

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091125\
 Data File : VV039042.D
 Acq On : 11 Sep 2025 12:38
 Operator : SY/MD
 Sample : VSTD20029
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 12 01:34:50 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	5.532	114	947746	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	934598	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.172	152	501490	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	1686539	206.225	ug/L	0.00
7) Chloroethane-d5	1.536	69	1348006	186.241	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.066	65	765736	195.334	ug/L	0.00
21) 2-Butanone-d5	3.780	46	1176852	206.269	ug/L	0.00
24) Chloroform-d	4.246	84	2981174	180.312	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	1678527	175.682	ug/L	0.00
32) Benzene-d6	4.957	84	5688708	194.388	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	1733149	180.186	ug/L	0.00
41) Toluene-d8	7.236	98	5652122	215.732	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.542	79	936304	217.145	ug/L	0.00
47) 2-Hexanone-d5	8.011	63	1262115	333.679	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.140	84	2726884	190.942	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.548	152	2014752	206.046	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.121	85	1322673	126.374	ug/L	99
3) Chloromethane	1.227	50	1481399	137.840	ug/L	99
5) Vinyl chloride	1.294	62	1701429	151.097	ug/L	99
6) Bromomethane	1.484	94	1037078	183.042	ug/L	98
8) Chloroethane	1.555	64	1072689	157.602	ug/L	100
9) Trichlorofluoromethane	1.722	101	2420658	161.331	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	1498025	165.911	ug/L	99
12) 1,1-Dichloroethene	2.079	96	1383382	170.595	ug/L	96
13) Acetone	2.118	43	1944346	440.888	ug/L	98
14) Carbon disulfide	2.249	76	4467310	179.170	ug/L	99
15) Methyl Acetate	2.375	43	1668383	160.326	ug/L	99
16) Methylene chloride	2.455	84	1464979	158.012	ug/L	98
17) trans-1,2-Dichloroethene	2.700	96	1442132	178.148	ug/L	99
18) Methyl tert-butyl Ether	2.709	73	4464346	184.855	ug/L	100
19) 1,1-Dichloroethane	3.114	63	2572512	155.683	ug/L	100
20) cis-1,2-Dichloroethene	3.815	96	1631941	188.118	ug/L	99
22) 2-Butanone	3.857	43	2289391	369.632	ug/L	98
23) Bromochloromethane	4.146	128	840444	182.004	ug/L	97
25) Chloroform	4.275	83	2717708	165.147	ug/L	100
27) 1,2-Dichloroethane	5.037	62	2036779	164.910	ug/L	99
29) Cyclohexane	4.584	56	2538871	195.179	ug/L	98
30) 1,1,1-Trichloroethane	4.513	97	2416129	177.429	ug/L	99
31) Carbon tetrachloride	4.735	117	2150940	180.672	ug/L	100
33) Benzene	5.008	78	5837964	180.543	ug/L	100
34) Trichloroethene	5.828	95	1606015	187.340	ug/L	98
35) Methylcyclohexane	6.047	83	2715940	200.471	ug/L	98
37) 1,2-Dichloropropane	6.085	63	1552210	168.640	ug/L	100
38) Bromodichloromethane	6.426	83	2234666	183.964	ug/L	98
39) cis-1,3-Dichloropropene	6.944	75	2885576	216.313	ug/L	100
40) 4-Methyl-2-pentanone	7.146	43	4650083	375.701	ug/L	99
42) Toluene	7.307	91	6840593	202.284	ug/L	99
44) trans-1,3-Dichloropropene	7.571	75	2527769	193.350	ug/L	98

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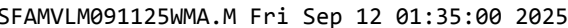
Instrument :
 MSVOA_V
 ClientSampleId :

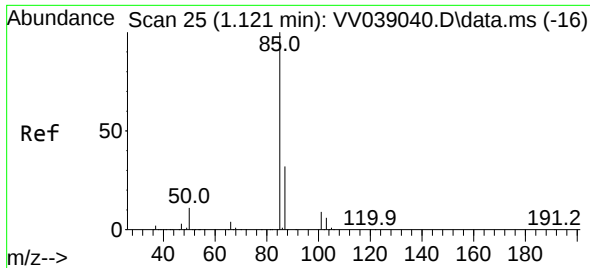
Quant Time: Sep 12 01:34:50 2025
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 QLast Update : Fri Sep 12 01:30:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.757	97	1568786	169.720	ug/L	98
46) Tetrachloroethene	7.895	164	1202507	188.192	ug/L	98
48) 2-Hexanone	8.063	43	3164525	353.521	ug/L	98
49) Dibromochloromethane	8.169	129	1703157	182.126	ug/L	100
50) 1,2-Dibromoethane	8.272	107	1707863	181.814	ug/L	99
51) Chlorobenzene	8.802	112	4116779	182.326	ug/L	99
52) Ethylbenzene	8.934	91	7157527	198.192	ug/L	98
53) m,p-Xylene	9.063	106	2796862	210.823	ug/L	98
54) o-Xylene	9.468	106	2697658	210.098	ug/L	100
55) Styrene	9.484	104	4702201	210.735	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.165	83	2762902	184.522	ug/L	99
59) Bromoform	9.651	173	1293261	185.000	ug/L	100
60) Isopropylbenzene	9.857	105	7720714	217.595	ug/L	99
61) 1,2,3-Trichloropropane	10.194	75	2062860	172.627	ug/L	99
62) 1,3,5-Trimethylbenzene	10.465	105	6298309	227.584	ug/L	100
63) 1,2,4-Trimethylbenzene	10.837	105	6227557	228.549	ug/L	99
64) 1,3-Dichlorobenzene	11.104	146	3360783	198.149	ug/L	99
65) 1,4-Dichlorobenzene	11.194	146	3433268	188.047	ug/L	98
67) 1,2-Dichlorobenzene	11.564	146	3310089	193.111	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.349	75	564254	164.347	ug/L	92
69) 1,3,5-Trichlorobenzene	12.567	180	2220263	197.976	ug/L	99
70) 1,2,4-trichlorobenzene	13.185	180	2073284	216.138	ug/L	100
71) Naphthalene	13.423	128	7398525	218.851	ug/L	99
72) 1,2,3-Trichlorobenzene	13.664	180	2098659	208.860	ug/L	99

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

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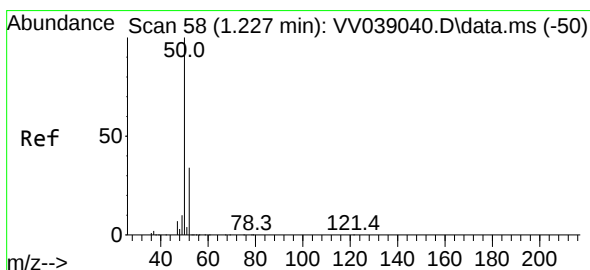
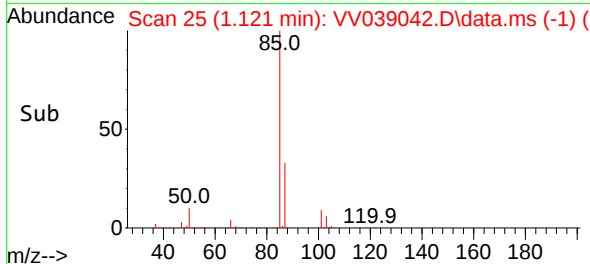
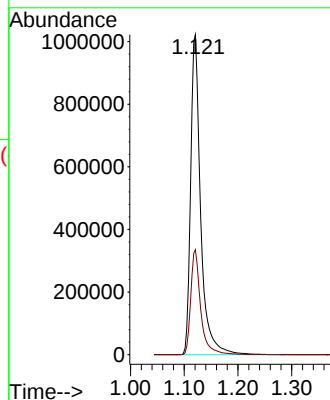
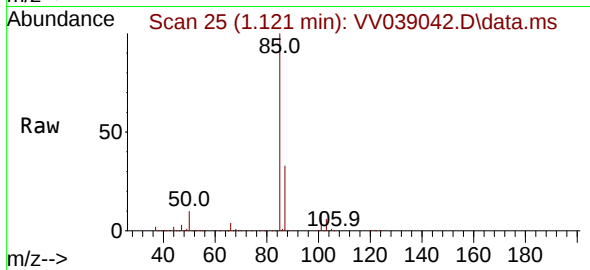




#2
 Dichlorodifluoromethane
 Concen: 126.374 ug/L
 RT: 1.121 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV039042.D
 Acq: 11 Sep 2025 12:38

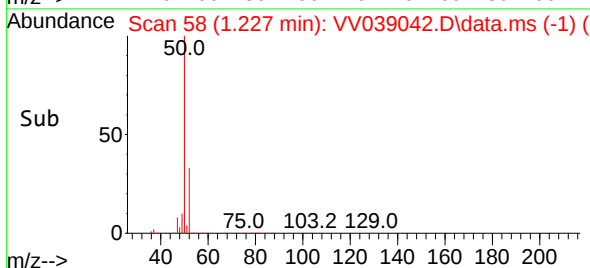
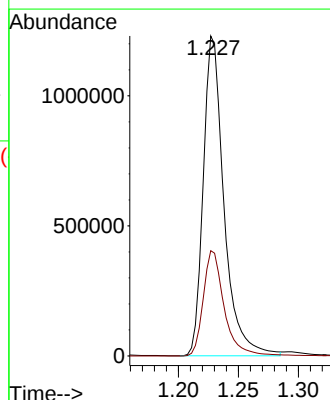
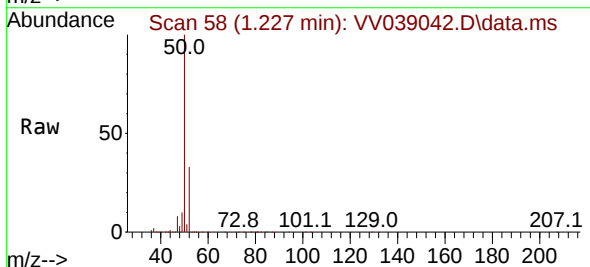
Instrument :
 MSVOA_V
 ClientSampleId :

