dichloropropene	4.744	75	455596	51.851	ug/l	98
37) Ethyl Acetate	3.979	43	533392	50.028	ug/l	98
38) Carbon Tetrachloride	4.735	117	561360	52.275	ug/l	99
39) Methylcyclohexane	6.047	83	521023	49.102	ug/l	96
40) Benzene	5.008	78	1522784	53.221	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.159	41	251054	52.000	ug/l	95
42) 1,2-Dichloroethane	5.040	62	516822	51.551	ug/l	98
43) Isopropyl Acetate	5.195	43	803487	55.271	ug/l	98
44) Trichloroethene	5.831	130	417556	63.243	ug/l	99
45) 1,2-Dichloropropane	6.088	63	396539	55.758	ug/l	98
46) Dibromomethane	6.223	93	300681	55.239	ug/l	93
47) Bromodichloromethane	6.426	83	600401	53.355	ug/l	98
48) Methyl methacrylate	6.294	41	389168	59.056	ug/l	96
49) 1,4-Dioxane	6.291	88	134567	1265.383	ug/l	97
51) 4-Methyl-2-Pentanone	7.149	43	2899248	303.149	ug/l	97
52) Toluene	7.307	92	971887	58.584	ug/l	98
53) t-1,3-Dichloropropene	7.574	75	559095	57.011	ug/l	99
54) cis-1,3-Dichloropropene	6.947	75	559990	51.725	ug/l	98
55) 1,1,2-Trichloroethane	7.760	97	414549	55.730	ug/l	97
56) Ethyl methacrylate	7.715	69	562462	63.672	ug/l	95
57) 1,3-Dichloropropane	7.934	76	653401	55.659	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.770	63	1144	9.843	ug/l #	47
59) 2-Hexanone	8.063	43	2190138	283.389	ug/l	98
60) Dibromochloromethane	8.169	129	487809	57.553	ug/l	98
61) 1,2-Dibromoethane	8.272	107	446765	58.729	ug/l	100
64) Tetrachloroethene	7.895	164	333065	55.385	ug/l	98
65) Chlorobenzene	8.805	112	1072211	53.614	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.899	131	401399	55.549	ug/l	99
67) Ethyl Benzene	8.937	91	1767918	58.400	ug/l	99
68) m/p-Xylenes	9.063	106	1454532	124.490	ug/l	98
69) o-Xylene	9.468	106	642334	62.089	ug/l	97
70) Styrene	9.484	104	1227294	55.861	ug/l	99
71) Bromoform	9.654	173	342488	60.678	ug/l #	98
73) Isopropylbenzene	9.857	105	1762396	52.393	ug/l	100
74) N-amyl acetate	9.725	43	731113	54.489	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.165	83	685568	46.515	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	515358	48.805	ug/l	99
77) Bromobenzene	10.140	156	449861	51.546	ug/l	97
78) n-propylbenzene	10.278	91	2135598	52.135	ug/l	98
79) 2-Chlorotoluene	10.349	91	1296224	52.883	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	1521131	54.405	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.927	75	224319	50.999	ug/l	98
82) 4-Chlorotoluene	10.461	91	1550297	54.545	ug/l	98
83) tert-Butylbenzene	10.789	119	1432871	51.394	ug/l	98
84) 1,2,4-Trimethylbenzene	10.837	105	1522222	56.079	ug/l	99
85) sec-Butylbenzene	11.011	105	1837748	49.697	ug/l	99
86) p-Isopropyltoluene	11.165	119	1565969	50.879	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	906378	51.316	ug/l	99
88) 1,4-Dichlorobenzene	11.198	146	954552	49.260	ug/l	99
89) n-Butylbenzene	11.580	91	1461115	49.707	ug/l	99
90) Hexachloroethane	11.821	117	325035	42.885	ug/l	95
91) 1,2-Dichlorobenzene	11.567	146	839410	50.867	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.349	75	142548	53.576	ug/l	92
93) 1,2,4-Trichlorobenzene	13.185	180	499193	52.772	ug/l	100
94) Hexachlorobutadiene	13.368	225	200469	40.785	ug/l	100
95) Naphthalene	13.422	128	1820572	59.545	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	516977	53.435	ug/l	100

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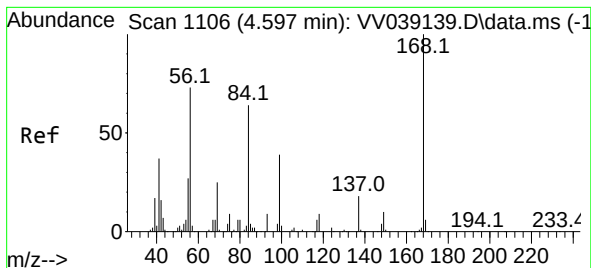
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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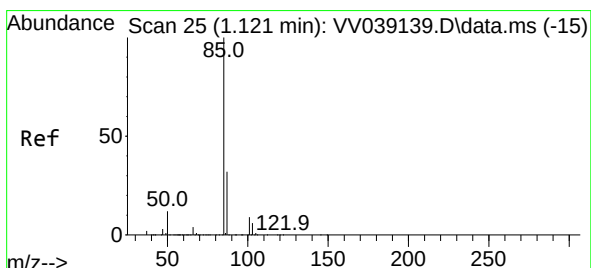
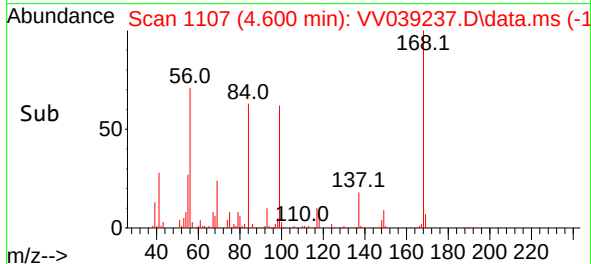
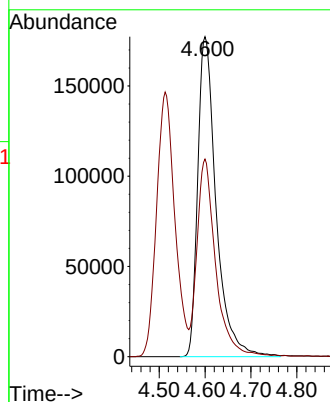
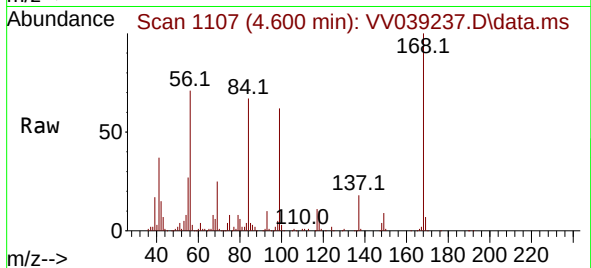




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV039237.D
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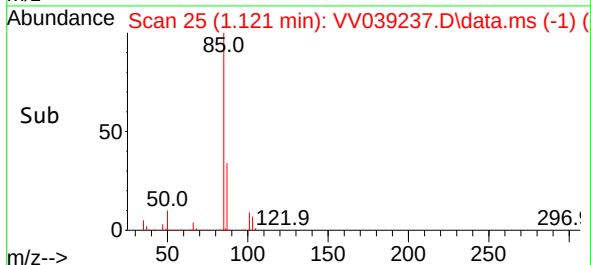
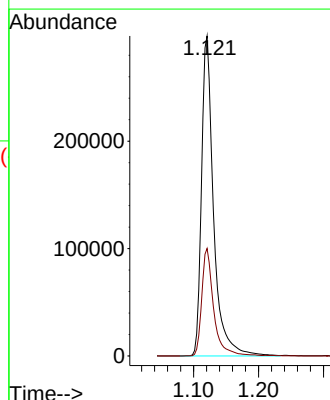
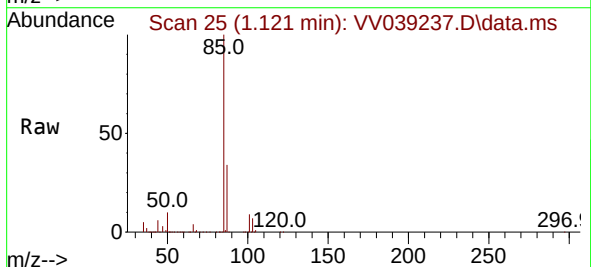
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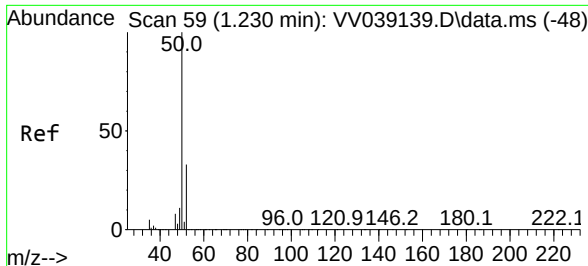
Tgt Ion:168 Resp: 494074
Ion Ratio Lower Upper
168 100
99 61.4 49.6 74.4



#2
Dichlorodifluoromethane
Concen: 49.405 ug/l
RT: 1.121 min Scan# 25
Delta R.T. -0.000 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

Tgt Ion: 85 Resp: 386406
Ion Ratio Lower Upper
85 100
87 33.6 16.0 47.9

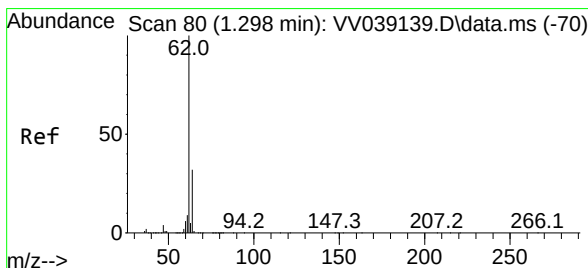
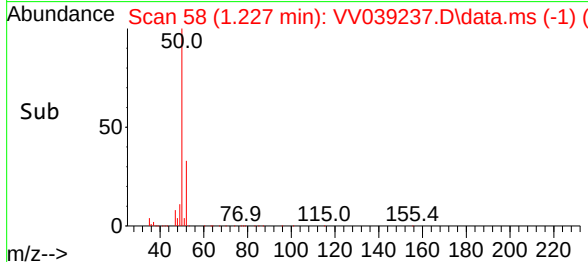
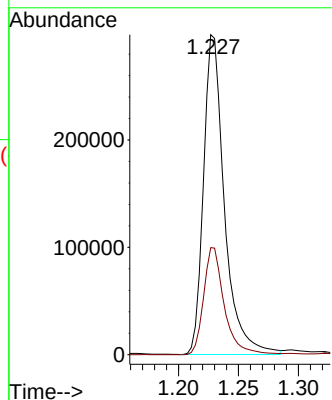
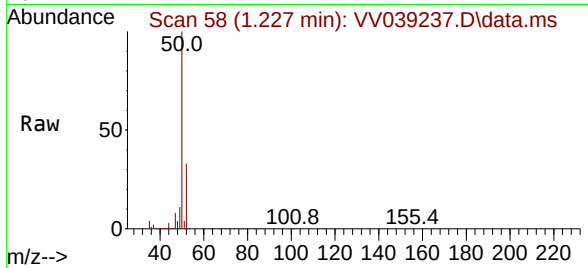




#3
Chloromethane
Concen: 43.126 ug/l
RT: 1.227 min Scan# 50
Delta R.T. -0.003 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

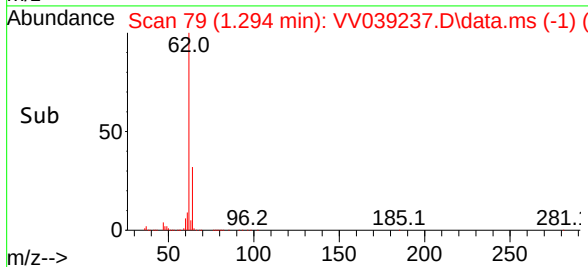
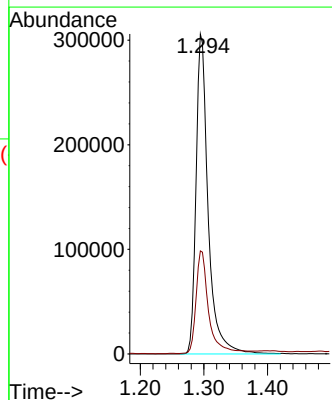
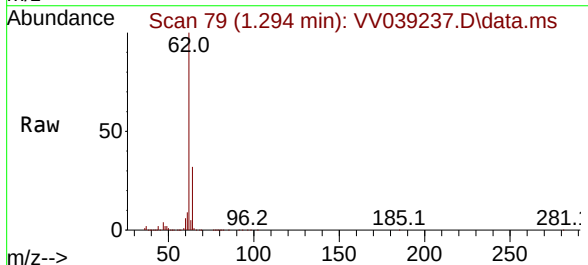
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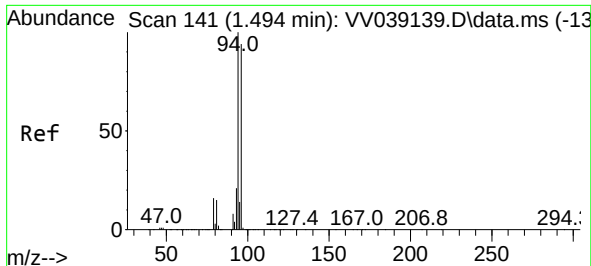
Tgt Ion: 50 Resp: 362092
Ion Ratio Lower Upper
50 100
52 33.5 26.0 39.0



#4
Vinyl Chloride
Concen: 44.993 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

Tgt Ion: 62 Resp: 404425
Ion Ratio Lower Upper
62 100
64 32.1 25.6 38.4

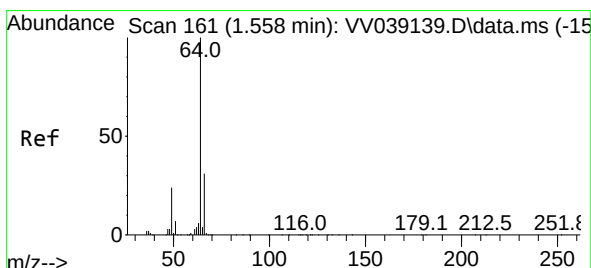
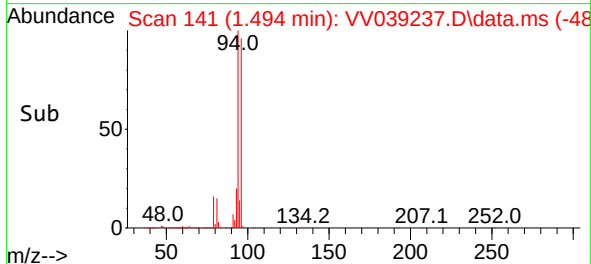
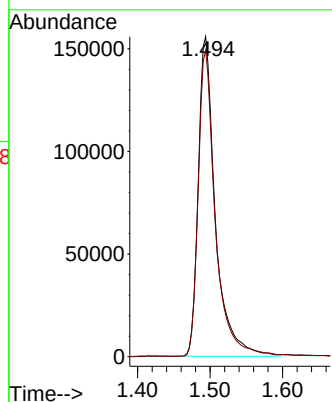
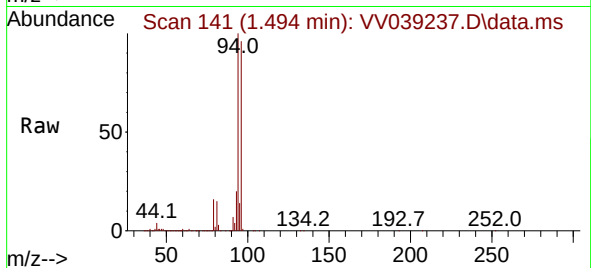




#5
Bromomethane
Concen: 44.915 ug/l
RT: 1.494 min Scan# 141
Delta R.T. -0.000 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

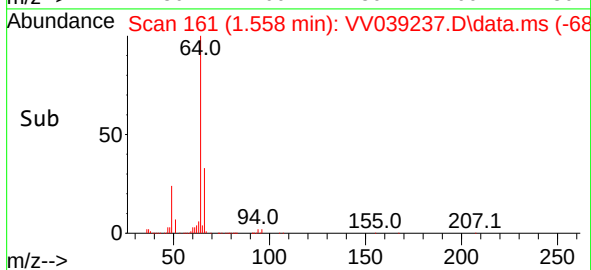
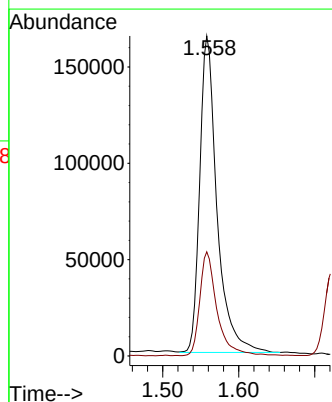
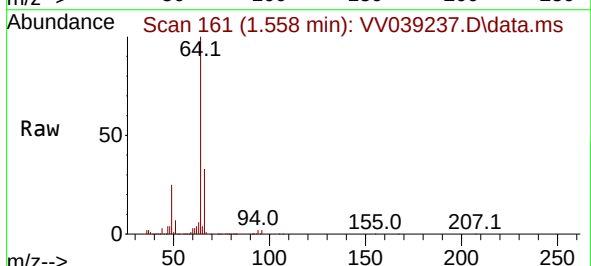
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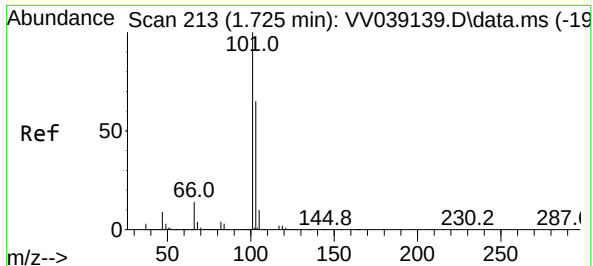
Tgt Ion: 94 Resp: 254510
Ion Ratio Lower Upper
94 100
96 95.8 74.9 112.3



#6
Chloroethane
Concen: 48.990 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.000 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

Tgt Ion: 64 Resp: 259641
Ion Ratio Lower Upper
64 100
66 32.8 24.6 36.8

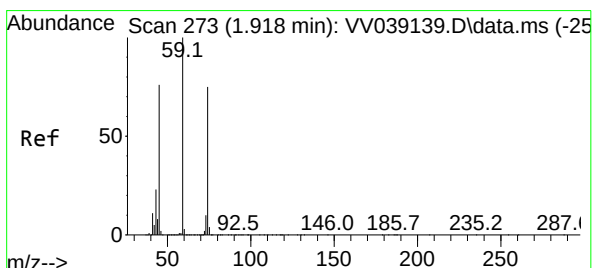
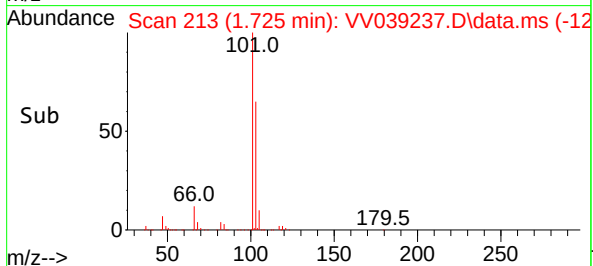
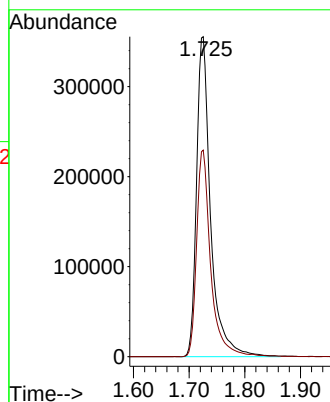
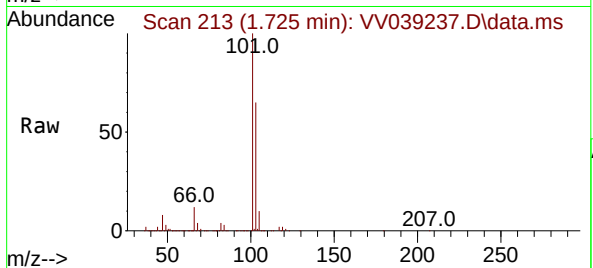




#7
Trichlorofluoromethane
Concen: 47.886 ug/l
RT: 1.725 min Scan# 213
Delta R.T. -0.000 min
Lab File: VV039237.D
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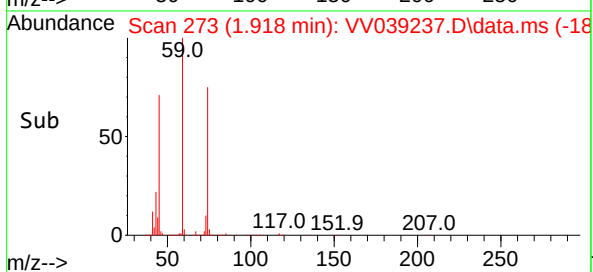
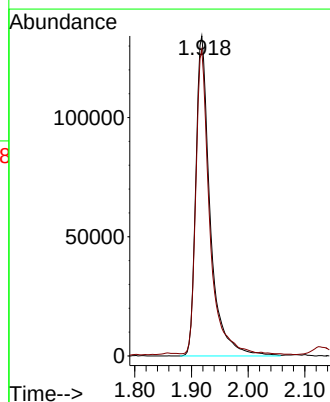
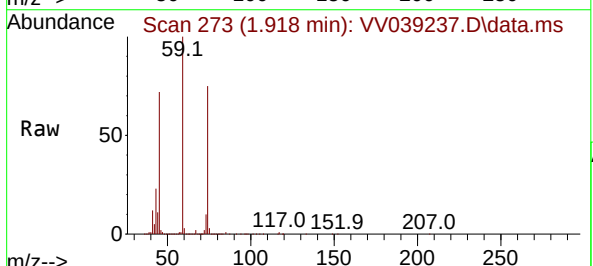
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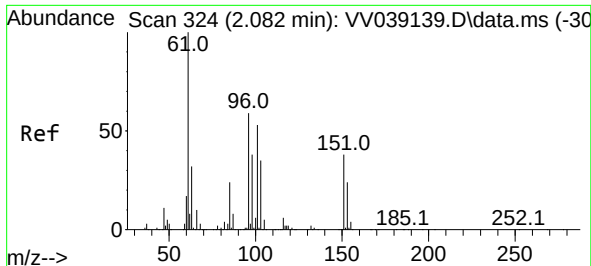
Tgt Ion:101 Resp: 623183
Ion Ratio Lower Upper
101 100
103 64.6 52.0 78.0



#8
Diethyl Ether
Concen: 48.918 ug/l
RT: 1.918 min Scan# 273
Delta R.T. 0.000 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

Tgt Ion: 74 Resp: 236336
Ion Ratio Lower Upper
74 100
45 90.6 49.6 148.8

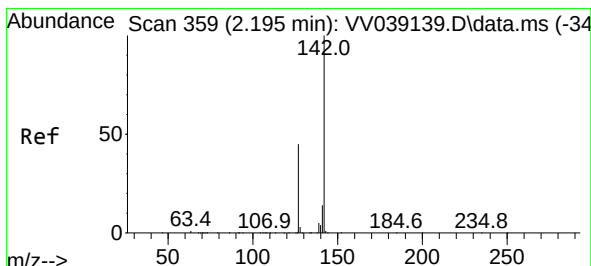
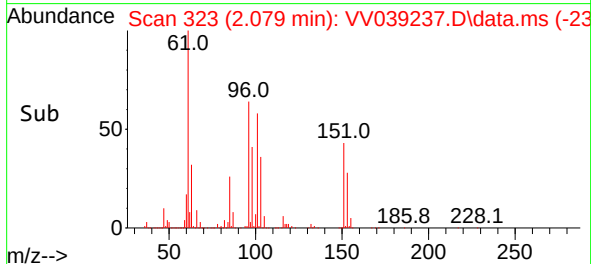
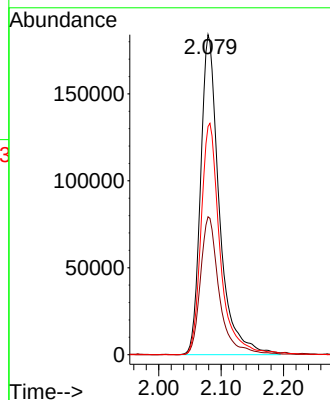
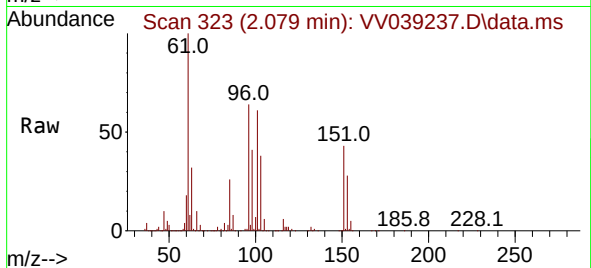




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.543 ug/l
RT: 2.079 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV039237.D
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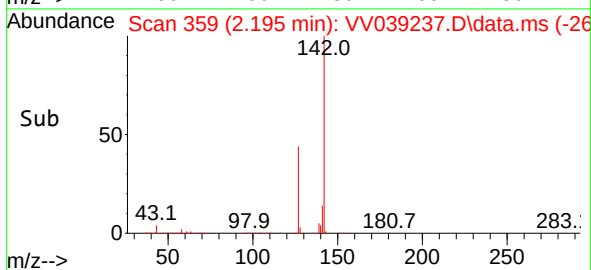
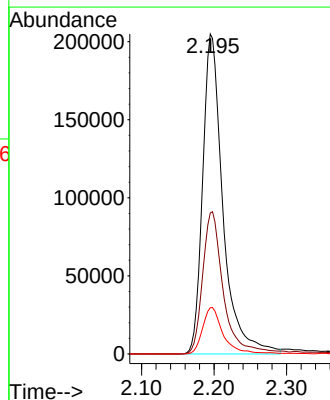
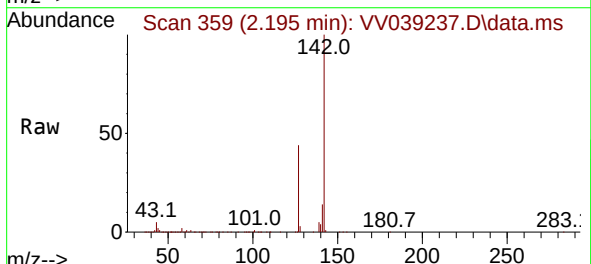
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MSVOA_V
ClientSampleId :

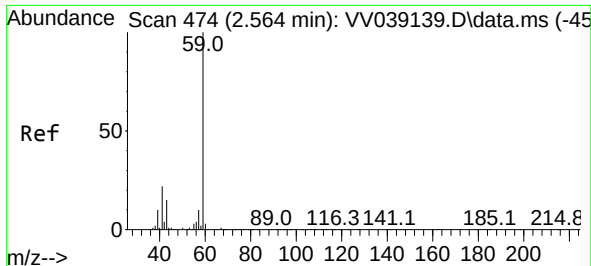
Tgt Ion:101 Resp: 383628
Ion Ratio Lower Upper
101 100
85 43.6 36.2 54.2
151 73.1 56.3 84.5



#10
Methyl Iodide
Concen: 54.016 ug/l
RT: 2.195 min Scan# 359
Delta R.T. -0.000 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

Tgt Ion:142 Resp: 398316
Ion Ratio Lower Upper
142 100
127 45.7 36.3 54.5
141 14.6 11.2 16.8

