

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091125\
 Data File : VV039038.D
 Acq On : 11 Sep 2025 10:48
 Operator : SY/MD
 Sample : VSTD00525
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 12 01:31:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM091125WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 12 01:30:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	794342	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.773	117	802688	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.172	152	369339	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	38842	5.667	ug/L	0.00
7) Chloroethane-d5	1.545	69	31215	5.146	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.073	65	16677	5.076	ug/L	0.00
21) 2-Butanone-d5	3.796	46	41	0.009	ug/L	0.02
24) Chloroform-d	4.256	84	59626	4.303	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.954	65	37413	4.672	ug/L	0.02
32) Benzene-d6	4.963	84	110181	4.384	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	37529	4.543	ug/L	0.01
41) Toluene-d8	7.240	98	95476	4.243	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	15636	4.222	ug/L	0.02
47) 2-Hexanone-d5	8.027	63	15085	4.644	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.143	84	53783	4.385	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.548	152	34137	4.740	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.121	85	33392	3.807	ug/L	99
3) Chloromethane	1.227	50	39440	4.378	ug/L	96
5) Vinyl chloride	1.295	62	42300	4.482	ug/L	100
6) Bromomethane	1.497	94	21777	4.586	ug/L	99
8) Chloroethane	1.561	64	28654	5.023	ug/L	99
9) Trichlorofluoromethane	1.725	101	61489	4.890	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	37560	4.963	ug/L	99
12) 1,1-Dichloroethene	2.082	96	32409	4.768	ug/L	95
13) Acetone	2.118	43	72512	19.618	ug/L	97
14) Carbon disulfide	2.253	76	109426	5.236	ug/L	100
15) Methyl Acetate	2.388	43	34181	3.919	ug/L	96
16) Methylene chloride	2.455	84	36534	4.702	ug/L	97
17) trans-1,2-Dichloroethene	2.709	96	30632	4.515	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	80198	3.962	ug/L	97
19) 1,1-Dichloroethane	3.121	63	58668	4.236	ug/L	98
20) cis-1,2-Dichloroethene	3.822	96	30255	4.161	ug/L	95
22) 2-Butanone	3.854	43	135	0.026	ug/L	86
23) Bromochloromethane	4.156	128	18210	4.705	ug/L	95
25) Chloroform	4.278	83	65682	4.762	ug/L	95
27) 1,2-Dichloroethane	5.047	62	45536	4.399	ug/L	97
29) Cyclohexane	4.577	56	20019	1.792	ug/L #	6
30) 1,1,1-Trichloroethane	4.513	97	56526	4.833	ug/L	99
31) Carbon tetrachloride	4.735	117	50254	4.915	ug/L	100
33) Benzene	5.015	78	119023	4.286	ug/L	100
34) Trichloroethene	5.838	95	33959	4.612	ug/L	98
35) Methylcyclohexane	6.044	83	48686	4.184	ug/L	94
37) 1,2-Dichloropropane	6.092	63	33093	4.186	ug/L #	96
38) Bromodichloromethane	6.433	83	48992	4.696	ug/L	96
39) cis-1,3-Dichloropropene	6.957	75	48456	4.229	ug/L	98
40) 4-Methyl-2-pentanone	7.153	43	72572	6.827	ug/L	91
42) Toluene	7.314	91	126006	4.338	ug/L	97
44) trans-1,3-Dichloropropene	7.584	75	46228	4.117	ug/L	88

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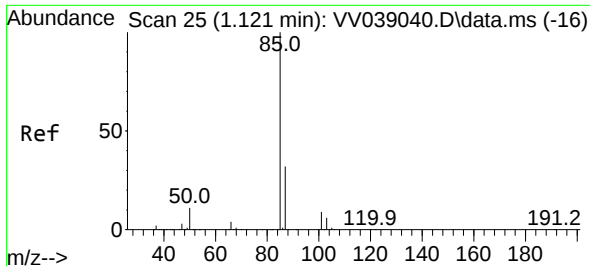
Instrument :
 MSVOA_V
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 Quant Title : VOC Analysis
 QLast Update : Fri Sep 12 01:30:58 2025
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	7.764	97	35603	4.485	ug/L	98
46) Tetrachloroethene	7.899	164	26329	4.798	ug/L	97
48) 2-Hexanone	8.076	43	42754	5.561	ug/L #	95
49) Dibromochloromethane	8.169	129	37866	4.715	ug/L	100
50) 1,2-Dibromoethane	8.281	107	35979	4.460	ug/L	95
51) Chlorobenzene	8.805	112	89450	4.613	ug/L	100
52) Ethylbenzene	8.941	91	126636	4.083	ug/L	96
53) m,p-Xylene	9.066	106	48806	4.283	ug/L	92
54) o-Xylene	9.468	106	41365	3.751	ug/L	94
55) Styrene	9.490	104	71354	3.723	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.169	83	56912	4.426	ug/L	98
59) Bromoform	9.658	173	26955	5.236	ug/L	97
60) Isopropylbenzene	9.857	105	113292	4.335	ug/L	100
61) 1,2,3-Trichloropropane	10.198	75	43388	4.930	ug/L	99
62) 1,3,5-Trimethylbenzene	10.465	105	83821	4.113	ug/L	100
63) 1,2,4-Trimethylbenzene	10.841	105	80026	3.988	ug/L	99
64) 1,3-Dichlorobenzene	11.108	146	58044	4.647	ug/L	95
65) 1,4-Dichlorobenzene	11.198	146	65987	4.907	ug/L	96
67) 1,2-Dichlorobenzene	11.571	146	61068	4.837	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.355	75	11851	4.687	ug/L	96
69) 1,3,5-Trichlorobenzene	12.574	180	37177	4.501	ug/L	99
70) 1,2,4-trichlorobenzene	13.188	180	31444	4.451	ug/L	94
71) Naphthalene	13.429	128	89467	3.593	ug/L	99
72) 1,2,3-Trichlorobenzene	13.670	180	30728	4.152	ug/L	96

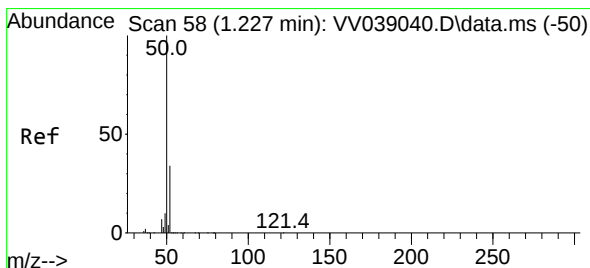
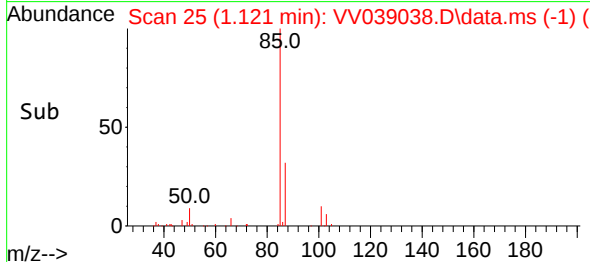
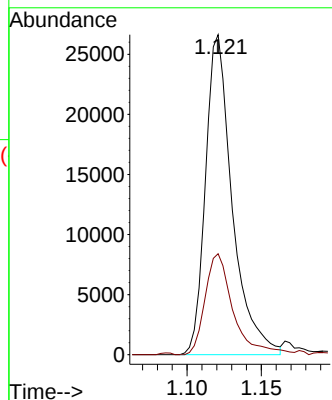
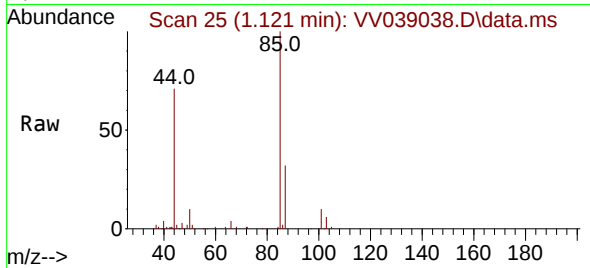
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 3.807 ug/L
 RT: 1.121 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV039038.D
 Acq: 11 Sep 2025 10:48

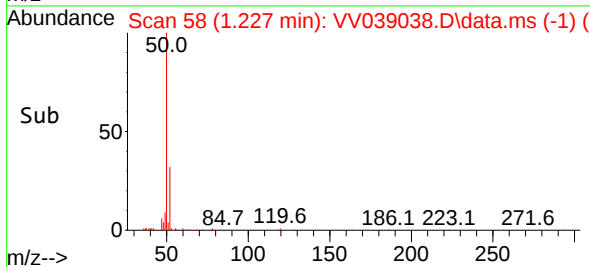
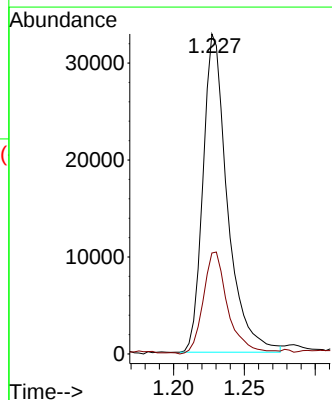
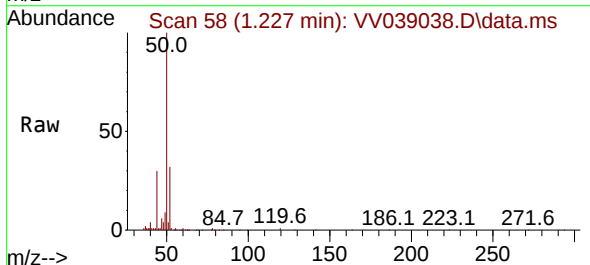
Instrument :
 MSVOA_V
 ClientSampleId :

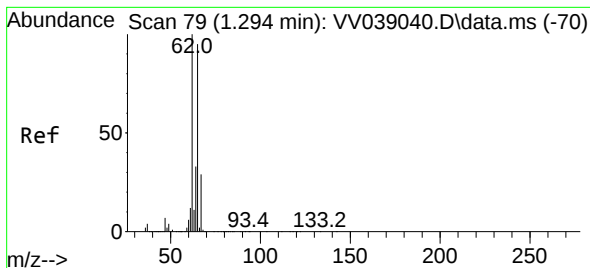
Tgt Ion: 85 Resp: 33392
 Ion Ratio Lower Upper
 85 100
 87 33.0 25.8 38.8



#3
 Chloromethane
 Concen: 4.378 ug/L
 RT: 1.227 min Scan# 58
 Delta R.T. 0.000 min
 Lab File: VV039038.D
 Acq: 11 Sep 2025 10:48

Tgt Ion: 50 Resp: 39440
 Ion Ratio Lower Upper
 50 100
 52 31.5 23.6 43.8





#5

Vinyl chloride

Concen: 4.482 ug/L

RT: 1.295 min Scan# 79

Delta R.T. 0.000 min

Lab File: VV039038.D

Acq: 11 Sep 2025 10:48

Instrument :

MSVOA_V

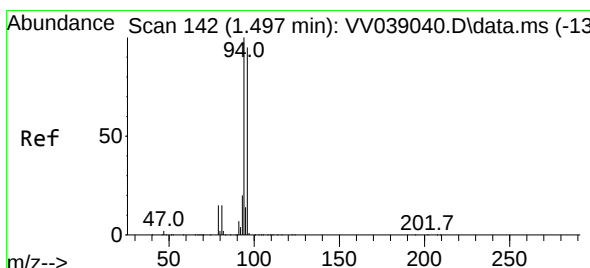
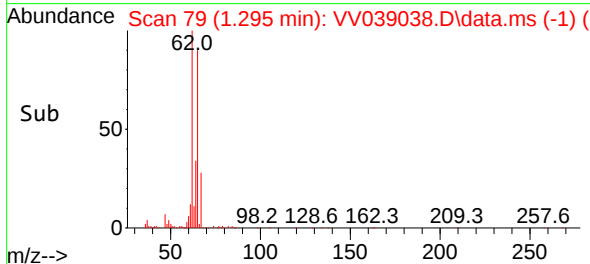
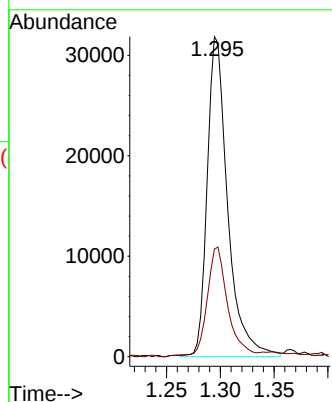
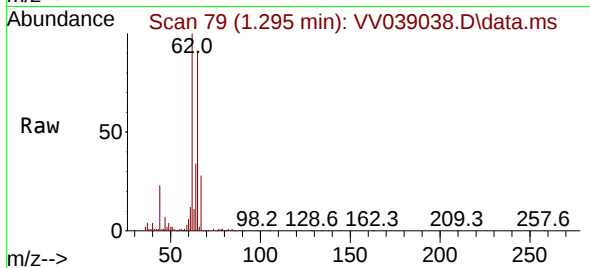
ClientSampleId :

Tgt Ion: 62 Resp: 42300

Ion Ratio Lower Upper

62 100

64 33.7 23.4 43.4



#6

Bromomethane

Concen: 4.586 ug/L

RT: 1.497 min Scan# 142

Delta R.T. 0.000 min

Lab File: VV039038.D

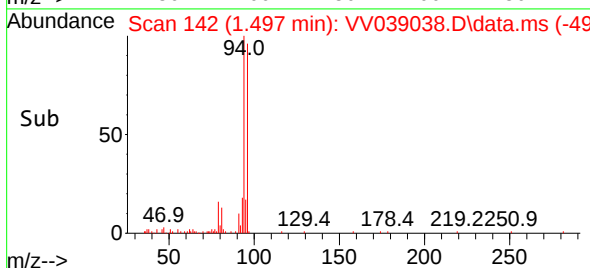
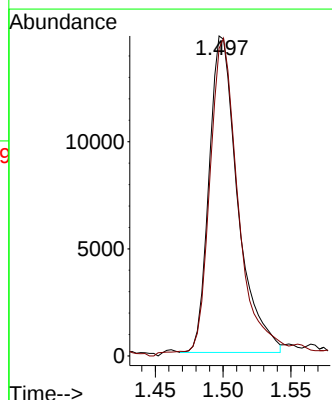
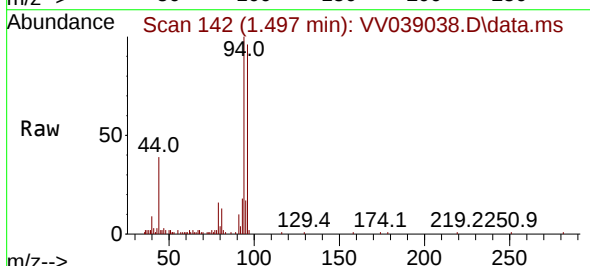
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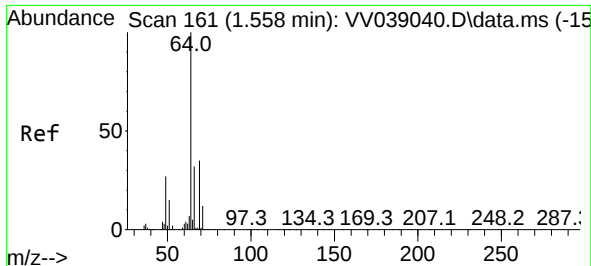
Tgt Ion: 94 Resp: 21777

Ion Ratio Lower Upper

94 100

96 96.1 66.3 123.1

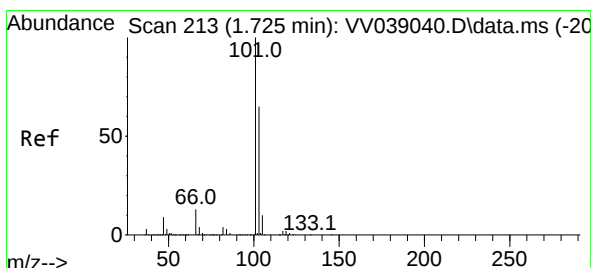
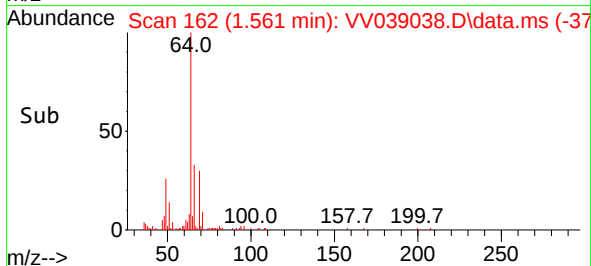
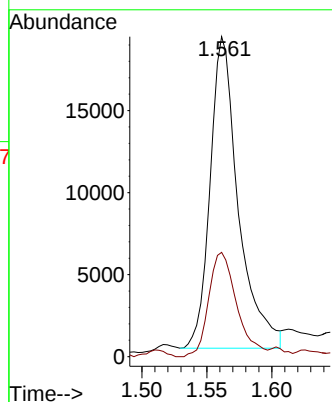
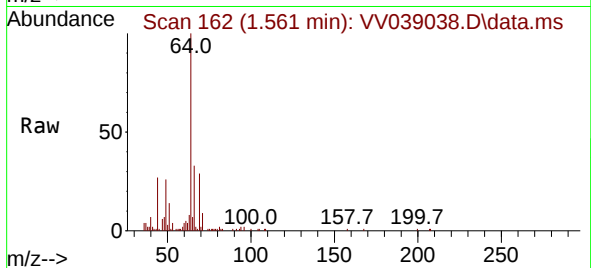