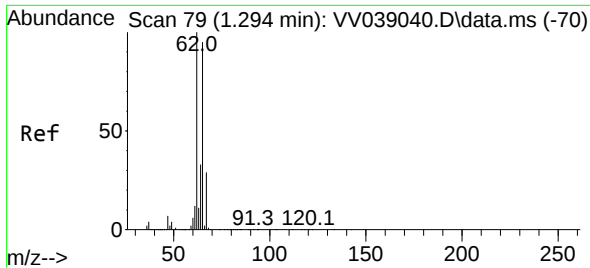
Tgt Ion: 85 Resp: 1322673
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.8 38.8



#3
 Chloromethane
 Concen: 137.840 ug/L
 RT: 1.227 min Scan# 58
 Delta R.T. 0.000 min
 Lab File: VV039042.D
 Acq: 11 Sep 2025 12:38

Tgt Ion: 50 Resp: 1481399
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.6 43.8

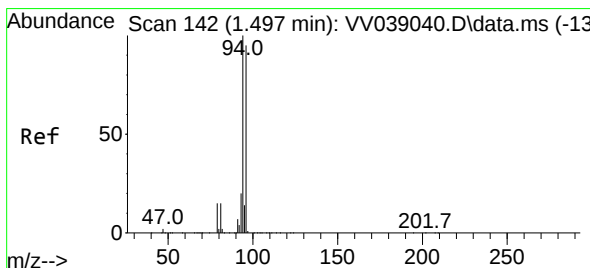
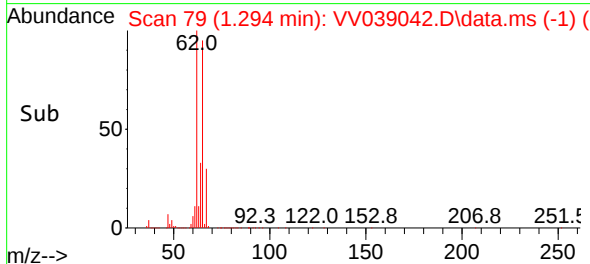
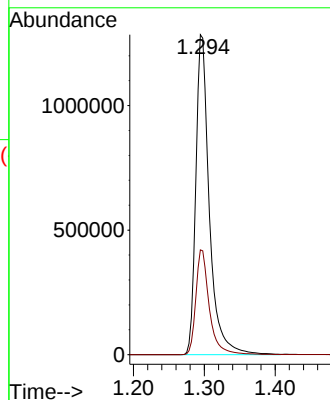
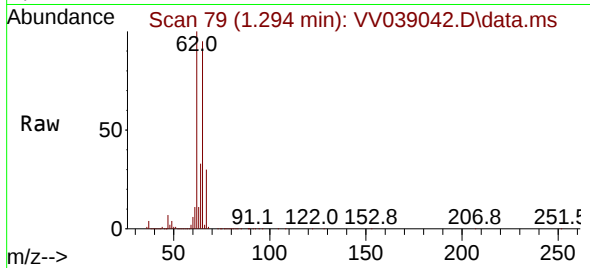




#5
 Vinyl chloride
 Concen: 151.097 ug/L
 RT: 1.294 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: VV039042.D
 Acq: 11 Sep 2025 12:38

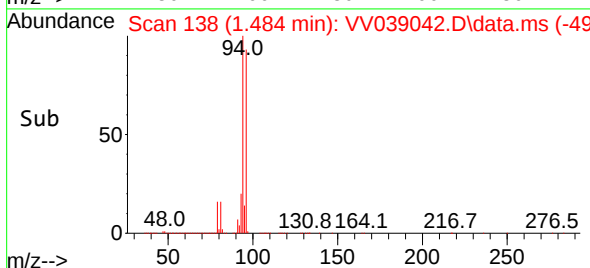
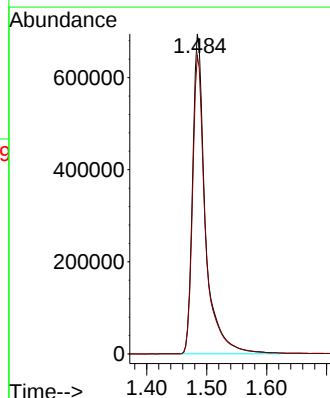
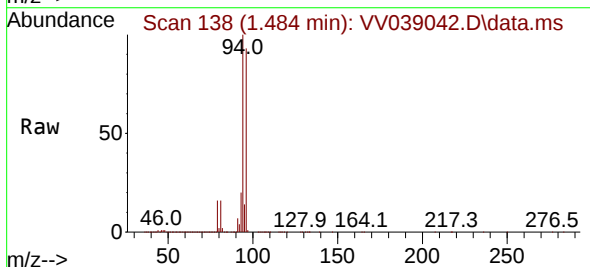
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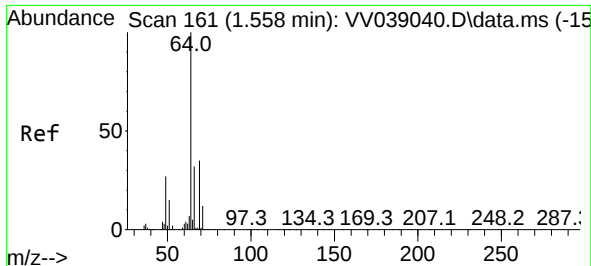
Tgt Ion: 62 Resp: 1701429
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.4 43.4



#6
 Bromomethane
 Concen: 183.042 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.013 min
 Lab File: VV039042.D
 Acq: 11 Sep 2025 12:38

Tgt Ion: 94 Resp: 1037078
 Ion Ratio Lower Upper
 94 100
 96 93.2 66.3 123.1

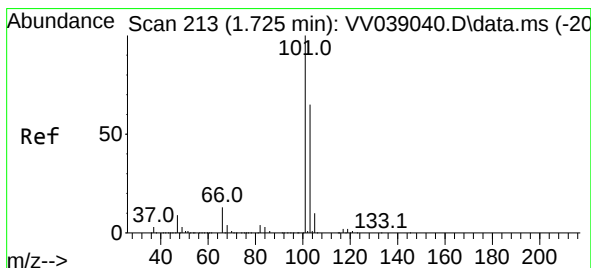
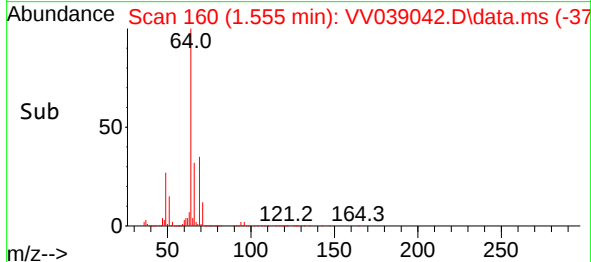
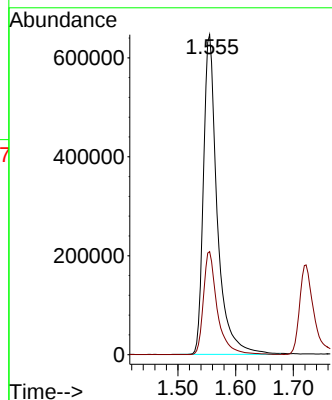
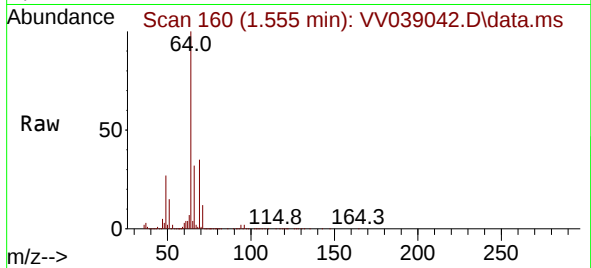




#8
Chloroethane
Concen: 157.602 ug/L
RT: 1.555 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV039042.D
Acq: 11 Sep 2025 12:38

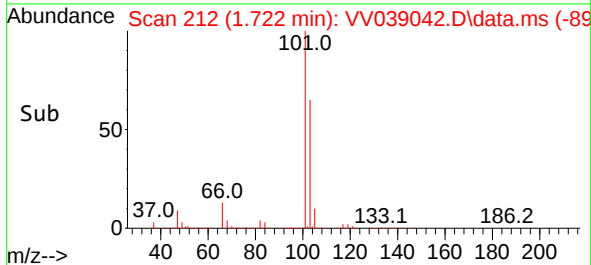
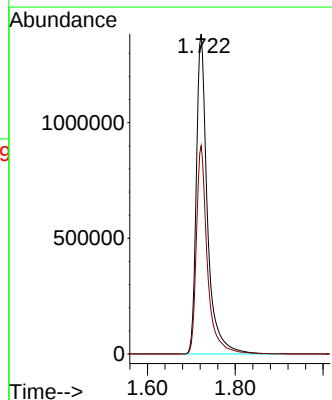
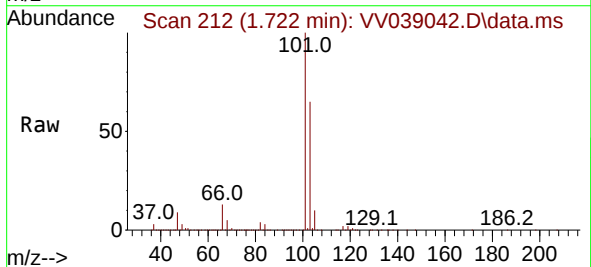
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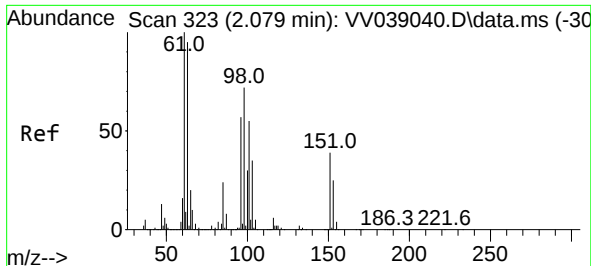
Tgt Ion: 64 Resp: 1072689
Ion Ratio Lower Upper
64 100
66 32.2 22.4 41.6