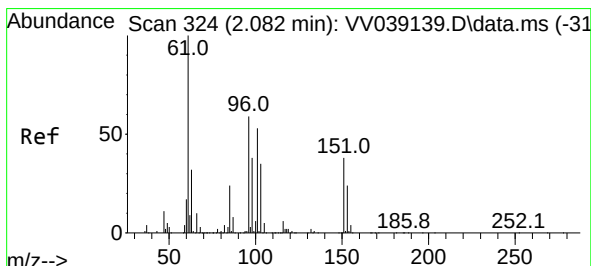
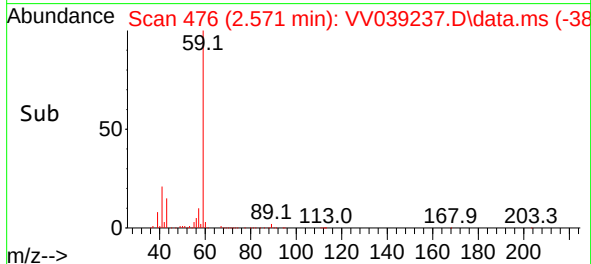
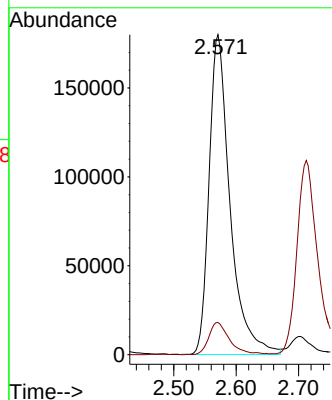
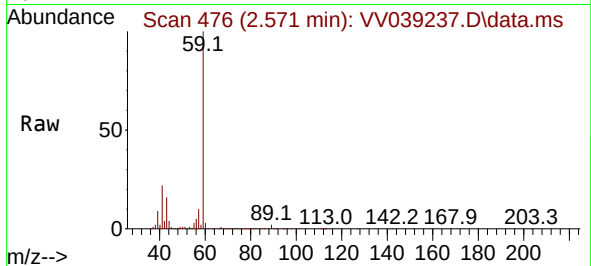




#11
Tert butyl alcohol
Concen: 277.559 ug/l
RT: 2.571 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

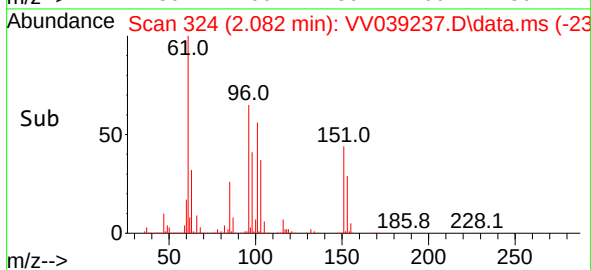
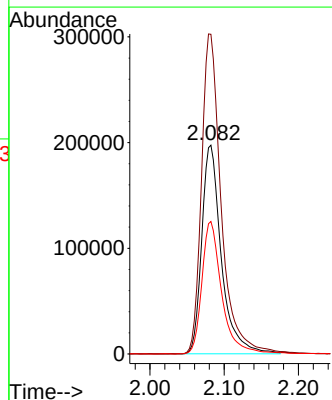
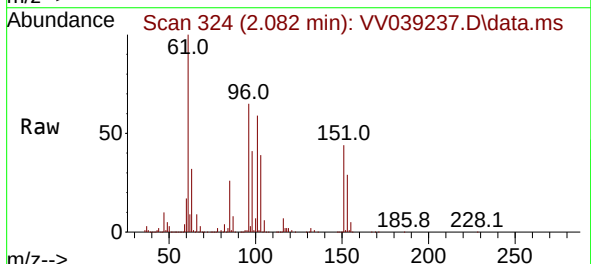
Instrument :
MSVOA_V
ClientSampleId :

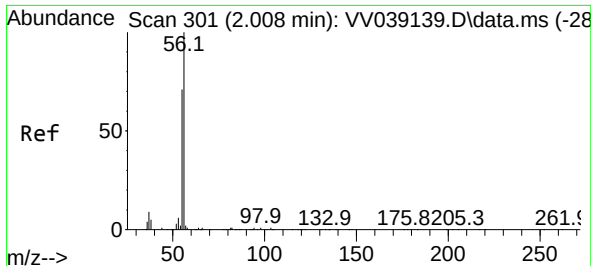
Tgt Ion: 59 Resp: 419483
Ion Ratio Lower Upper
59 100
57 9.6 7.8 11.8



#12
1,1-Dichloroethene
Concen: 48.695 ug/l
RT: 2.082 min Scan# 324
Delta R.T. -0.000 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

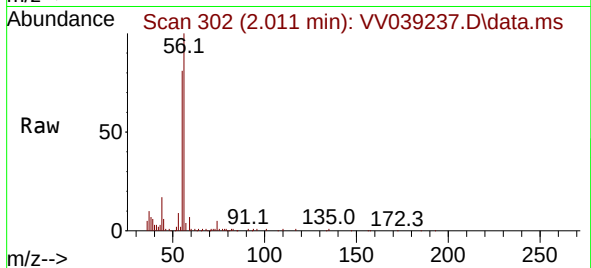
Tgt Ion: 96 Resp: 362747
Ion Ratio Lower Upper
96 100
61 153.2 136.0 204.0
98 63.4 51.0 76.6



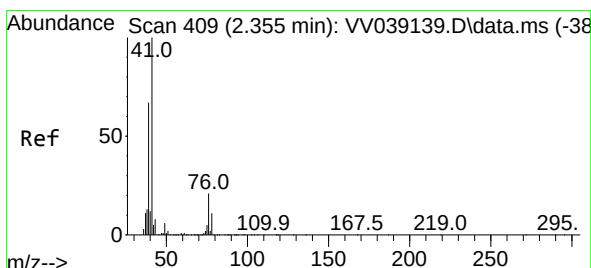
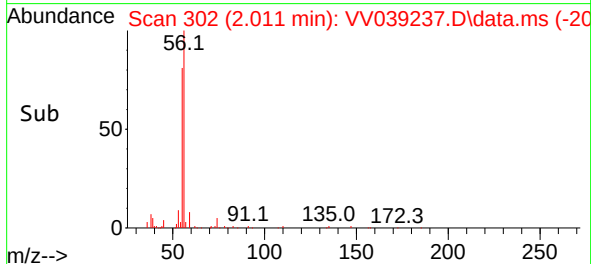
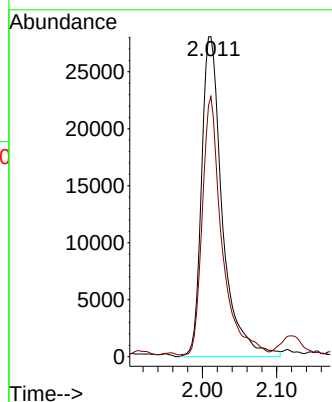


#13
Acrolein
Concen: 209.242 ug/l
RT: 2.011 min Scan# 301
Delta R.T. 0.003 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

Instrument :
MSVOA_V
ClientSampleId :

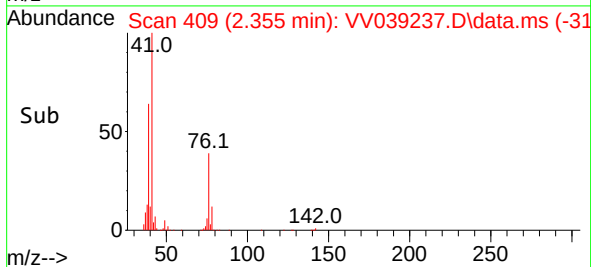
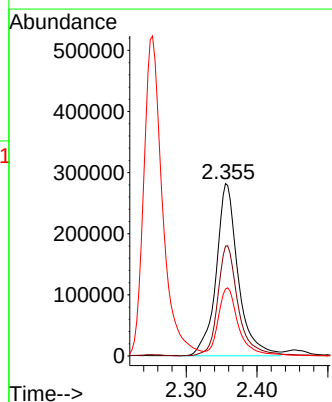
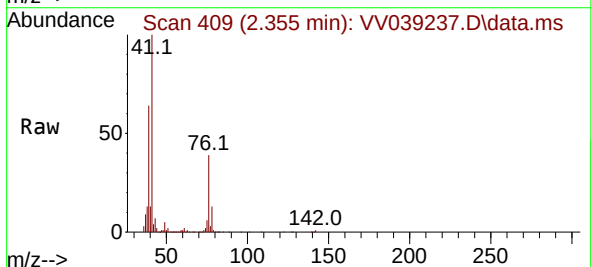


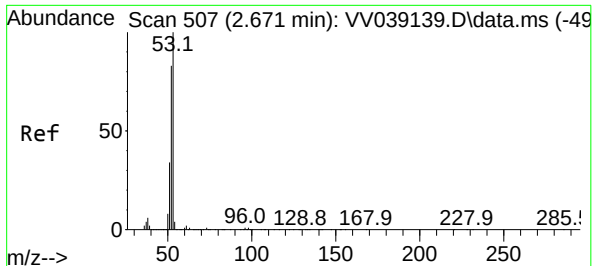
Tgt Ion: 56 Resp: 54873
Ion Ratio Lower Upper
56 100
55 75.7 56.2 84.4



#14
Allyl chloride
Concen: 45.576 ug/l
RT: 2.355 min Scan# 409
Delta R.T. -0.000 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

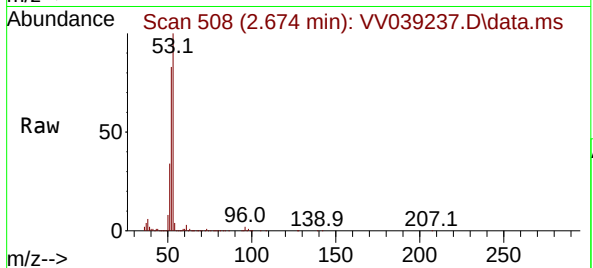
Tgt Ion: 41 Resp: 606456
Ion Ratio Lower Upper
41 100
39 60.4 51.0 76.6
76 36.9 28.2 42.4



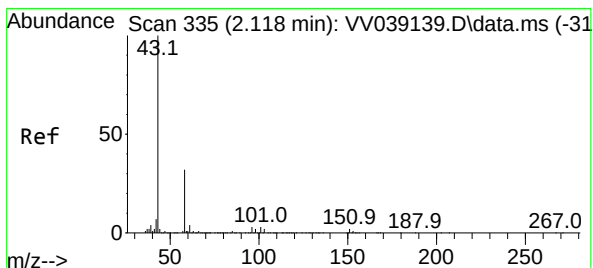
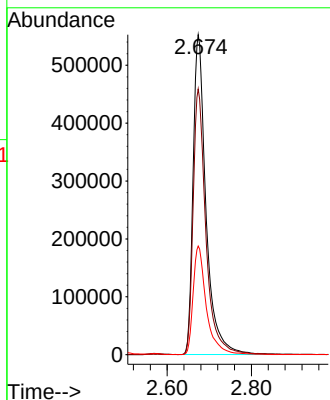
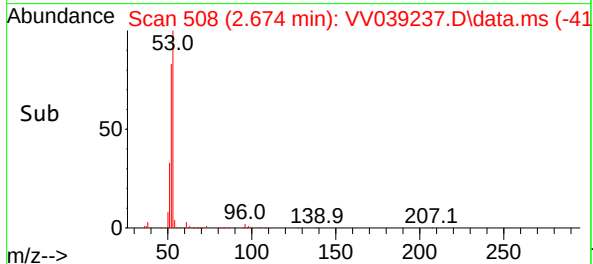


#15
Acrylonitrile
Concen: 243.193 ug/l
RT: 2.674 min Scan# 507
Delta R.T. 0.003 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

Instrument :
MSVOA_V
ClientSampleId :

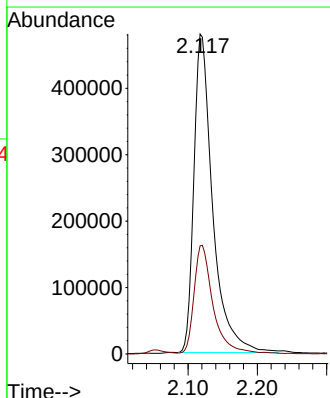
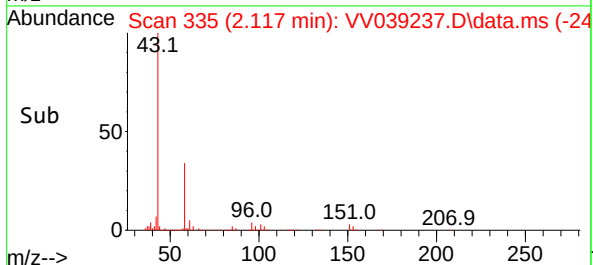
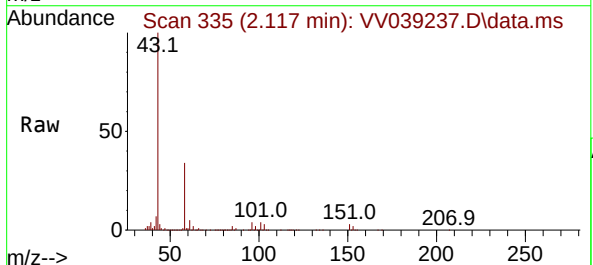


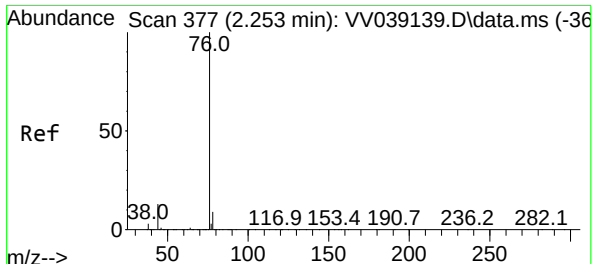
Tgt Ion: 53 Resp: 1178223
Ion Ratio Lower Upper
53 100
52 82.2 66.1 99.1
51 34.6 28.5 42.7



#16
Acetone
Concen: 201.215 ug/l
RT: 2.117 min Scan# 335
Delta R.T. -0.001 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

Tgt Ion: 43 Resp: 904116
Ion Ratio Lower Upper
43 100
58 33.7 25.8 38.6

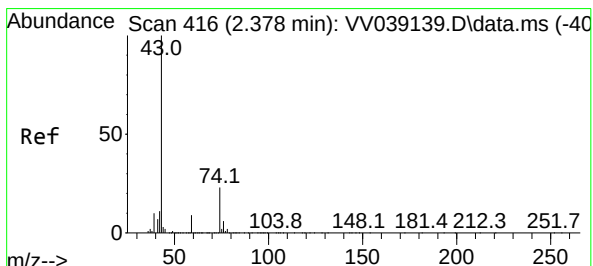
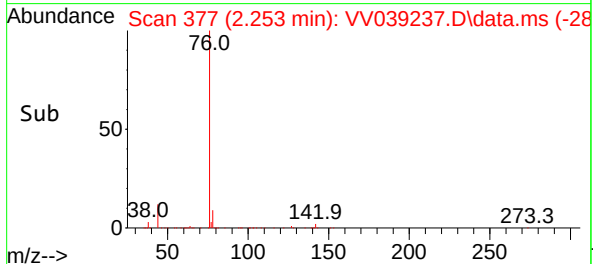
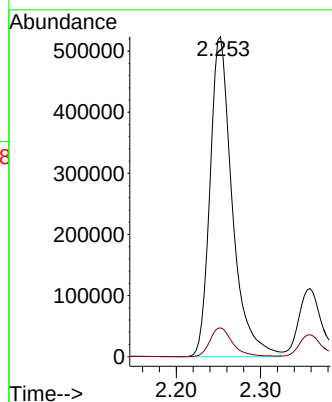
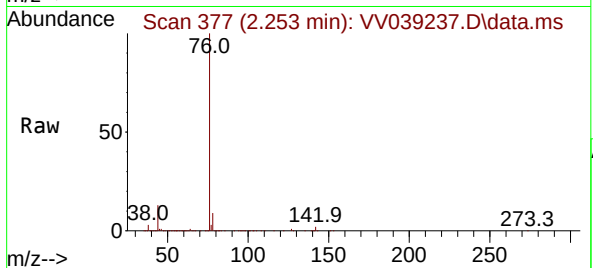




#17
Carbon Disulfide
Concen: 42.130 ug/l
RT: 2.253 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

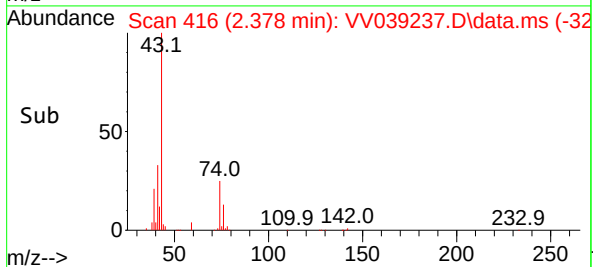
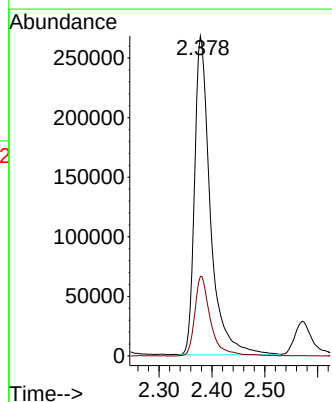
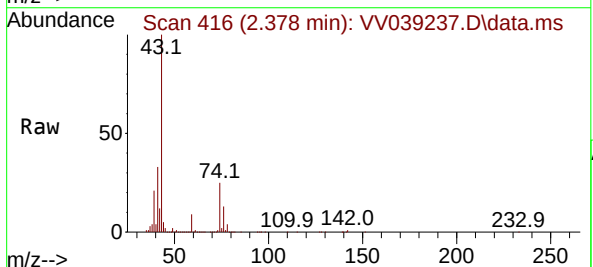
Instrument :
MSVOA_V
ClientSampleId :

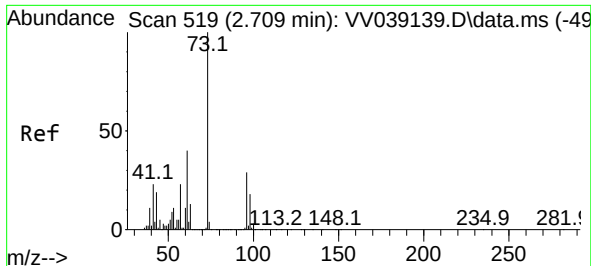
Tgt Ion: 76 Resp: 959826
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 52.479 ug/l
RT: 2.378 min Scan# 416
Delta R.T. -0.000 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

Tgt Ion: 43 Resp: 556007
Ion Ratio Lower Upper
43 100
74 25.1 18.6 27.8

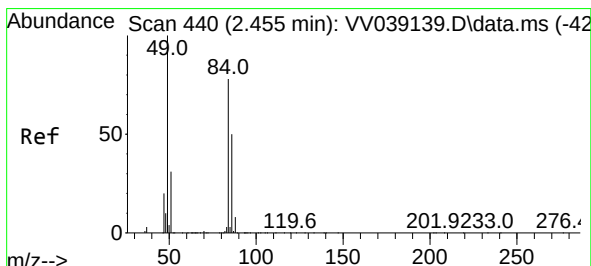
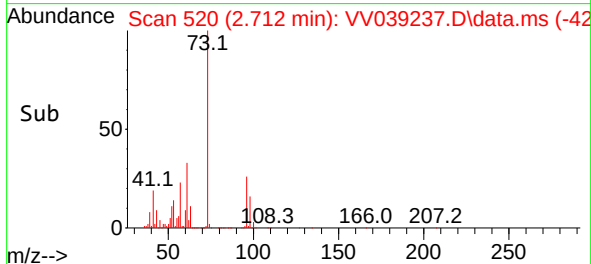
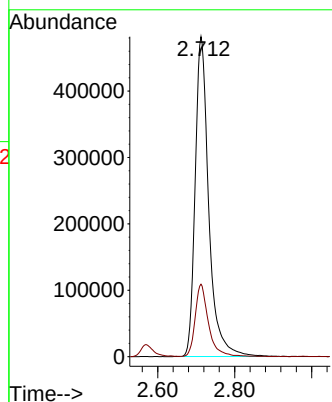
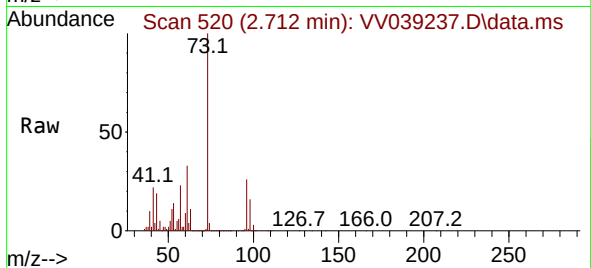




#19
Methyl tert-butyl Ether
Concen: 49.820 ug/l
RT: 2.712 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

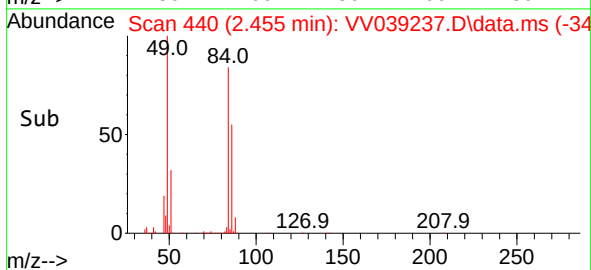
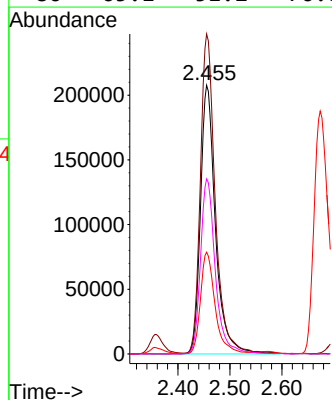
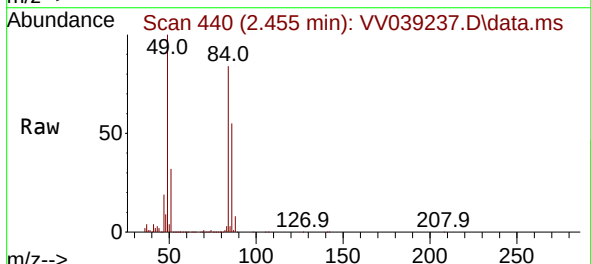
Instrument :
MSVOA_V
ClientSampleId :

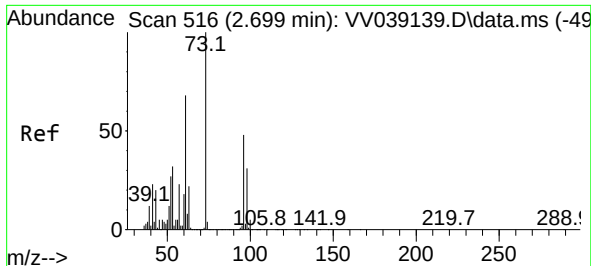
Tgt Ion: 73 Resp: 1182602
Ion Ratio Lower Upper
73 100
57 22.6 18.2 27.4



#20
Methylene Chloride
Concen: 54.112 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

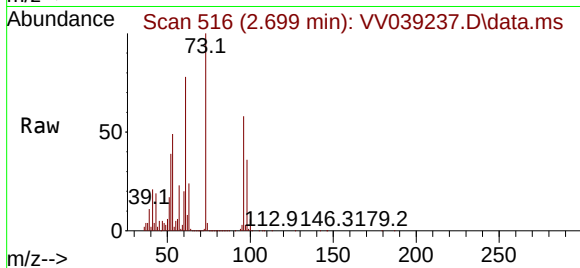
Tgt Ion: 84 Resp: 415757
Ion Ratio Lower Upper
84 100
49 118.7 102.8 154.2
51 37.6 31.9 47.9
86 65.1 51.2 76.8



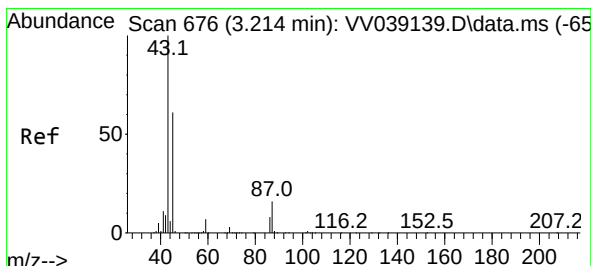
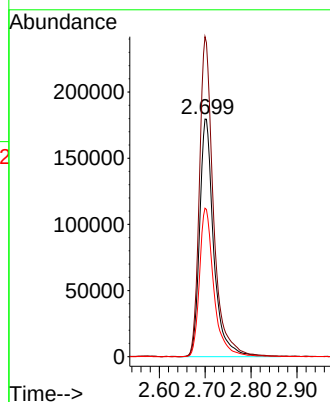
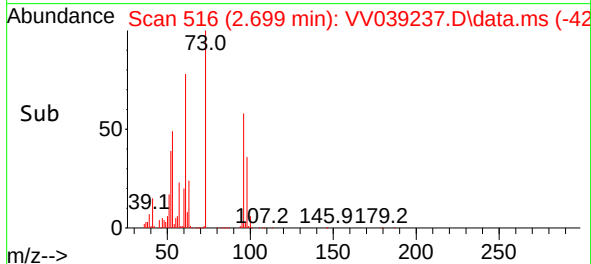


#21
trans-1,2-Dichloroethene
Concen: 48.340 ug/l
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

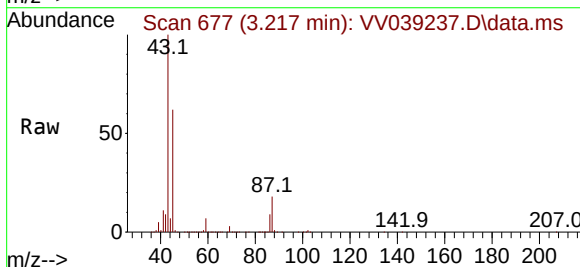
Instrument :
MSVOA_V
ClientSampleId :



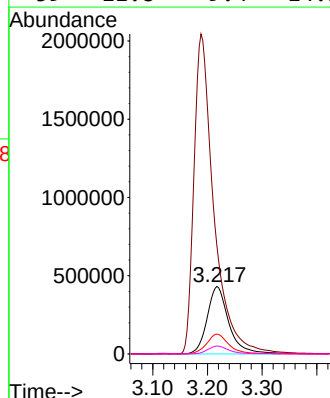
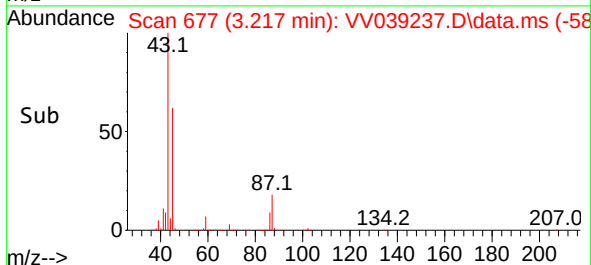
Tgt Ion: 96 Resp: 383354
Ion Ratio Lower Upper
96 100
61 134.7 112.8 169.2
98 62.5 51.1 76.7

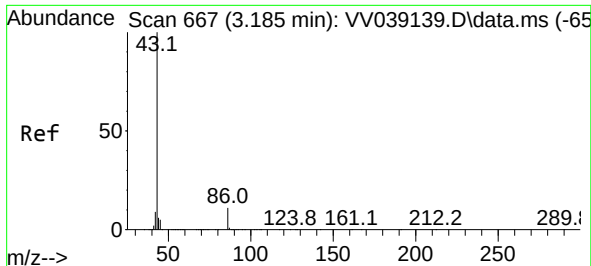


#22
Diisopropyl ether
Concen: 46.291 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.003 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15



Tgt Ion: 45 Resp: 1178542
Ion Ratio Lower Upper
45 100
43 161.0 130.9 196.3
87 29.4 21.1 31.7
59 11.8 9.4 14.2