#8
Chloroethane
Concen: 5.023 ug/L
RT: 1.561 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039038.D
Acq: 11 Sep 2025 10:48

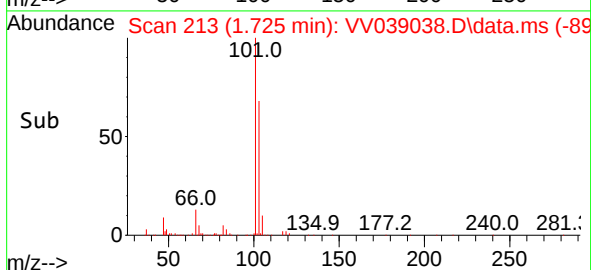
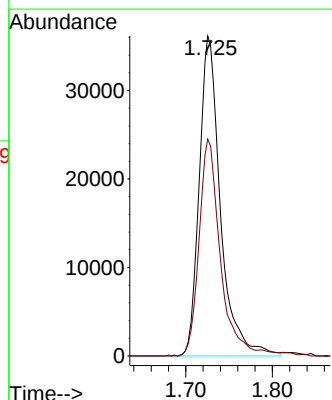
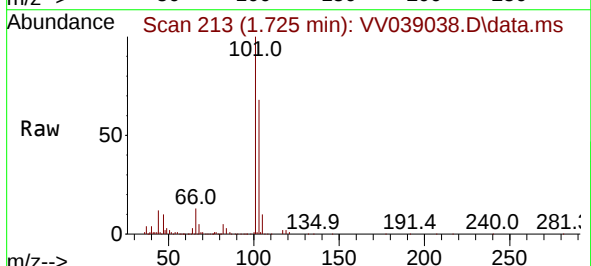
Instrument :
MSVOA_V
ClientSampleId :

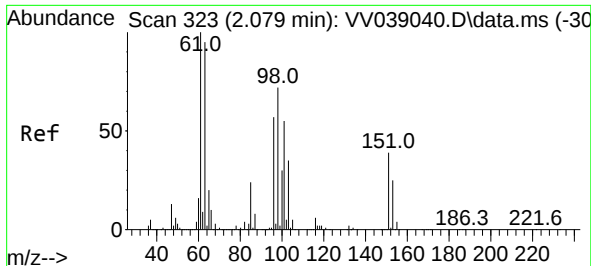
Tgt Ion: 64 Resp: 28654
Ion Ratio Lower Upper
64 100
66 32.6 22.4 41.6



#9
Trichlorofluoromethane
Concen: 4.890 ug/L
RT: 1.725 min Scan# 213
Delta R.T. 0.000 min
Lab File: VV039038.D
Acq: 11 Sep 2025 10:48

Tgt Ion: 101 Resp: 61489
Ion Ratio Lower Upper
101 100
103 66.8 52.1 78.1





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.963 ug/L

RT: 2.079 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039038.D

Acq: 11 Sep 2025 10:48

Instrument :

MSVOA_V

ClientSampleId :

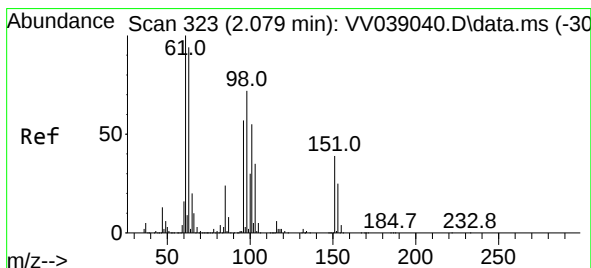
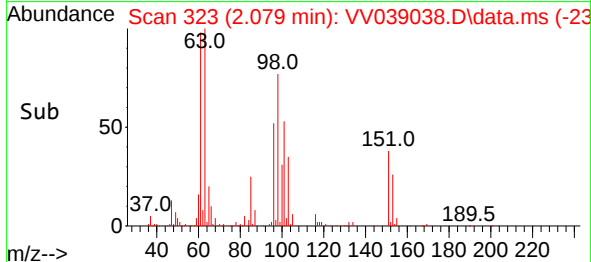
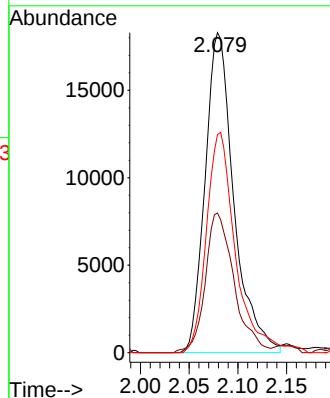
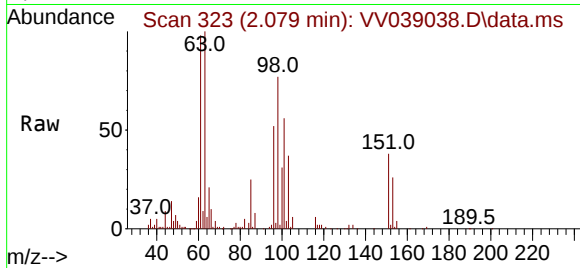
Tgt Ion:101 Resp: 37560

Ion Ratio Lower Upper

101 100

85 43.6 34.7 52.1

151 68.8 54.6 81.8



#12

1,1-Dichloroethene

Concen: 4.768 ug/L

RT: 2.082 min Scan# 324

Delta R.T. 0.003 min

Lab File: VV039038.D

Acq: 11 Sep 2025 10:48

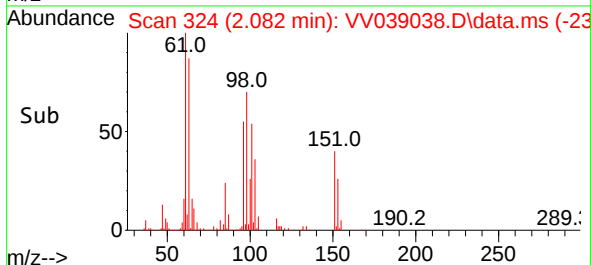
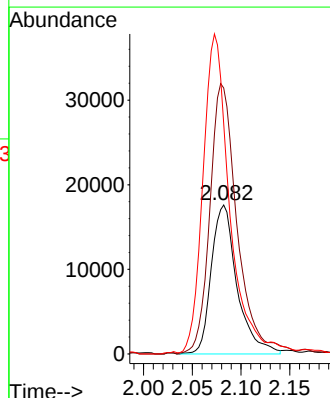
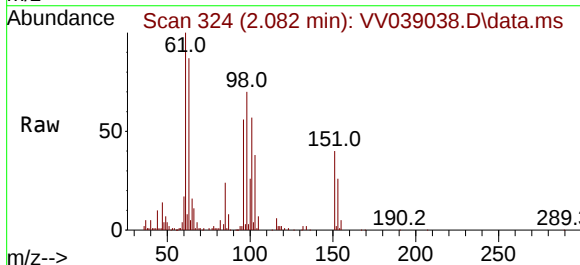
Tgt Ion: 96 Resp: 32409

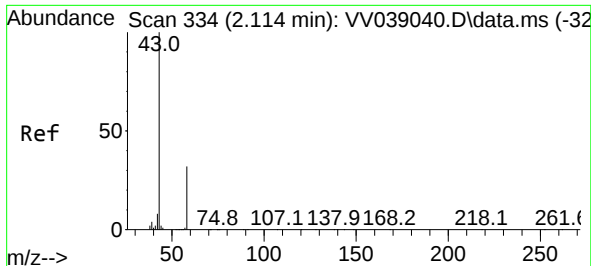
Ion Ratio Lower Upper

96 100

61 178.6 123.3 229.1

63 154.5 116.6 216.6





#13

Acetone

Concen: 19.618 ug/L

RT: 2.118 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV039038.D

Acq: 11 Sep 2025 10:48

Instrument :

MSVOA_V

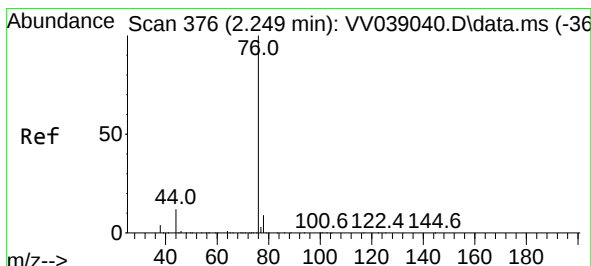
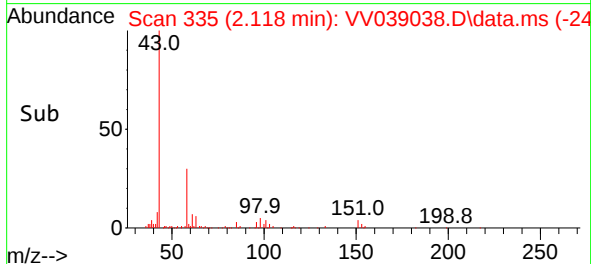
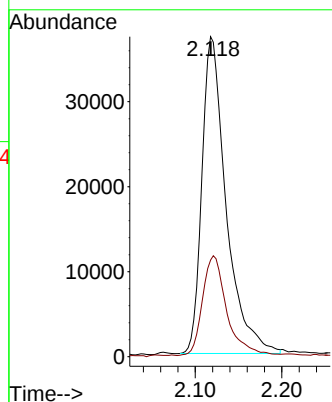
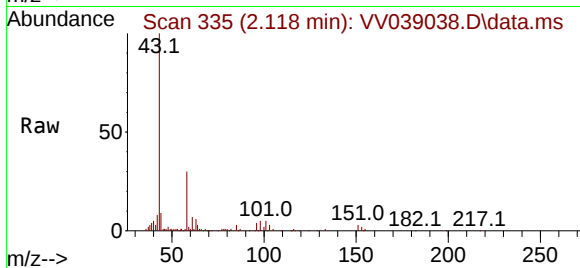
ClientSampleId :

Tgt Ion: 43 Resp: 72512

Ion Ratio Lower Upper

43 100

58 31.1 0.0 65.8



#14

Carbon disulfide

Concen: 5.236 ug/L

RT: 2.253 min Scan# 377

Delta R.T. 0.003 min

Lab File: VV039038.D

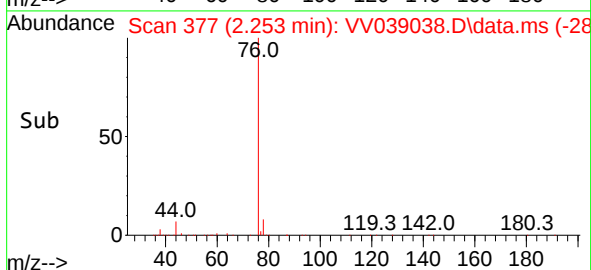
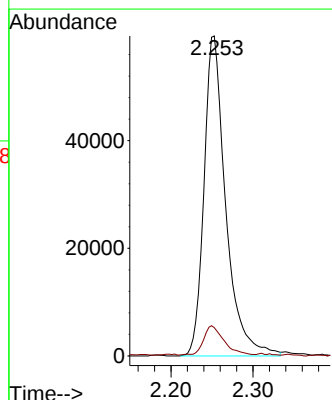
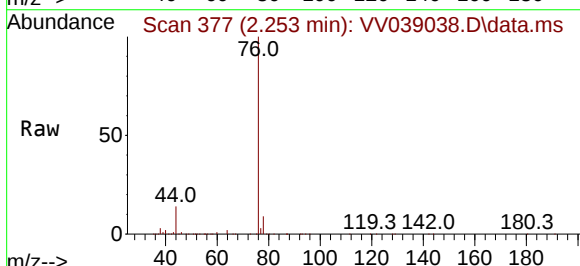
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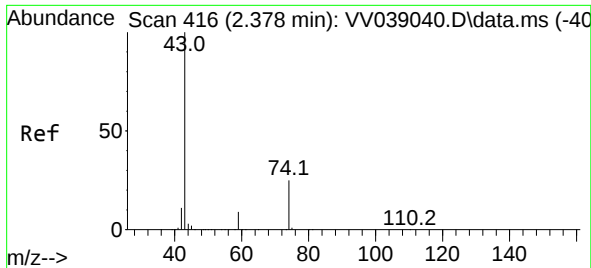
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Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6

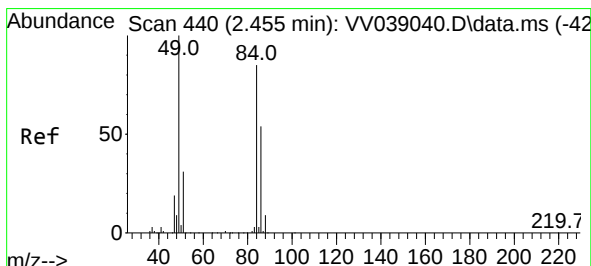
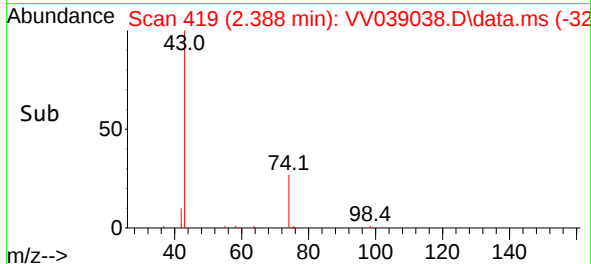
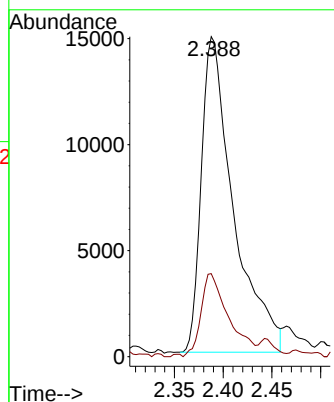
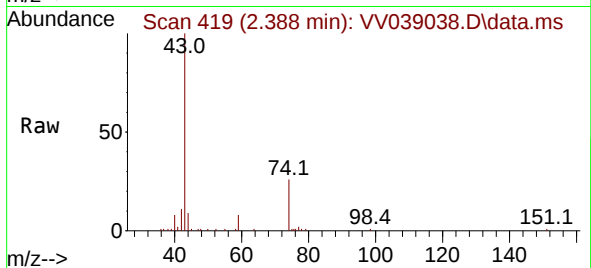




#15
Methyl Acetate
Concen: 3.919 ug/L
RT: 2.388 min Scan# 416
Delta R.T. 0.010 min
Lab File: VV039038.D
Acq: 11 Sep 2025 10:48

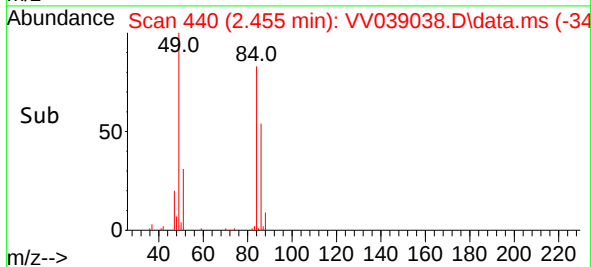
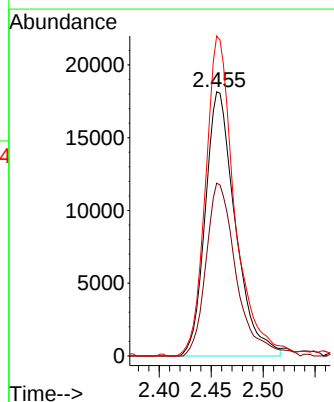
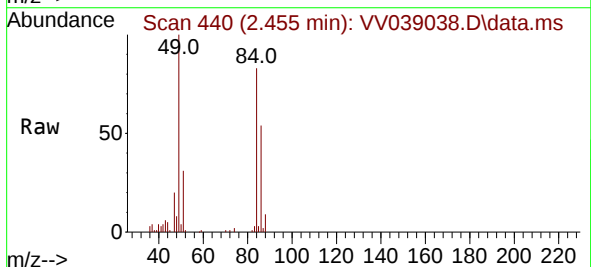
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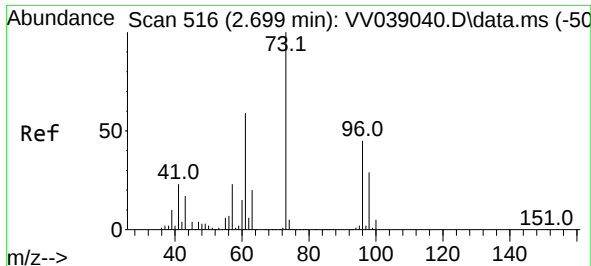
Tgt Ion: 43 Resp: 34181
Ion Ratio Lower Upper
43 100
74 22.4 19.6 29.4



#16
Methylene chloride
Concen: 4.702 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039038.D
Acq: 11 Sep 2025 10:48

Tgt Ion: 84 Resp: 36534
Ion Ratio Lower Upper
84 100
86 65.4 44.7 83.1
49 121.2 82.0 152.4