#9
Trichlorofluoromethane
Concen: 161.331 ug/L
RT: 1.722 min Scan# 212
Delta R.T. -0.003 min
Lab File: VV039042.D
Acq: 11 Sep 2025 12:38

Tgt Ion:101 Resp: 2420658
Ion Ratio Lower Upper
101 100
103 64.8 52.1 78.1





#10

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

Concen: 165.911 ug/L

RT: 2.076 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV039042.D

Acq: 11 Sep 2025 12:38

Instrument :

MSVOA_V

ClientSampleId :

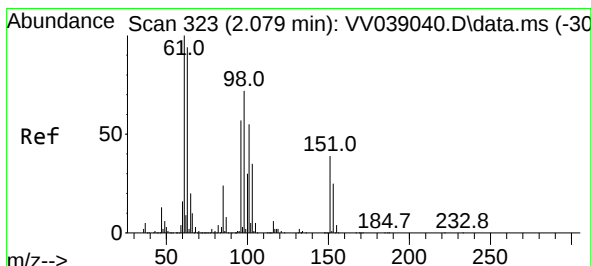
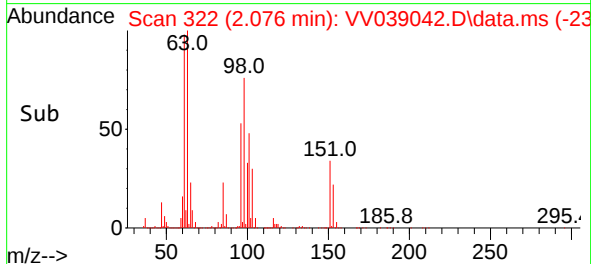
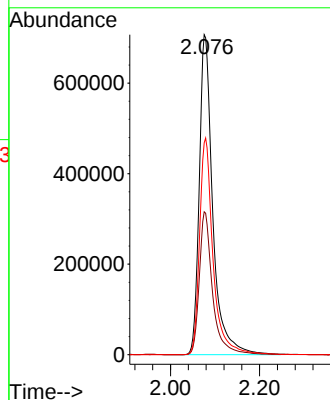
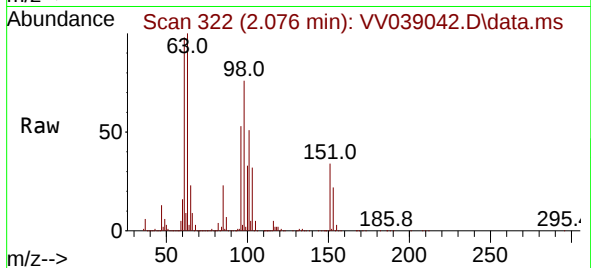
Tgt Ion:101 Resp: 1498025

Ion Ratio Lower Upper

101 100

85 43.6 34.7 52.1

151 67.3 54.6 81.8



#12

1,1-Dichloroethene

Concen: 170.595 ug/L

RT: 2.079 min Scan# 323

Delta R.T. 0.000 min

Lab File: VV039042.D

Acq: 11 Sep 2025 12:38

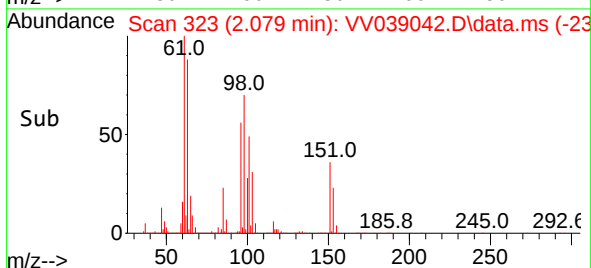
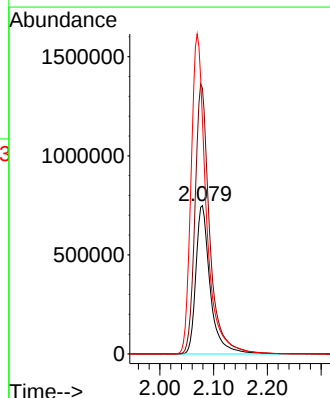
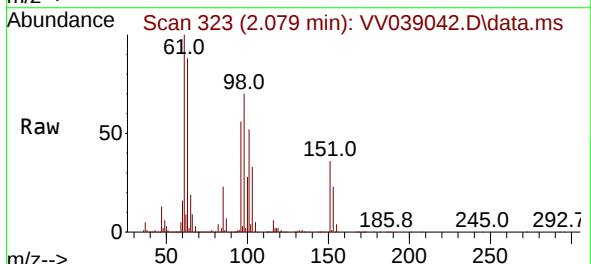
Tgt Ion: 96 Resp: 1383382

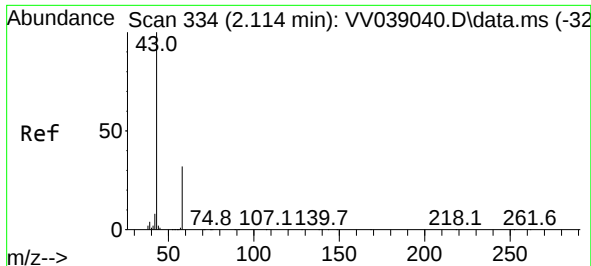
Ion Ratio Lower Upper

96 100

61 179.3 123.3 229.1

63 157.9 116.6 216.6





#13

Acetone

Concen: 440.888 ug/L

RT: 2.118 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV039042.D

Acq: 11 Sep 2025 12:38

Instrument :

MSVOA_V

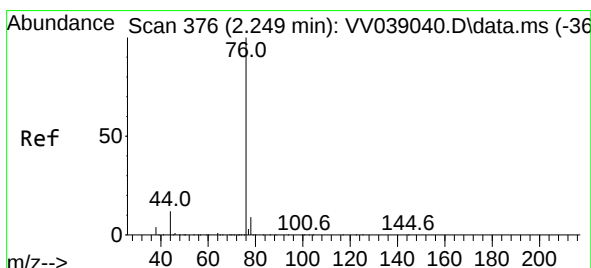
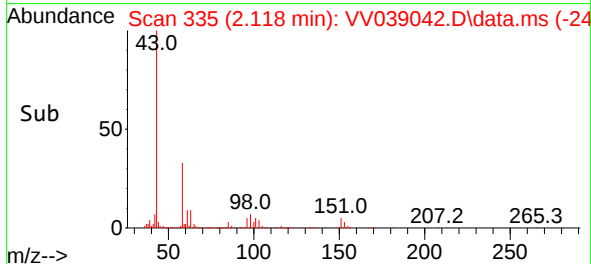
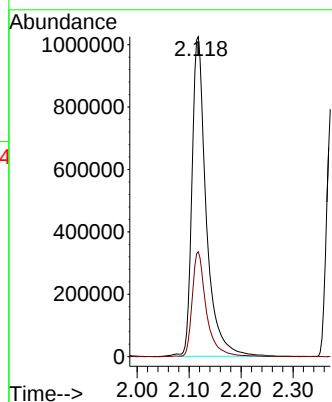
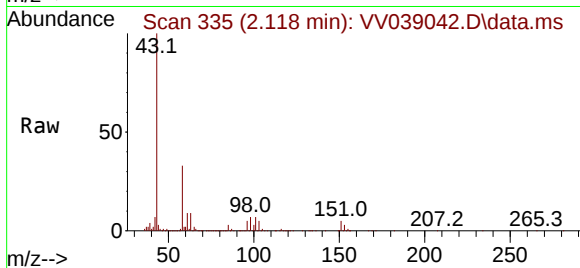
ClientSampleId :

Tgt Ion: 43 Resp: 1944346

Ion Ratio Lower Upper

43 100

58 32.0 0.0 65.8



#14

Carbon disulfide

Concen: 179.170 ug/L

RT: 2.249 min Scan# 376

Delta R.T. 0.000 min

Lab File: VV039042.D

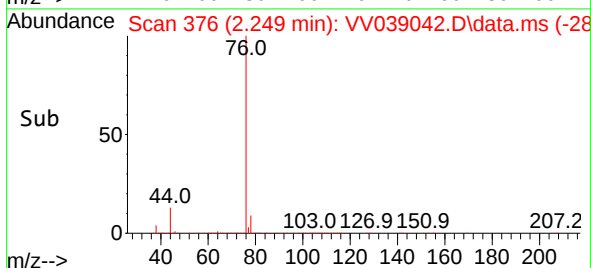
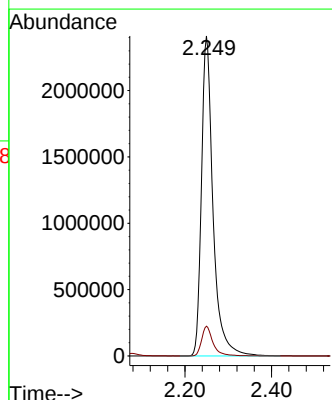
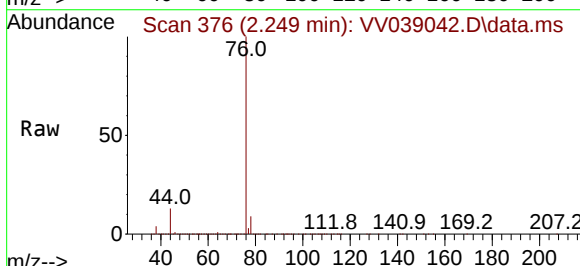
Acq: 11 Sep 2025 12:38