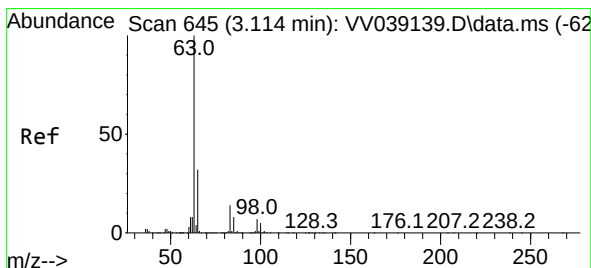
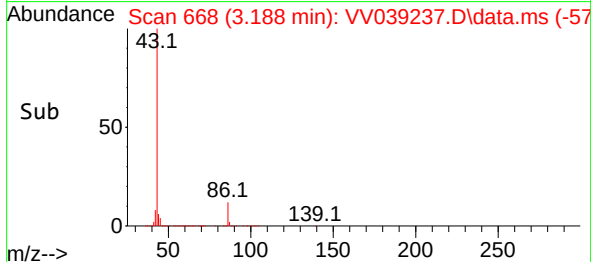
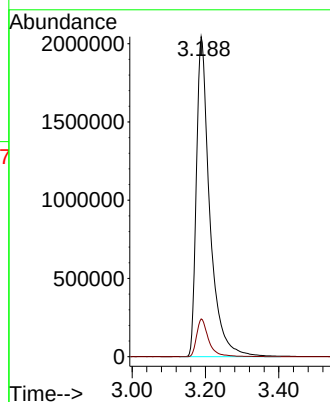
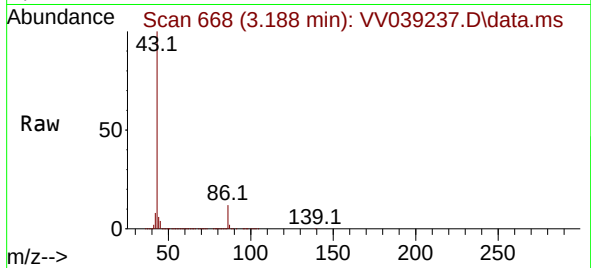




#23
 Vinyl Acetate
 Concen: 232.628 ug/l
 RT: 3.188 min Scan# 60
 Delta R.T. 0.003 min
 Lab File: VV039237.D
 Acq: 29 Sep 2025 17:15

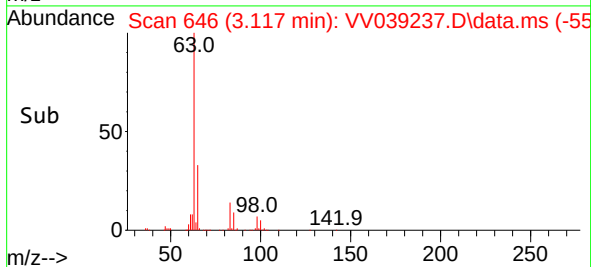
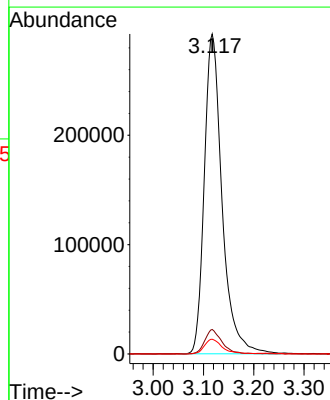
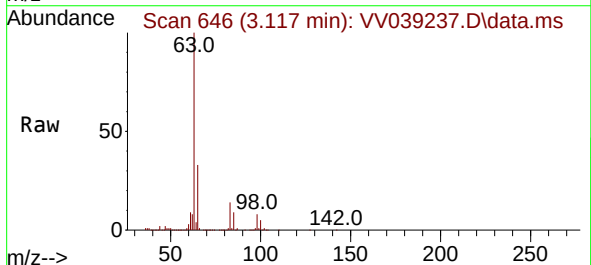
Instrument :
 MSVOA_V
 ClientSampleId :

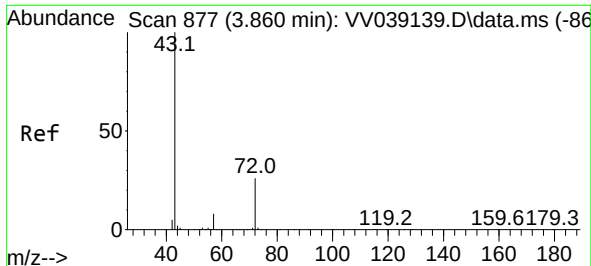
Tgt Ion: 43 Resp: 5180952
 Ion Ratio Lower Upper
 43 100
 86 11.8 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 46.143 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. 0.003 min
 Lab File: VV039237.D
 Acq: 29 Sep 2025 17:15

Tgt Ion: 63 Resp: 718406
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.4 10.2
 100 4.6 2.2 6.6

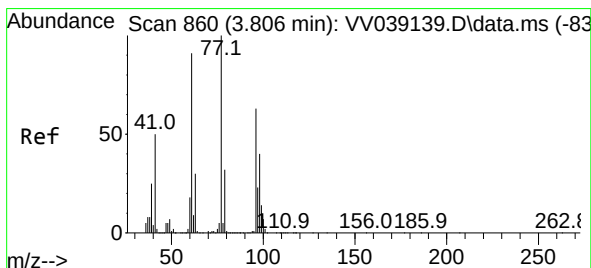
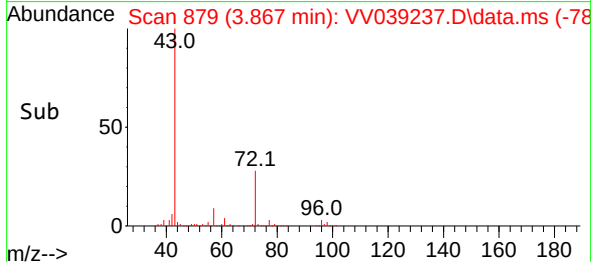
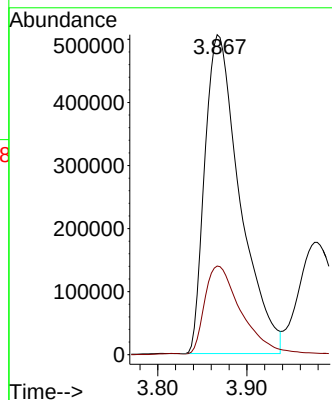
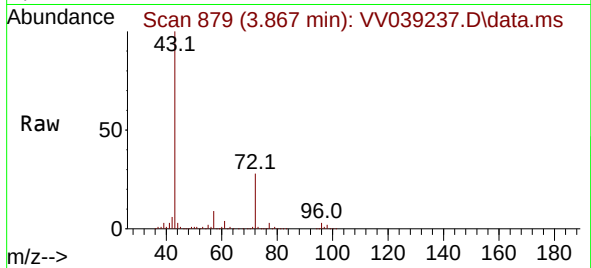




#25
2-Butanone
Concen: 242.327 ug/l
RT: 3.867 min Scan# 81
Delta R.T. 0.006 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

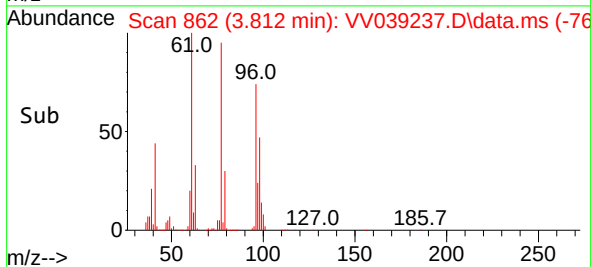
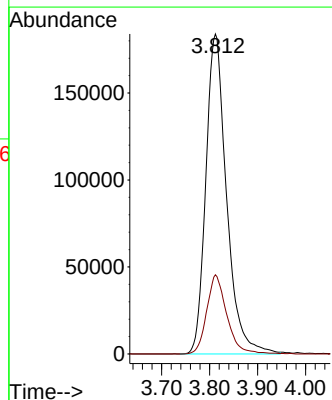
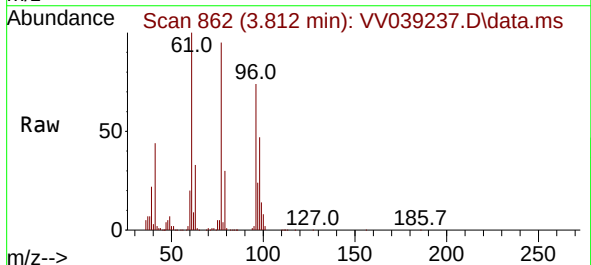
Instrument :
MSVOA_V
ClientSampleId :

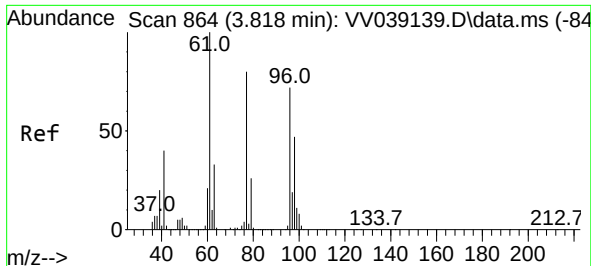
Tgt Ion: 43 Resp: 1387581
Ion Ratio Lower Upper
43 100
72 27.5 21.0 31.6



#26
2,2-Dichloropropane
Concen: 40.030 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.006 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

Tgt Ion: 77 Resp: 552601
Ion Ratio Lower Upper
77 100
97 24.0 11.6 34.7



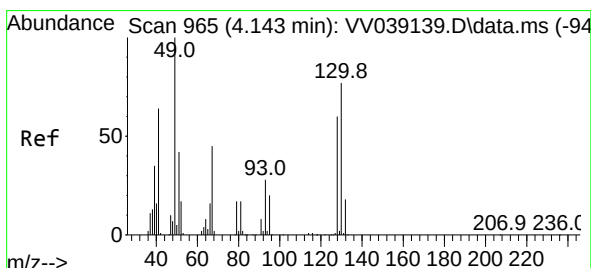
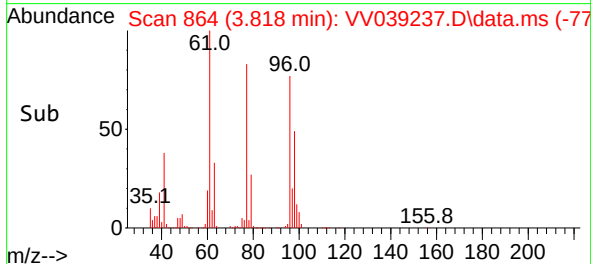
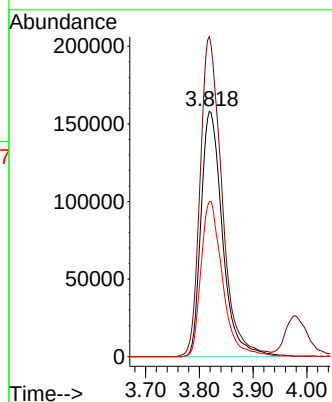
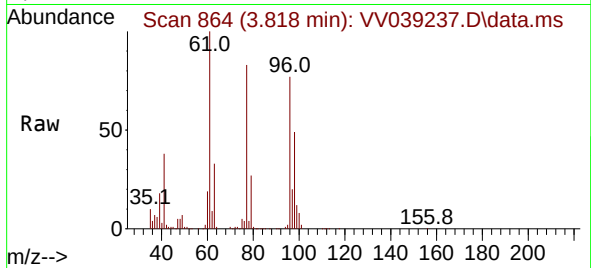


#27
 cis-1,2-Dichloroethene
 Concen: 50.080 ug/l
 RT: 3.818 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VV039237.D
 Acq: 29 Sep 2025 17:15

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 96 Resp: 438015

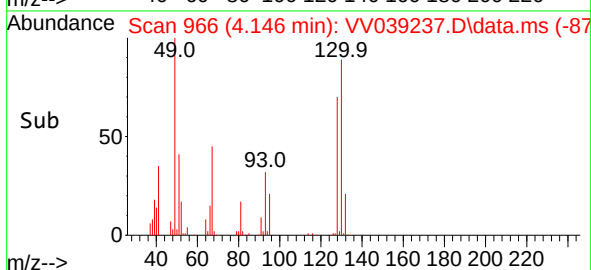
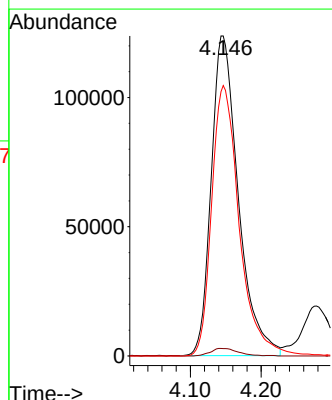
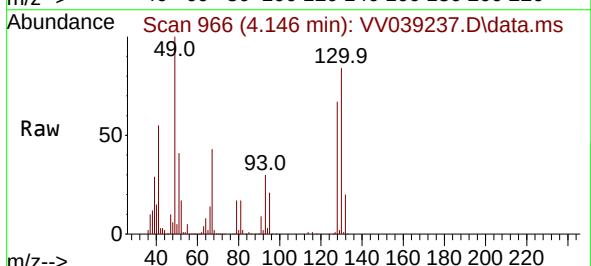
Ion	Ratio	Lower	Upper
96	100		
61	132.8	0.0	286.4
98	63.4	0.0	126.6

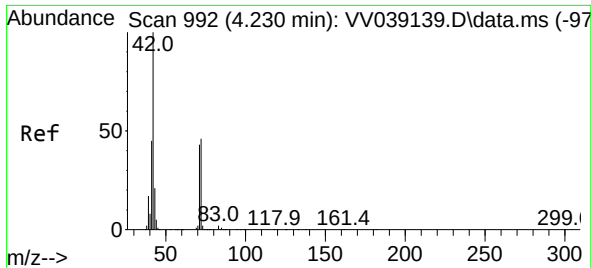


#28
 Bromochloromethane
 Concen: 47.856 ug/l
 RT: 4.146 min Scan# 966
 Delta R.T. 0.003 min
 Lab File: VV039237.D
 Acq: 29 Sep 2025 17:15

Tgt Ion: 49 Resp: 328927

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.2
130	86.3	60.2	90.2

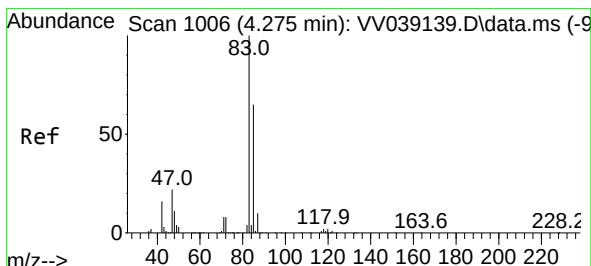
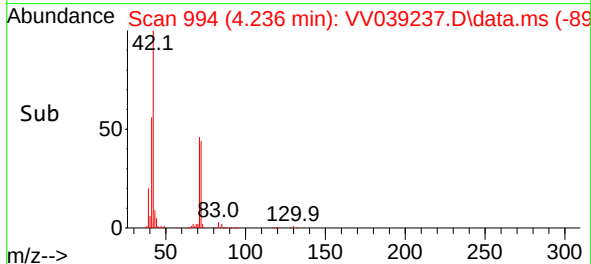
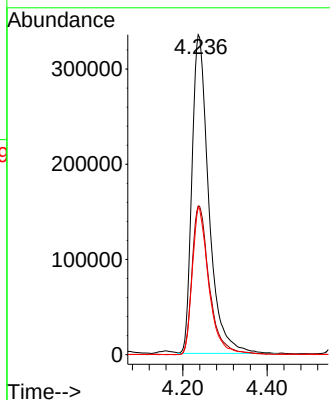
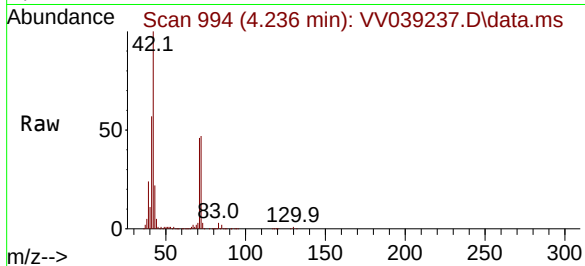




#29
Tetrahydrofuran
Concen: 259.623 ug/l
RT: 4.236 min Scan# 994
Delta R.T. 0.006 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

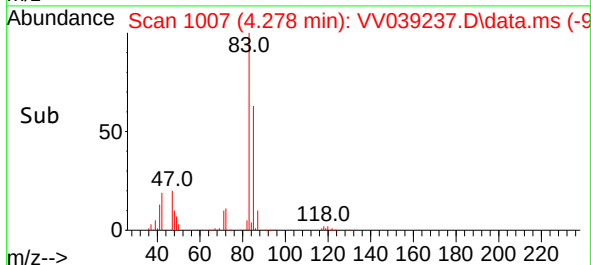
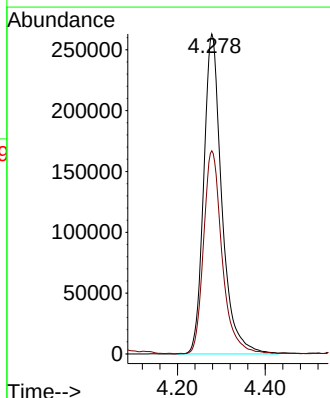
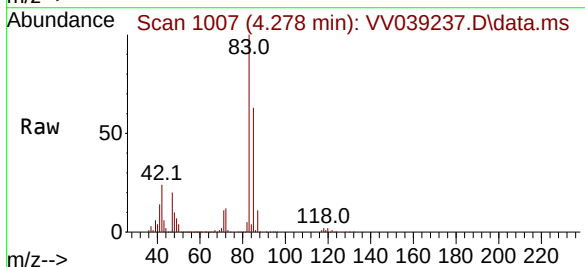
Instrument :
MSVOA_V
ClientSampleId :

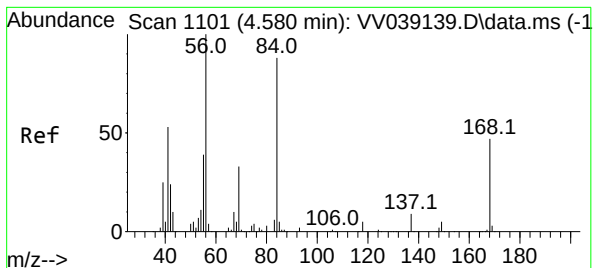
Tgt Ion: 42 Resp: 930513
Ion Ratio Lower Upper
42 100
72 47.7 36.3 54.5
71 45.4 34.3 51.5



#30
Chloroform
Concen: 46.409 ug/l
RT: 4.278 min Scan# 1007
Delta R.T. 0.003 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

Tgt Ion: 83 Resp: 754498
Ion Ratio Lower Upper
83 100
85 63.3 52.1 78.1





#31

Cyclohexane

Concen: 40.739 ug/l

RT: 4.584 min Scan# 1101

Delta R.T. 0.003 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

Instrument :

MSVOA_V

ClientSampleId :

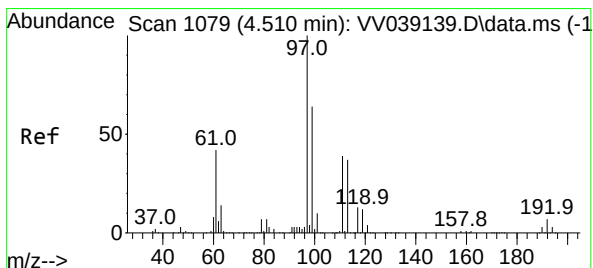
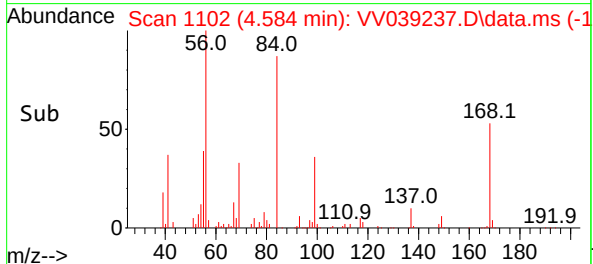
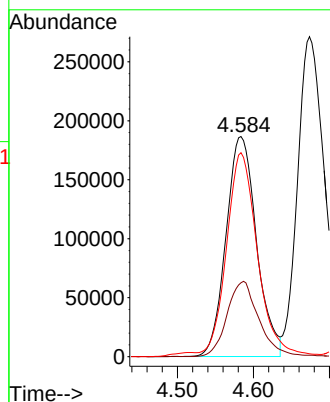
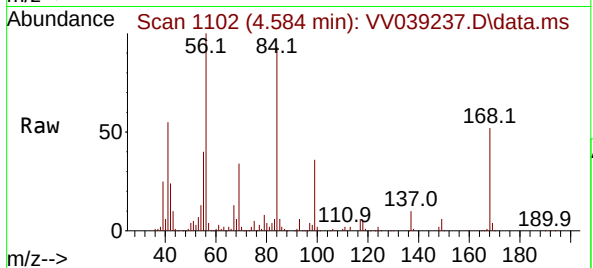
Tgt Ion: 56 Resp: 519580

Ion Ratio Lower Upper

56 100

69 33.5 26.2 39.2

84 91.2 70.3 105.5



#32

1,1,1-Trichloroethane

Concen: 46.645 ug/l

RT: 4.513 min Scan# 1080

Delta R.T. 0.003 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

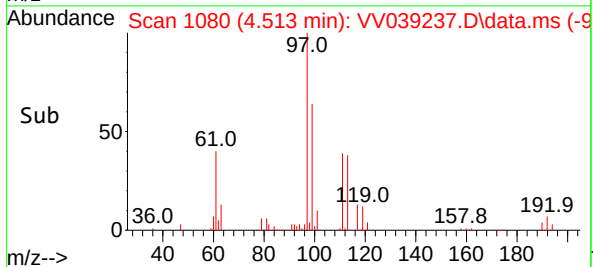
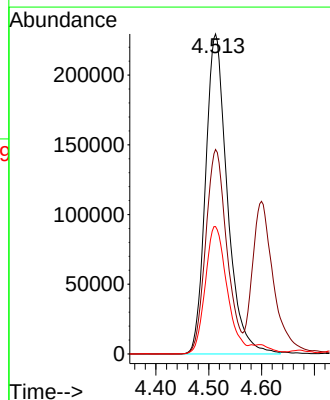
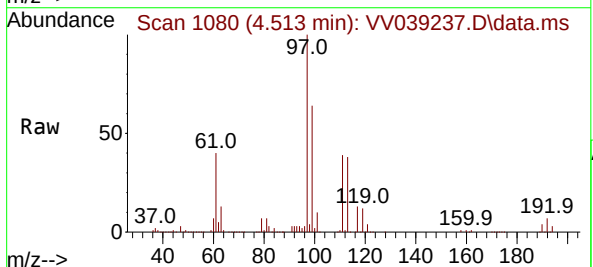
Tgt Ion: 97 Resp: 656518

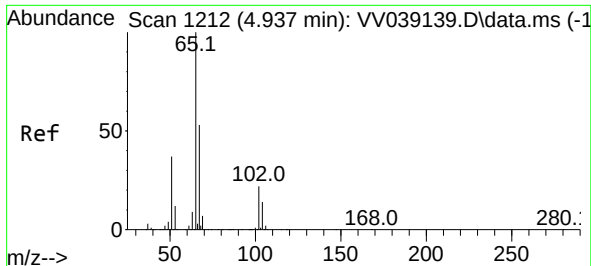
Ion Ratio Lower Upper

97 100

99 62.0 49.6 74.4

61 39.7 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 41.681 ug/l

RT: 4.944 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

Instrument :

MSVOA_V

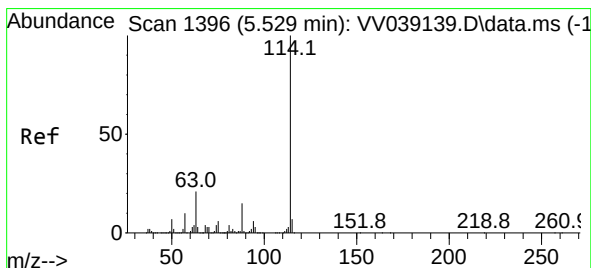
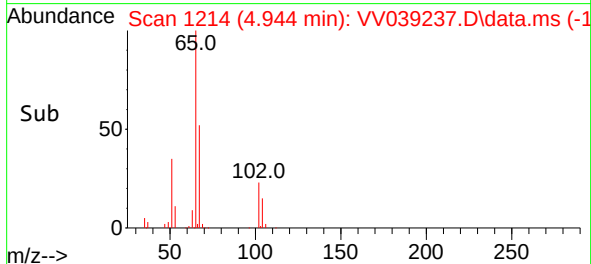
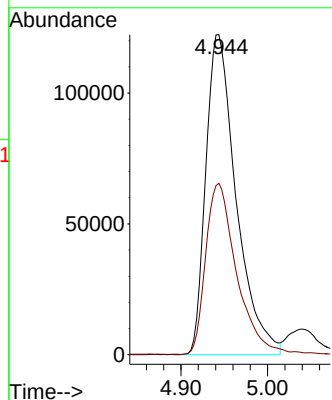
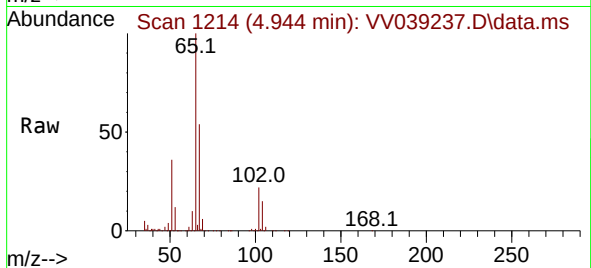
ClientSampleId :

Tgt Ion: 65 Resp: 298046

Ion Ratio Lower Upper

65 100

67 54.4 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

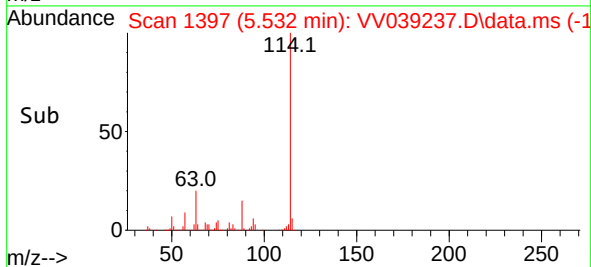
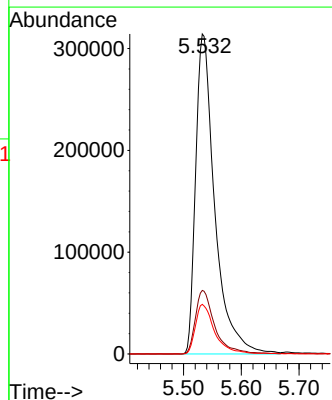
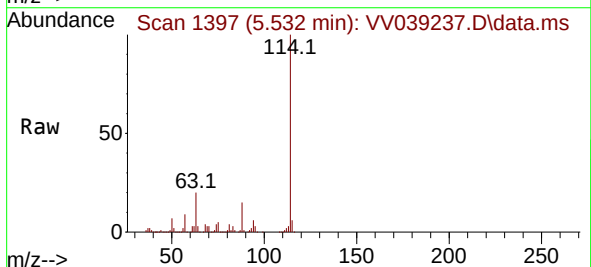
Tgt Ion: 114 Resp: 722914

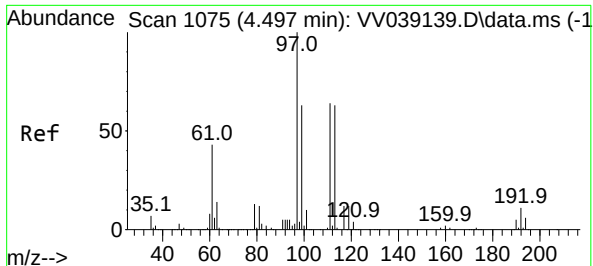
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.6

88 15.5 0.0 30.8

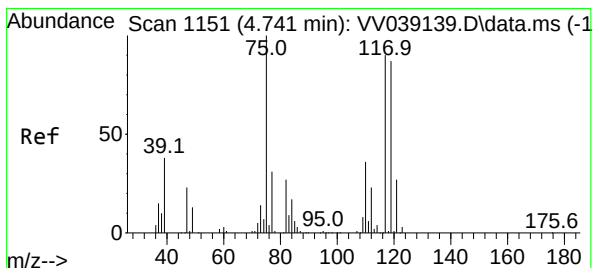
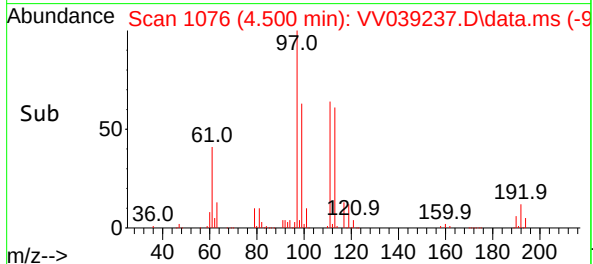
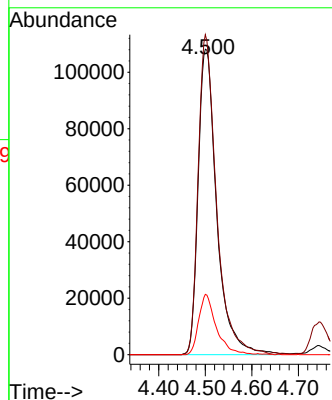
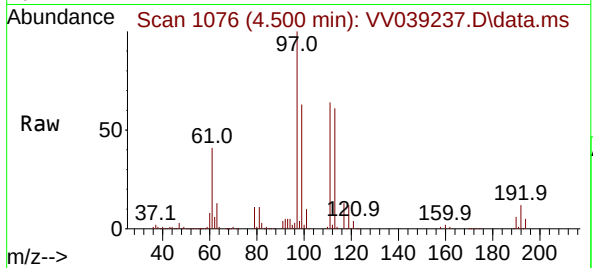