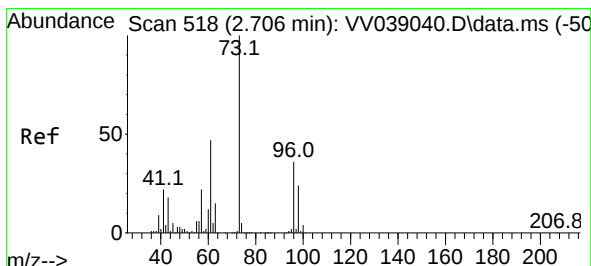
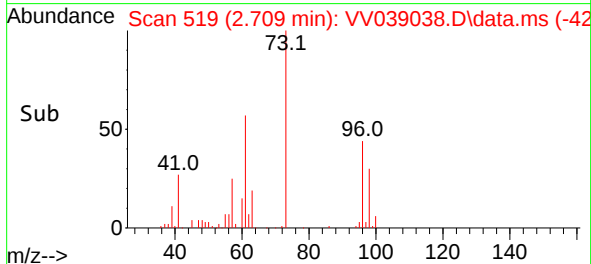
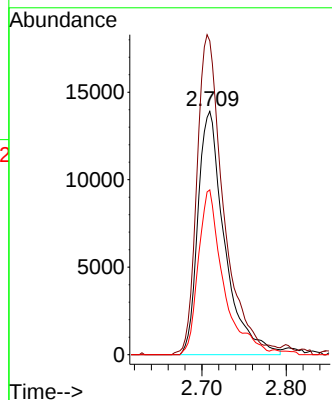
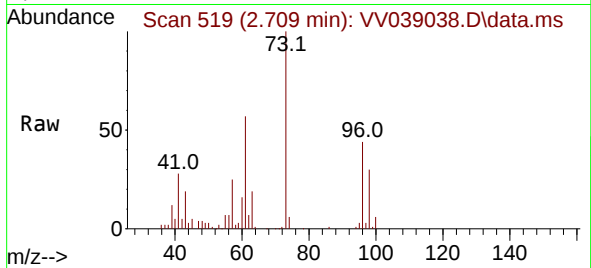




#17
trans-1,2-Dichloroethene
Concen: 4.515 ug/L
RT: 2.709 min Scan# 516
Delta R.T. 0.010 min
Lab File: VV039038.D
Acq: 11 Sep 2025 10:48

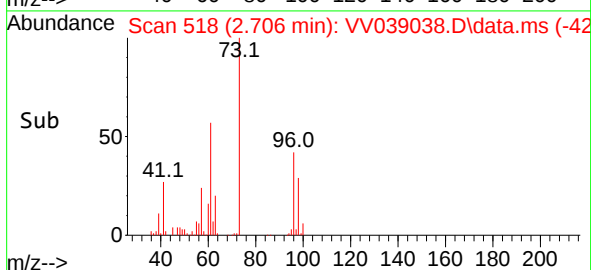
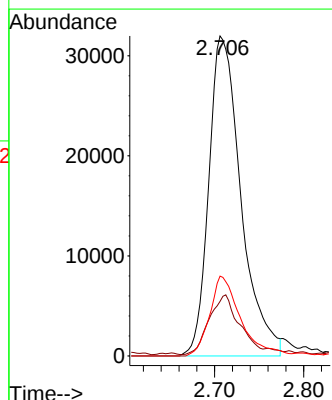
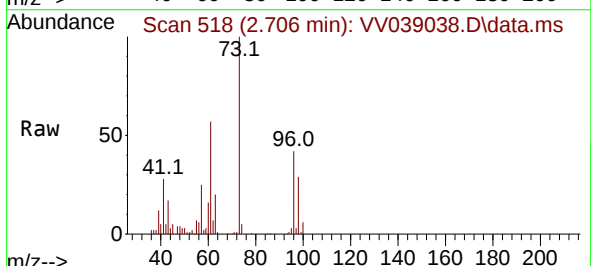
Instrument :
MSVOA_V
ClientSampleId :

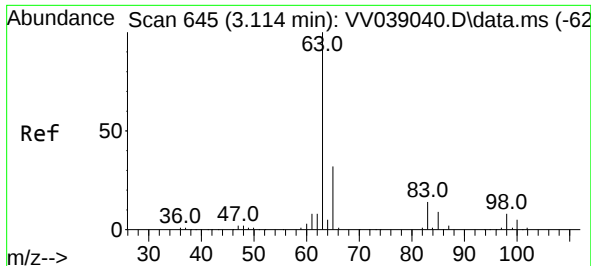
Tgt Ion: 96 Resp: 30632
Ion Ratio Lower Upper
96 100
61 128.9 91.3 169.5
98 67.7 44.7 83.1



#18
Methyl tert-butyl Ether
Concen: 3.962 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV039038.D
Acq: 11 Sep 2025 10:48

Tgt Ion: 73 Resp: 80198
Ion Ratio Lower Upper
73 100
43 17.5 14.2 21.4
57 23.9 17.5 26.3





#19

1,1-Dichloroethane

Concen: 4.236 ug/L

RT: 3.121 min Scan# 64

Delta R.T. 0.007 min

Lab File: VV039038.D

Acq: 11 Sep 2025 10:48

Instrument :

MSVOA_V

ClientSampleId :

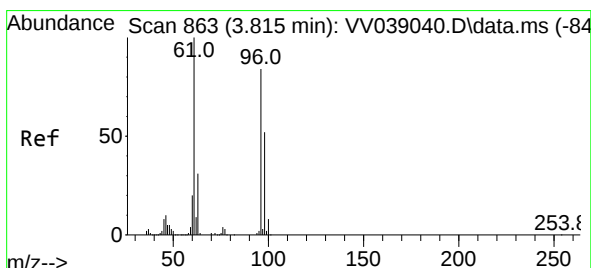
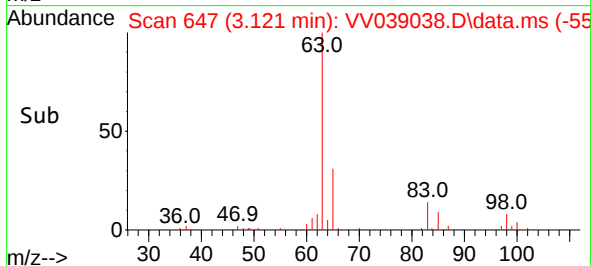
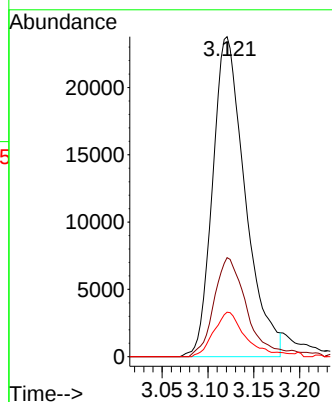
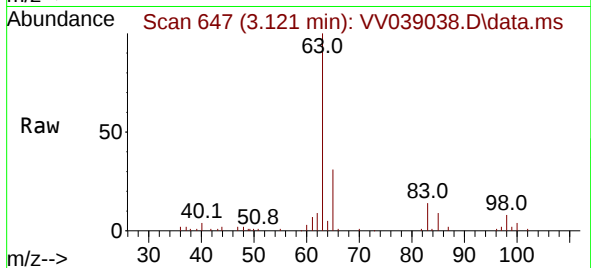
Tgt Ion: 63 Resp: 58668

Ion Ratio Lower Upper

63 100

65 30.9 22.4 41.6

83 13.9 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 4.161 ug/L

RT: 3.822 min Scan# 865

Delta R.T. 0.007 min

Lab File: VV039038.D

Acq: 11 Sep 2025 10:48

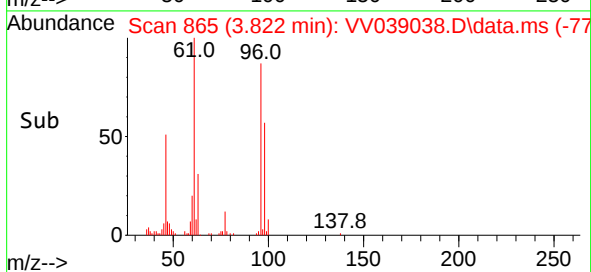
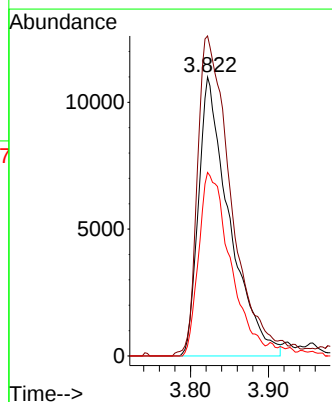
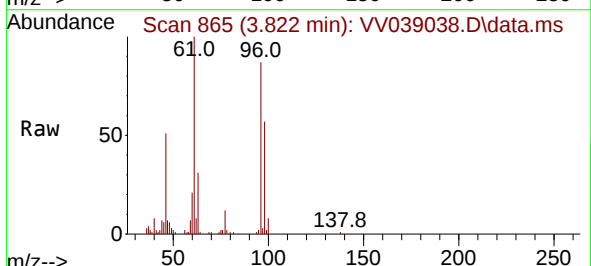
Tgt Ion: 96 Resp: 30255

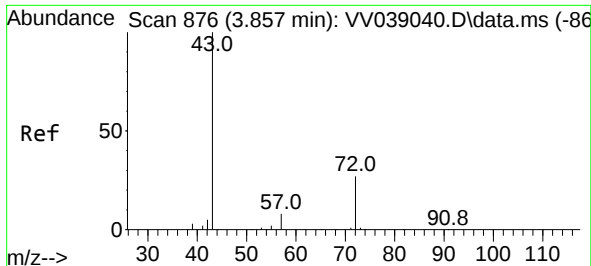
Ion Ratio Lower Upper

96 100

61 114.7 83.8 155.6

98 65.8 43.5 80.9

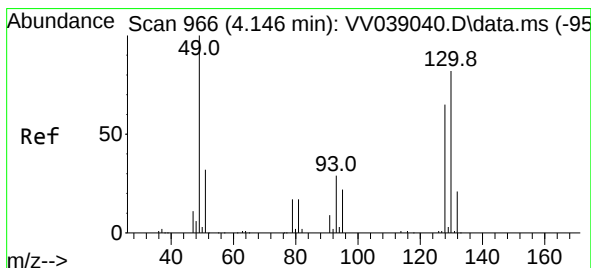
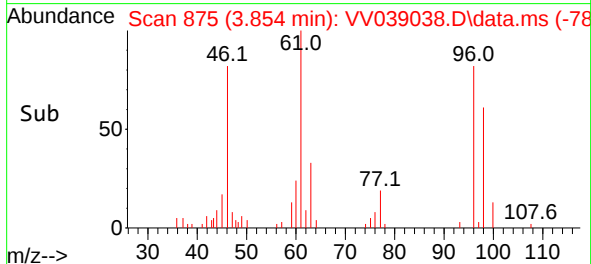
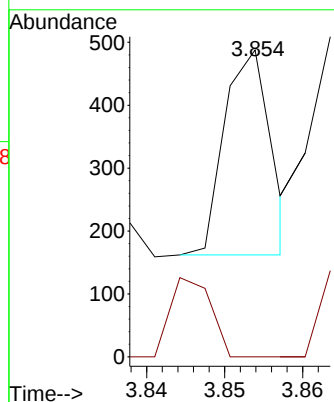
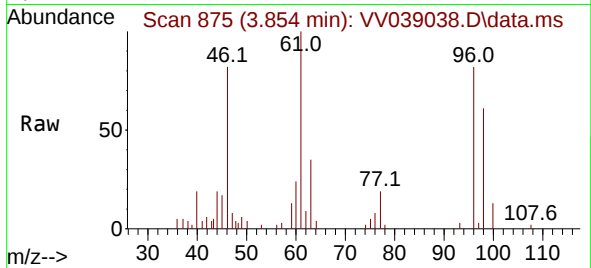




#22
2-Butanone
Concen: 0.026 ug/L
RT: 3.854 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV039038.D
Acq: 11 Sep 2025 10:48

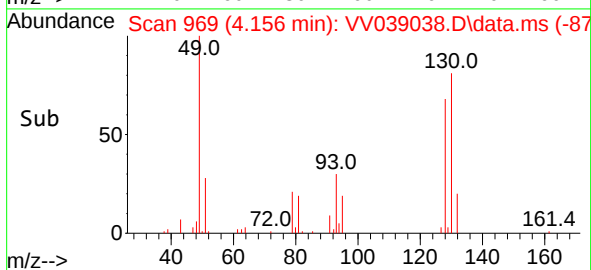
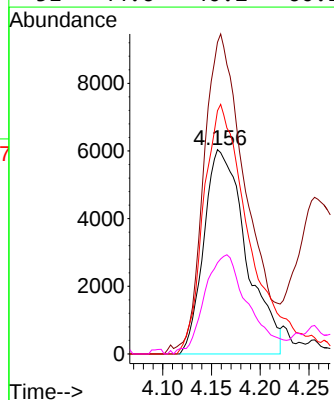
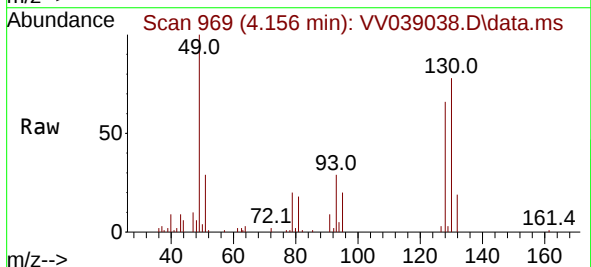
Instrument :
MSVOA_V
ClientSampleId :

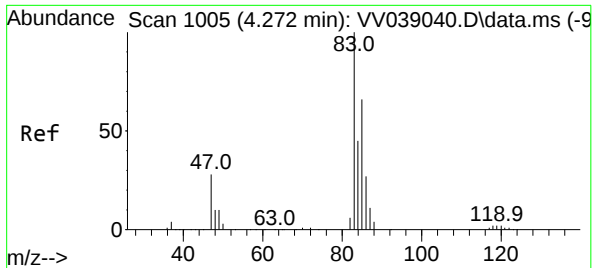
Tgt Ion: 43 Resp: 135
Ion Ratio Lower Upper
43 100
72 33.3 13.2 39.5



#23
Bromochloromethane
Concen: 4.705 ug/L
RT: 4.156 min Scan# 969
Delta R.T. 0.010 min
Lab File: VV039038.D
Acq: 11 Sep 2025 10:48

Tgt Ion:128 Resp: 18210
Ion Ratio Lower Upper
128 100
49 152.6 108.4 201.4
130 119.0 89.1 165.5
51 44.6 40.2 60.2

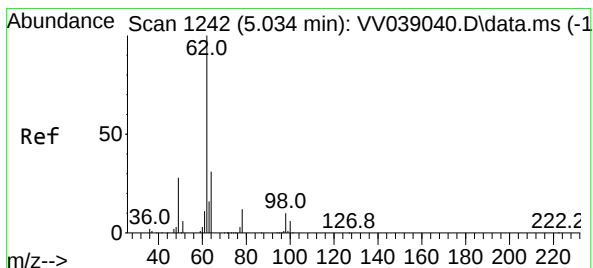
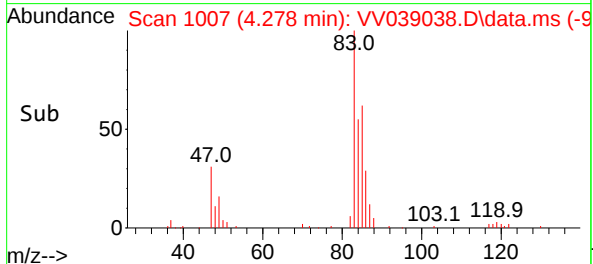
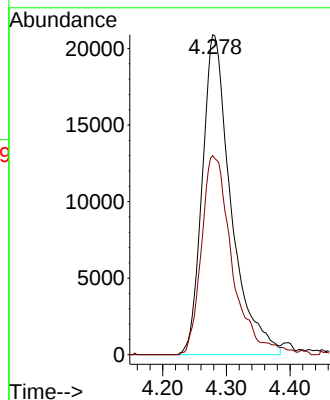
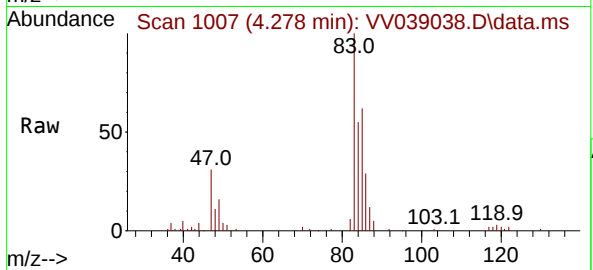




#25
Chloroform
Concen: 4.762 ug/L
RT: 4.278 min Scan# 1005
Delta R.T. 0.007 min
Lab File: VV039038.D
Acq: 11 Sep 2025 10:48

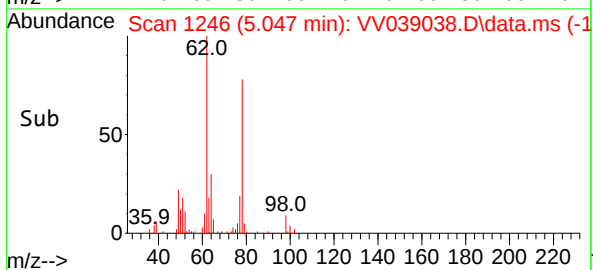
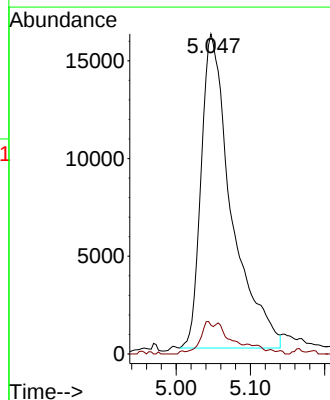
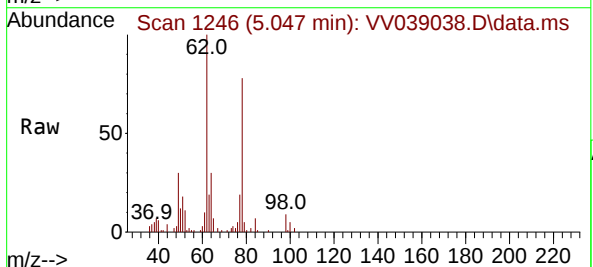
Instrument :
MSVOA_V
ClientSampleId :