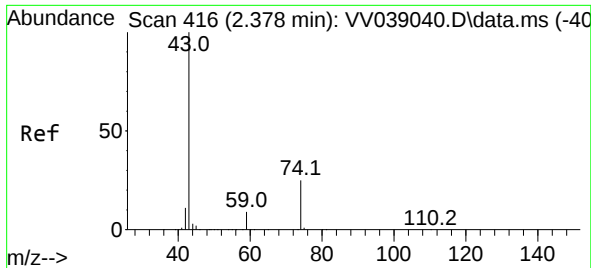
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Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6

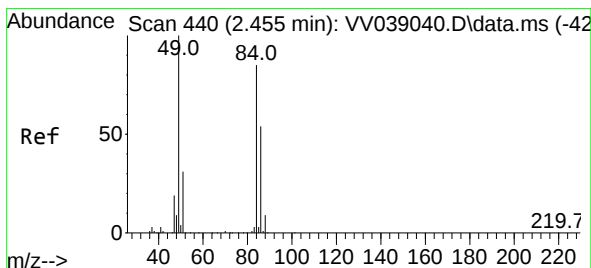
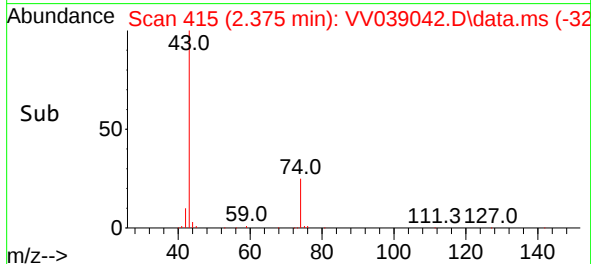
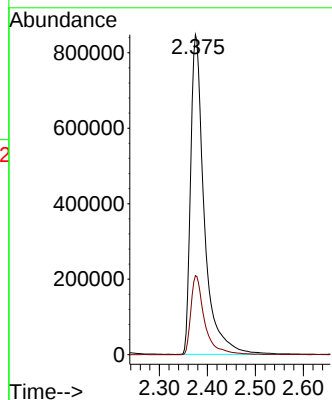
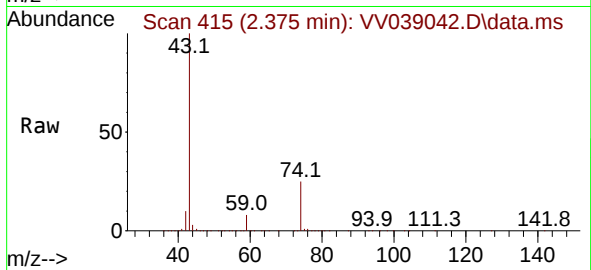




#15
Methyl Acetate
Concen: 160.326 ug/L
RT: 2.375 min Scan# 416
Delta R.T. -0.003 min
Lab File: VV039042.D
Acq: 11 Sep 2025 12:38

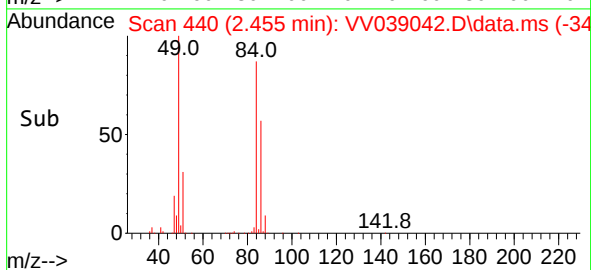
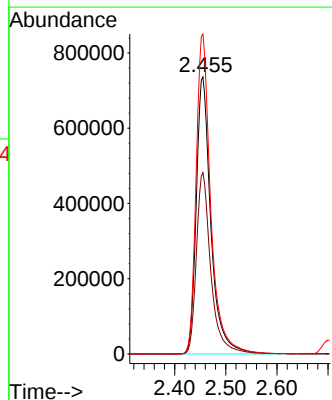
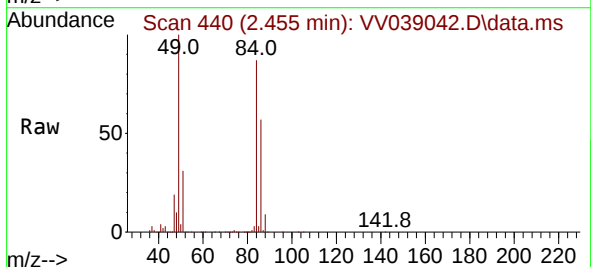
Instrument :
MSVOA_V
ClientSampleId :

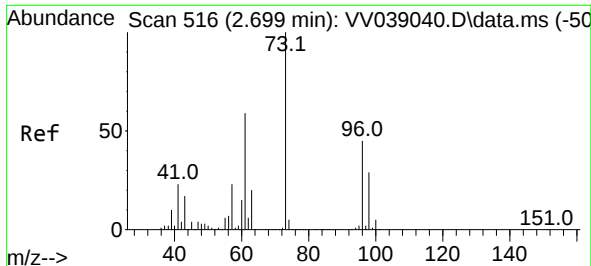
Tgt Ion: 43 Resp: 1668383
Ion Ratio Lower Upper
43 100
74 24.9 19.6 29.4



#16
Methylene chloride
Concen: 158.012 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039042.D
Acq: 11 Sep 2025 12:38

Tgt Ion: 84 Resp: 1464979
Ion Ratio Lower Upper
84 100
86 65.4 44.7 83.1
49 115.5 82.0 152.4





#17

trans-1,2-Dichloroethene

Concen: 178.148 ug/L

RT: 2.700 min Scan# 516

Delta R.T. 0.000 min

Lab File: VV039042.D

Acq: 11 Sep 2025 12:38

Instrument :

MSVOA_V

ClientSampleId :

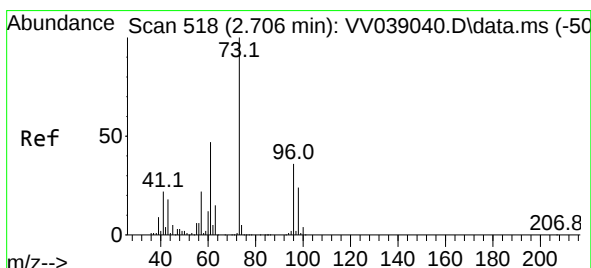
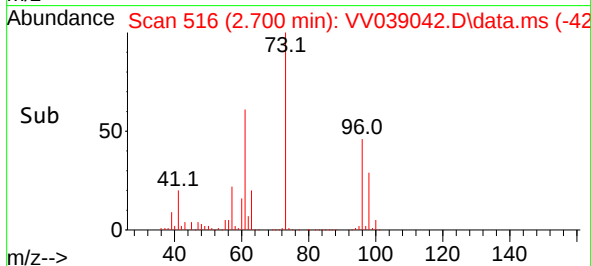
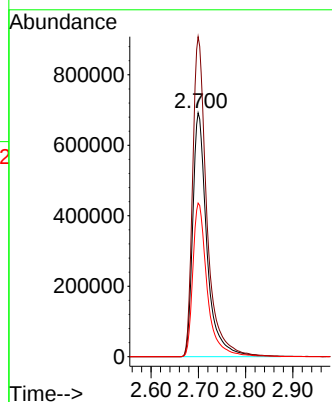
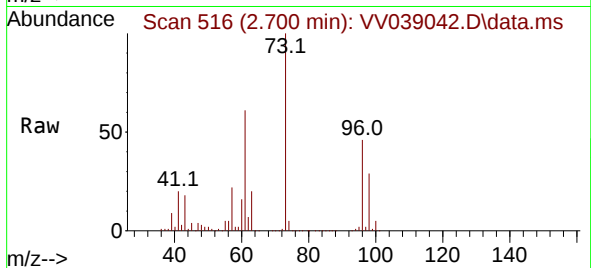
Tgt Ion: 96 Resp: 1442132

Ion Ratio Lower Upper

96 100

61 131.2 91.3 169.5

98 63.0 44.7 83.1



#18

Methyl tert-butyl Ether

Concen: 184.855 ug/L

RT: 2.709 min Scan# 519

Delta R.T. 0.003 min

Lab File: VV039042.D

Acq: 11 Sep 2025 12:38

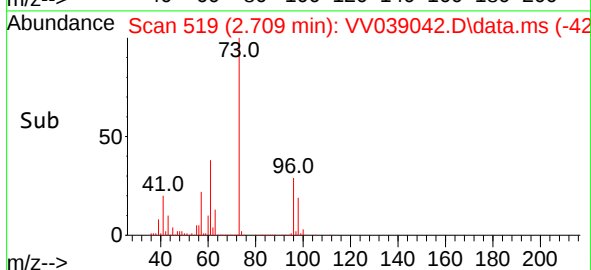
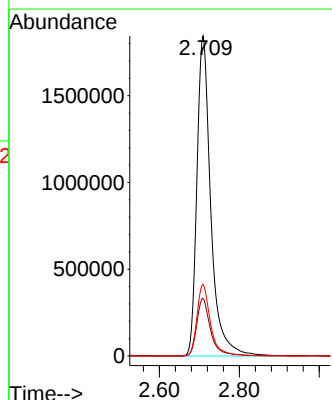
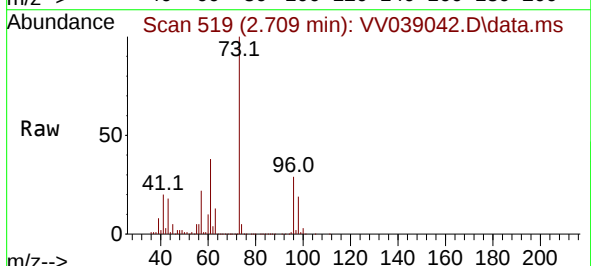
Tgt Ion: 73 Resp: 4464346