#35
Dibromofluoromethane
Concen: 51.701 ug/l
RT: 4.500 min Scan# 1107
Delta R.T. 0.003 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

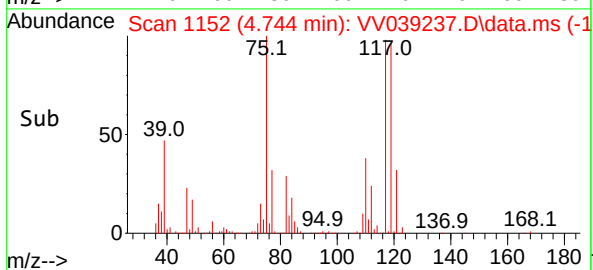
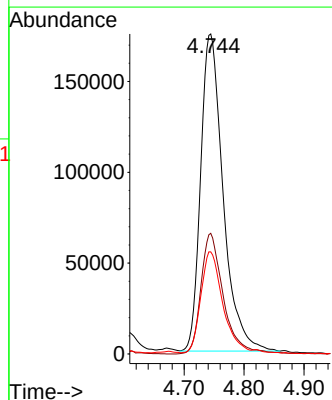
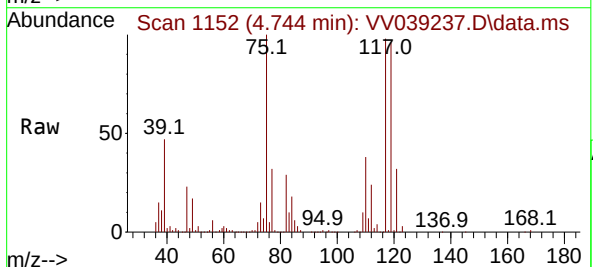
Instrument :
MSVOA_V
ClientSampleId :

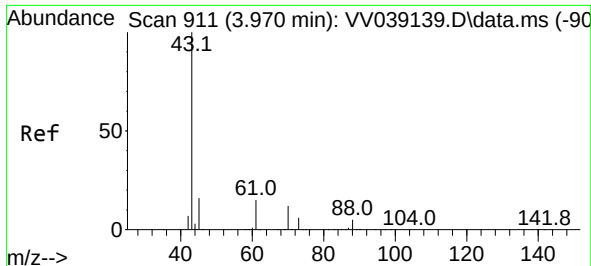
Tgt Ion:113 Resp: 300465
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 18.7 13.8 20.8



#36
1,1-Dichloropropene
Concen: 51.851 ug/l
RT: 4.744 min Scan# 1152
Delta R.T. 0.003 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

Tgt Ion: 75 Resp: 455596
Ion Ratio Lower Upper
75 100
110 38.0 18.1 54.1
77 30.7 24.8 37.2

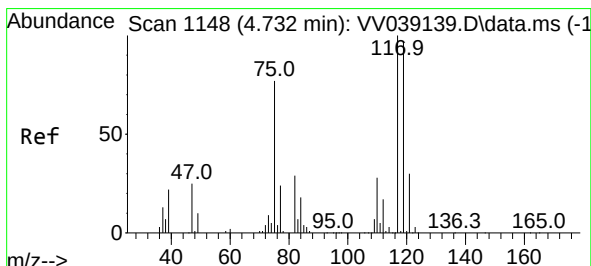
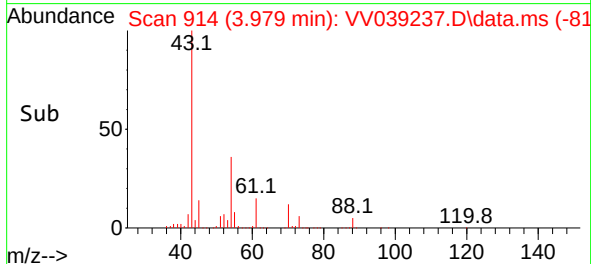
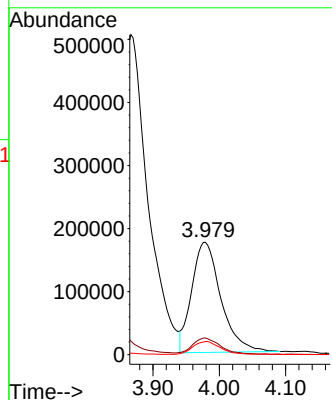
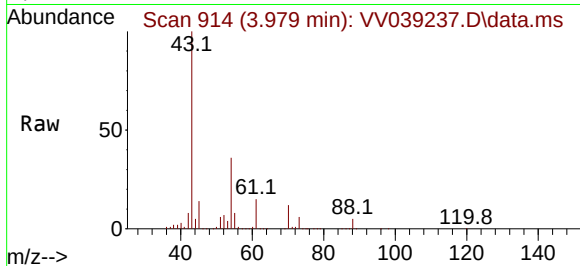




#37
Ethyl Acetate
Concen: 50.028 ug/l
RT: 3.979 min Scan# 911
Delta R.T. 0.009 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

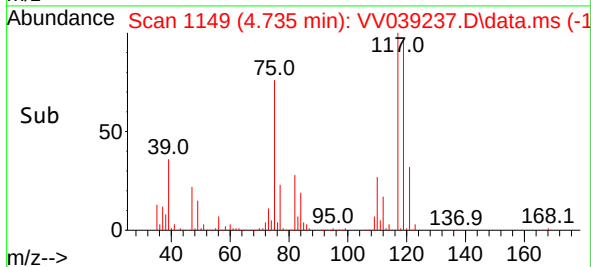
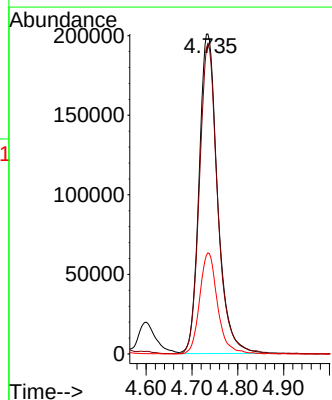
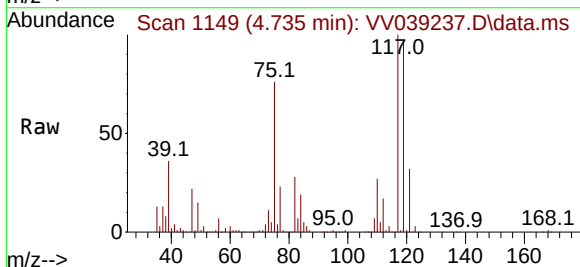
Instrument :
MSVOA_V
ClientSampleId :

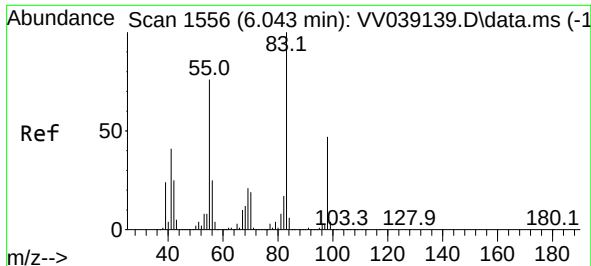
Tgt Ion: 43 Resp: 533392
Ion Ratio Lower Upper
43 100
61 13.9 10.3 15.5
70 10.9 8.0 12.0



#38
Carbon Tetrachloride
Concen: 52.275 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

Tgt Ion: 117 Resp: 561360
Ion Ratio Lower Upper
117 100
119 96.9 77.2 115.8
121 31.7 24.2 36.2





#39

Methylcyclohexane

Concen: 49.102 ug/l

RT: 6.047 min Scan# 11

Delta R.T. 0.004 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

Instrument :

MSVOA_V

ClientSampleId :

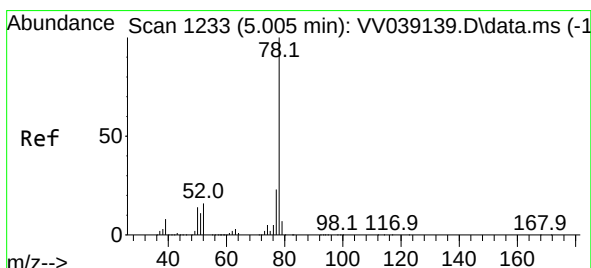
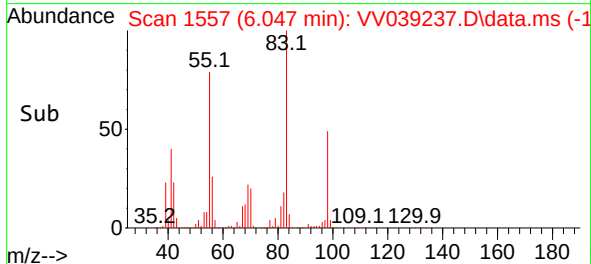
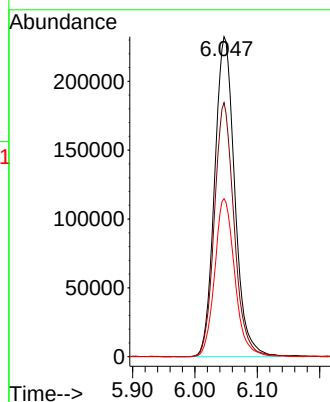
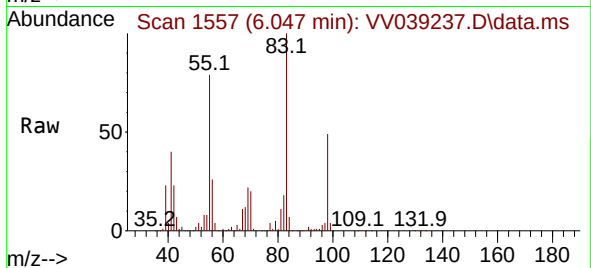
Tgt Ion: 83 Resp: 521023

Ion Ratio Lower Upper

83 100

55 79.4 60.5 90.7

98 49.3 37.8 56.6



#40

Benzene

Concen: 53.221 ug/l

RT: 5.008 min Scan# 1234

Delta R.T. 0.003 min

Lab File: VV039237.D

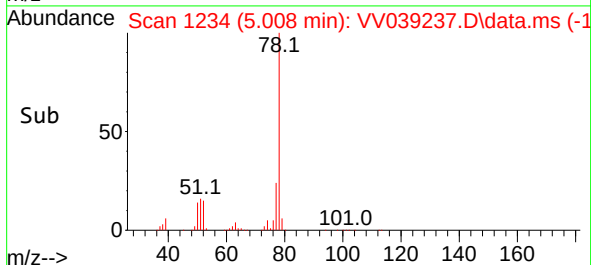
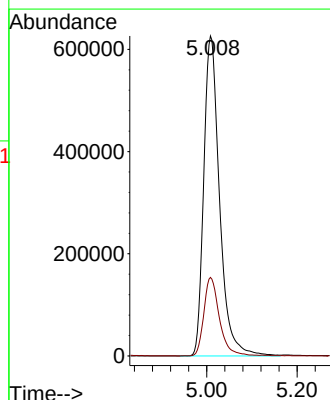
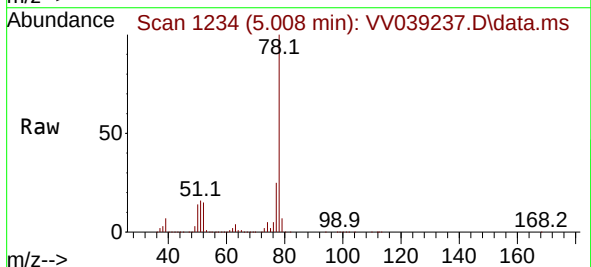
Acq: 29 Sep 2025 17:15

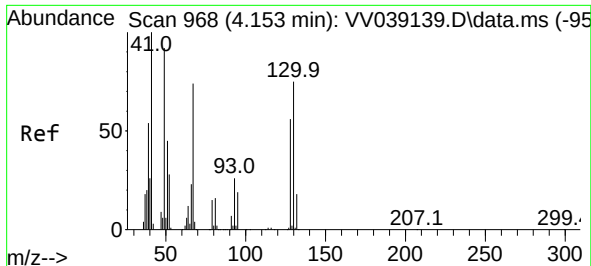
Tgt Ion: 78 Resp: 1522784

Ion Ratio Lower Upper

78 100

77 24.5 18.7 28.1

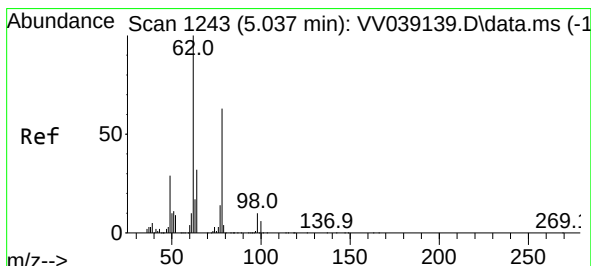
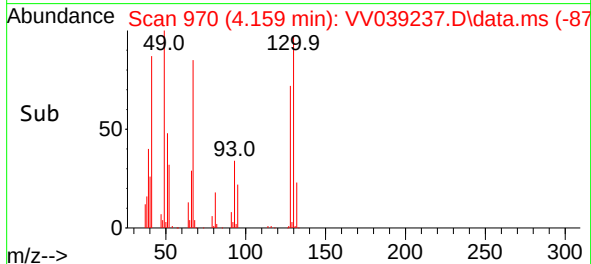
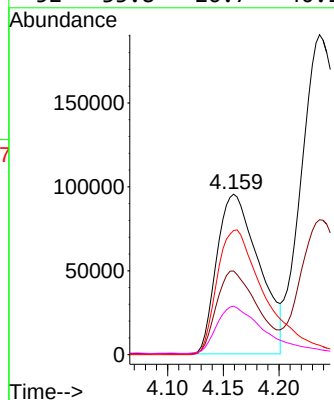
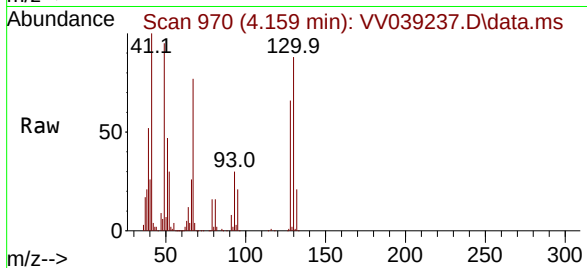




#41
Methacrylonitrile
Concen: 52.000 ug/l
RT: 4.159 min Scan# 91
Delta R.T. 0.006 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

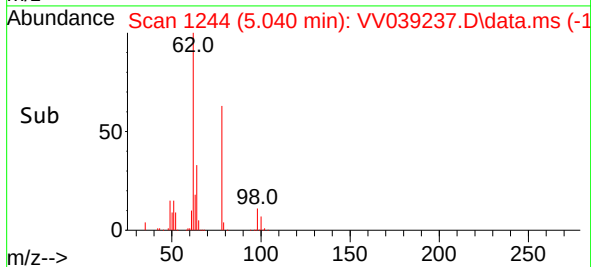
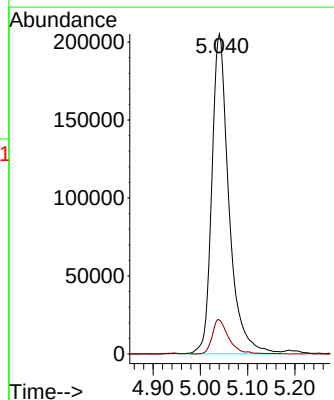
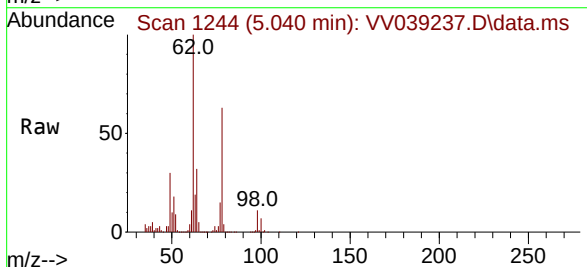
Instrument :
MSVOA_V
ClientSampleId :

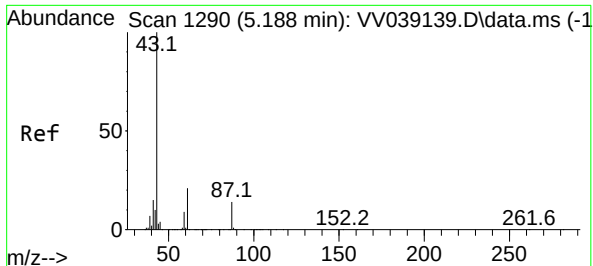
Tgt Ion: 41 Resp: 251054
Ion Ratio Lower Upper
41 100
39 50.9 42.2 63.2
67 92.1 67.9 101.9
52 33.8 26.7 40.1



#42
1,2-Dichloroethane
Concen: 51.551 ug/l
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

Tgt Ion: 62 Resp: 516822
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.2

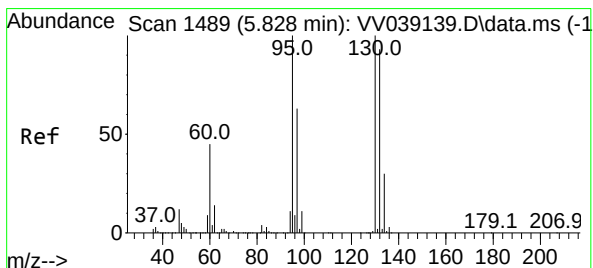
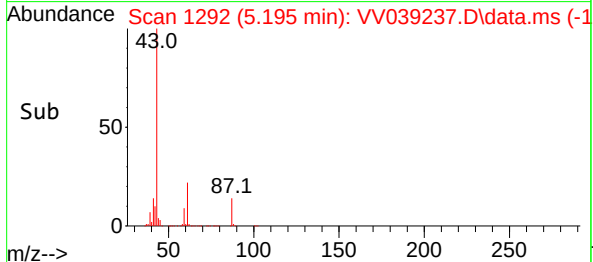
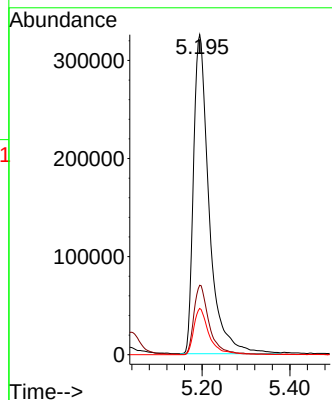
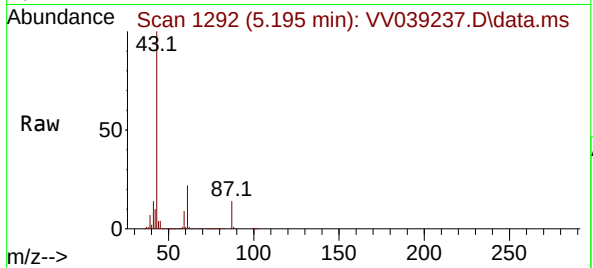




#43
Isopropyl Acetate
Concen: 55.271 ug/l
RT: 5.195 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

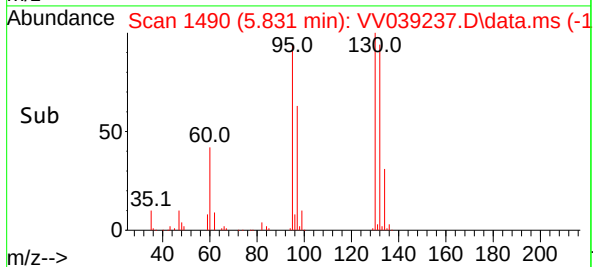
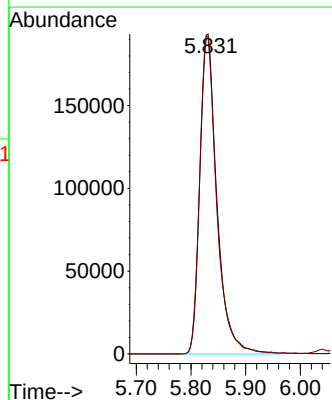
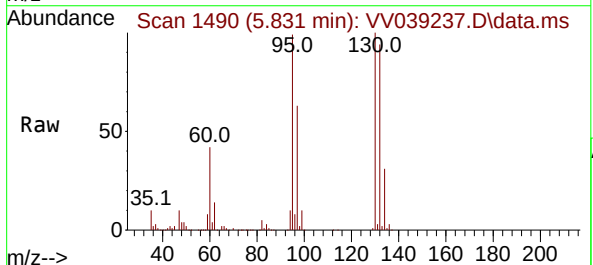
Instrument :
MSVOA_V
ClientSampleId :

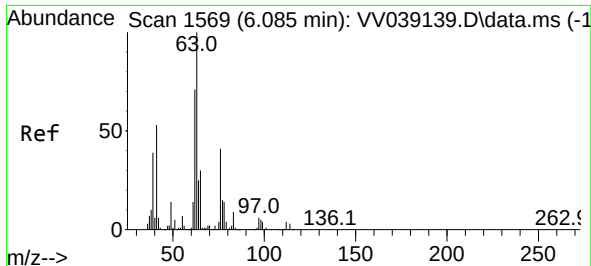
Tgt Ion: 43 Resp: 803487
Ion Ratio Lower Upper
43 100
61 21.0 15.9 23.9
87 14.1 11.0 16.6



#44
Trichloroethene
Concen: 63.243 ug/l
RT: 5.831 min Scan# 1490
Delta R.T. 0.003 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

Tgt Ion:130 Resp: 417556
Ion Ratio Lower Upper
130 100
95 98.7 0.0 199.2





#45

1,2-Dichloropropane

Concen: 55.758 ug/l

RT: 6.088 min Scan# 1569

Delta R.T. 0.003 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

Instrument :

MSVOA_V

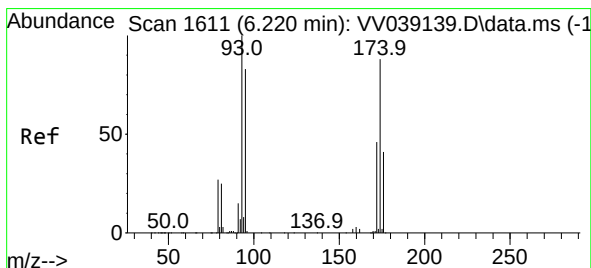
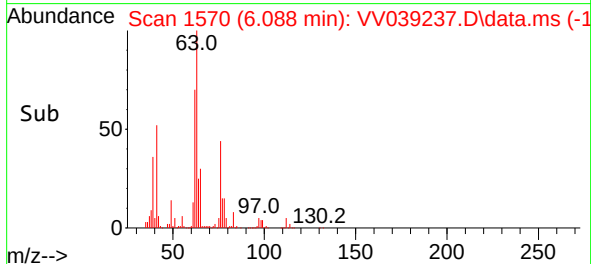
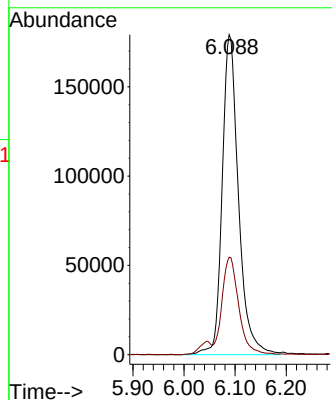
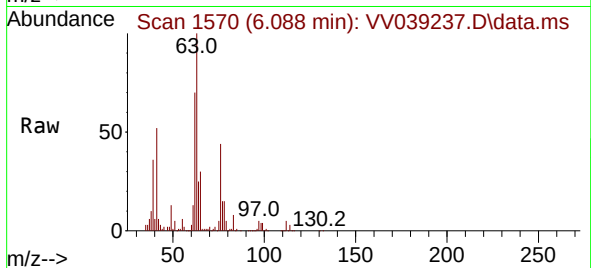
ClientSampleId :

Tgt Ion: 63 Resp: 396539

Ion Ratio Lower Upper

63 100

65 30.4 23.7 35.5



#46

Dibromomethane

Concen: 55.239 ug/l

RT: 6.223 min Scan# 1612

Delta R.T. 0.003 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

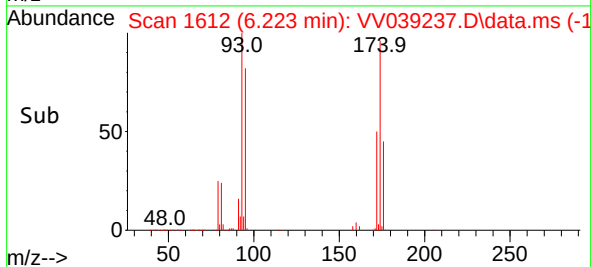
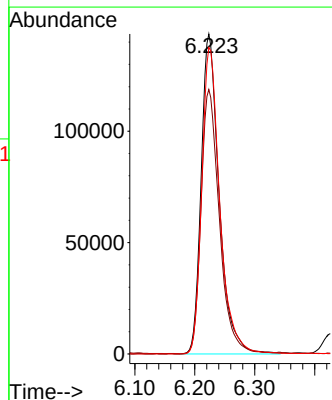
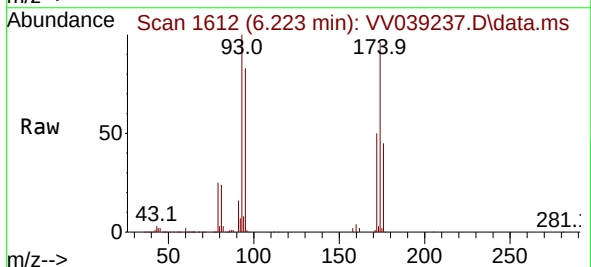
Tgt Ion: 93 Resp: 300681

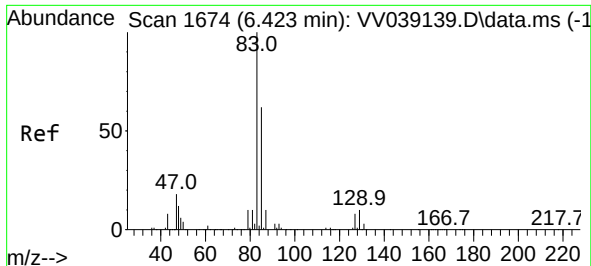
Ion Ratio Lower Upper

93 100

95 83.9 65.5 98.3

174 96.2 69.0 103.4

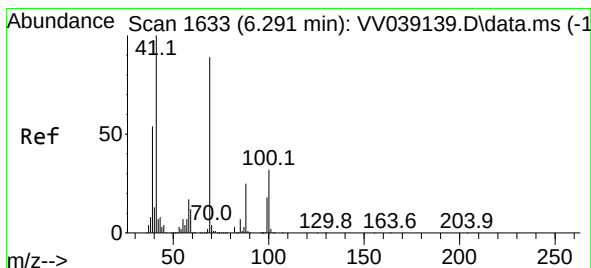
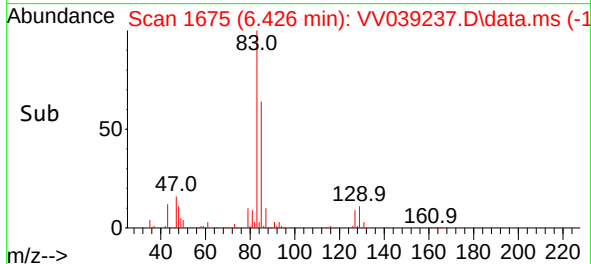
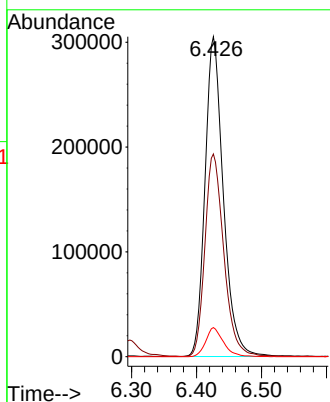
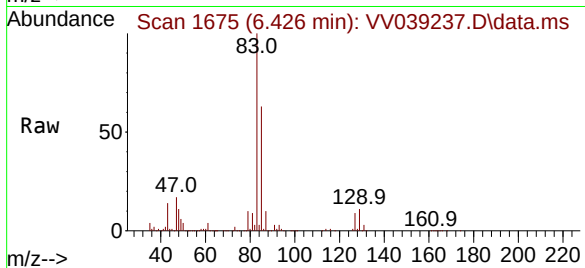