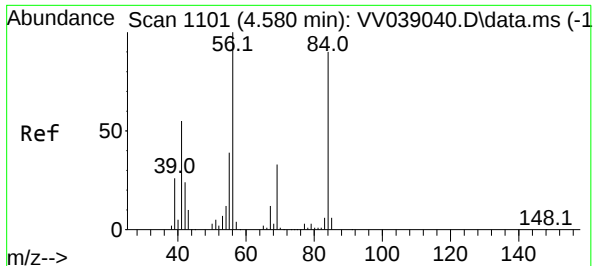
Tgt Ion: 83 Resp: 65682
Ion Ratio Lower Upper
83 100
85 62.2 46.1 85.5



#27
1,2-Dichloroethane
Concen: 4.399 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. 0.013 min
Lab File: VV039038.D
Acq: 11 Sep 2025 10:48

Tgt Ion: 62 Resp: 45536
Ion Ratio Lower Upper
62 100
98 9.0 8.2 12.4





#29

Cyclohexane

Concen: 1.792 ug/L

RT: 4.577 min Scan# 1101

Delta R.T. -0.003 min

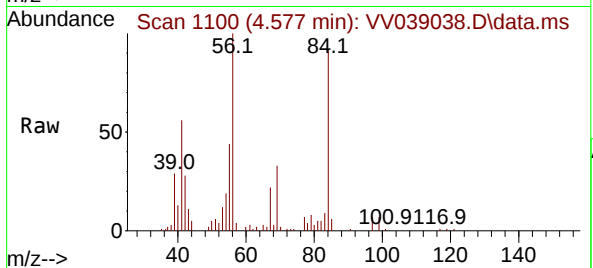
Lab File: VV039038.D

Acq: 11 Sep 2025 10:48

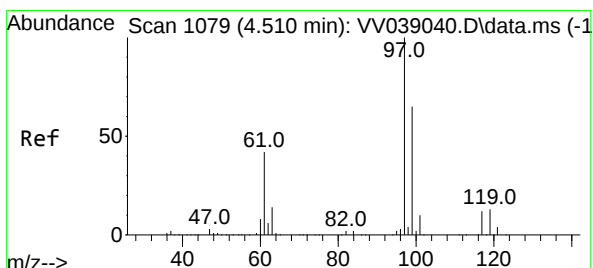
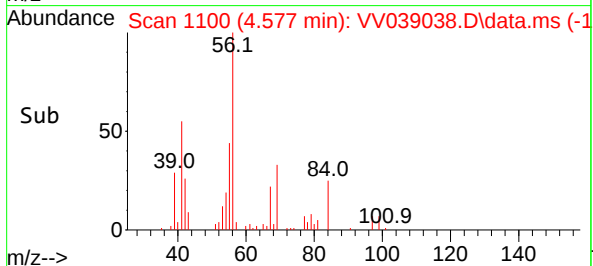
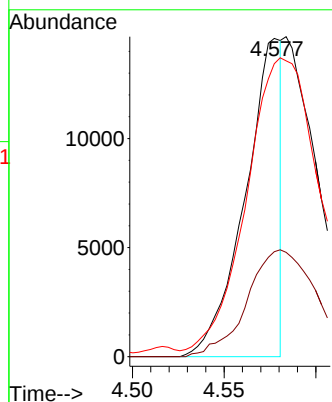
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	56	Resp:	20019
Ion Ratio	Lower	Upper	
56	100		
69	67.4	25.1	37.7#
84	190.4	73.0	109.4#



#30

1,1,1-Trichloroethane

Concen: 4.833 ug/L

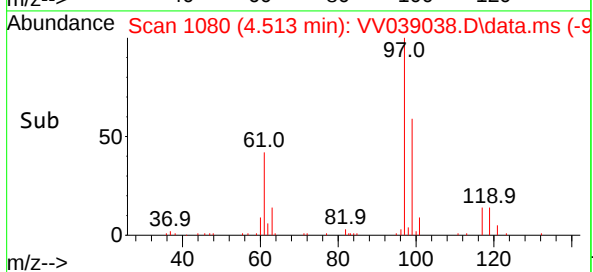
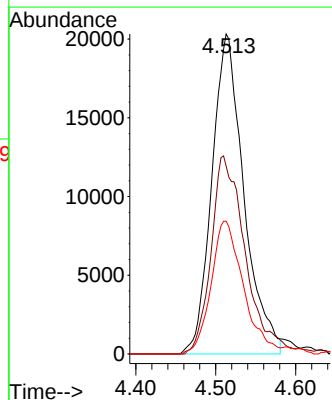
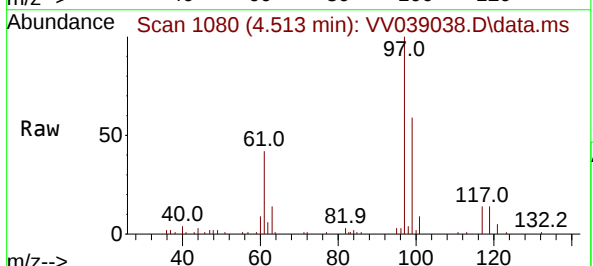
RT: 4.513 min Scan# 1080

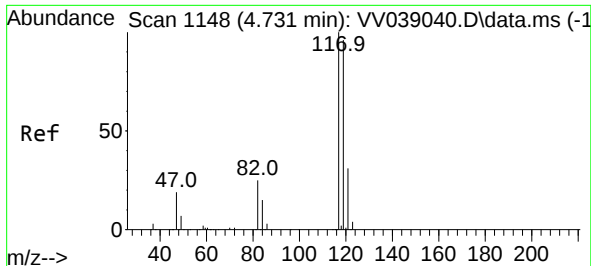
Delta R.T. 0.003 min

Lab File: VV039038.D

Acq: 11 Sep 2025 10:48

Tgt Ion:	97	Resp:	56526
Ion Ratio	Lower	Upper	
97	100		
99	62.9	51.1	76.7
61	41.8	33.7	50.5

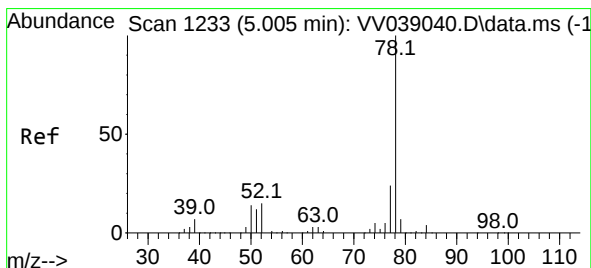
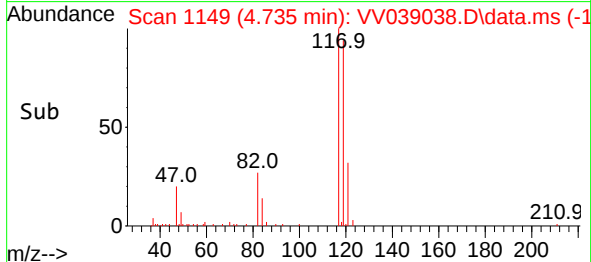
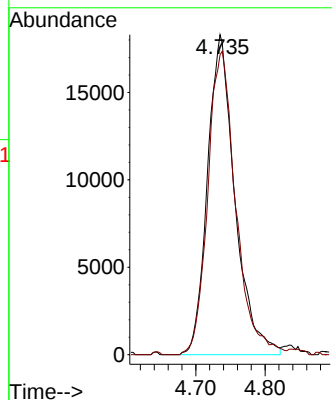
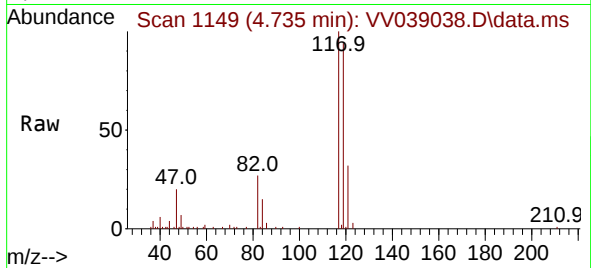




#31
Carbon tetrachloride
Concen: 4.915 ug/L
RT: 4.735 min Scan# 1148
Delta R.T. 0.003 min
Lab File: VV039038.D
Acq: 11 Sep 2025 10:48

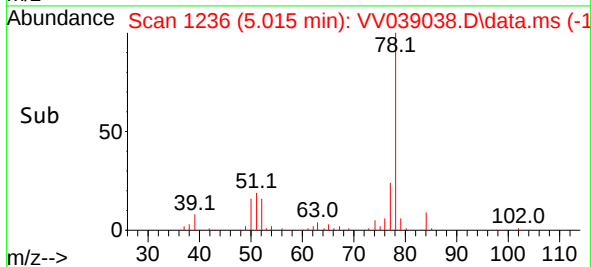
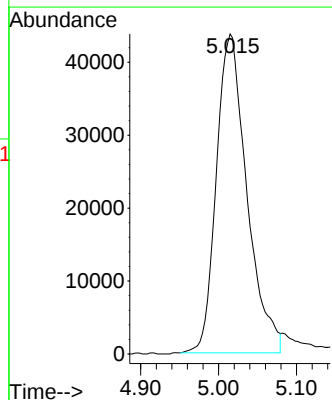
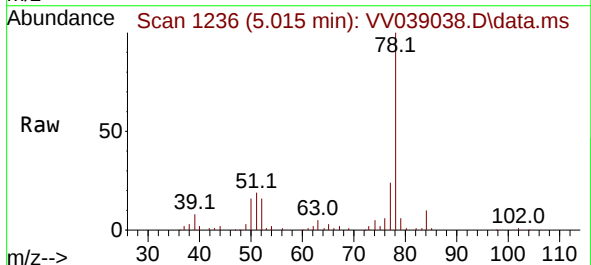
Instrument :
MSVOA_V
ClientSampleId :

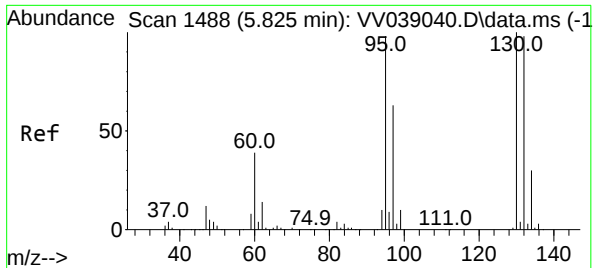
Tgt Ion:117 Resp: 50254
Ion Ratio Lower Upper
117 100
119 95.5 76.2 114.4



#33
Benzene
Concen: 4.286 ug/L
RT: 5.015 min Scan# 1236
Delta R.T. 0.010 min
Lab File: VV039038.D
Acq: 11 Sep 2025 10:48

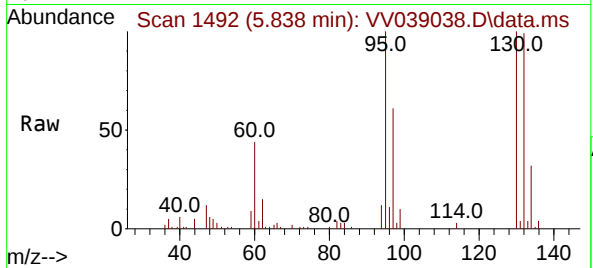
Tgt Ion: 78 Resp: 119023



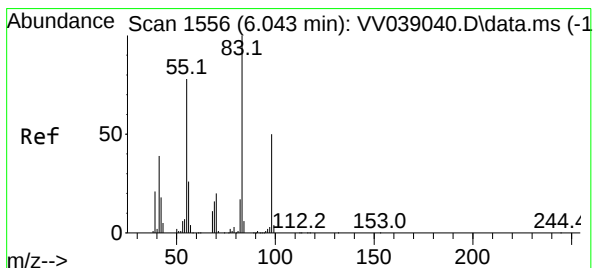
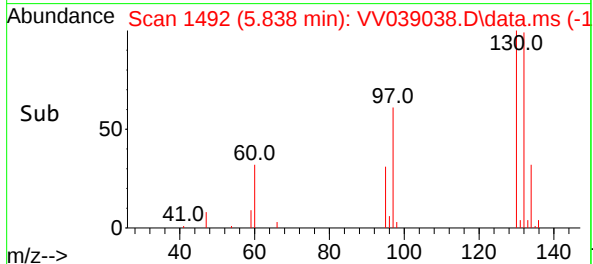
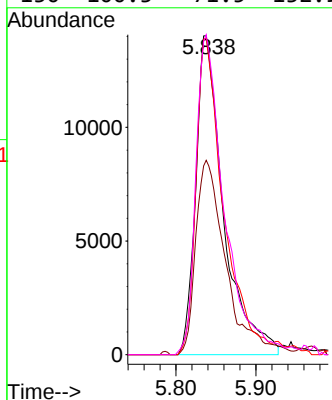


#34
 Trichloroethene
 Concen: 4.612 ug/L
 RT: 5.838 min Scan# 1492
 Delta R.T. 0.013 min
 Lab File: VV039038.D
 Acq: 11 Sep 2025 10:48

Instrument :
 MSVOA_V
 ClientSampleId :

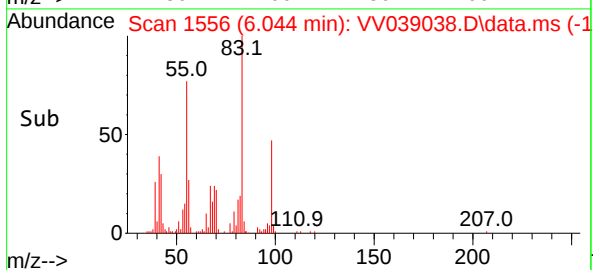
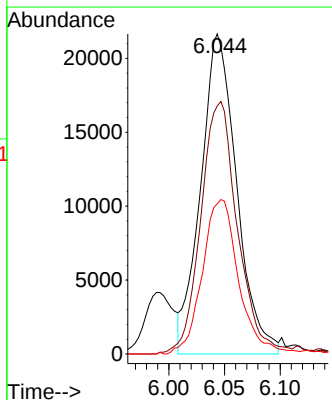
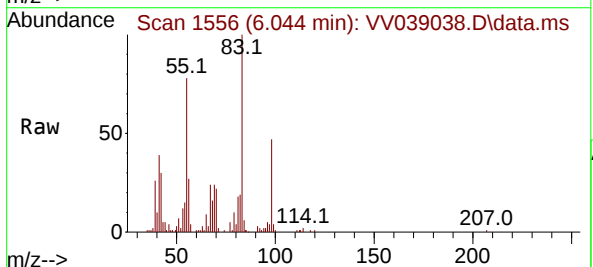


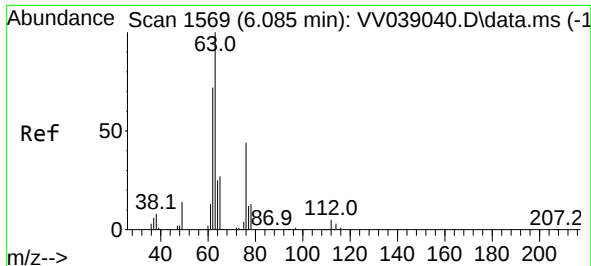
Tgt Ion:	95	Resp:	33959
Ion	Ratio	Lower	Upper
95	100		
97	60.9	45.4	84.2
132	99.2	69.9	129.7
130	100.3	71.5	132.9



#35
 Methylcyclohexane
 Concen: 4.184 ug/L
 RT: 6.044 min Scan# 1556
 Delta R.T. 0.000 min
 Lab File: VV039038.D
 Acq: 11 Sep 2025 10:48

Tgt Ion:	83	Resp:	48686
Ion	Ratio	Lower	Upper
83	100		
55	80.4	59.0	88.6
98	48.6	37.7	56.5





#37

1,2-Dichloropropane

Concen: 4.186 ug/L

RT: 6.092 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV039038.D

Acq: 11 Sep 2025 10:48

Instrument :