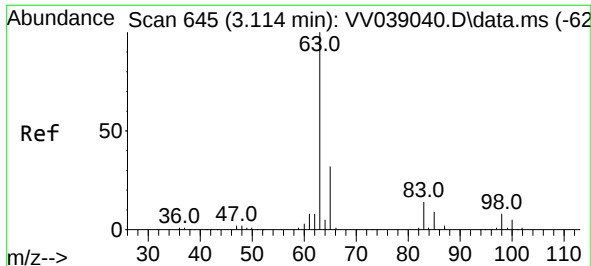
Ion Ratio Lower Upper

73 100

43 17.6 14.2 21.4

57 22.0 17.5 26.3





#19

1,1-Dichloroethane

Concen: 155.683 ug/L

RT: 3.114 min Scan# 645

Delta R.T. 0.000 min

Lab File: VV039042.D

Acq: 11 Sep 2025 12:38

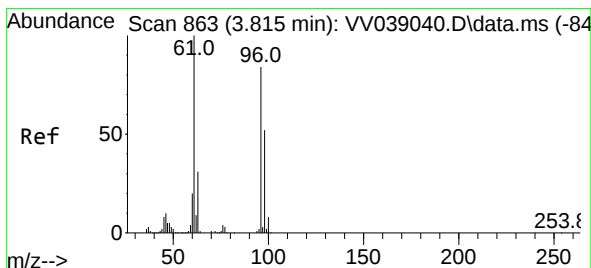
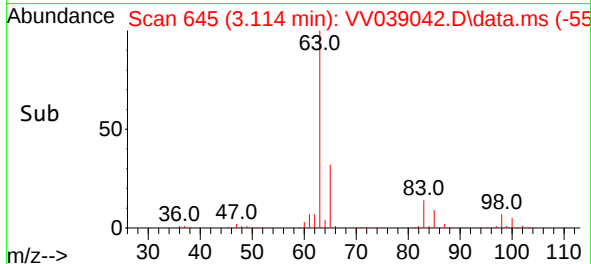
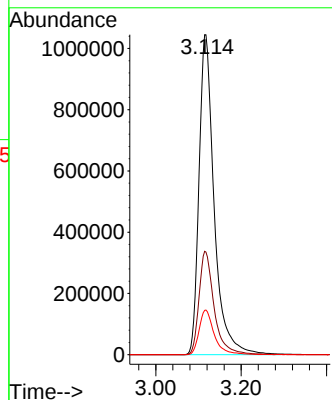
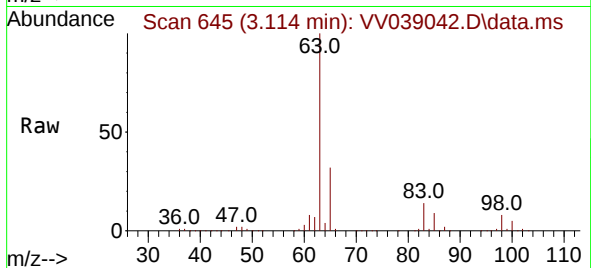
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 63 Resp: 2572512

Ion	Ratio	Lower	Upper
63	100		
65	32.3	22.4	41.6
83	13.8	9.6	17.8



#20

cis-1,2-Dichloroethene

Concen: 188.118 ug/L

RT: 3.815 min Scan# 863

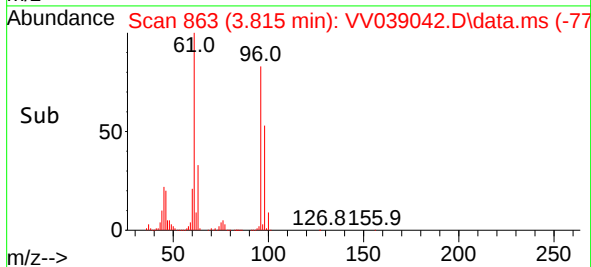
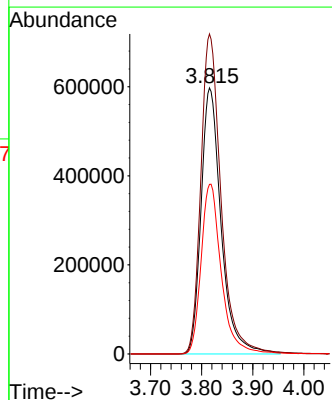
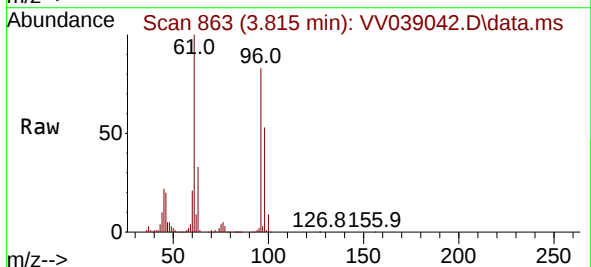
Delta R.T. 0.000 min

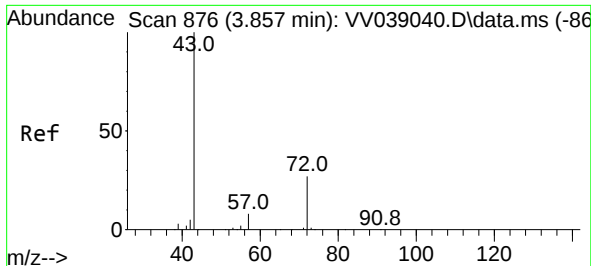
Lab File: VV039042.D

Acq: 11 Sep 2025 12:38

Tgt Ion: 96 Resp: 1631941

Ion	Ratio	Lower	Upper
96	100		
61	120.3	83.8	155.6
98	63.8	43.5	80.9

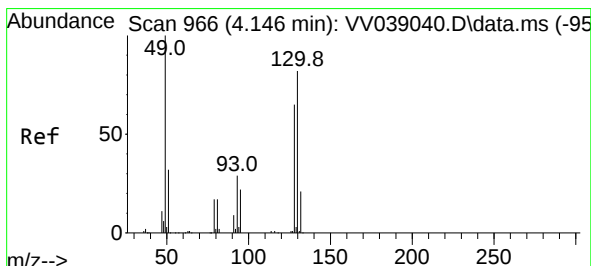
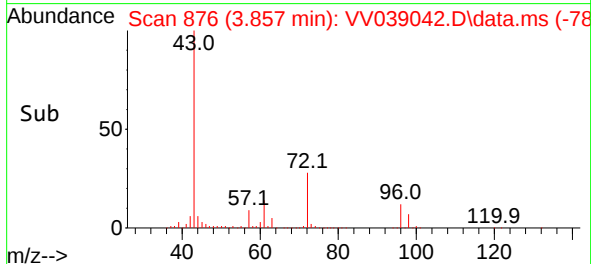
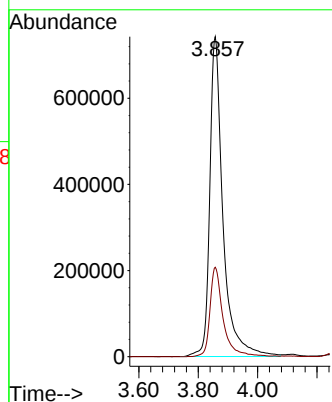
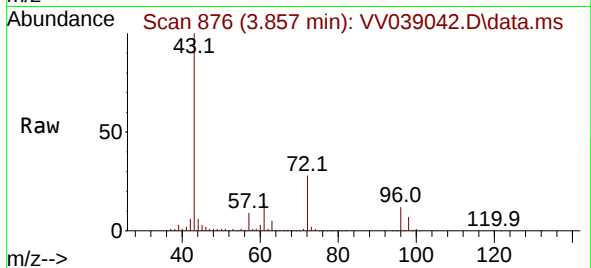




#22
2-Butanone
Concen: 369.632 ug/L
RT: 3.857 min Scan# 876
Delta R.T. 0.000 min
Lab File: VV039042.D
Acq: 11 Sep 2025 12:38

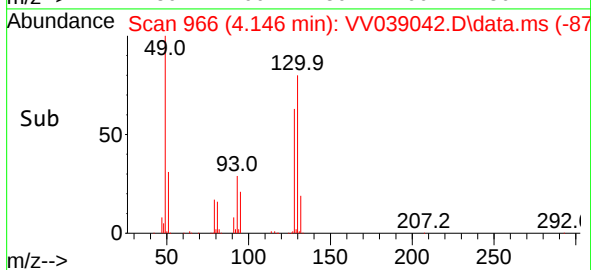
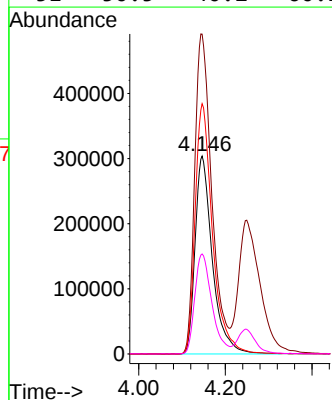
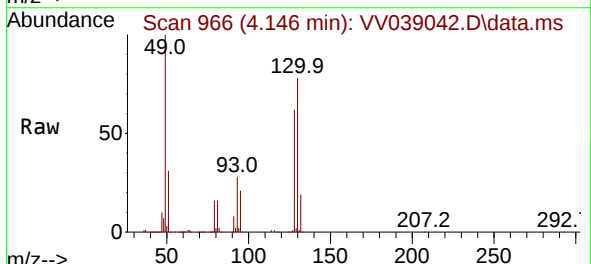
Instrument :
MSVOA_V
ClientSampleId :