#47
Bromodichloromethane
Concen: 53.355 ug/l
RT: 6.426 min Scan# 1675
Delta R.T. 0.003 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

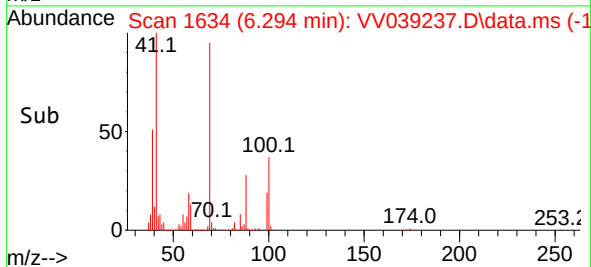
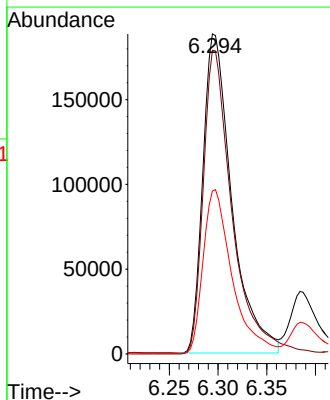
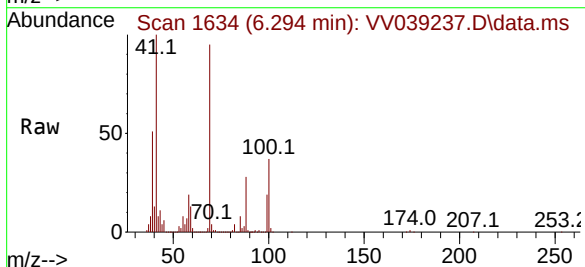
Instrument :
MSVOA_V
ClientSampleId :

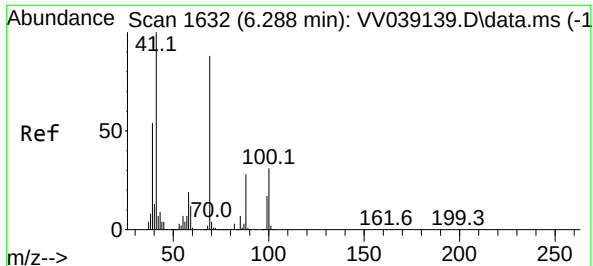
Tgt Ion: 83 Resp: 600401
Ion Ratio Lower Upper
83 100
85 63.2 49.7 74.5
127 9.1 6.6 9.8



#48
Methyl methacrylate
Concen: 59.056 ug/l
RT: 6.294 min Scan# 1634
Delta R.T. 0.003 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

Tgt Ion: 41 Resp: 389168
Ion Ratio Lower Upper
41 100
69 95.3 72.4 108.6
39 51.3 42.5 63.7





#49

1,4-Dioxane

Concen: 1265.383 ug/l

RT: 6.291 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

Instrument :

MSVOA_V

ClientSampleId :

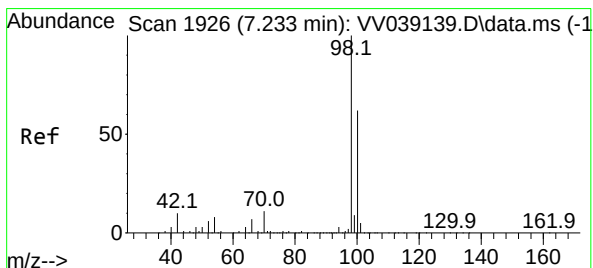
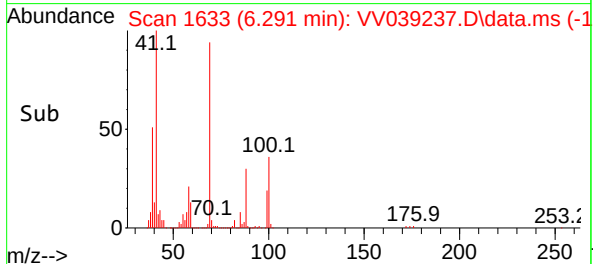
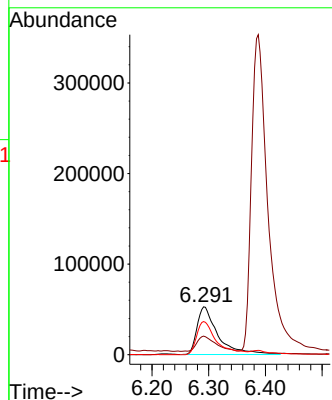
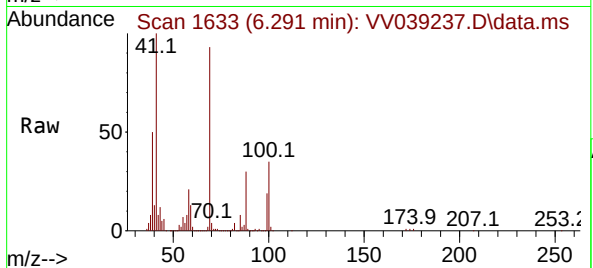
Tgt Ion: 88 Resp: 134567

Ion Ratio Lower Upper

88 100

43 27.3 25.1 37.7

58 66.1 53.6 80.4



#50

Toluene-d8

Concen: 49.271 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.003 min

Lab File: VV039237.D

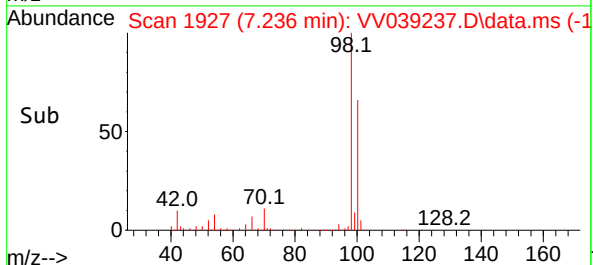
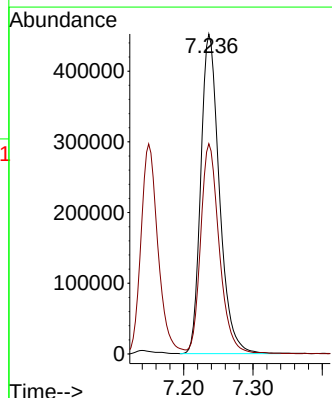
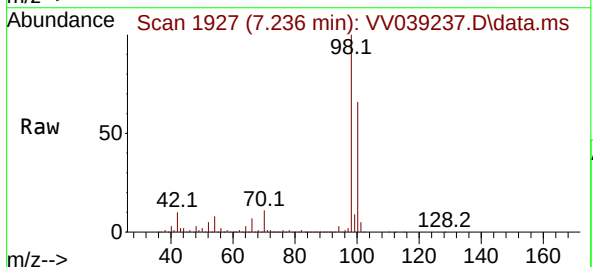
Acq: 29 Sep 2025 17:15

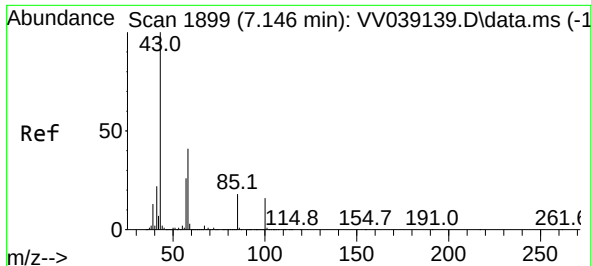
Tgt Ion: 98 Resp: 841006

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 303.149 ug/l

RT: 7.149 min Scan# 1899

Delta R.T. 0.003 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

Instrument :

MSVOA_V

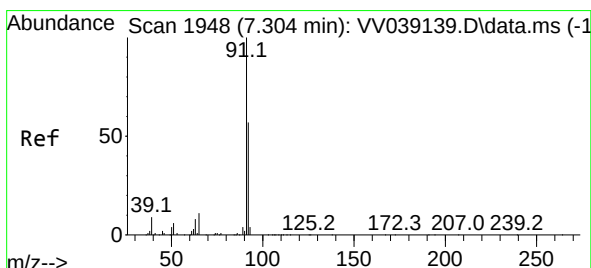
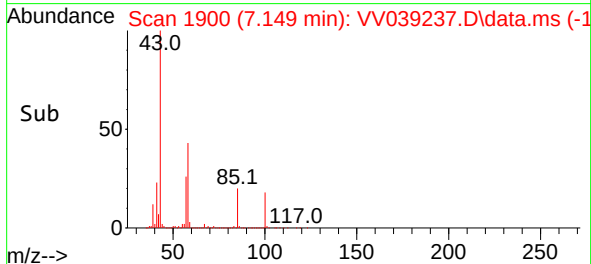
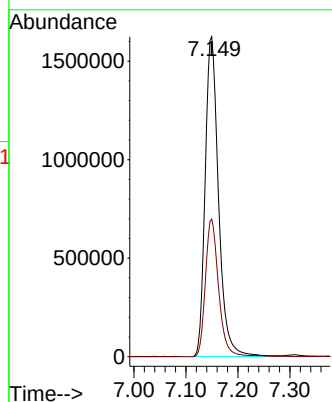
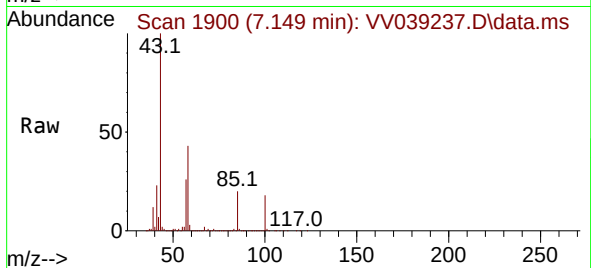
ClientSampleId :

Tgt Ion: 43 Resp: 2899248

Ion Ratio Lower Upper

43 100

58 42.3 32.3 48.5



#52

Toluene

Concen: 58.584 ug/l

RT: 7.307 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV039237.D

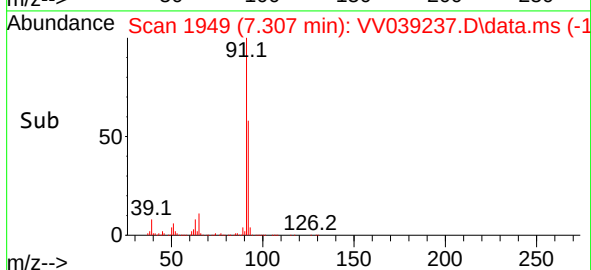
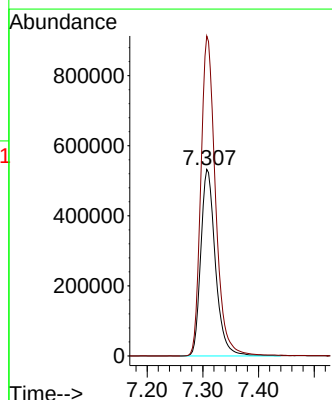
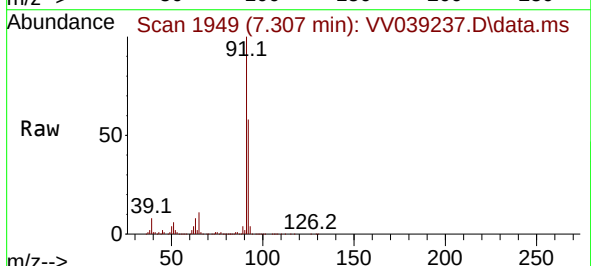
Acq: 29 Sep 2025 17:15

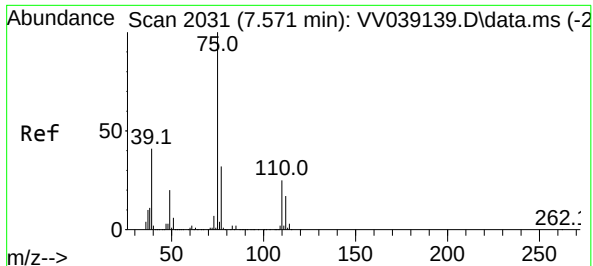
Tgt Ion: 92 Resp: 971887

Ion Ratio Lower Upper

92 100

91 171.7 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 57.011 ug/l

RT: 7.574 min Scan# 2031

Delta R.T. 0.003 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

Instrument :

MSVOA_V

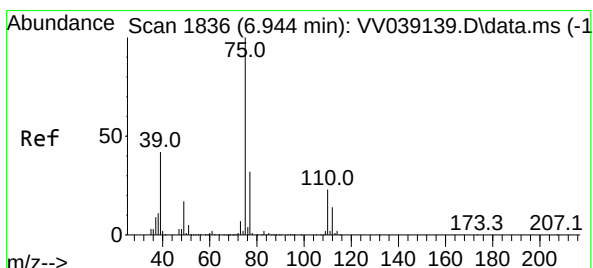
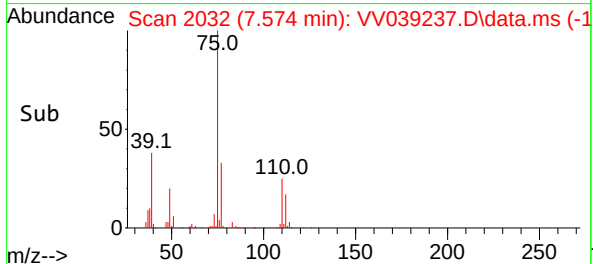
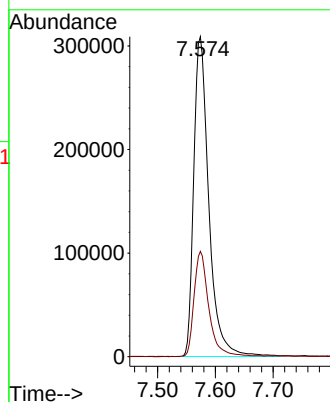
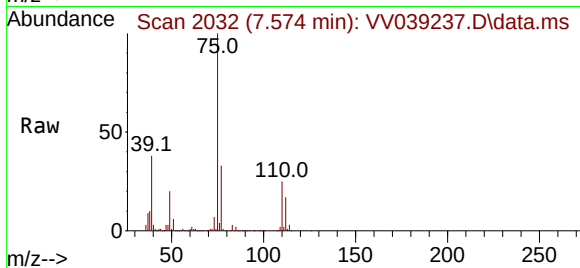
ClientSampleId :

Tgt Ion: 75 Resp: 559095

Ion Ratio Lower Upper

75 100

77 32.8 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 51.725 ug/l

RT: 6.947 min Scan# 1837

Delta R.T. 0.003 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

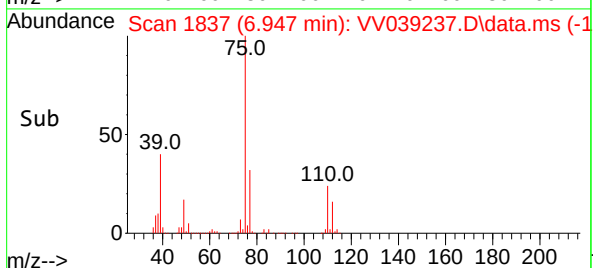
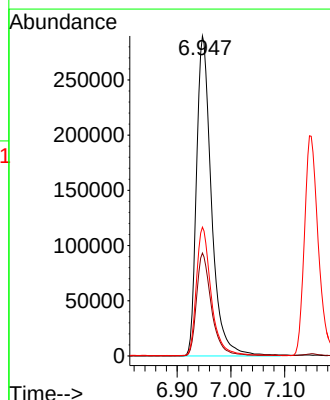
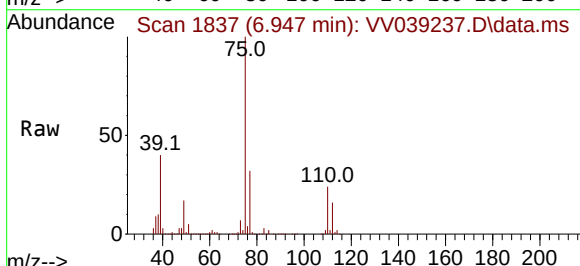
Tgt Ion: 75 Resp: 559990

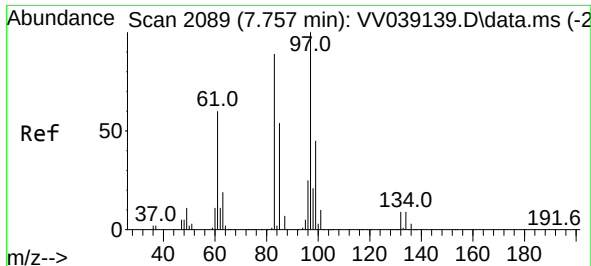
Ion Ratio Lower Upper

75 100

77 32.1 25.5 38.3

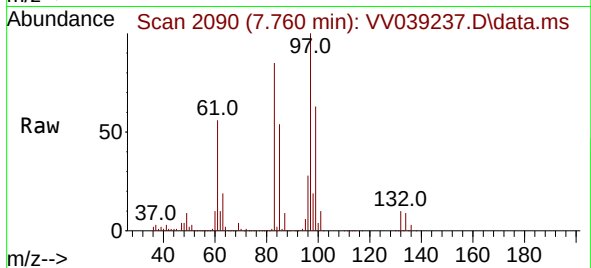
39 40.1 33.8 50.6



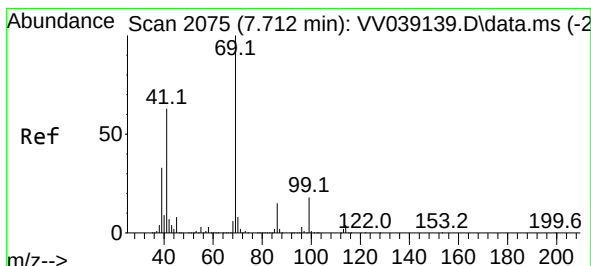
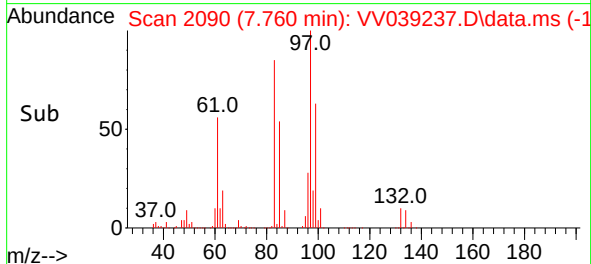
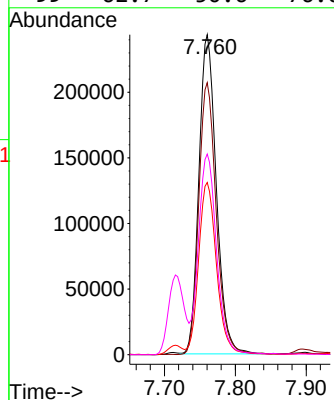


#55
1,1,2-Trichloroethane
Concen: 55.730 ug/l
RT: 7.760 min Scan# 2089
Delta R.T. 0.003 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

Instrument :
MSVOA_V
ClientSampleId :

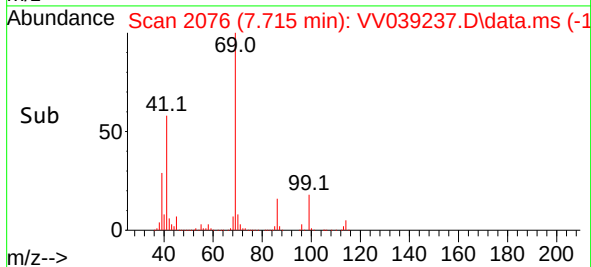
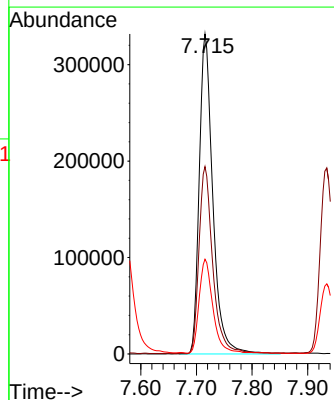
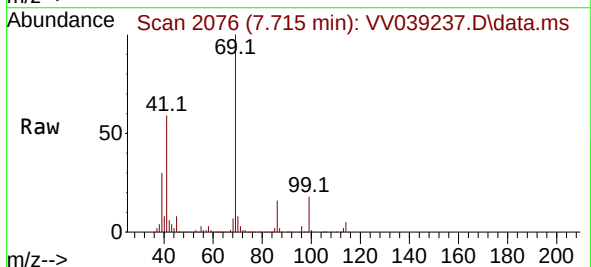


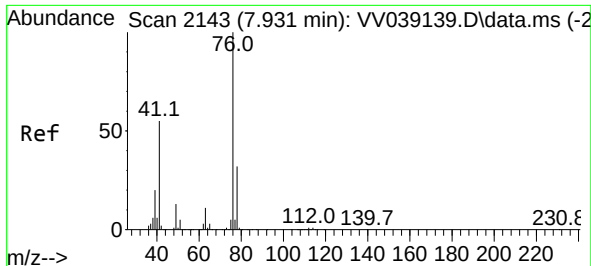
Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.1	71.1	106.7
85	53.8	44.6	67.0
99	62.7	50.6	76.0



#56
Ethyl methacrylate
Concen: 63.672 ug/l
RT: 7.715 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

Tgt Ion	Ratio	Lower	Upper
69	100		
41	59.5	50.7	76.1
39	29.6	26.0	39.0

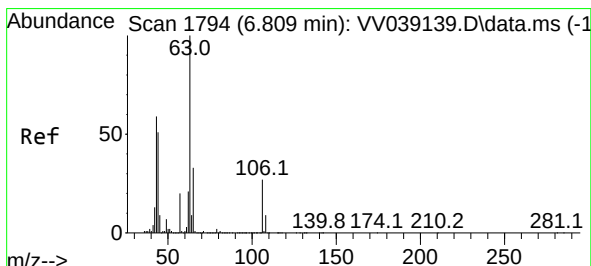
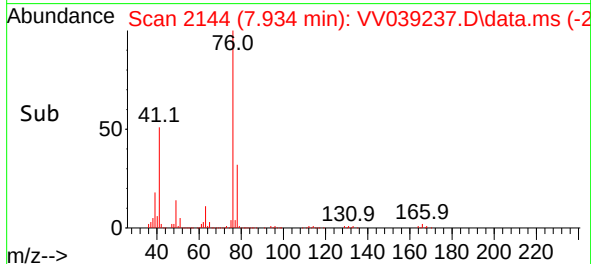
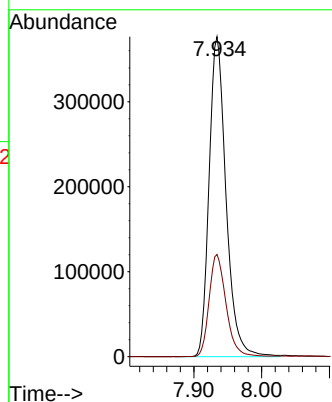
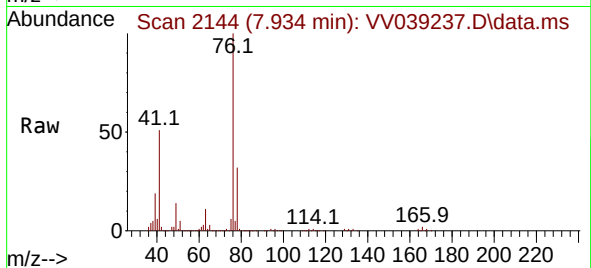




#57
1,3-Dichloropropane
Concen: 55.659 ug/l
RT: 7.934 min Scan# 2143
Delta R.T. 0.003 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

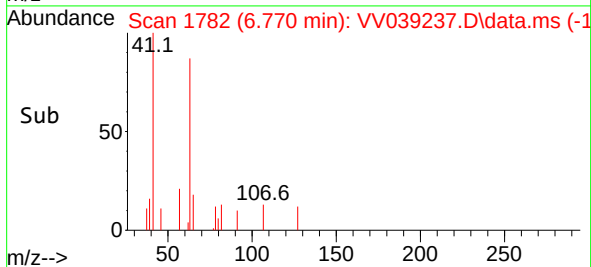
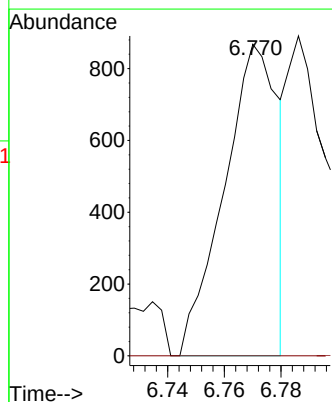
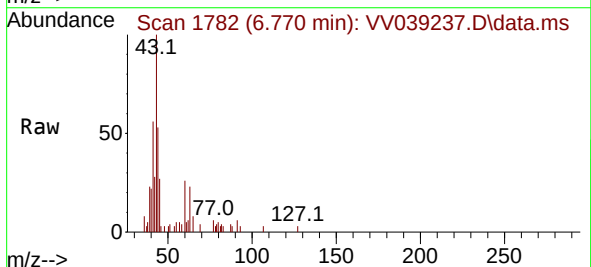
Instrument :
MSVOA_V
ClientSampleId :

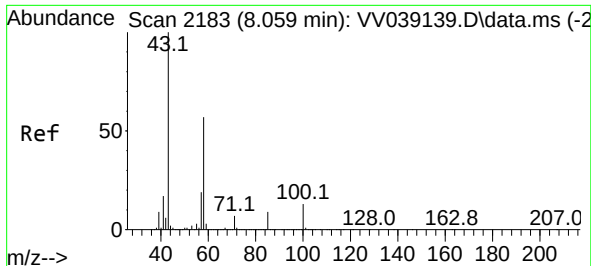
Tgt Ion: 76 Resp: 653401
Ion Ratio Lower Upper
76 100
78 31.9 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 9.843 ug/l
RT: 6.770 min Scan# 1782
Delta R.T. -0.039 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

Tgt Ion: 63 Resp: 1144
Ion Ratio Lower Upper
63 100
106 0.0 22.1 33.1#





#59

2-Hexanone

Concen: 283.389 ug/l

RT: 8.063 min Scan# 2184

Delta R.T. 0.004 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

Instrument :

MSVOA_V

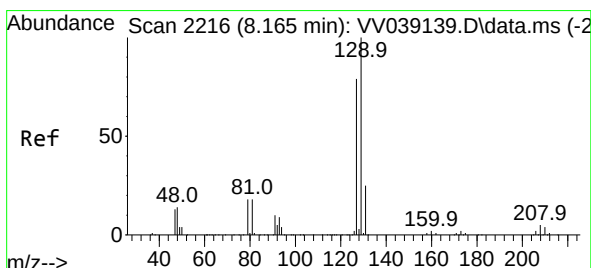
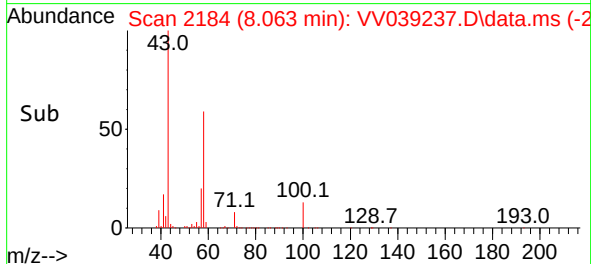
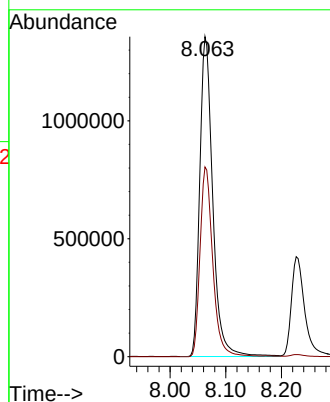
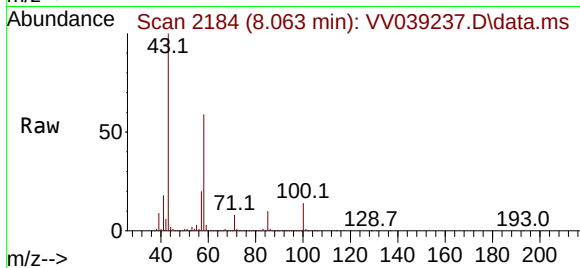
ClientSampleId :