MSVOA_V

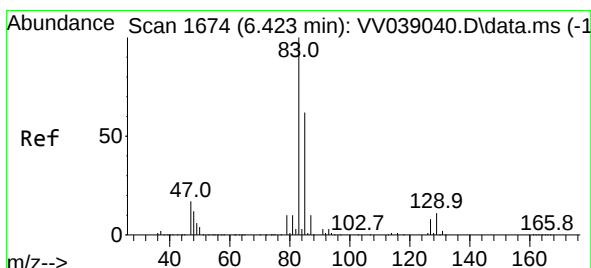
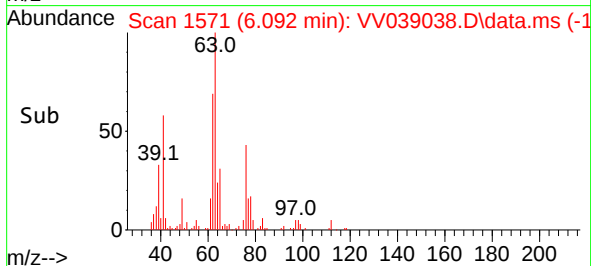
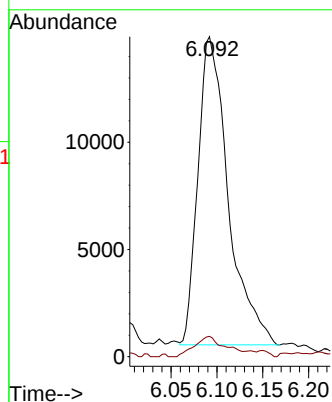
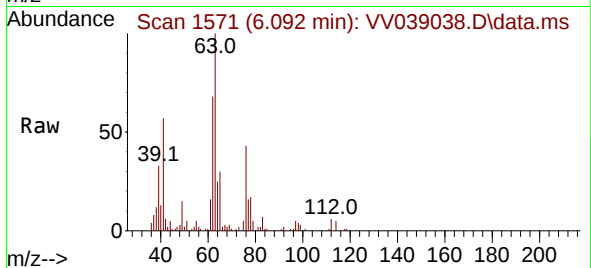
ClientSampleId :

Tgt Ion: 63 Resp: 33093

Ion Ratio Lower Upper

63 100

112 5.7 3.6 5.4#



#38

Bromodichloromethane

Concen: 4.696 ug/L

RT: 6.433 min Scan# 1677

Delta R.T. 0.010 min

Lab File: VV039038.D

Acq: 11 Sep 2025 10:48

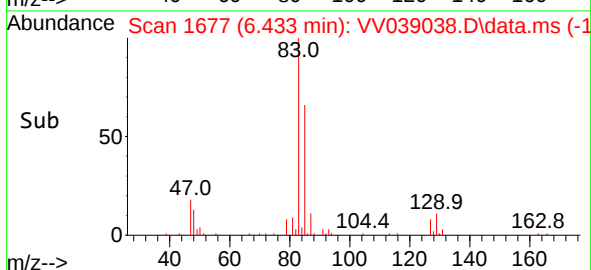
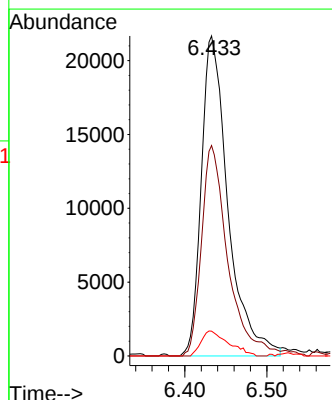
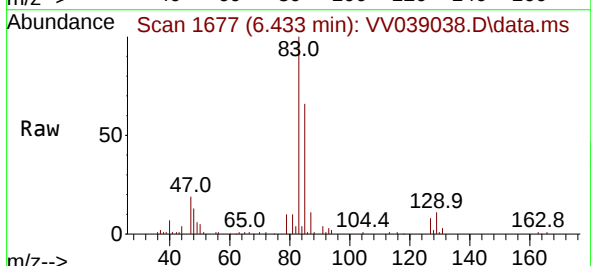
Tgt Ion: 83 Resp: 48992

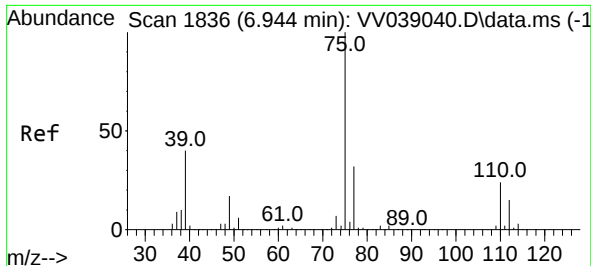
Ion Ratio Lower Upper

83 100

85 65.8 43.5 80.7

127 7.8 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 4.229 ug/L

RT: 6.957 min Scan# 11

Delta R.T. 0.013 min

Lab File: VV039038.D

Acq: 11 Sep 2025 10:48

Instrument :

MSVOA_V

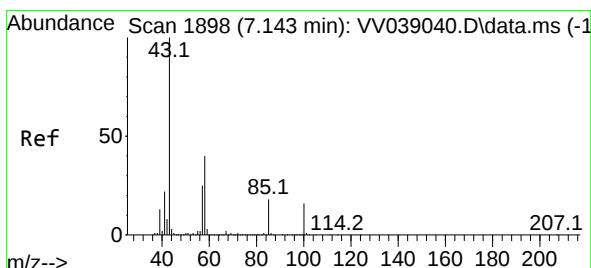
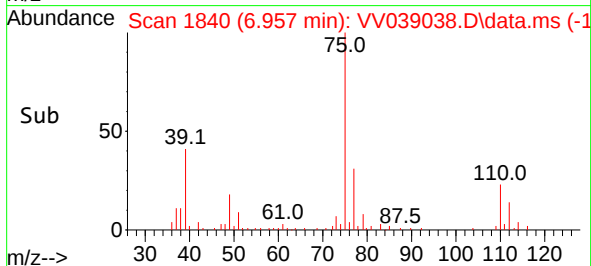
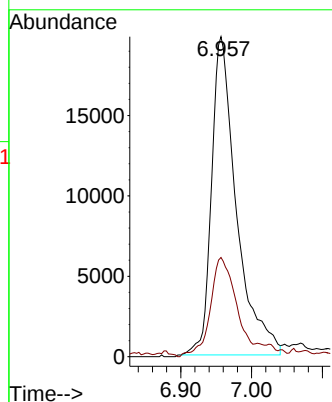
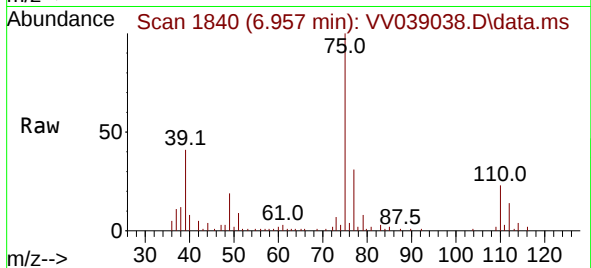
ClientSampleId :

Tgt Ion: 75 Resp: 48456

Ion Ratio Lower Upper

75 100

77 31.0 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 6.827 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. 0.010 min

Lab File: VV039038.D

Acq: 11 Sep 2025 10:48

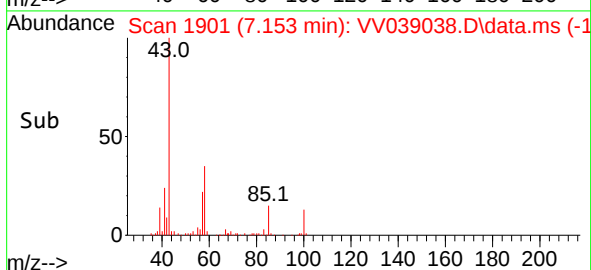
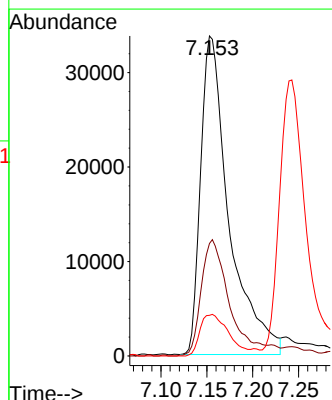
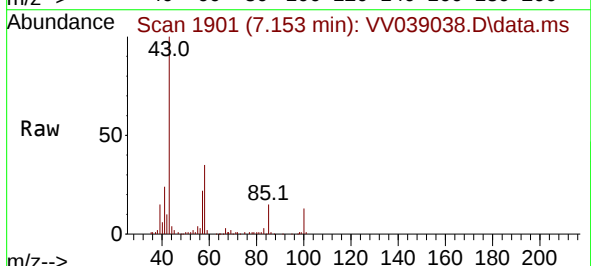
Tgt Ion: 43 Resp: 72572

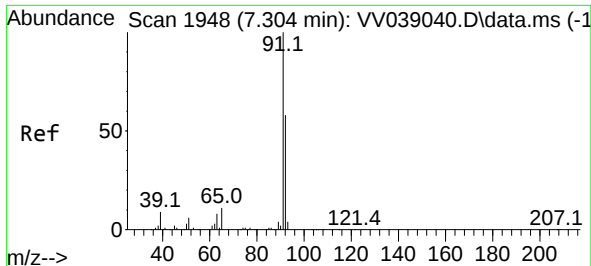
Ion Ratio Lower Upper

43 100

58 34.6 32.6 48.8

100 13.3 12.7 19.1

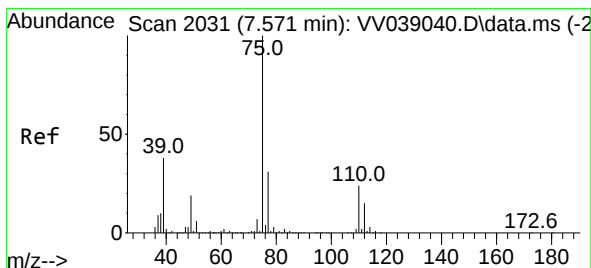
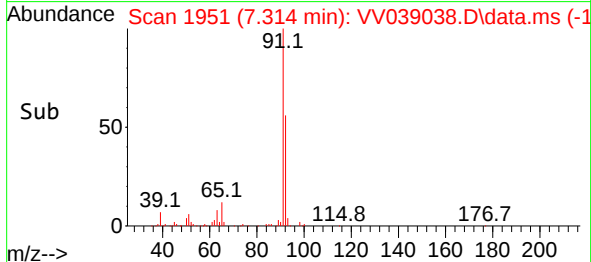
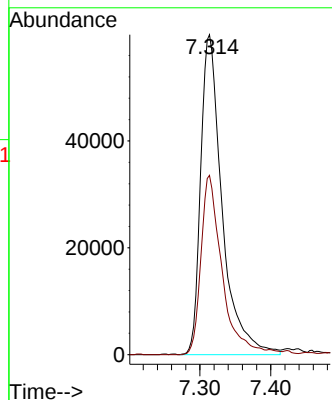
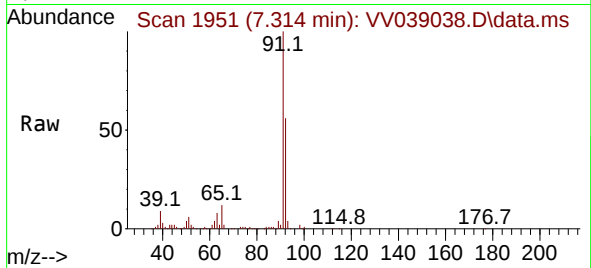




#42
Toluene
Concen: 4.338 ug/L
RT: 7.314 min Scan# 1948
Delta R.T. 0.010 min
Lab File: VV039038.D
Acq: 11 Sep 2025 10:48

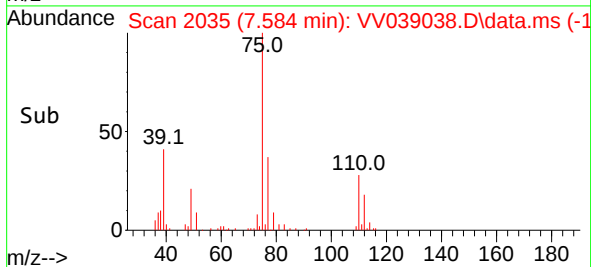
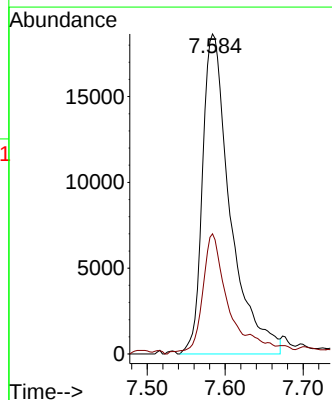
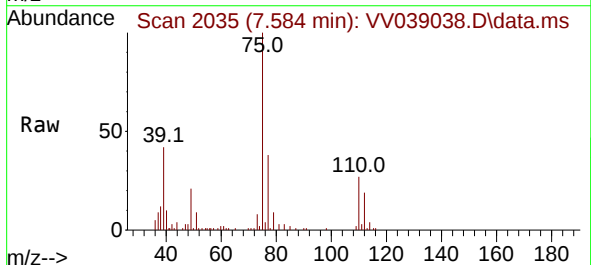
Instrument :
MSVOA_V
ClientSampleId :

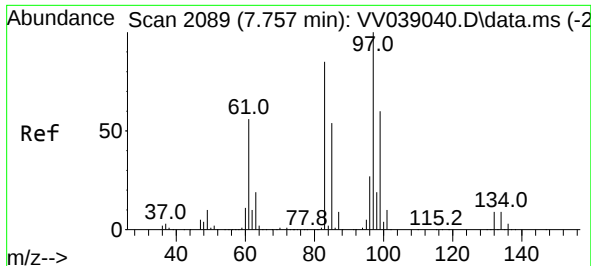
Tgt Ion: 91 Resp: 126006
Ion Ratio Lower Upper
91 100
92 56.0 40.9 75.9



#44
trans-1,3-Dichloropropene
Concen: 4.117 ug/L
RT: 7.584 min Scan# 2035
Delta R.T. 0.013 min
Lab File: VV039038.D
Acq: 11 Sep 2025 10:48

Tgt Ion: 75 Resp: 46228
Ion Ratio Lower Upper
75 100
77 37.6 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 4.485 ug/L

RT: 7.764 min Scan# 2089

Delta R.T. 0.007 min

Lab File: VV039038.D

Acq: 11 Sep 2025 10:48

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 35603

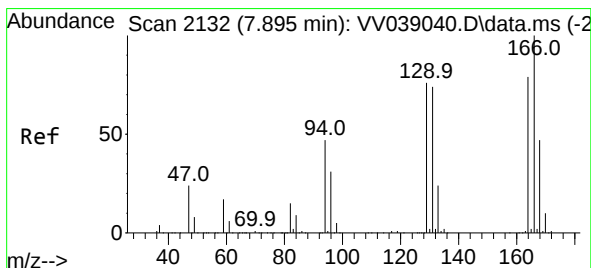
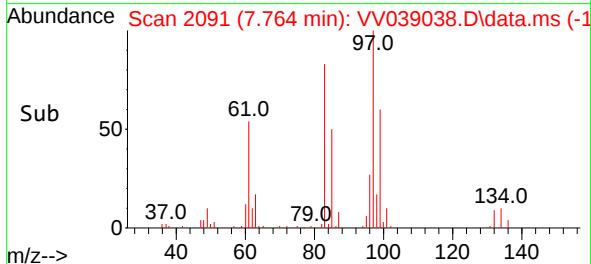
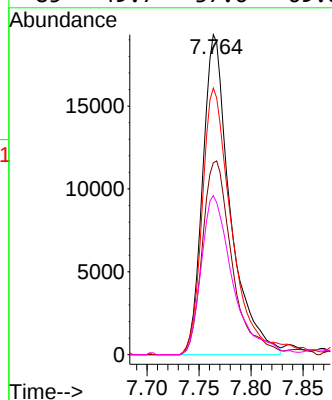
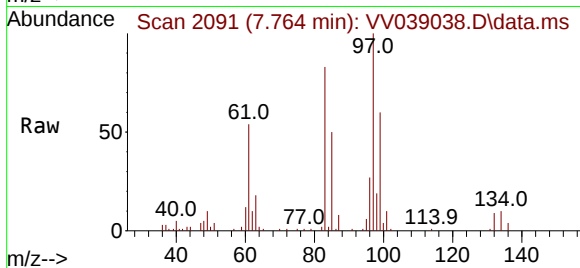
Ion Ratio Lower Upper

97 100

99 60.0 42.3 78.5

83 83.3 59.4 110.2

85 49.7 37.6 69.8



#46

Tetrachloroethene

Concen: 4.798 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.003 min

Lab File: VV039038.D

Acq: 11 Sep 2025 10:48

Tgt Ion:164 Resp: 26329

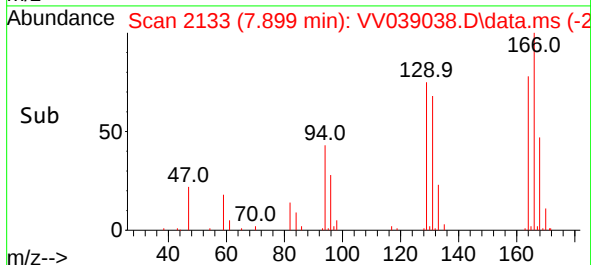
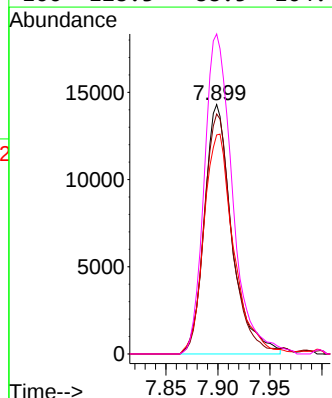
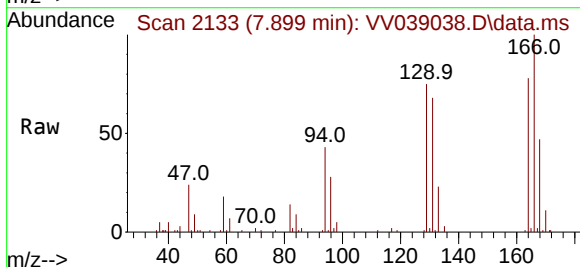
Ion Ratio Lower Upper