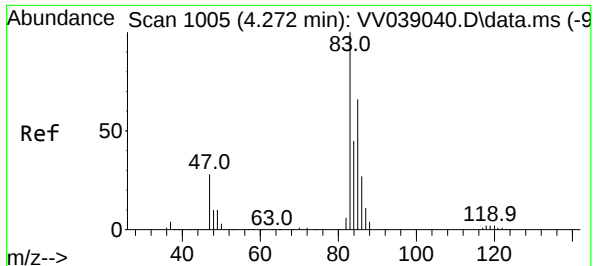
Tgt Ion: 43 Resp: 2289391
Ion Ratio Lower Upper
43 100
72 27.1 13.2 39.5



#23
Bromochloromethane
Concen: 182.004 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.000 min
Lab File: VV039042.D
Acq: 11 Sep 2025 12:38

Tgt Ion:128 Resp: 840444
Ion Ratio Lower Upper
128 100
49 161.6 108.4 201.4
130 126.5 89.1 165.5
51 50.5 40.2 60.2





#25

Chloroform

Concen: 165.147 ug/L

RT: 4.275 min Scan# 1005

Delta R.T. 0.003 min

Lab File: VV039042.D

Acq: 11 Sep 2025 12:38

Instrument :

MSVOA_V

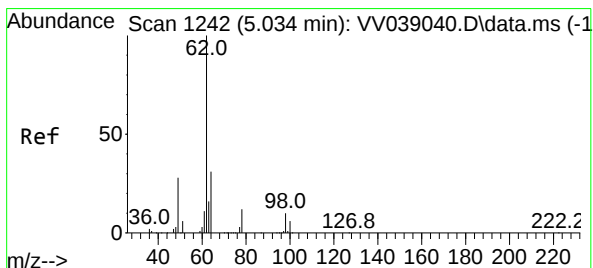
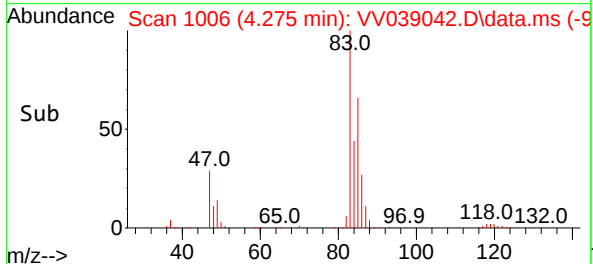
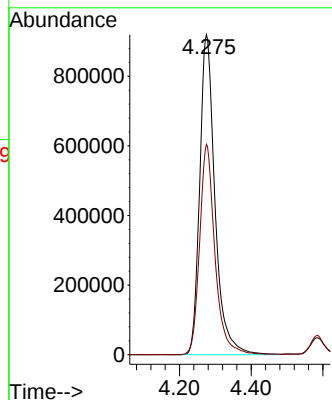
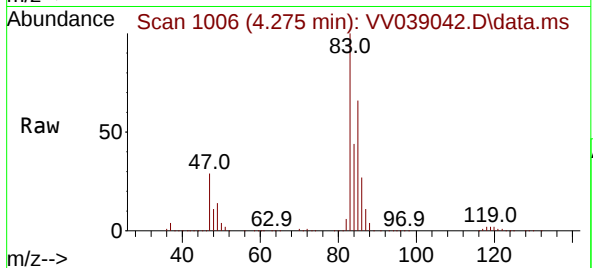
ClientSampleId :

Tgt Ion: 83 Resp: 2717708

Ion Ratio Lower Upper

83 100

85 65.7 46.1 85.5



#27

1,2-Dichloroethane

Concen: 164.910 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.003 min

Lab File: VV039042.D

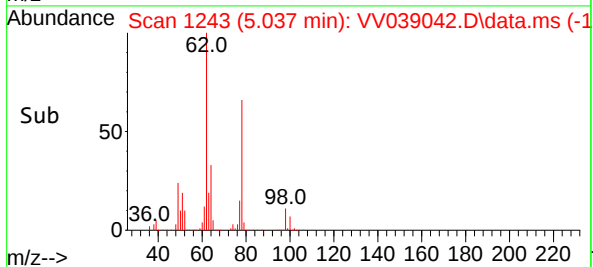
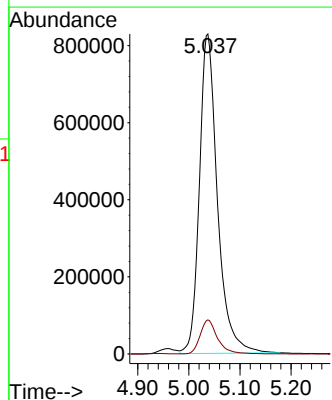
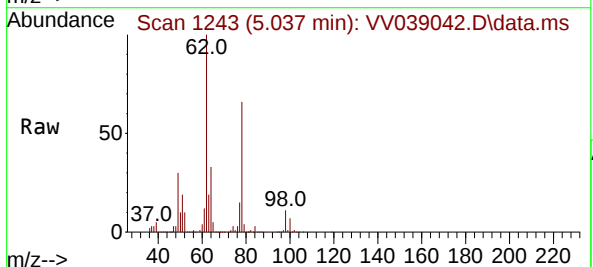
Acq: 11 Sep 2025 12:38

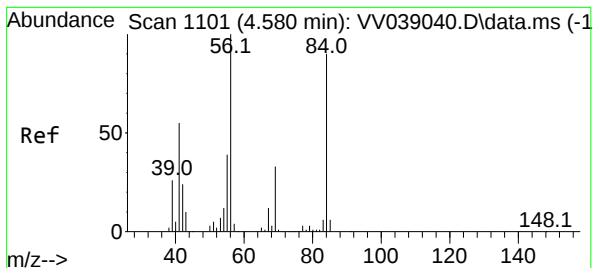
Tgt Ion: 62 Resp: 2036779

Ion Ratio Lower Upper

62 100

98 10.7 8.2 12.4





#29

Cyclohexane

Concen: 195.179 ug/L

RT: 4.584 min Scan# 1101

Delta R.T. 0.003 min

Lab File: VV039042.D

Acq: 11 Sep 2025 12:38

Instrument :

MSVOA_V

ClientSampleId :

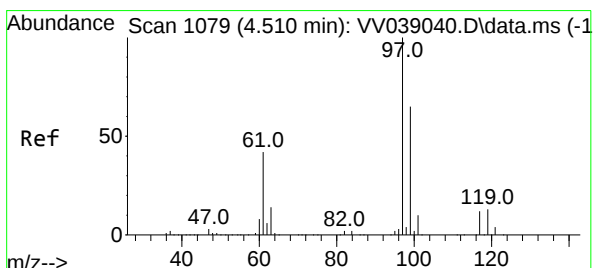
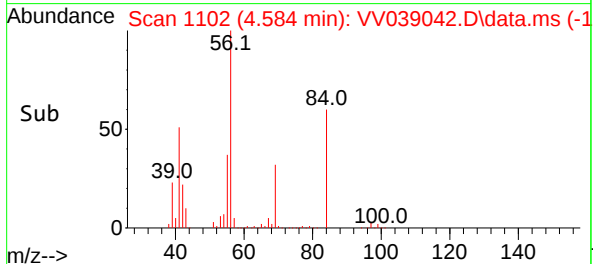
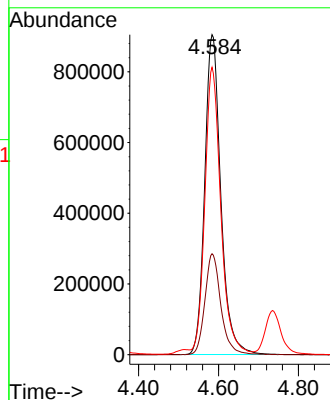
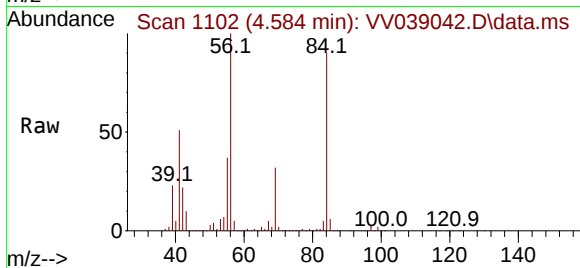
Tgt Ion: 56 Resp: 2538871

Ion Ratio Lower Upper

56 100

69 31.1 25.1 37.7

84 89.1 73.0 109.4



#30

1,1,1-Trichloroethane

Concen: 177.429 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.003 min

Lab File: VV039042.D

Acq: 11 Sep 2025 12:38

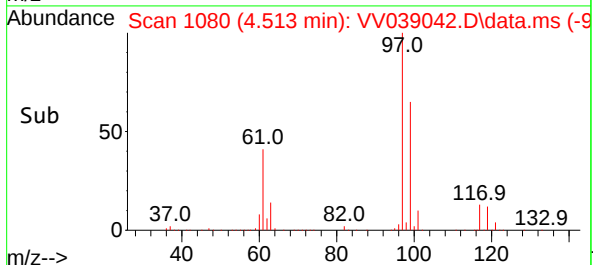
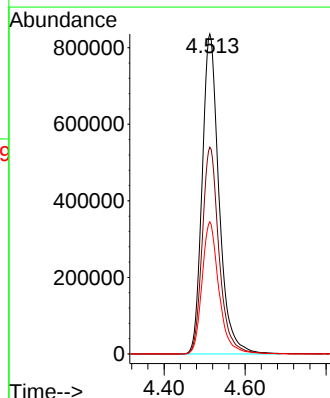
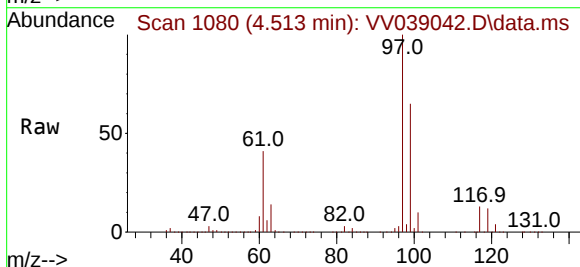
Tgt Ion: 97 Resp: 2416129