Tgt Ion: 43 Resp: 2190138

Ion Ratio Lower Upper

43 100

58 58.4 28.3 85.0



#60

Dibromochloromethane

Concen: 57.553 ug/l

RT: 8.169 min Scan# 2217

Delta R.T. 0.003 min

Lab File: VV039237.D

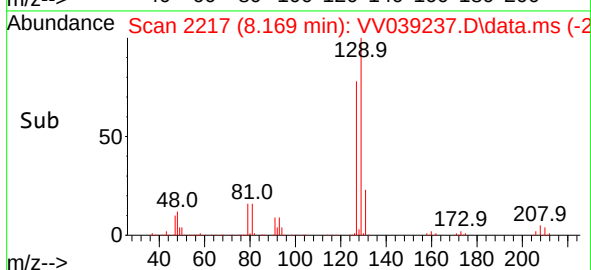
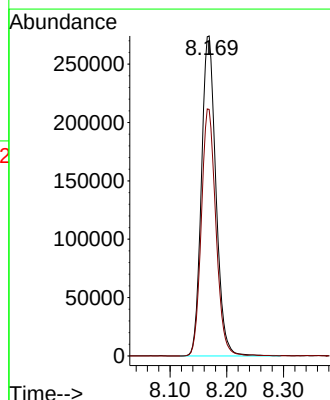
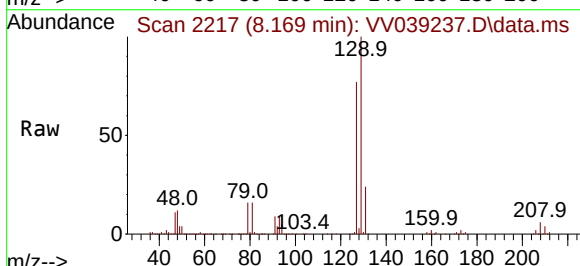
Acq: 29 Sep 2025 17:15

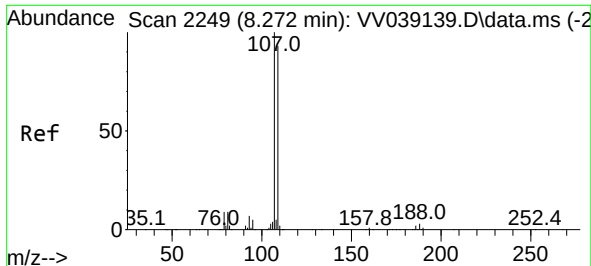
Tgt Ion: 129 Resp: 487809

Ion Ratio Lower Upper

129 100

127 77.3 39.3 117.9

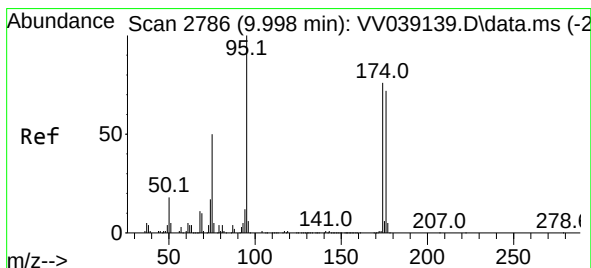
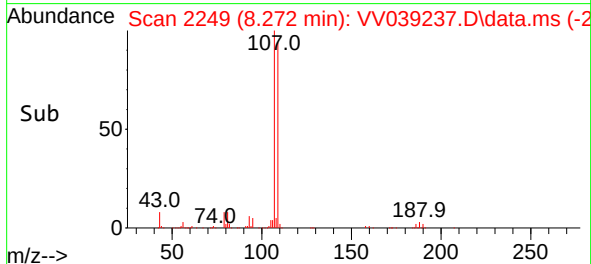
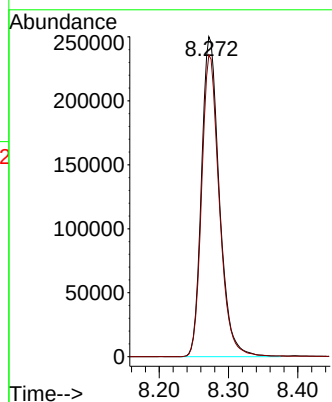
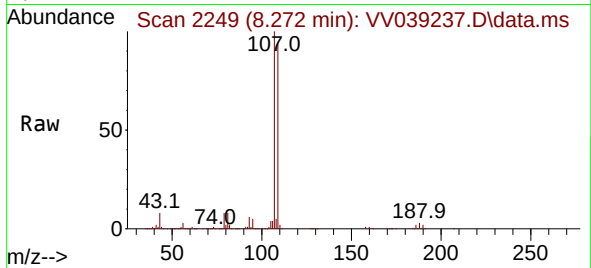




#61
1,2-Dibromoethane
Concen: 58.729 ug/l
RT: 8.272 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

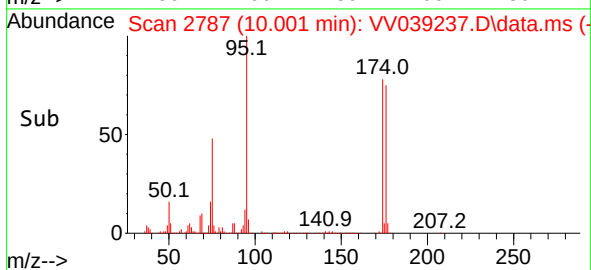
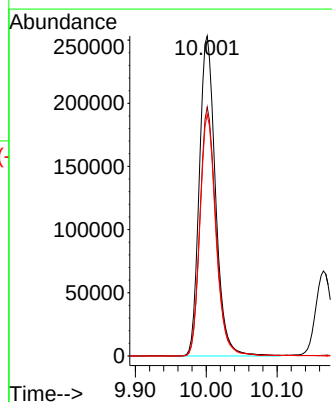
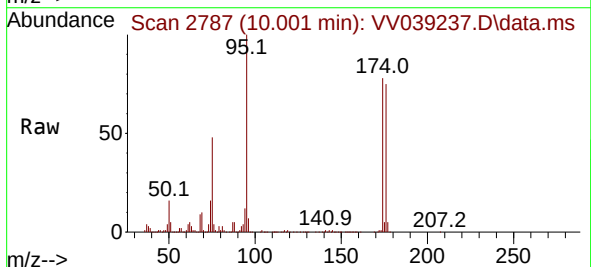
Instrument :
MSVOA_V
ClientSampleId :

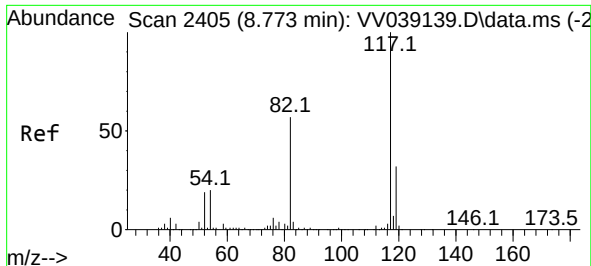
Tgt Ion:107 Resp: 446765
Ion Ratio Lower Upper
107 100
109 93.4 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 57.067 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

Tgt Ion: 95 Resp: 400996
Ion Ratio Lower Upper
95 100
174 77.2 0.0 150.4
176 74.4 0.0 144.2

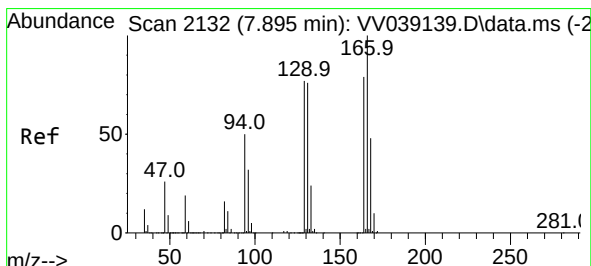
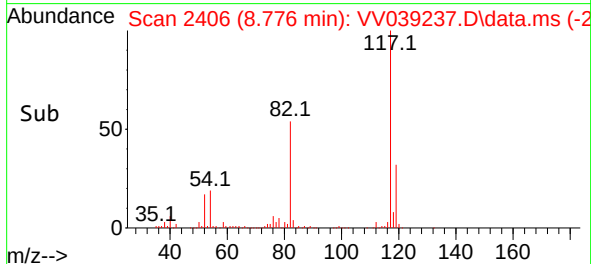
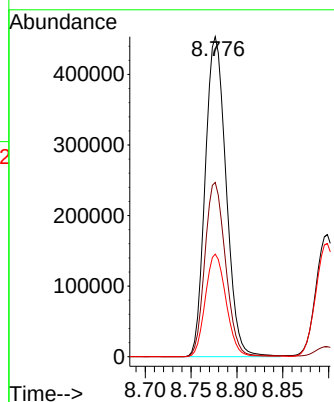
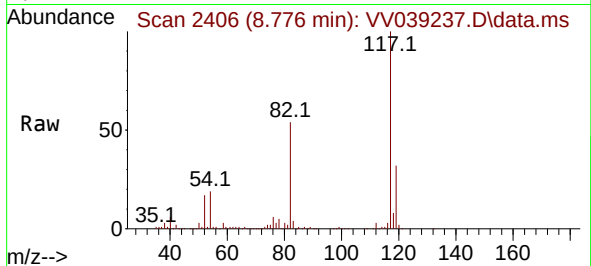




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

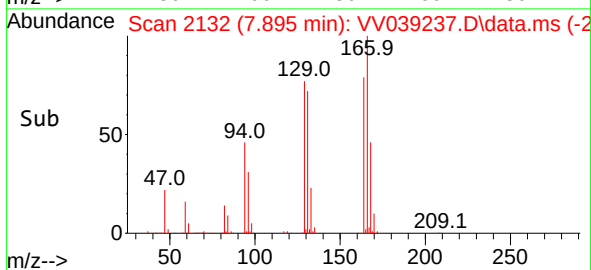
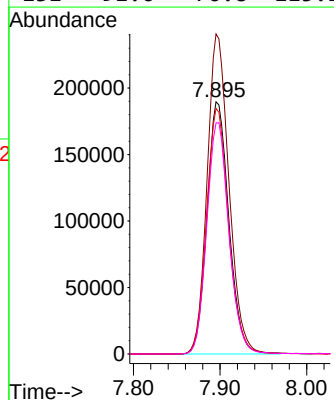
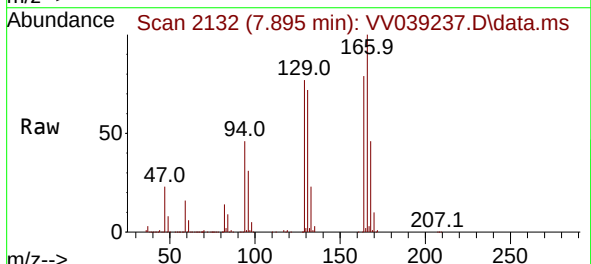
Instrument :
MSVOA_V
ClientSampleId :

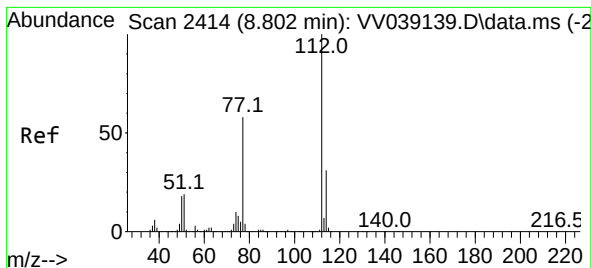
Tgt Ion:117 Resp: 717971
Ion Ratio Lower Upper
117 100
82 54.4 45.4 68.2
119 32.1 25.6 38.4



#64
Tetrachloroethene
Concen: 55.385 ug/l
RT: 7.895 min Scan# 2132
Delta R.T. -0.000 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

Tgt Ion:164 Resp: 333065
Ion Ratio Lower Upper
164 100
166 126.9 101.6 152.4
129 97.4 78.5 117.7
131 91.6 76.8 115.2





#65

Chlorobenzene

Concen: 53.614 ug/l

RT: 8.805 min Scan# 2414

Delta R.T. 0.003 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

Instrument :

MSVOA_V

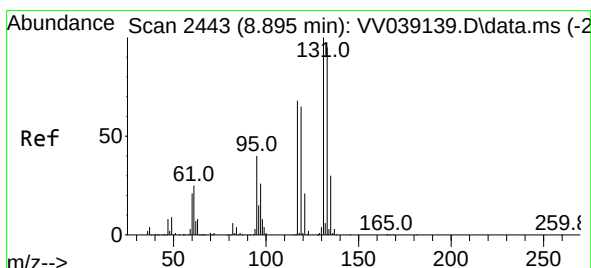
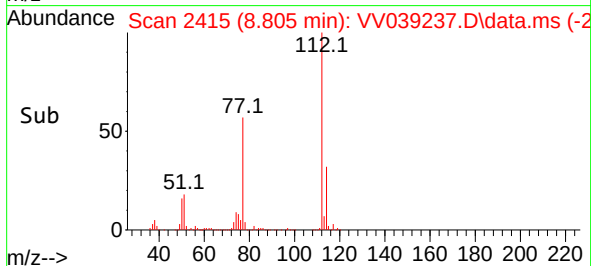
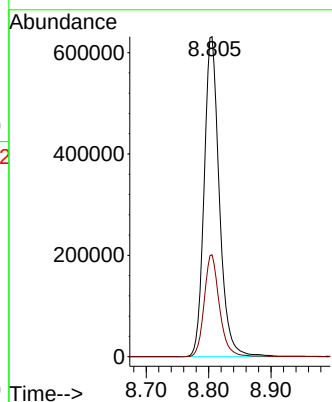
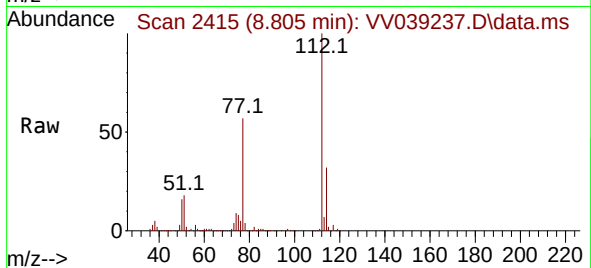
ClientSampleId :

Tgt Ion:112 Resp: 1072211

Ion Ratio Lower Upper

112 100

114 31.9 24.6 37.0



#66

1,1,1,2-Tetrachloroethane

Concen: 55.549 ug/l

RT: 8.899 min Scan# 2444

Delta R.T. 0.003 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

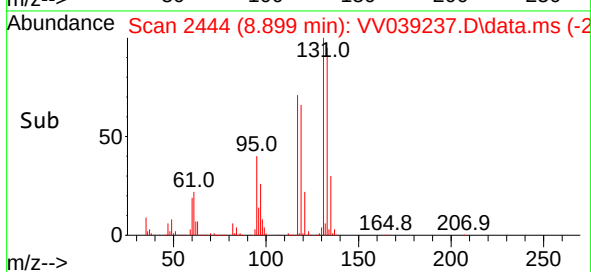
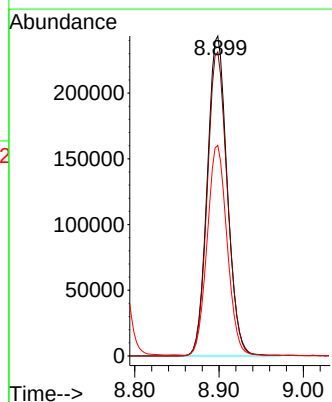
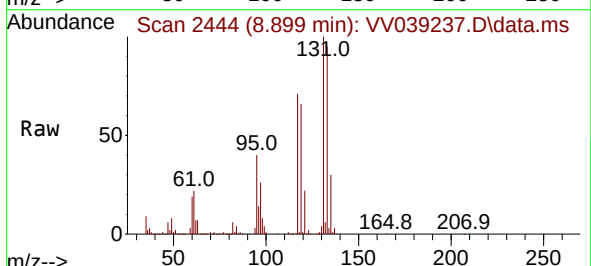
Tgt Ion:131 Resp: 401399

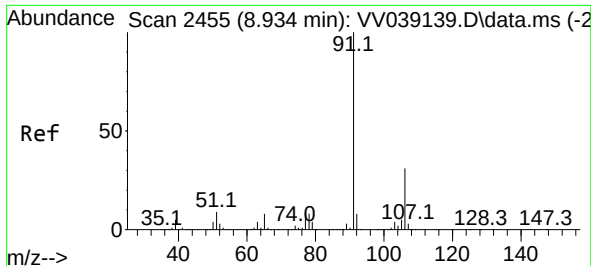
Ion Ratio Lower Upper

131 100

133 95.4 47.3 141.8

119 65.4 33.3 99.8





#67

Ethyl Benzene

Concen: 58.400 ug/l

RT: 8.937 min Scan# 2455

Delta R.T. 0.003 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

Instrument :

MSVOA_V

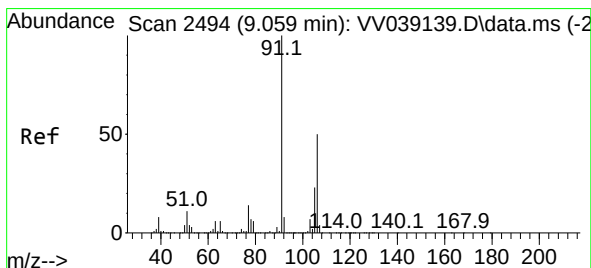
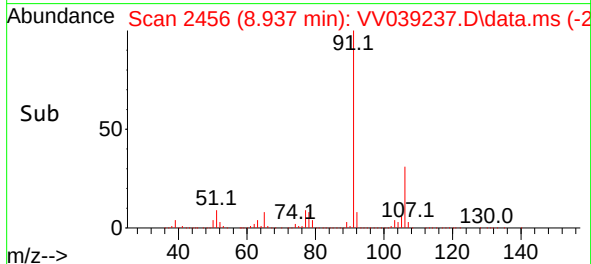
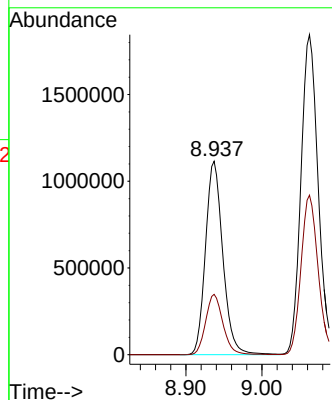
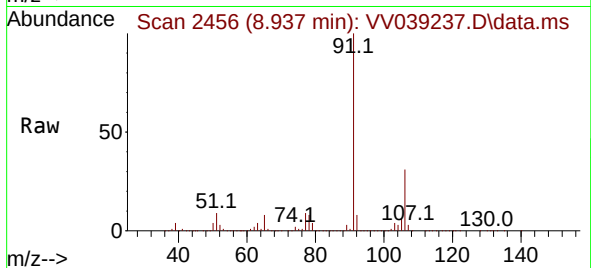
ClientSampleId :

Tgt Ion: 91 Resp: 1767918

Ion Ratio Lower Upper

91 100

106 31.2 24.6 37.0



#68

m/p-Xylenes

Concen: 124.490 ug/l

RT: 9.063 min Scan# 2495

Delta R.T. 0.004 min

Lab File: VV039237.D

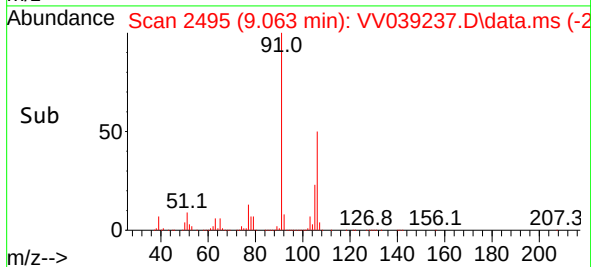
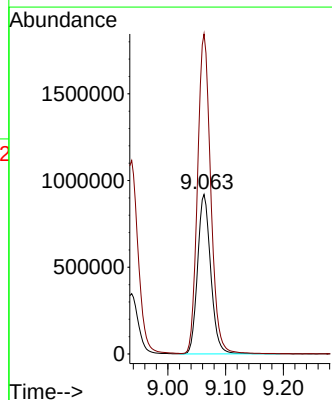
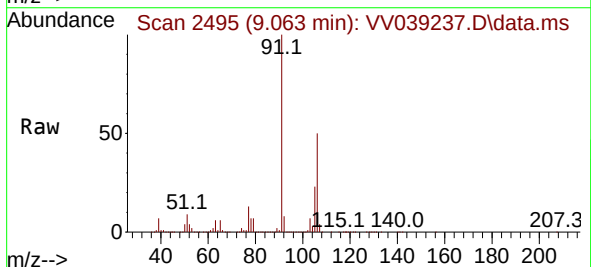
Acq: 29 Sep 2025 17:15

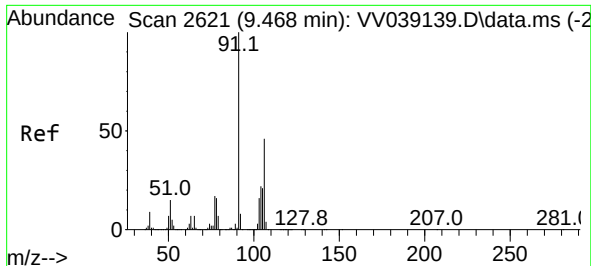
Tgt Ion:106 Resp: 1454532

Ion Ratio Lower Upper

106 100

91 200.6 162.5 243.7

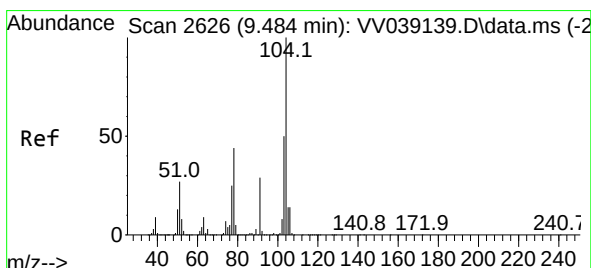
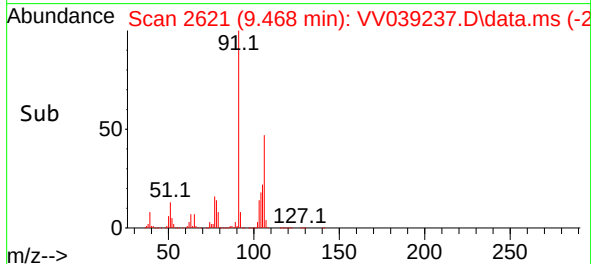
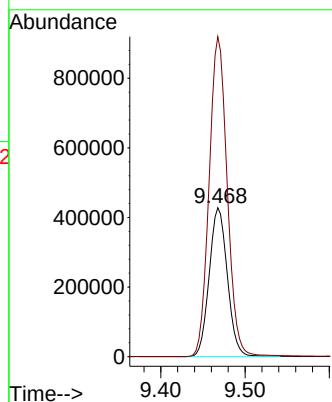
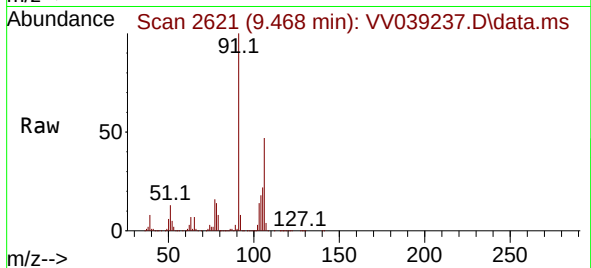




#69
o-Xylene
Concen: 62.089 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. -0.000 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

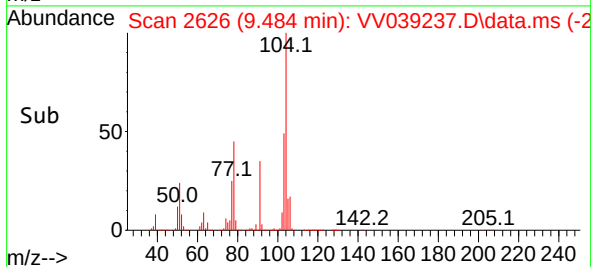
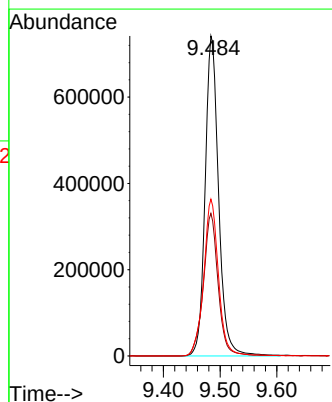
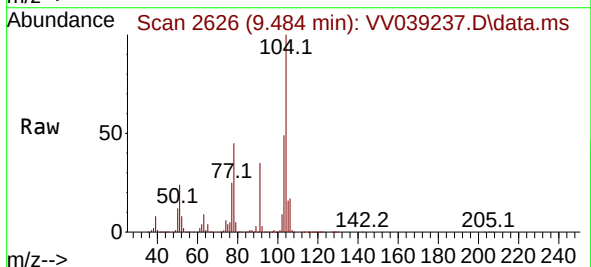
Instrument :
MSVOA_V
ClientSampleId :

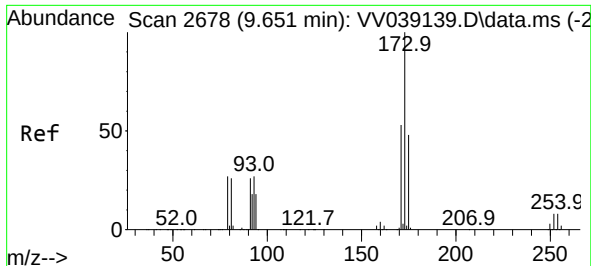
Tgt Ion:106 Resp: 642334
Ion Ratio Lower Upper
106 100
91 214.1 109.1 327.3



#70
Styrene
Concen: 55.861 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

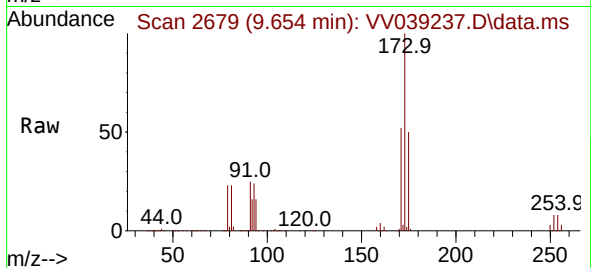
Tgt Ion:104 Resp: 1227294
Ion Ratio Lower Upper
104 100
78 48.7 39.8 59.6
103 53.4 43.4 65.2



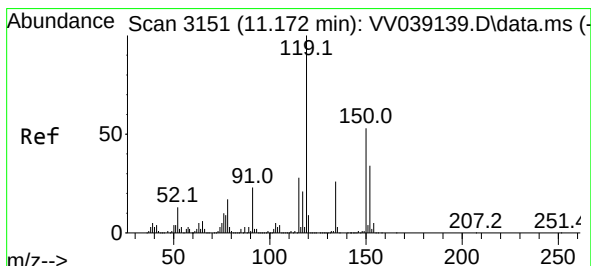
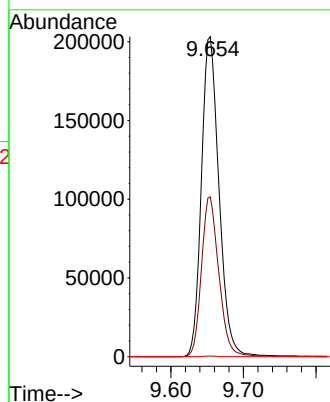
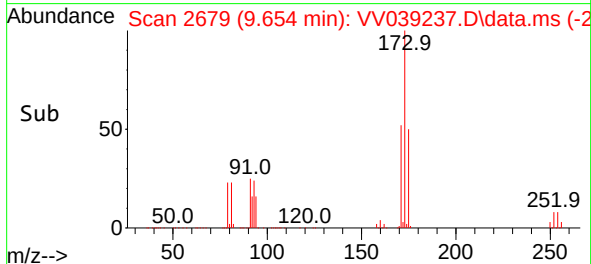