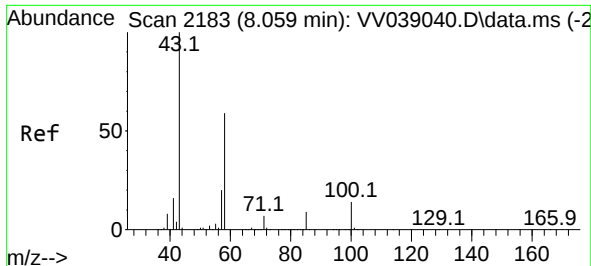
164 100

129 96.2 67.0 124.4

131 87.8 65.6 121.8

166 128.3 88.5 164.4

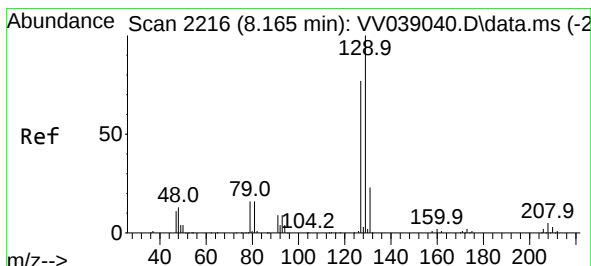
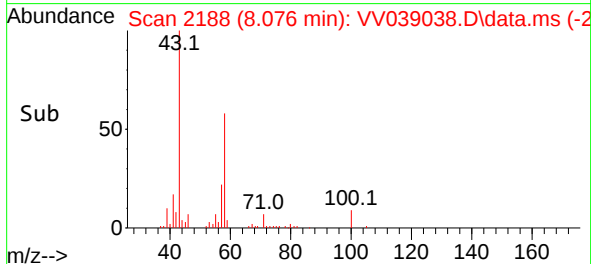
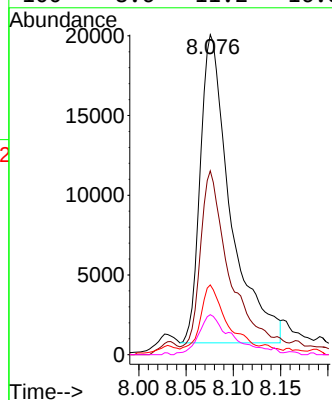
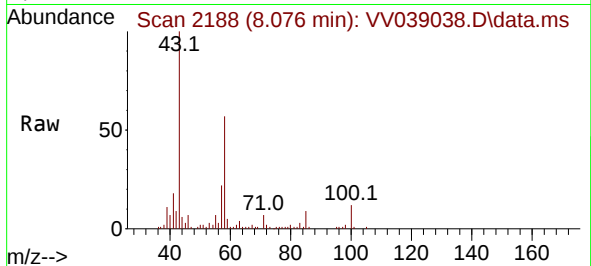




#48
2-Hexanone
Concen: 5.561 ug/L
RT: 8.076 min Scan# 2183
Delta R.T. 0.016 min
Lab File: VV039038.D
Acq: 11 Sep 2025 10:48

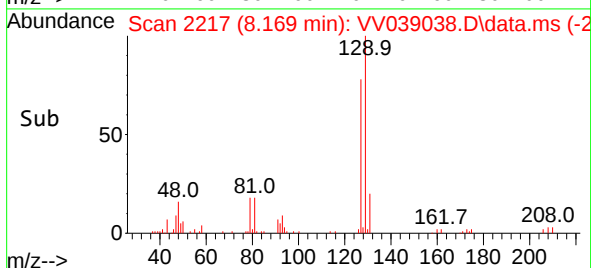
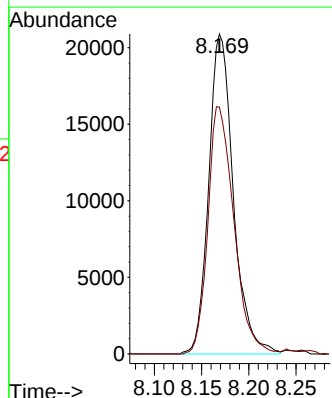
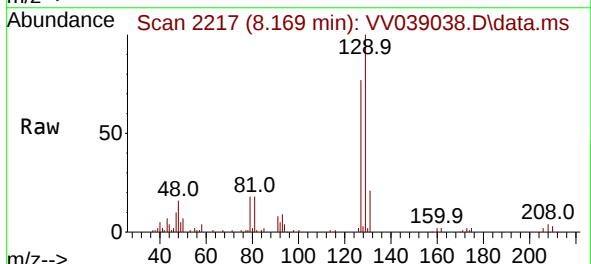
Instrument :
MSVOA_V
ClientSampleId :

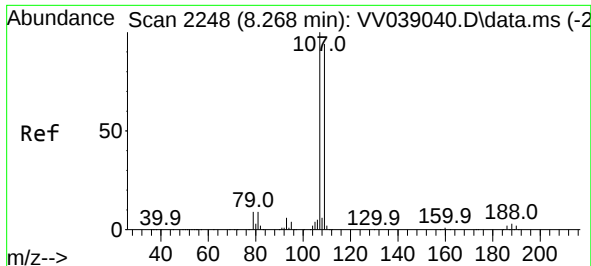
Tgt Ion: 43 Resp: 42754
Ion Ratio Lower Upper
43 100
58 54.9 46.3 69.5
57 17.9 15.8 23.6
100 8.6 11.2 16.8#



#49
Dibromochloromethane
Concen: 4.715 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV039038.D
Acq: 11 Sep 2025 10:48

Tgt Ion: 129 Resp: 37866
Ion Ratio Lower Upper
129 100
127 77.2 53.8 100.0





#50

1,2-Dibromoethane

Concen: 4.460 ug/L

RT: 8.281 min Scan# 21

Delta R.T. 0.013 min

Lab File: VV039038.D

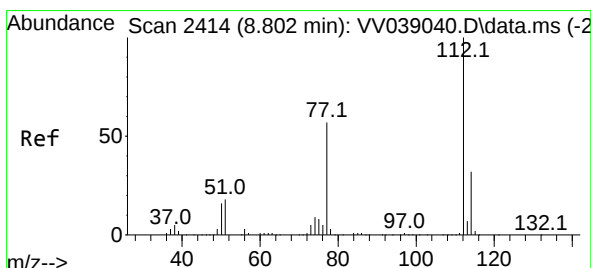
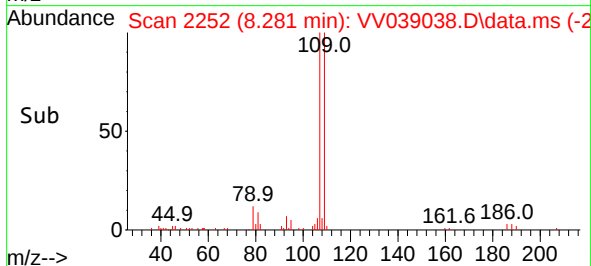
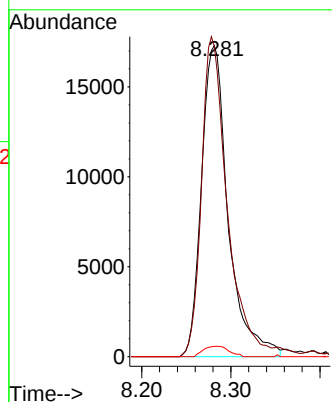
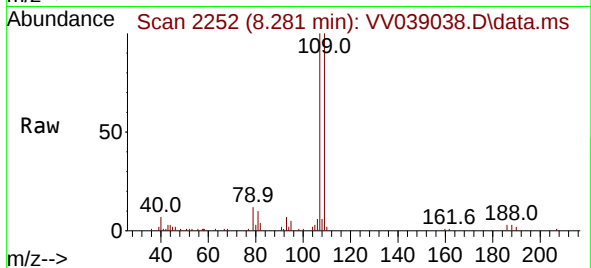
Acq: 11 Sep 2025 10:48

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	35979
Ion	Ratio	Lower	Upper
107	100		
109	99.8	66.1	122.8
188	3.3	2.6	4.0



#51

Chlorobenzene

Concen: 4.613 ug/L

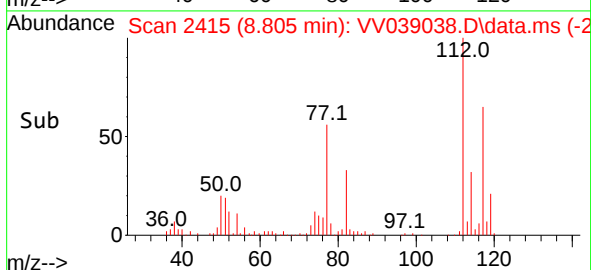
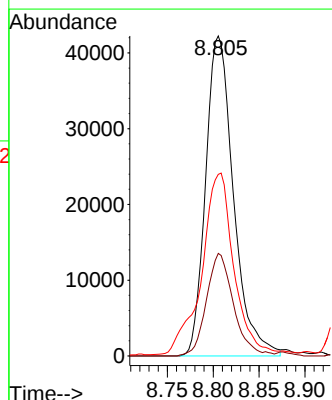
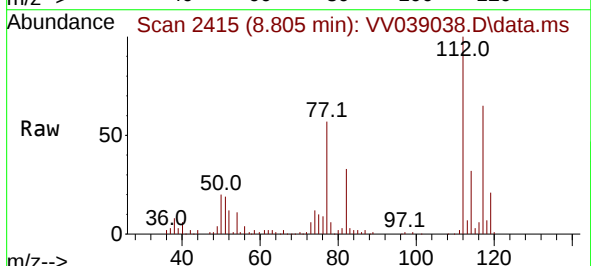
RT: 8.805 min Scan# 2415

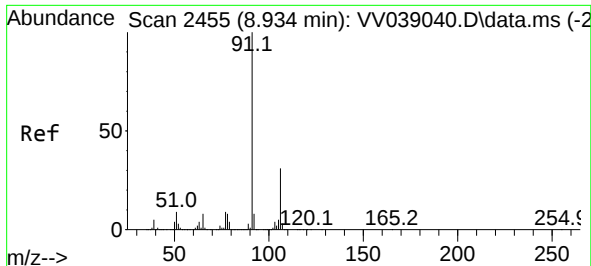
Delta R.T. 0.003 min

Lab File: VV039038.D

Acq: 11 Sep 2025 10:48

Tgt Ion:	112	Resp:	89450
Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.3	41.3
77	56.8	45.5	68.3

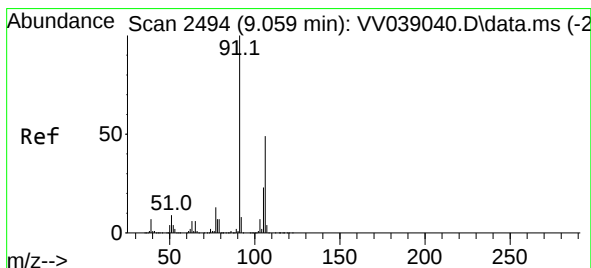
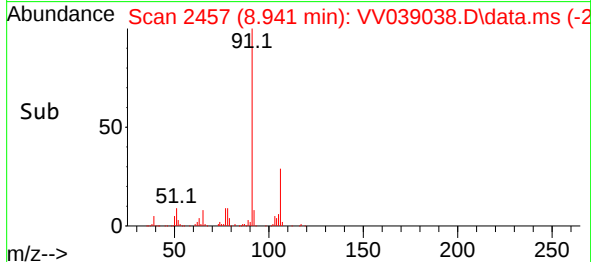
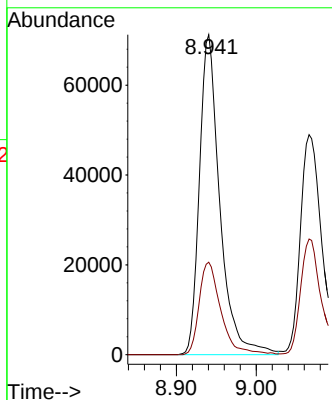
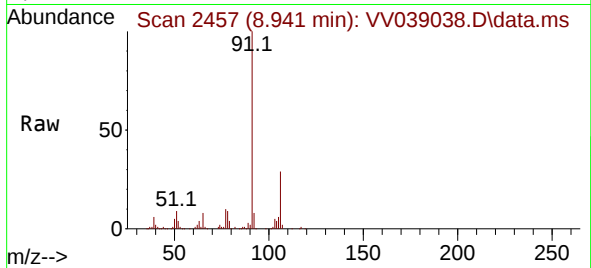




#52
Ethylbenzene
Concen: 4.083 ug/L
RT: 8.941 min Scan# 2457
Delta R.T. 0.007 min
Lab File: VV039038.D
Acq: 11 Sep 2025 10:48

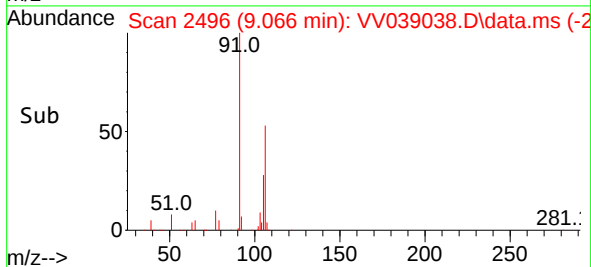
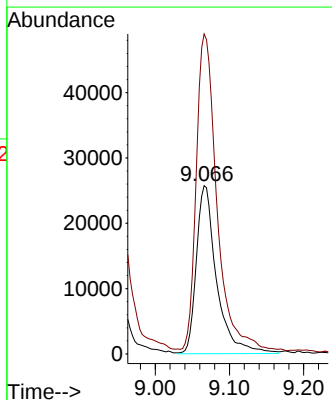
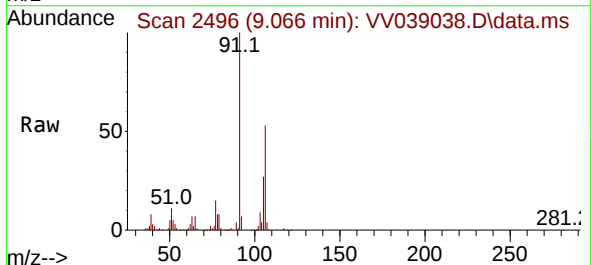
Instrument :
MSVOA_V
ClientSampleId :

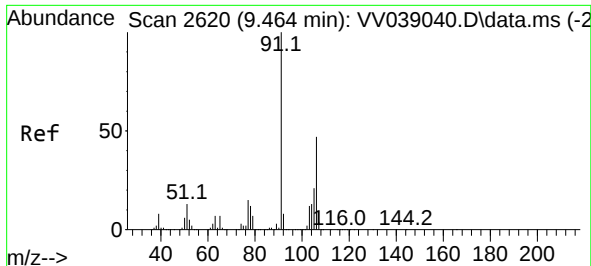
Tgt Ion: 91 Resp: 126636
Ion Ratio Lower Upper
91 100
106 28.9 21.7 40.3



#53
m,p-Xylene
Concen: 4.283 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. 0.007 min
Lab File: VV039038.D
Acq: 11 Sep 2025 10:48

Tgt Ion: 106 Resp: 48806
Ion Ratio Lower Upper
106 100
91 190.1 142.0 263.8

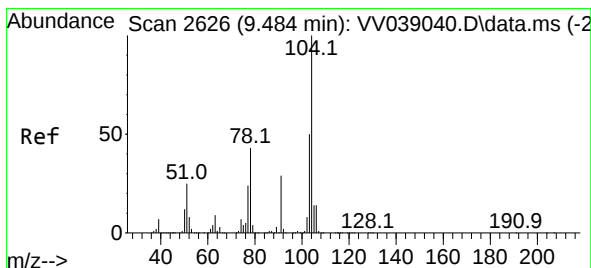
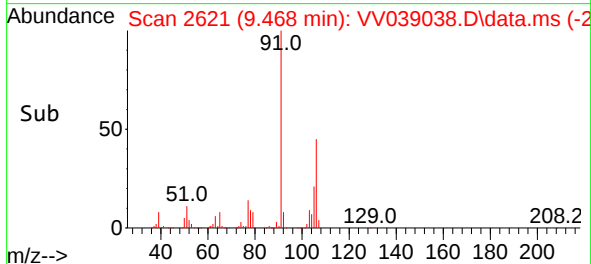
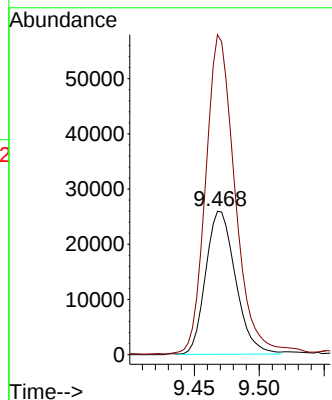
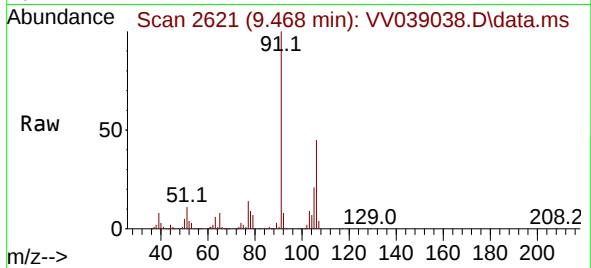