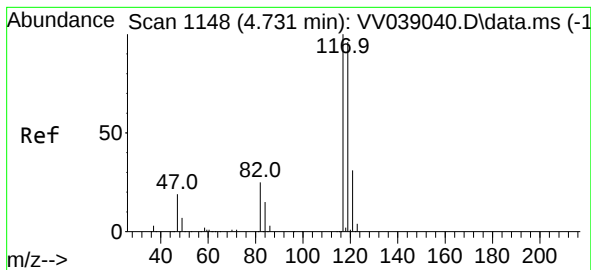
Ion Ratio Lower Upper

97 100

99 64.5 51.1 76.7

61 41.2 33.7 50.5





#31

Carbon tetrachloride

Concen: 180.672 ug/L

RT: 4.735 min Scan# 1148

Delta R.T. 0.003 min

Lab File: VV039042.D

Acq: 11 Sep 2025 12:38

Instrument :

MSVOA_V

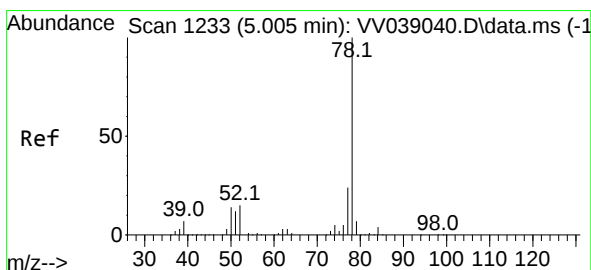
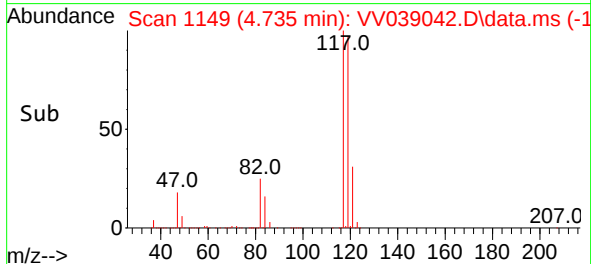
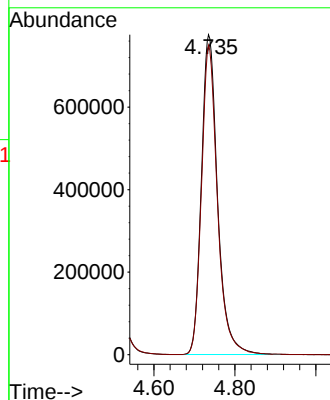
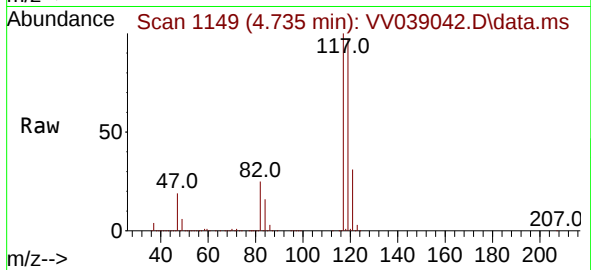
ClientSampleId :

Tgt Ion:117 Resp: 2150940

Ion Ratio Lower Upper

117 100

119 95.5 76.2 114.4



#33

Benzene

Concen: 180.543 ug/L

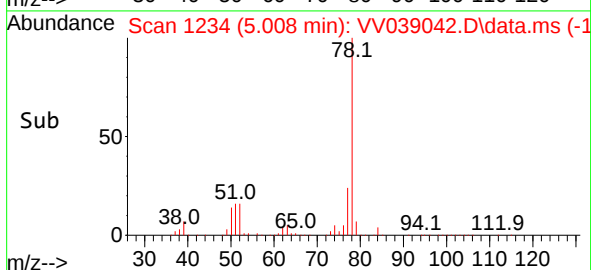
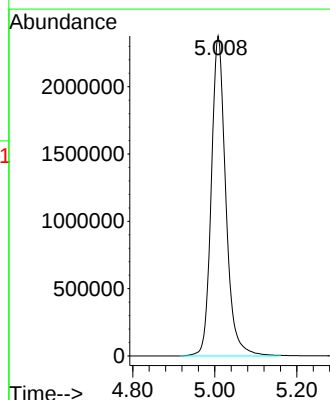
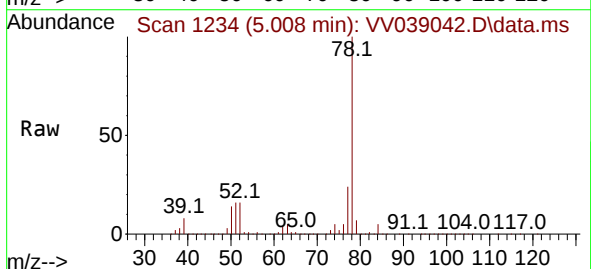
RT: 5.008 min Scan# 1234

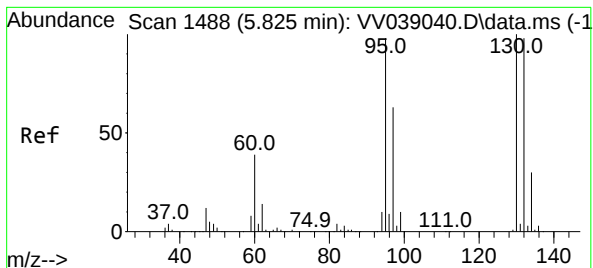
Delta R.T. 0.003 min

Lab File: VV039042.D

Acq: 11 Sep 2025 12:38

Tgt Ion: 78 Resp: 5837964





#34

Trichloroethene

Concen: 187.340 ug/L

RT: 5.828 min Scan# 1488

Delta R.T. 0.003 min

Lab File: VV039042.D

Acq: 11 Sep 2025 12:38

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 1606015

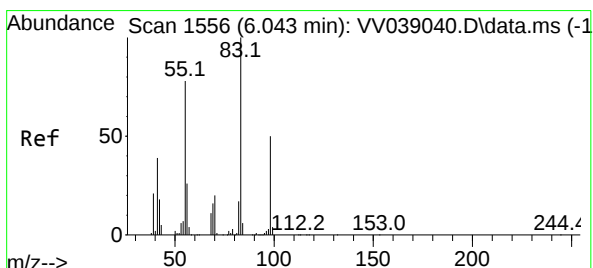
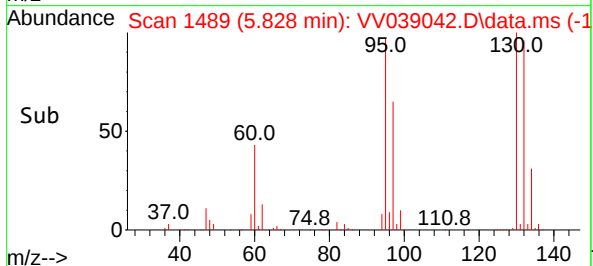
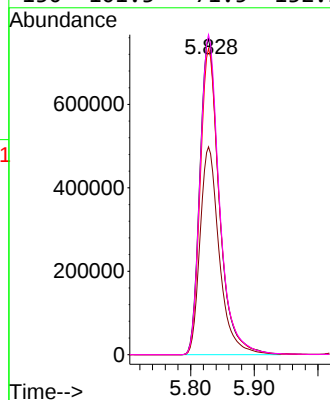
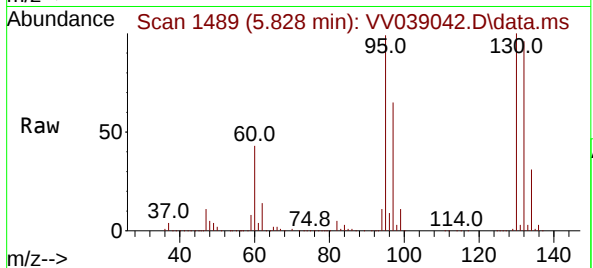
Ion Ratio Lower Upper

95 100

97 65.8 45.4 84.2

132 96.9 69.9 129.7

130 101.3 71.5 132.9



#35

Methylcyclohexane

Concen: 200.471 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.003 min

Lab File: VV039042.D

Acq: 11 Sep 2025 12:38

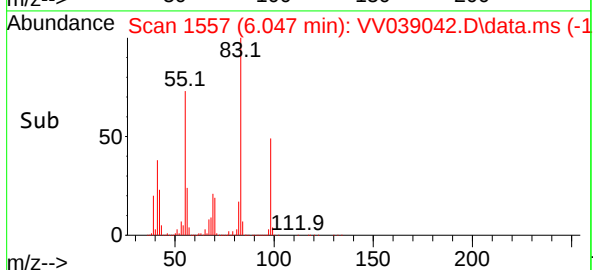
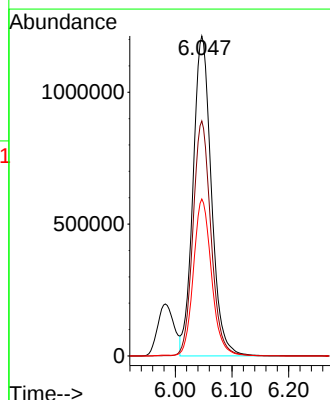
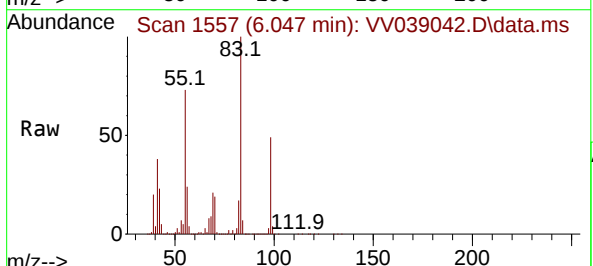
Tgt Ion: 83 Resp: 2715940