#71
Bromoform
Concen: 60.678 ug/l
RT: 9.654 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

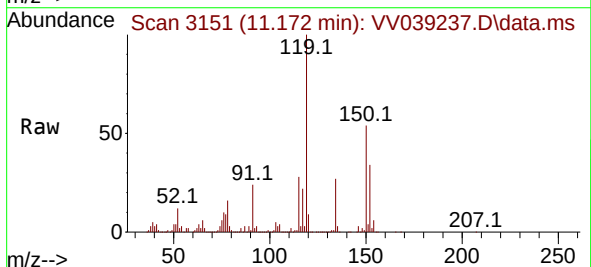
Instrument :
MSVOA_V
ClientSampleId :



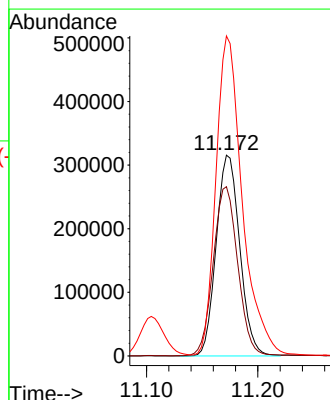
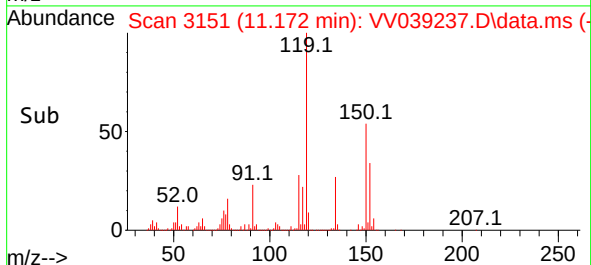
Tgt Ion:173 Resp: 342488
Ion Ratio Lower Upper
173 100
175 49.1 23.9 71.7
254 0.1 0.1 0.1#

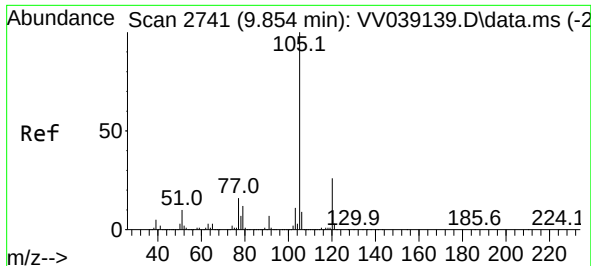


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15



Tgt Ion:152 Resp: 463779
Ion Ratio Lower Upper
152 100
115 87.6 44.8 134.4
150 178.9 0.0 353.8

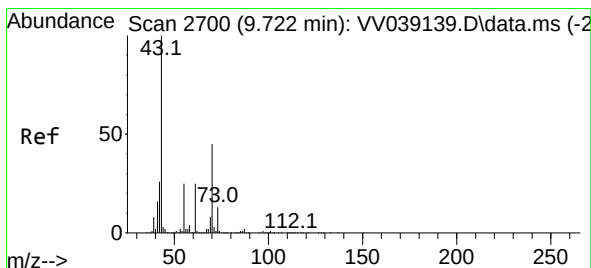
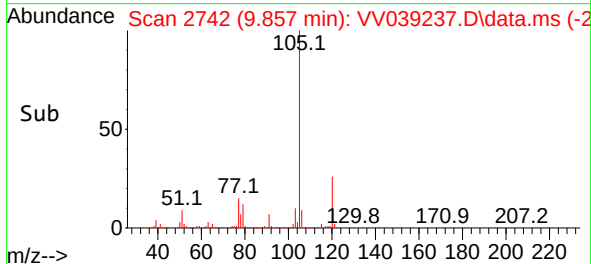
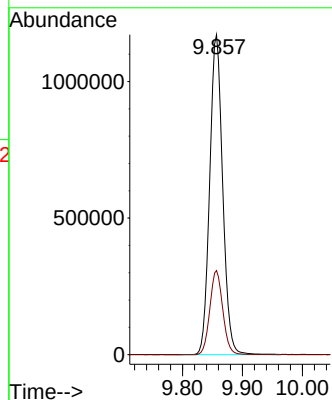
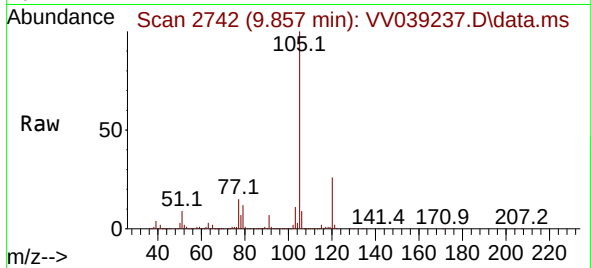




#73
Isopropylbenzene
Concen: 52.393 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

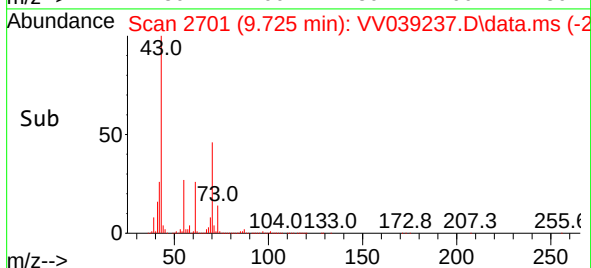
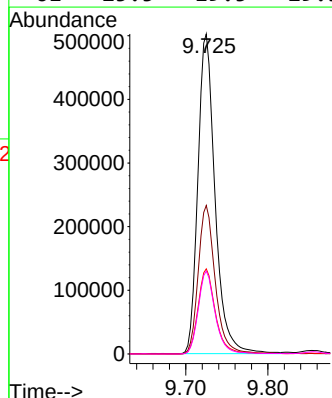
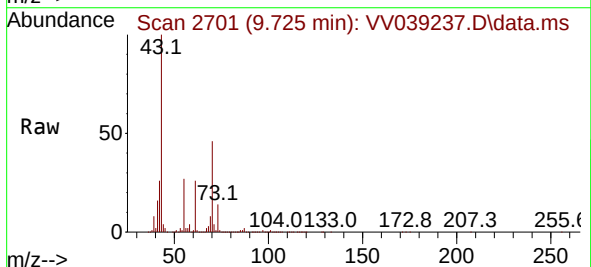
Instrument :
MSVOA_V
ClientSampleId :

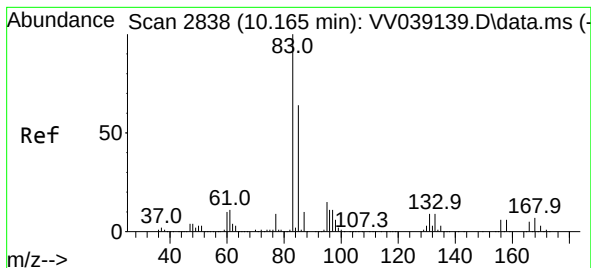
Tgt Ion:105 Resp: 1762396
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.1



#74
N-ethyl acetate
Concen: 54.489 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.003 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

Tgt Ion: 43 Resp: 731113
Ion Ratio Lower Upper
43 100
70 46.3 35.4 53.0
55 27.0 20.6 30.8
61 25.5 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 46.515 ug/l

RT: 10.165 min Scan# 2838

Delta R.T. -0.000 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

Instrument :

MSVOA_V

ClientSampleId :

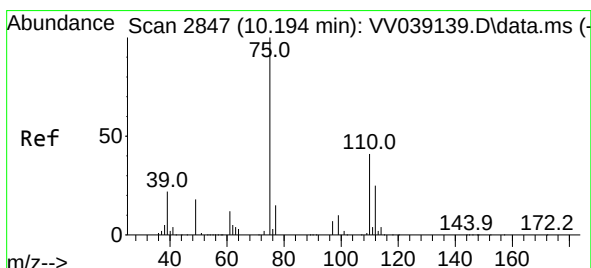
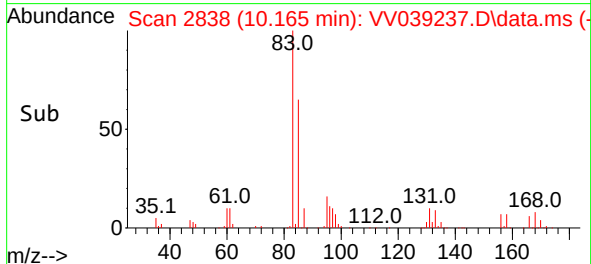
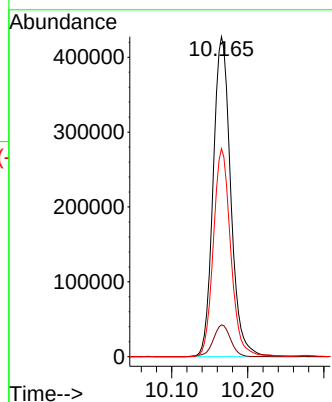
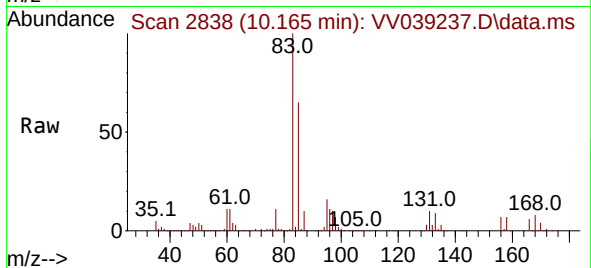
Tgt Ion: 83 Resp: 685568

Ion Ratio Lower Upper

83 100

131 9.9 4.5 13.7

85 64.3 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 48.805 ug/l

RT: 10.198 min Scan# 2848

Delta R.T. 0.003 min

Lab File: VV039237.D

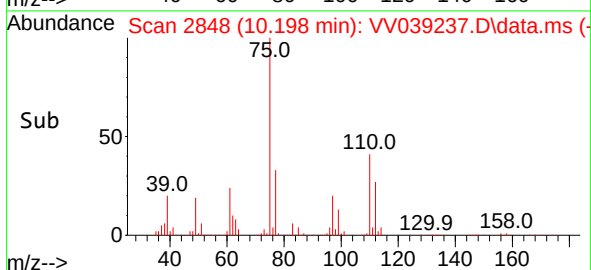
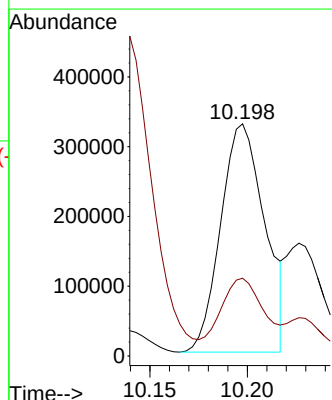
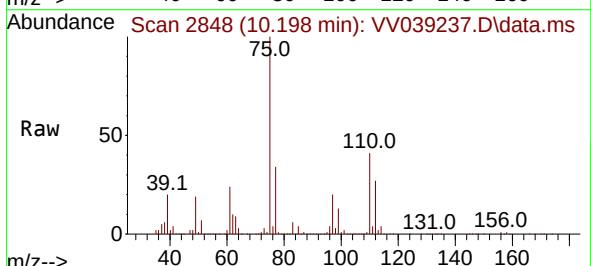
Acq: 29 Sep 2025 17:15

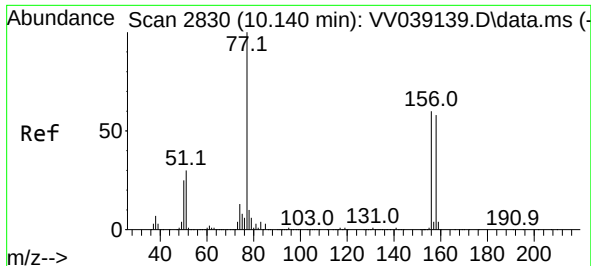
Tgt Ion: 75 Resp: 515358

Ion Ratio Lower Upper

75 100

77 23.1 11.3 33.8

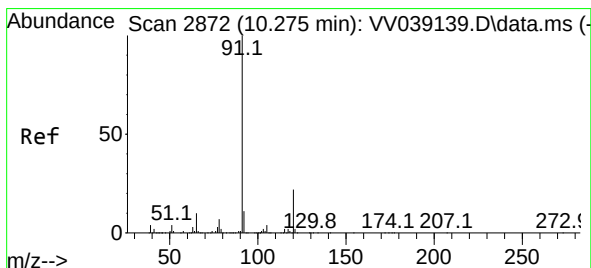
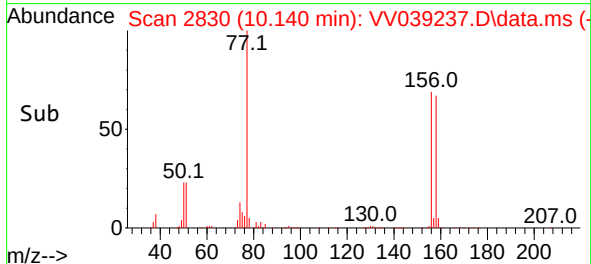
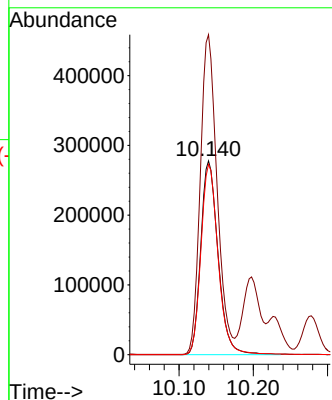
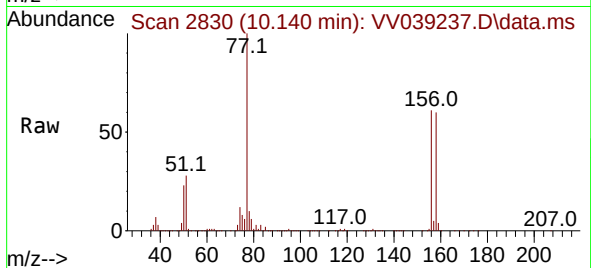




#77
Bromobenzene
Concen: 51.546 ug/l
RT: 10.140 min Scan# 2830
Delta R.T. -0.000 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

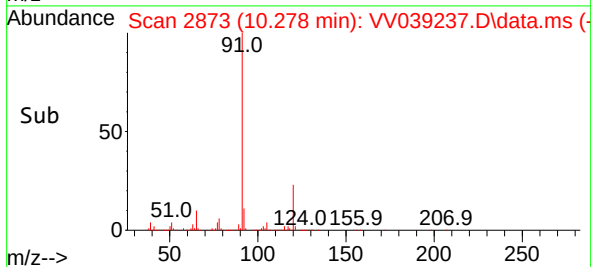
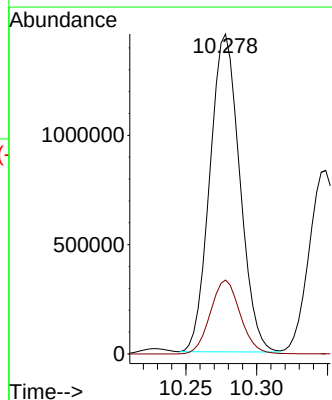
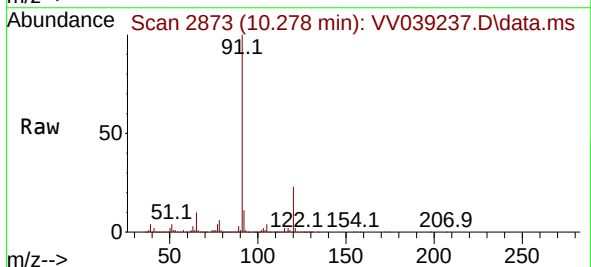
Instrument :
MSVOA_V
ClientSampleId :

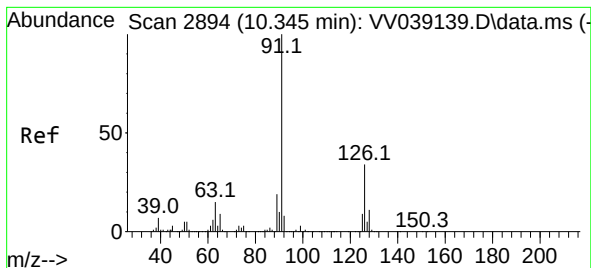
Tgt Ion:156 Resp: 449861
Ion Ratio Lower Upper
156 100
77 160.3 83.4 250.1
158 98.1 48.8 146.4



#78
n-propylbenzene
Concen: 52.135 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. 0.003 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

Tgt Ion: 91 Resp: 2135598
Ion Ratio Lower Upper
91 100
120 23.2 11.1 33.3





#79

2-Chlorotoluene

Concen: 52.883 ug/l

RT: 10.349 min Scan# 2894

Delta R.T. 0.003 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

Instrument :

MSVOA_V

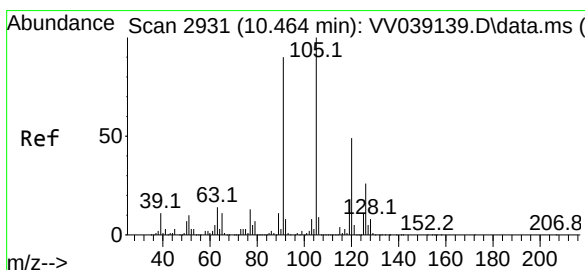
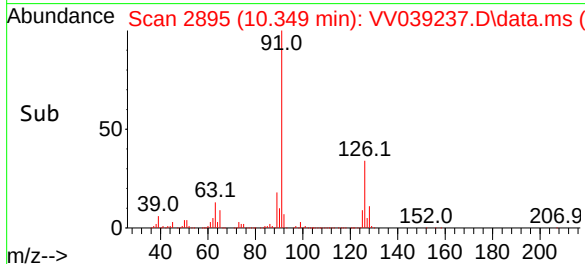
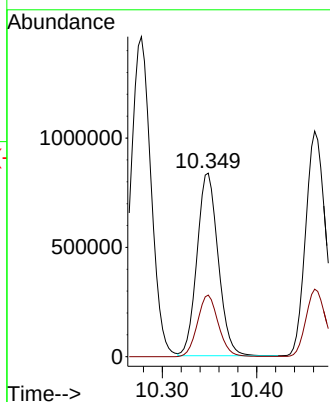
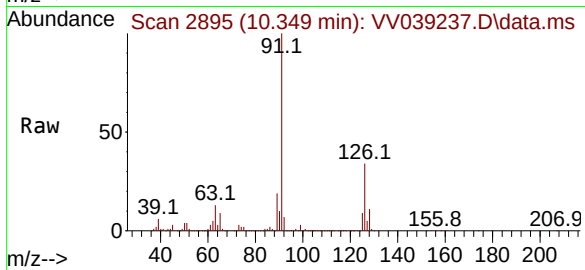
ClientSampleId :

Tgt Ion: 91 Resp: 1296224

Ion Ratio Lower Upper

91 100

126 33.4 16.7 50.0



#80

1,3,5-Trimethylbenzene

Concen: 54.405 ug/l

RT: 10.464 min Scan# 2931

Delta R.T. -0.000 min

Lab File: VV039237.D

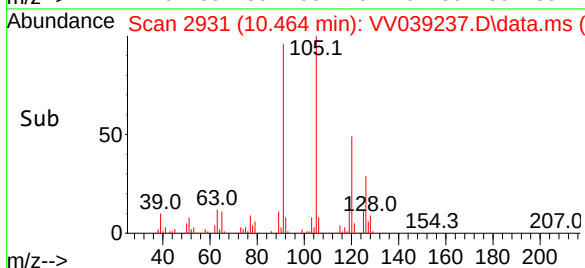
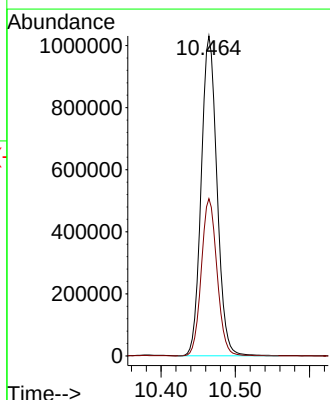
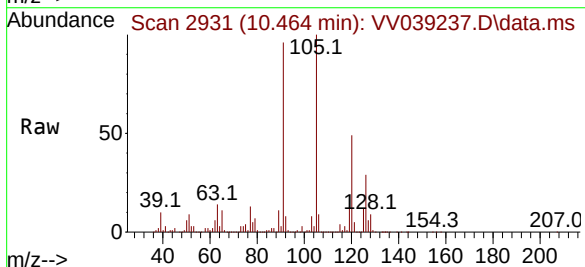
Acq: 29 Sep 2025 17:15

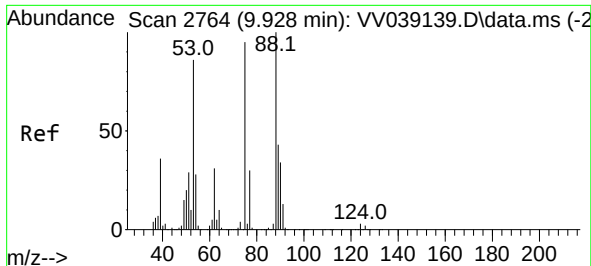
Tgt Ion:105 Resp: 1521131

Ion Ratio Lower Upper

105 100

120 48.8 24.3 72.8

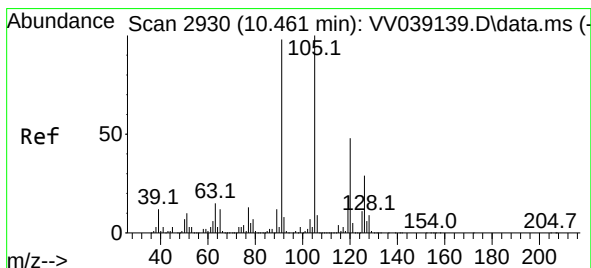
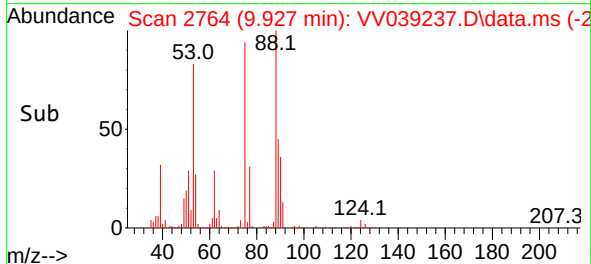
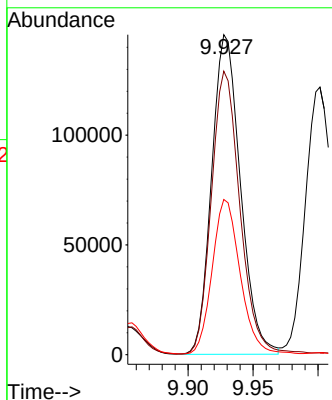
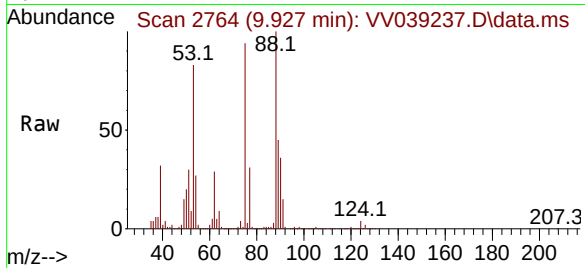




#81
trans-1,4-Dichloro-2-butene
Concen: 50.999 ug/l
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

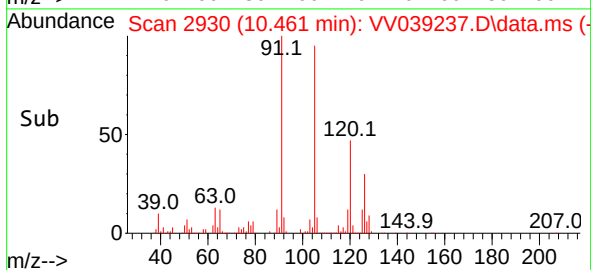
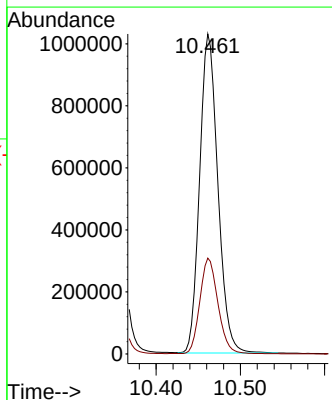
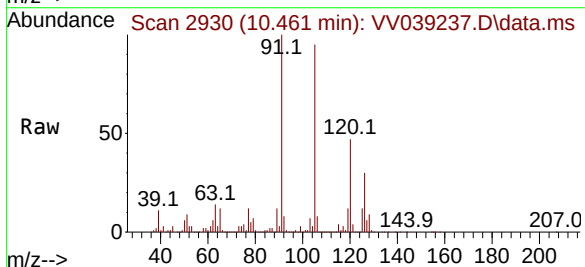
Instrument :
MSVOA_V
ClientSampleId :

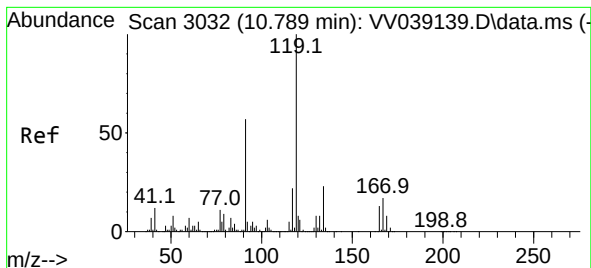
Tgt Ion: 75 Resp: 224319
Ion Ratio Lower Upper
75 100
53 87.9 72.5 108.7
89 47.0 37.2 55.8



#82
4-Chlorotoluene
Concen: 54.545 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. -0.000 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

Tgt Ion: 91 Resp: 1550297
Ion Ratio Lower Upper
91 100
126 30.0 14.5 43.6





#83

tert-Butylbenzene

Concen: 51.394 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

Instrument :

MSVOA_V

ClientSampleId :

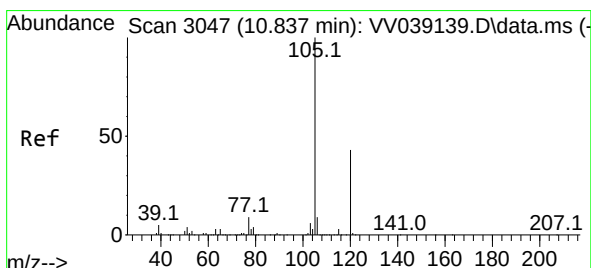
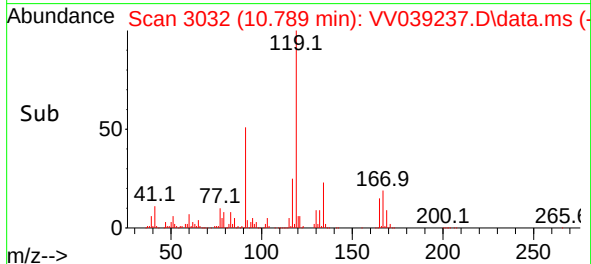
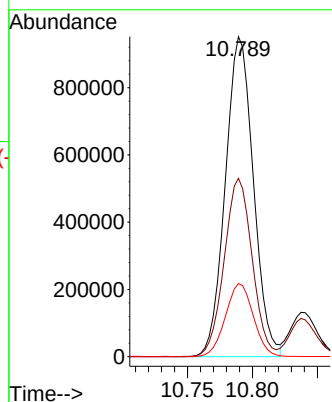
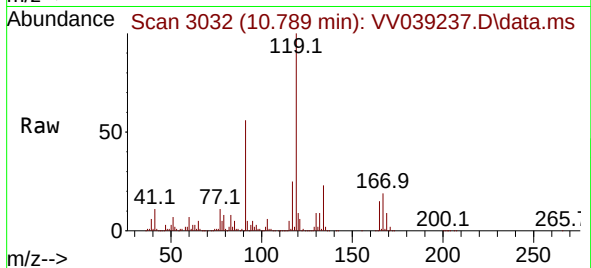
Tgt Ion:119 Resp: 1432871