#54
o-Xylene
Concen: 3.751 ug/L
RT: 9.468 min Scan# 2621
Delta R.T. 0.003 min
Lab File: VV039038.D
Acq: 11 Sep 2025 10:48

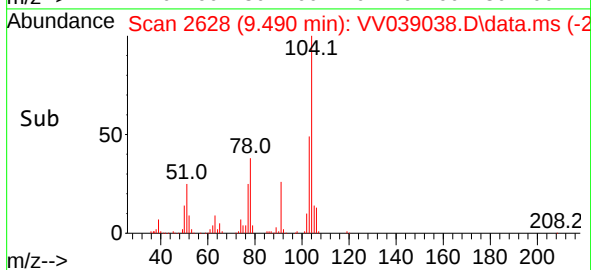
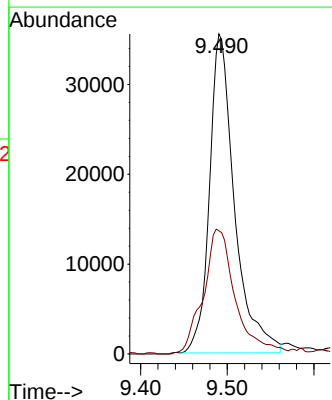
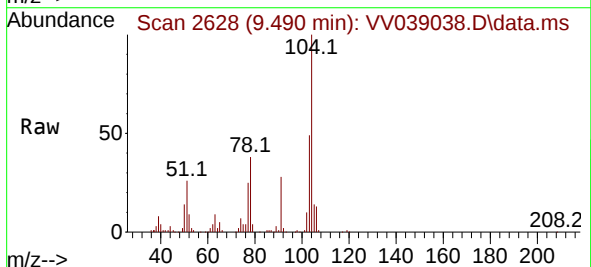
Instrument :
MSVOA_V
ClientSampleId :

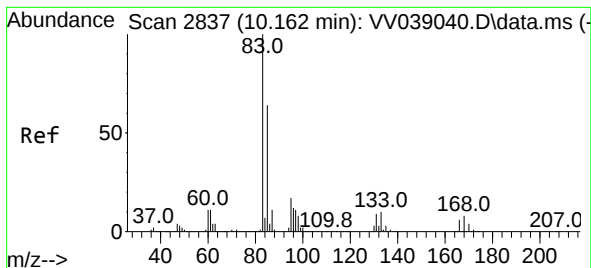
Tgt Ion:106 Resp: 41365
Ion Ratio Lower Upper
106 100
91 223.2 149.1 276.9



#55
Styrene
Concen: 3.723 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.007 min
Lab File: VV039038.D
Acq: 11 Sep 2025 10:48

Tgt Ion:104 Resp: 71354
Ion Ratio Lower Upper
104 100
78 38.5 30.3 56.3

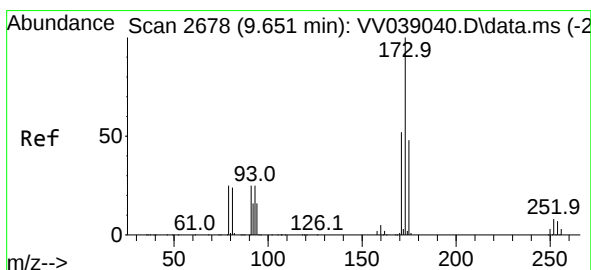
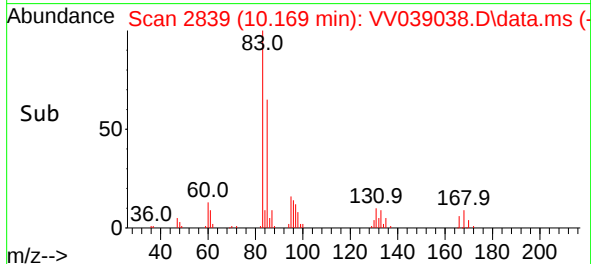
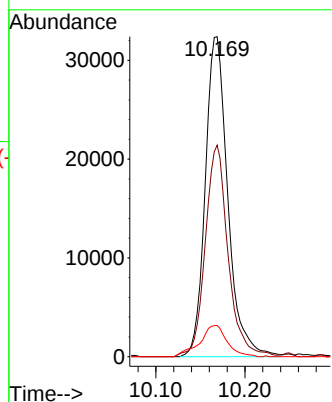
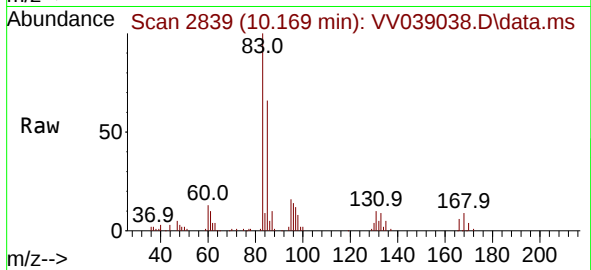




#57
1,1,2,2-Tetrachloroethane
Concen: 4.426 ug/L
RT: 10.169 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV039038.D
Acq: 11 Sep 2025 10:48

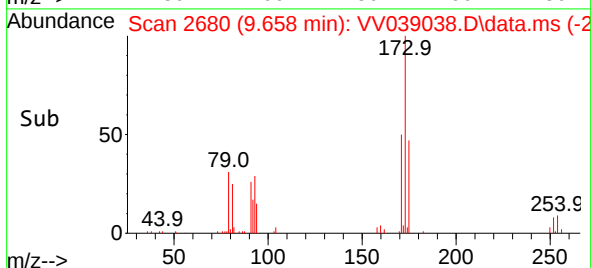
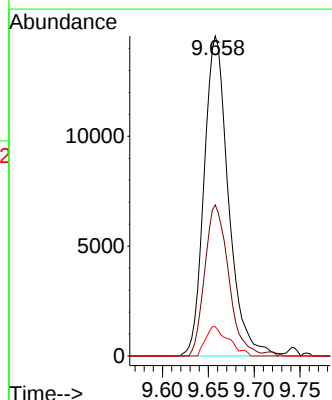
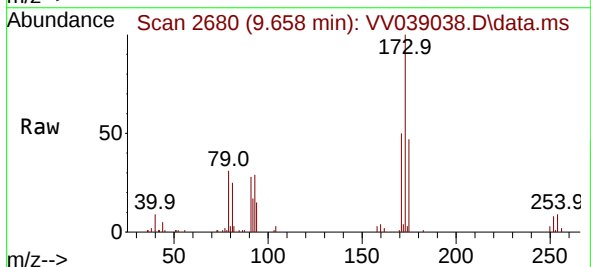
Instrument :
MSVOA_V
ClientSampleId :

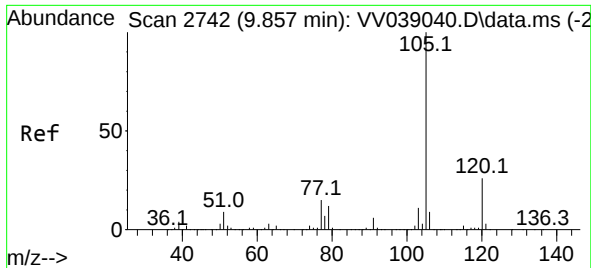
Tgt Ion: 83 Resp: 56912
Ion Ratio Lower Upper
83 100
85 66.1 44.8 83.2
131 9.8 7.6 11.4



#59
Bromoform
Concen: 5.236 ug/L
RT: 9.658 min Scan# 2680
Delta R.T. 0.007 min
Lab File: VV039038.D
Acq: 11 Sep 2025 10:48

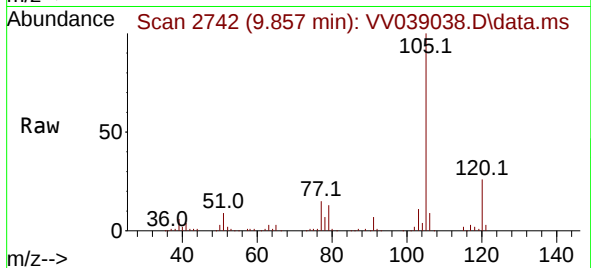
Tgt Ion: 173 Resp: 26955
Ion Ratio Lower Upper
173 100
175 46.1 38.9 58.3
254 8.1 5.9 8.9



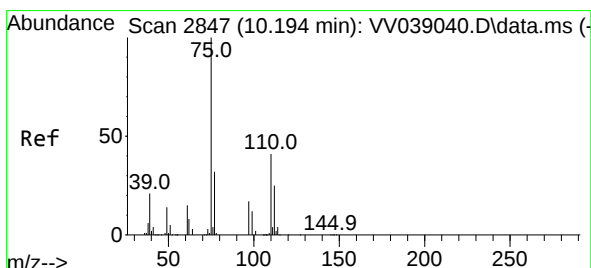
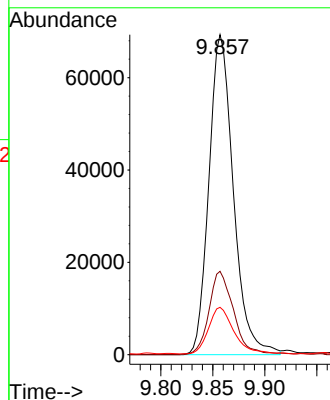
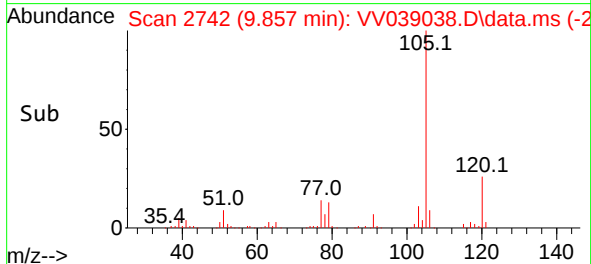


#60
Isopropylbenzene
Concen: 4.335 ug/L
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039038.D
Acq: 11 Sep 2025 10:48

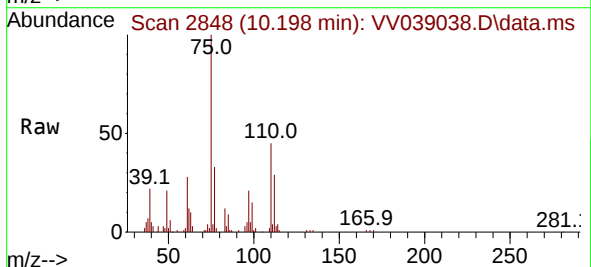
Instrument :
MSVOA_V
ClientSampleId :



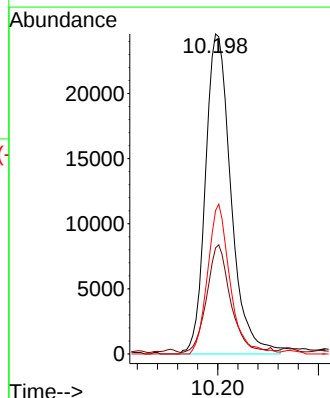
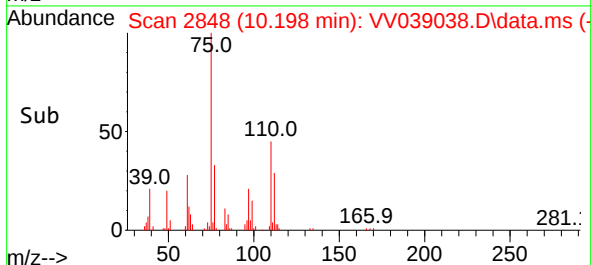
Tgt Ion:105 Resp: 113292
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.4
77 14.8 12.2 18.4

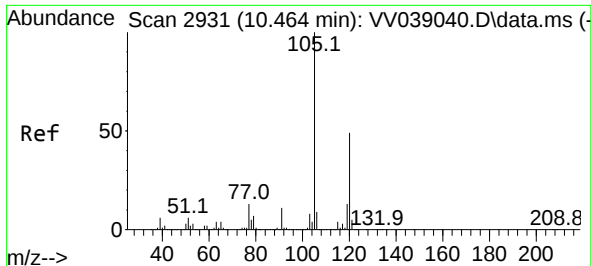


#61
1,2,3-Trichloropropane
Concen: 4.930 ug/L
RT: 10.198 min Scan# 2848
Delta R.T. 0.003 min
Lab File: VV039038.D
Acq: 11 Sep 2025 10:48



Tgt Ion: 75 Resp: 43388
Ion Ratio Lower Upper
75 100
77 31.4 25.8 38.6
110 40.8 32.4 48.6

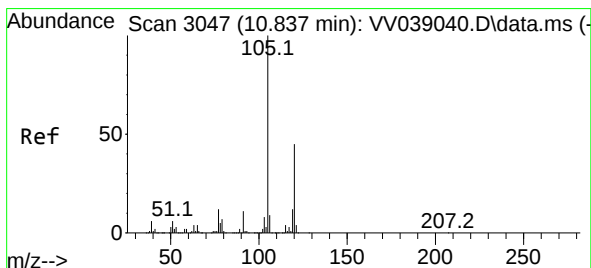
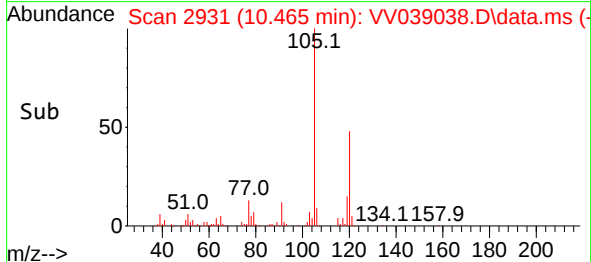
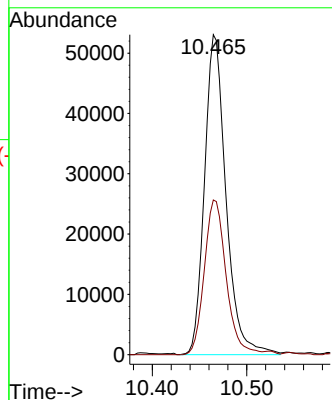
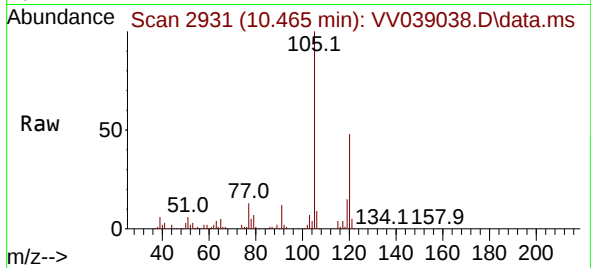




#62
 1,3,5-Trimethylbenzene
 Concen: 4.113 ug/L
 RT: 10.465 min Scan# 2931
 Delta R.T. 0.000 min
 Lab File: VV039038.D
 Acq: 11 Sep 2025 10:48

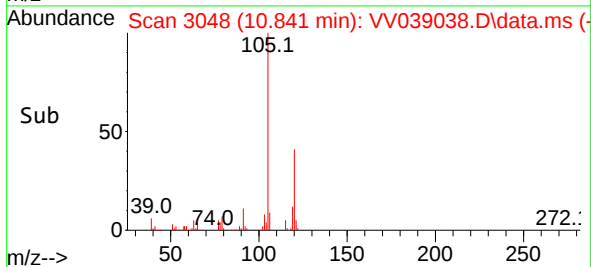
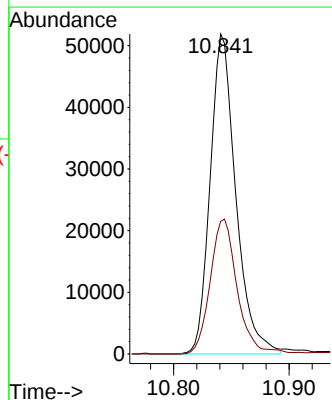
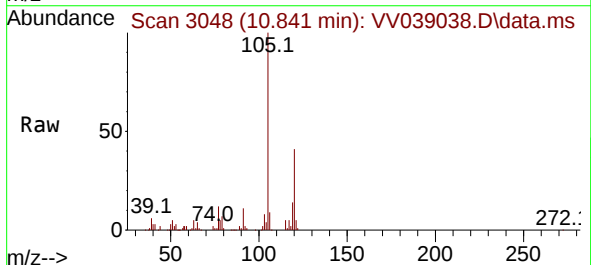
Instrument :
 MSVOA_V
 ClientSampleId :

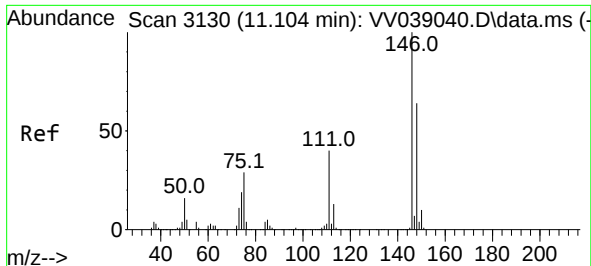
Tgt Ion:105 Resp: 83821
 Ion Ratio Lower Upper
 105 100
 120 49.1 39.2 58.8



#63
 1,2,4-Trimethylbenzene
 Concen: 3.988 ug/L
 RT: 10.841 min Scan# 3048
 Delta R.T. 0.003 min
 Lab File: VV039038.D
 Acq: 11 Sep 2025 10:48

Tgt Ion:105 Resp: 80026
 Ion Ratio Lower Upper
 105 100
 120 44.2 36.1 54.1

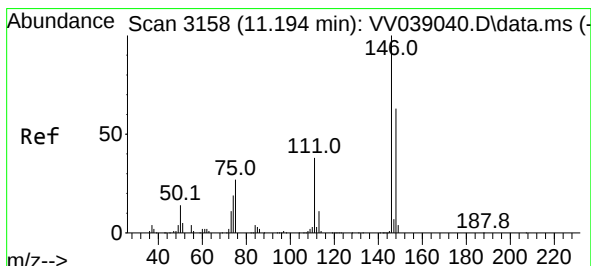
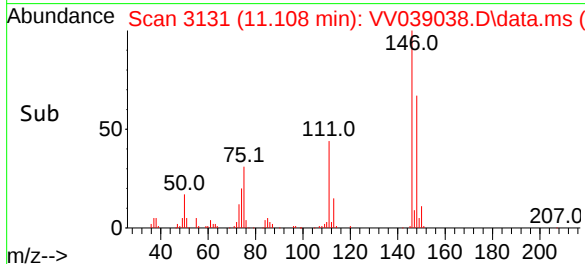
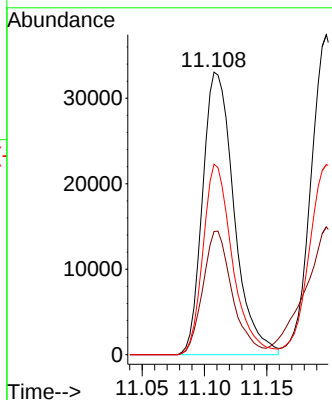
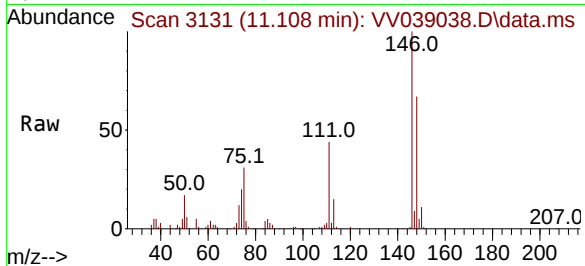




#64
1,3-Dichlorobenzene
Concen: 4.647 ug/L
RT: 11.108 min Scan# 3131
Delta R.T. 0.003 min
Lab File: VV039038.D
Acq: 11 Sep 2025 10:48

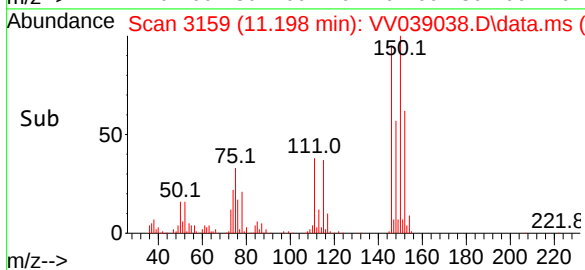
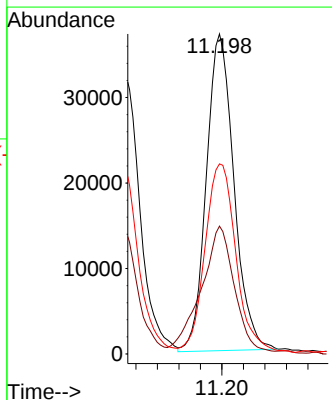
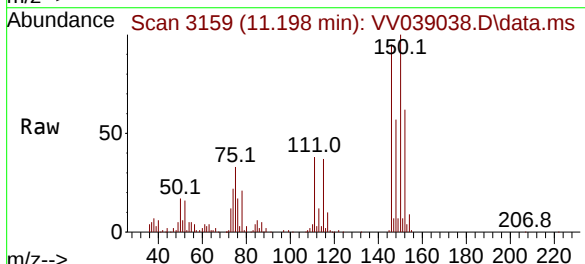
Instrument :
MSVOA_V
ClientSampleId :

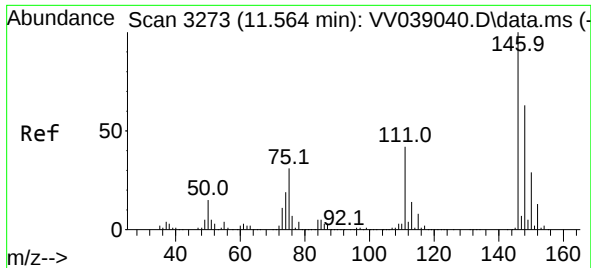
Tgt Ion:146 Resp: 58044
Ion Ratio Lower Upper
146 100
111 43.6 28.3 52.5
148 67.4 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 4.907 ug/L
RT: 11.198 min Scan# 3159
Delta R.T. 0.003 min
Lab File: VV039038.D
Acq: 11 Sep 2025 10:48

Tgt Ion:146 Resp: 65987
Ion Ratio Lower Upper
146 100
111 40.0 27.0 50.2
148 59.4 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 4.837 ug/L

RT: 11.571 min Scan# 31

Delta R.T. 0.007 min

Lab File: VV039038.D

Acq: 11 Sep 2025 10:48

Instrument :

MSVOA_V

ClientSampleId :

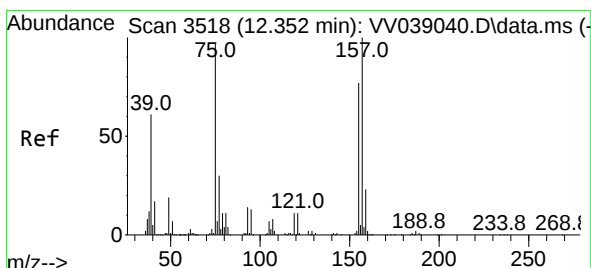
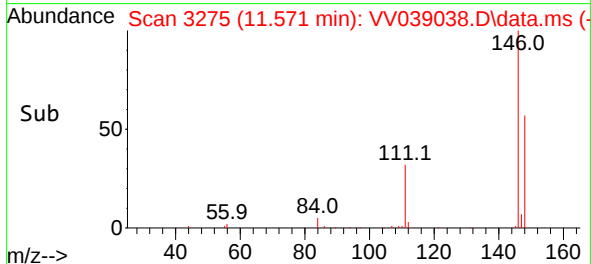
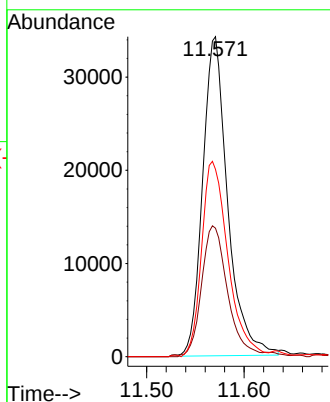
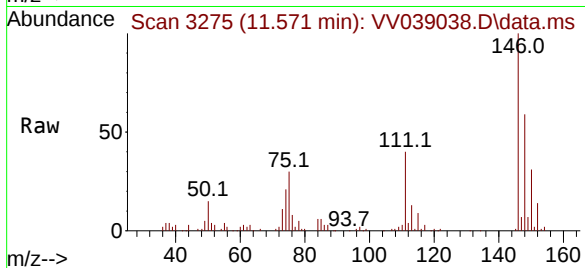
Tgt Ion:146 Resp: 61068

Ion Ratio Lower Upper

146 100

111 40.2 33.4 50.2

148 58.6 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 4.687 ug/L

RT: 12.355 min Scan# 3519

Delta R.T. 0.003 min

Lab File: VV039038.D

Acq: 11 Sep 2025 10:48

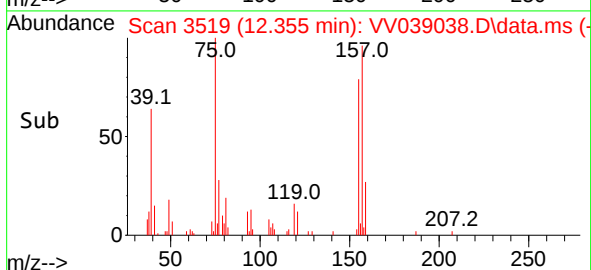
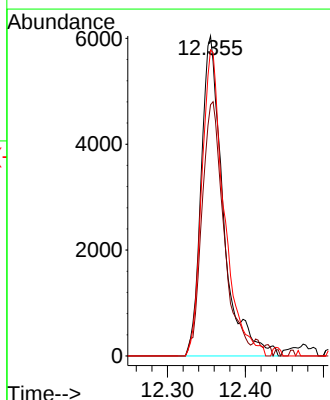
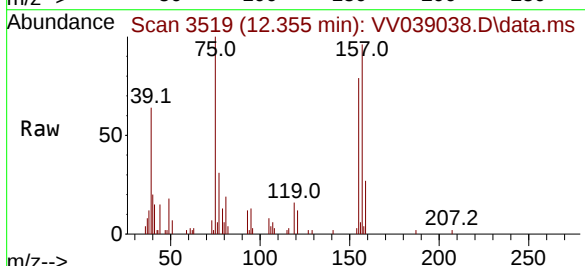
Tgt Ion: 75 Resp: 11851

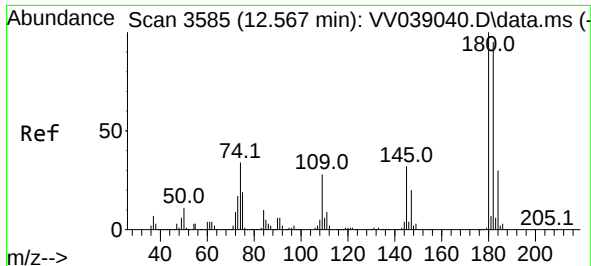
Ion Ratio Lower Upper

75 100

155 78.5 63.7 95.5

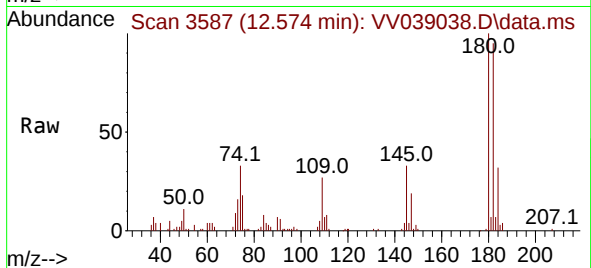
157 95.6 82.2 123.2



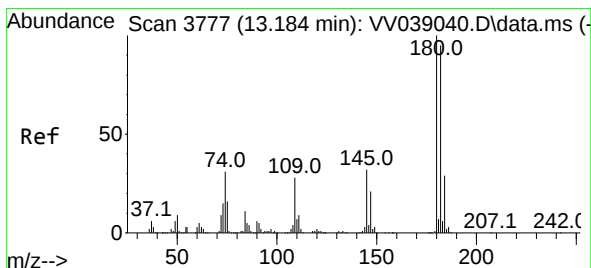
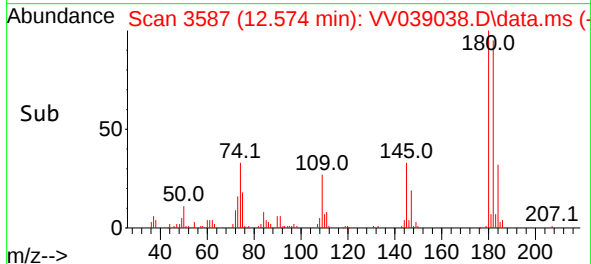
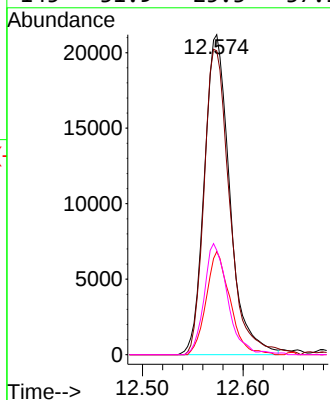


#69
 1,3,5-Trichlorobenzene
 Concen: 4.501 ug/L
 RT: 12.574 min Scan# 3587
 Delta R.T. 0.007 min
 Lab File: VV039038.D
 Acq: 11 Sep 2025 10:48

Instrument :
 MSVOA_V
 ClientSampleId :

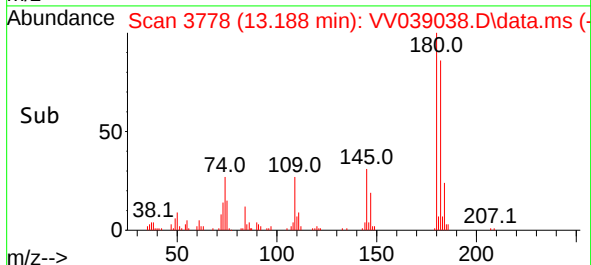
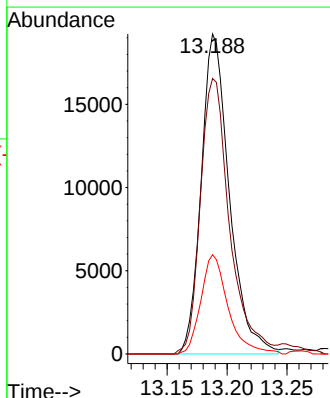
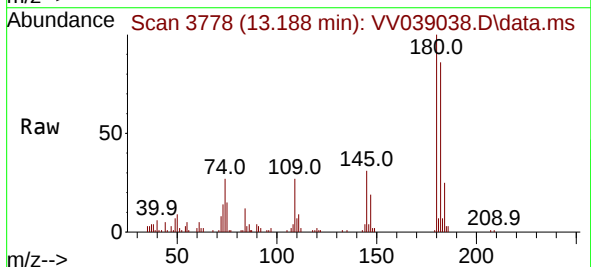


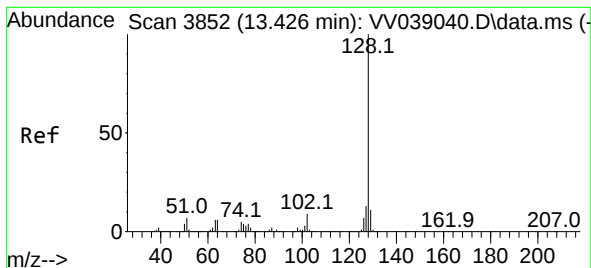
Tgt Ion:180 Resp: 37177
 Ion Ratio Lower Upper
 180 100
 182 95.9 75.0 112.4
 184 29.8 23.8 35.8
 145 31.9 25.3 37.9



#70
 1,2,4-trichlorobenzene
 Concen: 4.451 ug/L
 RT: 13.188 min Scan# 3778
 Delta R.T. 0.003 min
 Lab File: VV039038.D
 Acq: 11 Sep 2025 10:48

Tgt Ion:180 Resp: 31444
 Ion Ratio Lower Upper
 180 100
 182 88.8 76.0 114.0
 145 30.0 25.8 38.6





#71

Naphthalene

Concen: 3.593 ug/L

RT: 13.429 min Scan# 3853

Delta R.T. 0.003 min

Lab File: VV039038.D

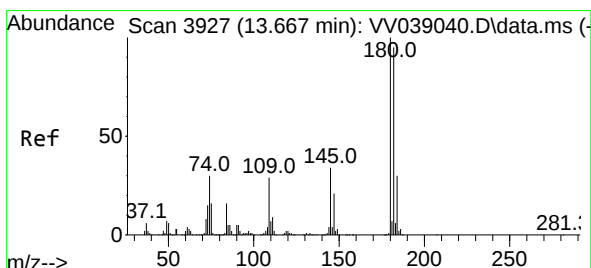
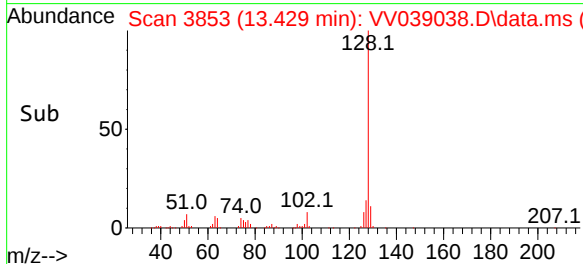
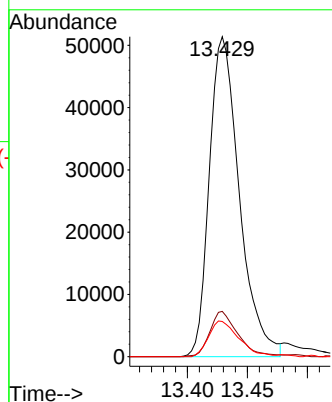
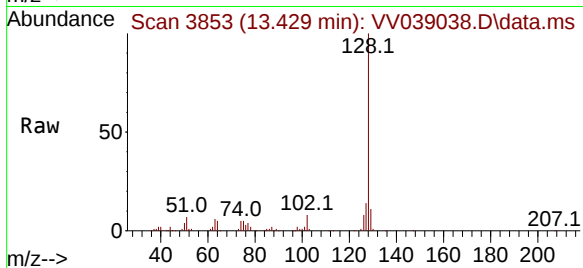
Acq: 11 Sep 2025 10:48

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	89467
Ion Ratio	Lower	Upper
128	100	
127	13.3	10.3 15.5
129	11.2	8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 4.152 ug/L

RT: 13.670 min Scan# 3928

Delta R.T. 0.003 min

Lab File: VV039038.D

Acq: 11 Sep 2025 10:48

Tgt Ion:180	Resp:	30728
Ion Ratio	Lower	Upper
180	100	
182	99.7	75.9 113.9
145	32.5	27.1 40.7