Ion Ratio Lower Upper

119 100

91 55.3 28.5 85.6

134 22.8 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 56.079 ug/l

RT: 10.837 min Scan# 3047

Delta R.T. -0.000 min

Lab File: VV039237.D

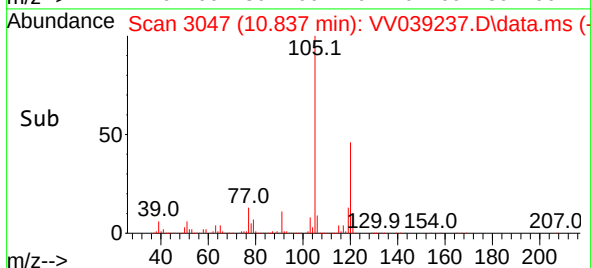
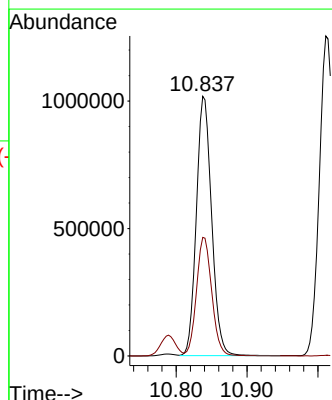
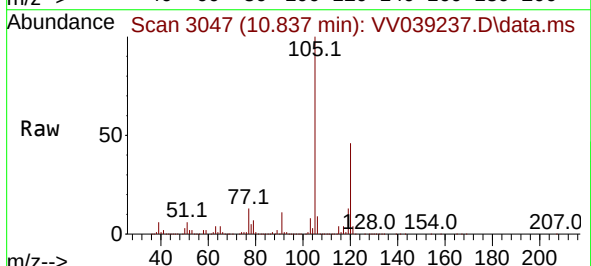
Acq: 29 Sep 2025 17:15

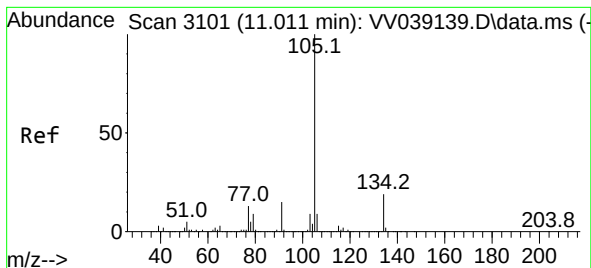
Tgt Ion:105 Resp: 1522222

Ion Ratio Lower Upper

105 100

120 45.6 22.4 67.2





#85

sec-Butylbenzene

Concen: 49.697 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. -0.000 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

Instrument :

MSVOA_V

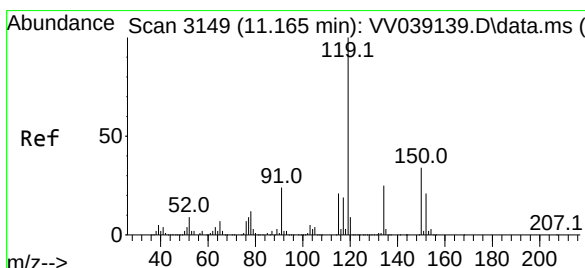
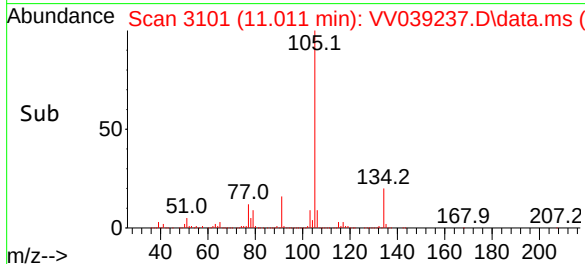
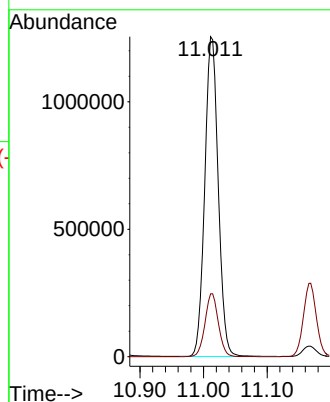
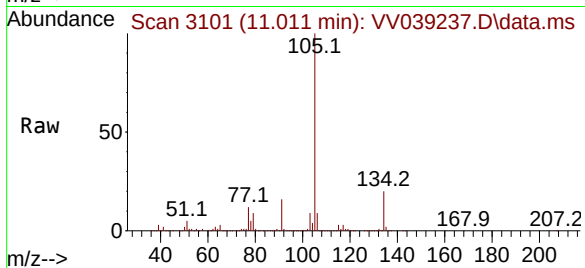
ClientSampleId :

Tgt Ion:105 Resp: 1837748

Ion Ratio Lower Upper

105 100

134 19.7 9.6 28.8



#86

p-Isopropyltoluene

Concen: 50.879 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. -0.000 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

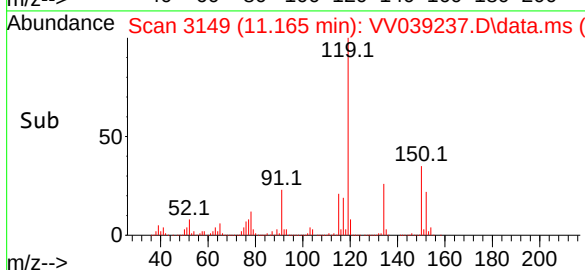
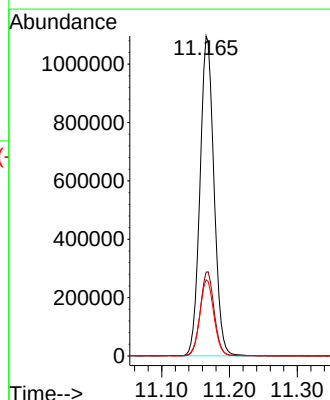
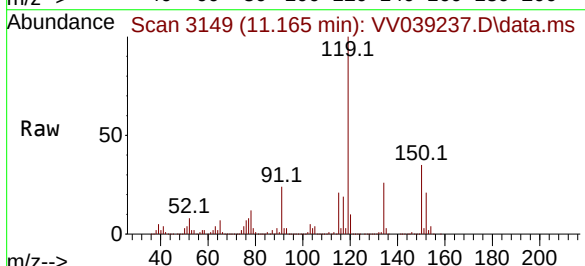
Tgt Ion:119 Resp: 1565969

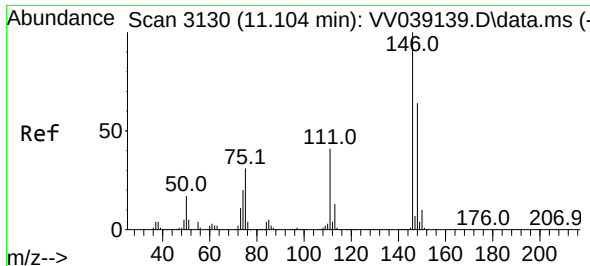
Ion Ratio Lower Upper

119 100

134 26.1 12.7 38.0

91 24.0 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 51.316 ug/l

RT: 11.104 min Scan# 3130

Delta R.T. -0.000 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

Instrument :

MSVOA_V

ClientSampleId :

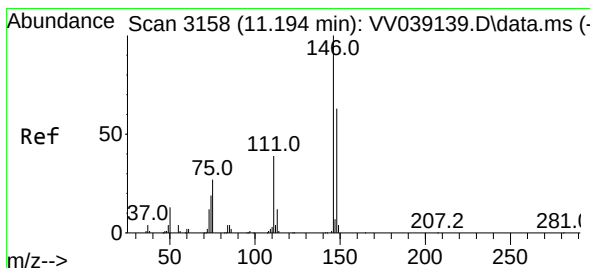
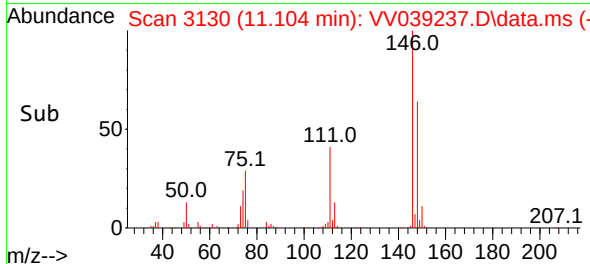
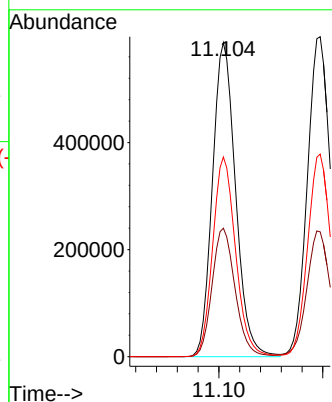
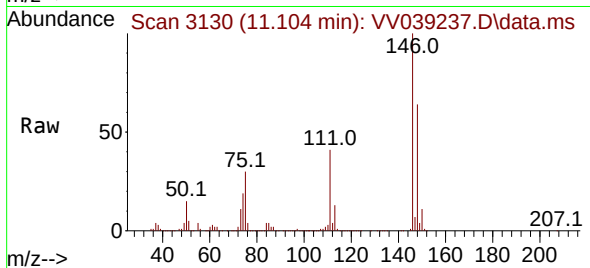
Tgt Ion:146 Resp: 906378

Ion Ratio Lower Upper

146 100

111 40.6 20.9 62.8

148 62.9 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 49.260 ug/l

RT: 11.198 min Scan# 3159

Delta R.T. 0.003 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

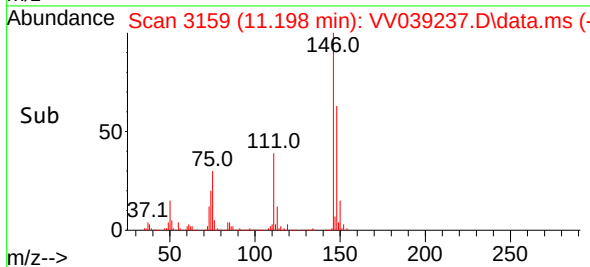
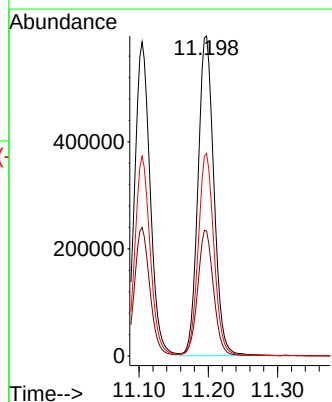
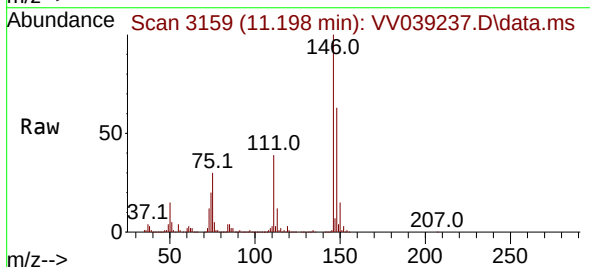
Tgt Ion:146 Resp: 954552

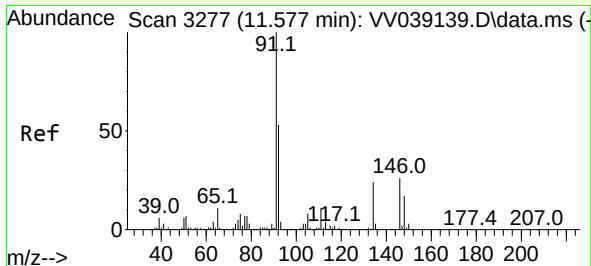
Ion Ratio Lower Upper

146 100

111 39.1 20.3 60.8

148 62.9 31.4 94.2





#89

n-Butylbenzene

Concen: 49.707 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

Instrument :

MSVOA_V

ClientSampleId :

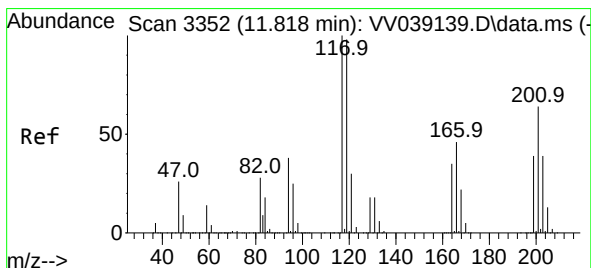
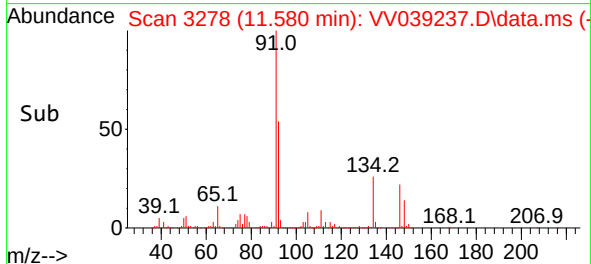
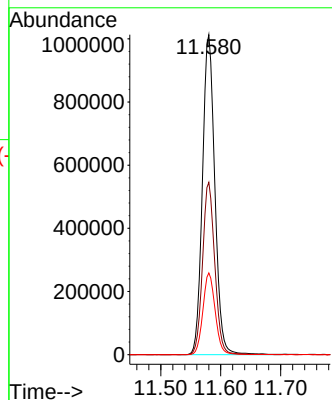
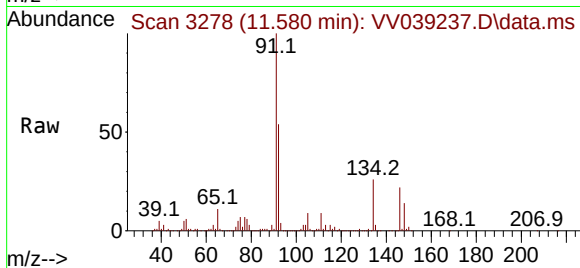
Tgt Ion: 91 Resp: 1461115

Ion Ratio Lower Upper

91 100

92 53.0 26.6 79.8

134 25.3 12.1 36.3



#90

Hexachloroethane

Concen: 42.885 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. 0.003 min

Lab File: VV039237.D

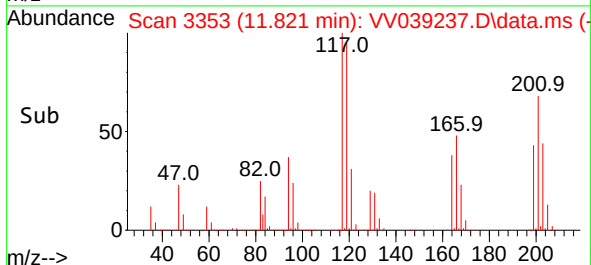
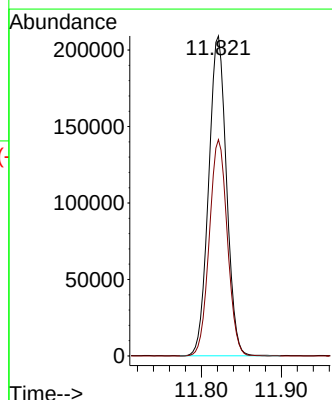
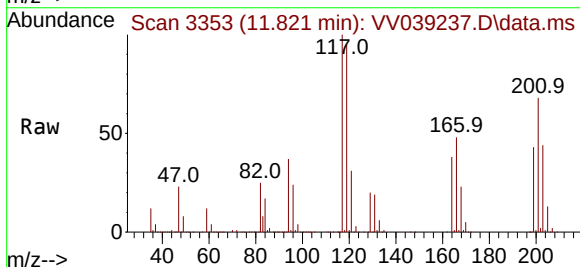
Acq: 29 Sep 2025 17:15

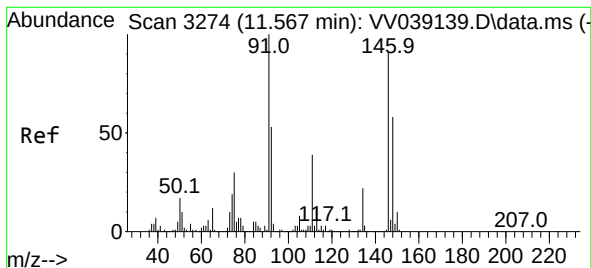
Tgt Ion: 117 Resp: 325035

Ion Ratio Lower Upper

117 100

201 68.3 32.3 96.8





#91

1,2-Dichlorobenzene

Concen: 50.867 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

Instrument :

MSVOA_V

ClientSampleId :

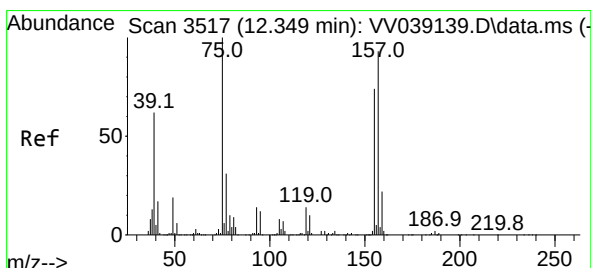
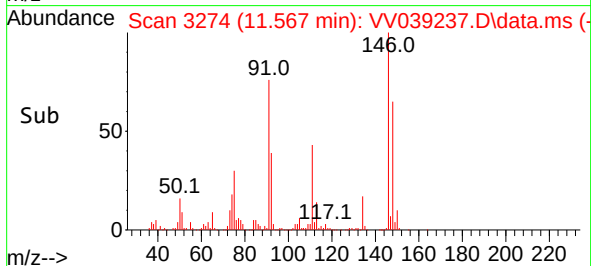
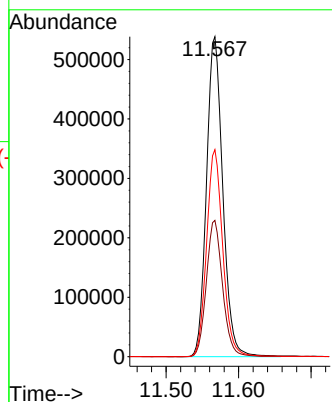
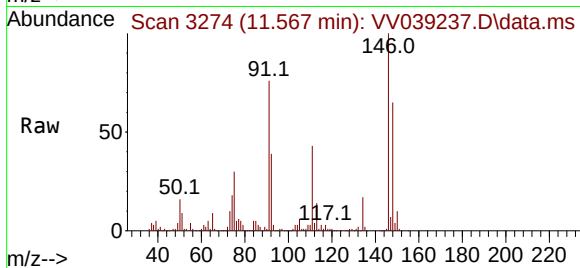
Tgt Ion:146 Resp: 839410

Ion Ratio Lower Upper

146 100

111 42.5 21.5 64.5

148 64.4 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.576 ug/l

RT: 12.349 min Scan# 3517

Delta R.T. -0.000 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

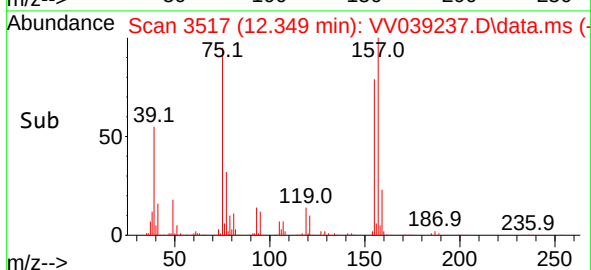
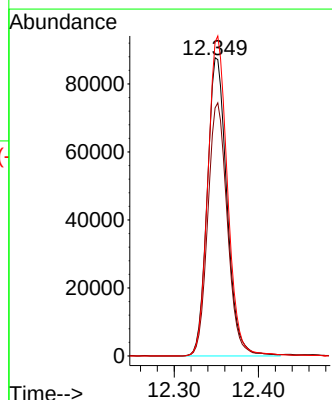
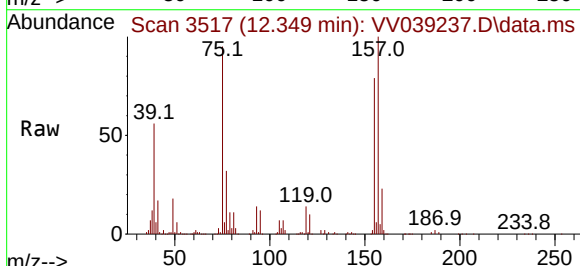
Tgt Ion: 75 Resp: 142548

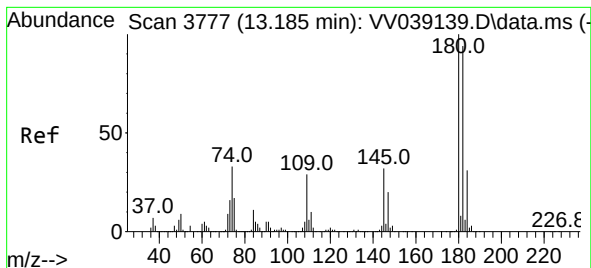
Ion Ratio Lower Upper

75 100

155 84.4 38.6 115.8

157 107.2 49.5 148.3





#93

1,2,4-Trichlorobenzene

Concen: 52.772 ug/l

RT: 13.185 min Scan# 3777

Delta R.T. -0.000 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

Instrument :

MSVOA_V

ClientSampleId :

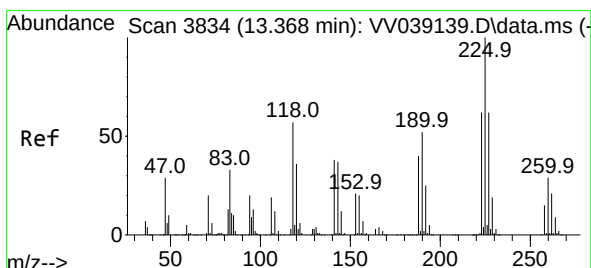
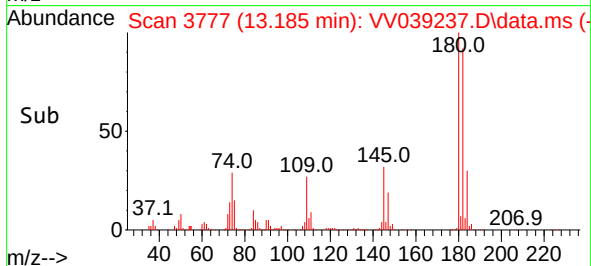
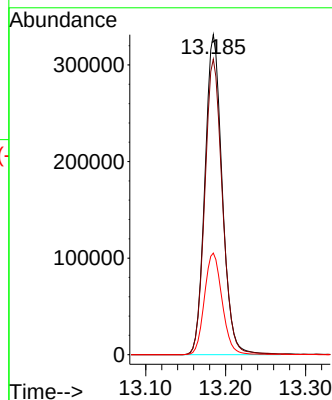
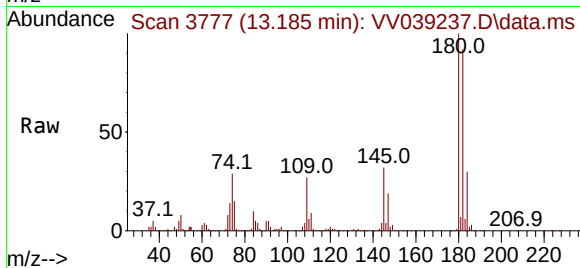
Tgt Ion:180 Resp: 499193

Ion Ratio Lower Upper

180 100

182 94.3 47.1 141.4

145 32.5 16.3 48.8



#94

Hexachlorobutadiene

Concen: 40.785 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

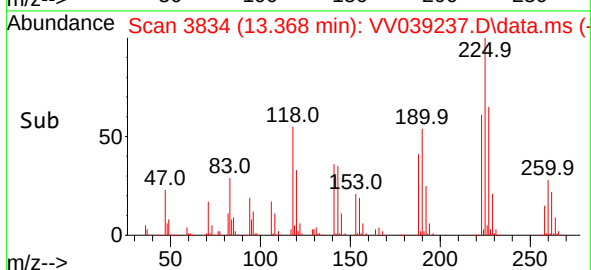
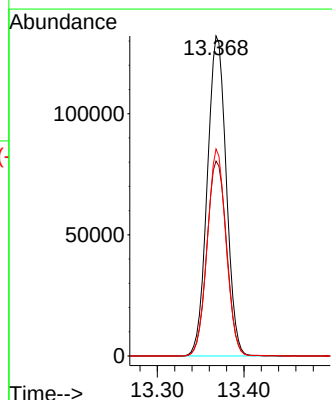
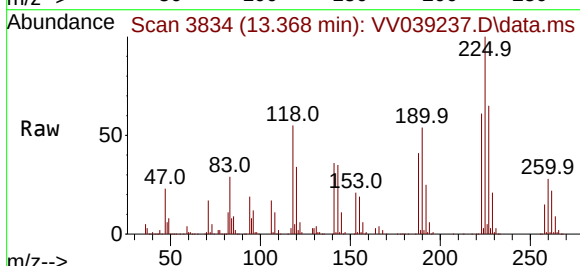
Tgt Ion:225 Resp: 200469

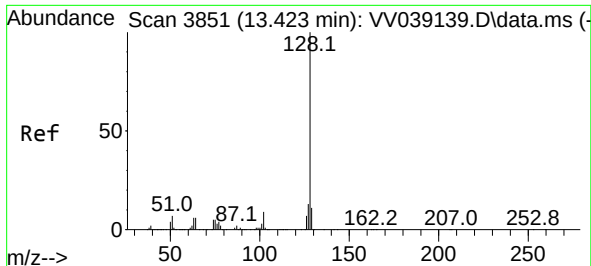
Ion Ratio Lower Upper

225 100

223 63.3 31.6 94.7

227 63.9 31.8 95.4

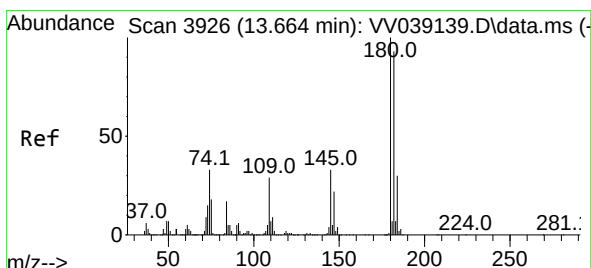
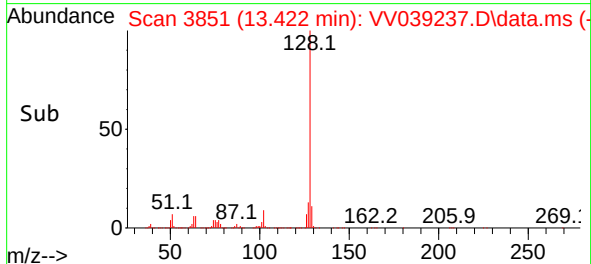
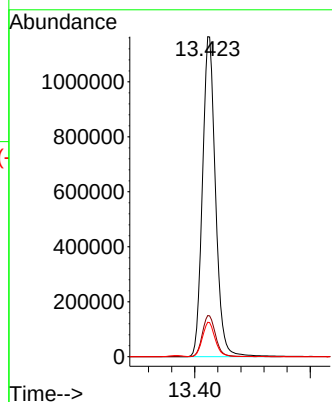
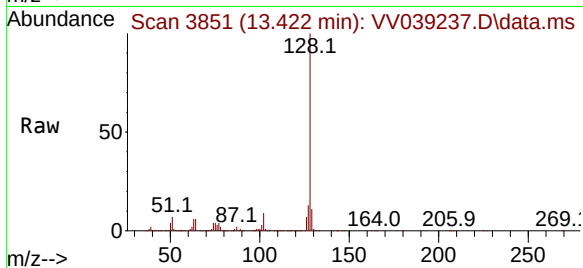




#95
Naphthalene
Concen: 59.545 ug/l
RT: 13.422 min Scan# 3851
Delta R.T. -0.001 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 1820572
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.5 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 53.435 ug/l
RT: 13.667 min Scan# 3927
Delta R.T. 0.003 min
Lab File: VV039237.D
Acq: 29 Sep 2025 17:15

Tgt Ion:180 Resp: 516977
Ion Ratio Lower Upper
180 100
182 94.0 46.9 140.8
145 34.6 17.0 51.0