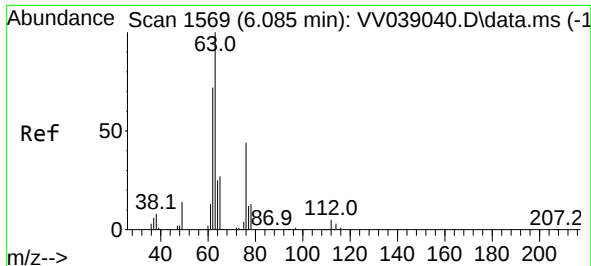
Ion Ratio Lower Upper

83 100

55 72.3 59.0 88.6

98 48.4 37.7 56.5

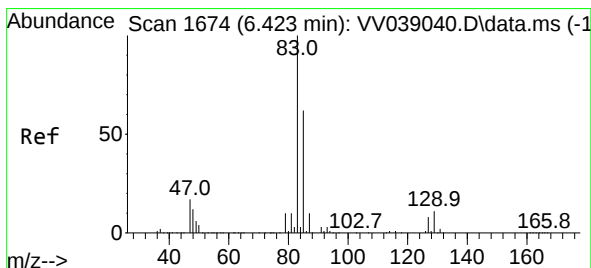
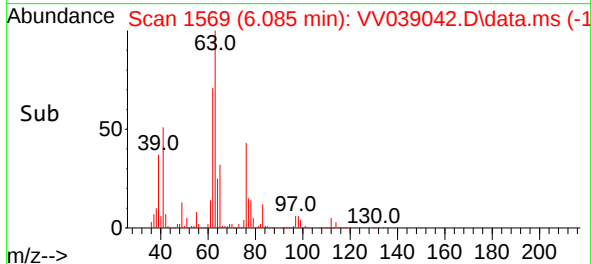
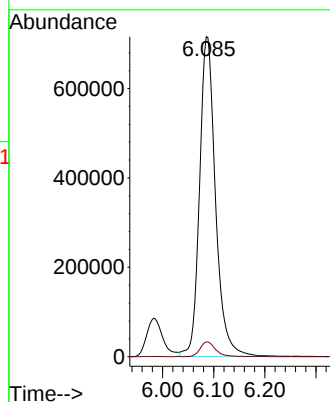
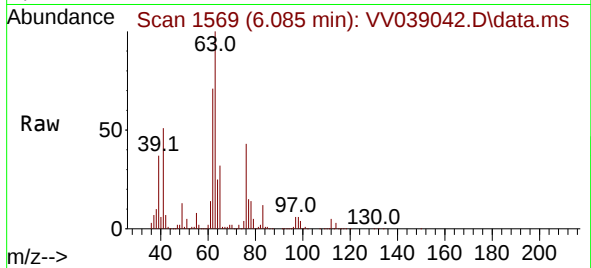




#37
1,2-Dichloropropane
Concen: 168.640 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VV039042.D
Acq: 11 Sep 2025 12:38

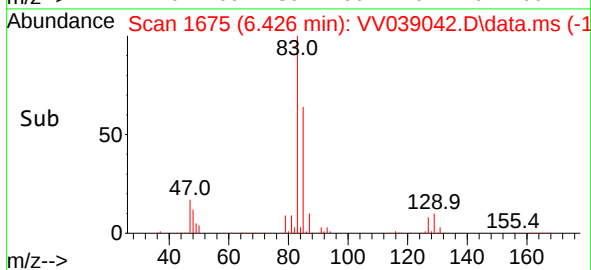
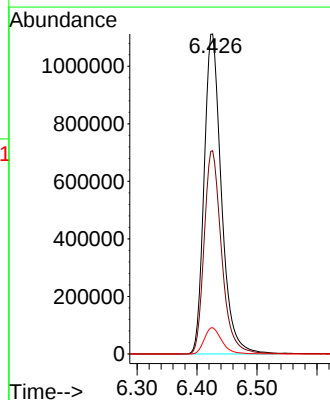
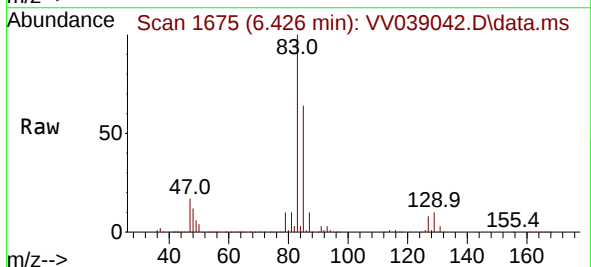
Instrument :
MSVOA_V
ClientSampleId :

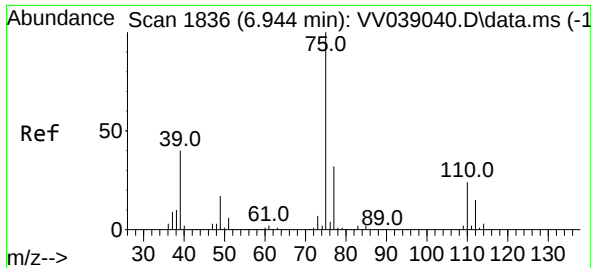
Tgt Ion: 63 Resp: 1552210
Ion Ratio Lower Upper
63 100
112 4.5 3.6 5.4



#38
Bromodichloromethane
Concen: 183.964 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. 0.003 min
Lab File: VV039042.D
Acq: 11 Sep 2025 12:38

Tgt Ion: 83 Resp: 2234666
Ion Ratio Lower Upper
83 100
85 63.5 43.5 80.7
127 8.2 6.4 9.6

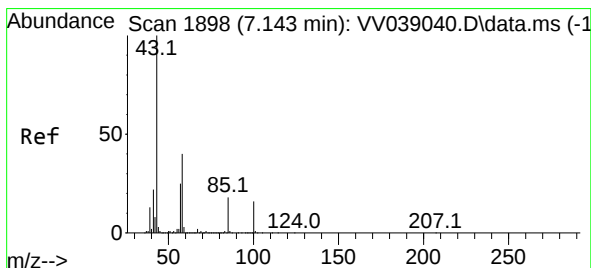
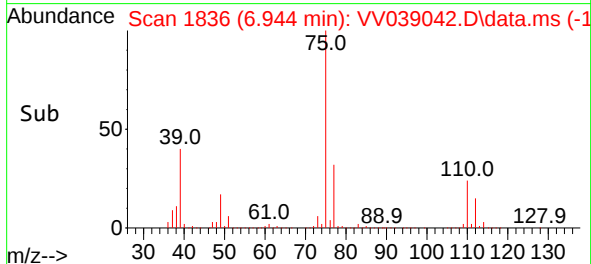
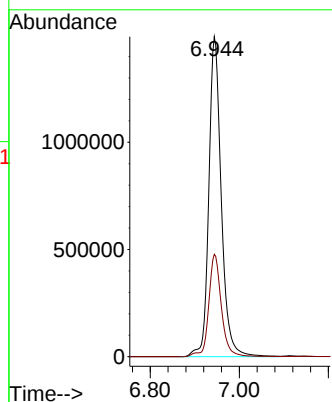
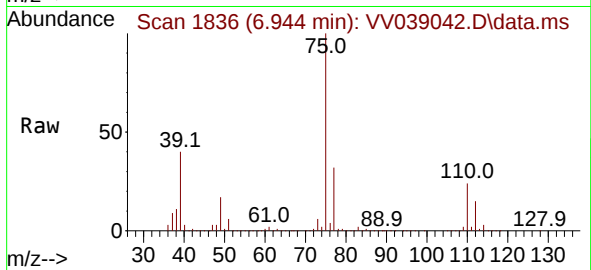




#39
 cis-1,3-Dichloropropene
 Concen: 216.313 ug/L
 RT: 6.944 min Scan# 1836
 Delta R.T. 0.000 min
 Lab File: VV039042.D
 Acq: 11 Sep 2025 12:38

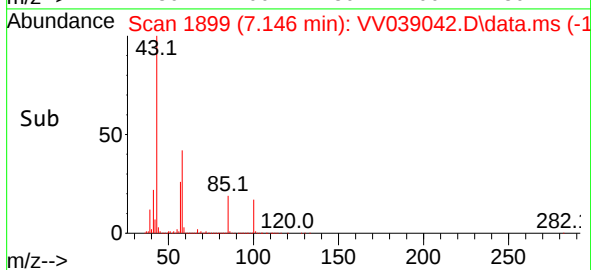
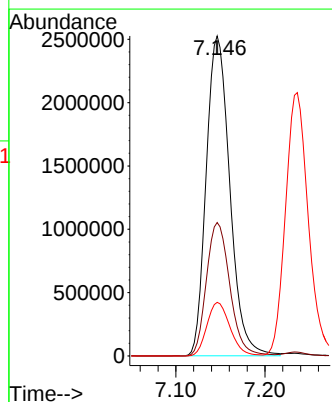
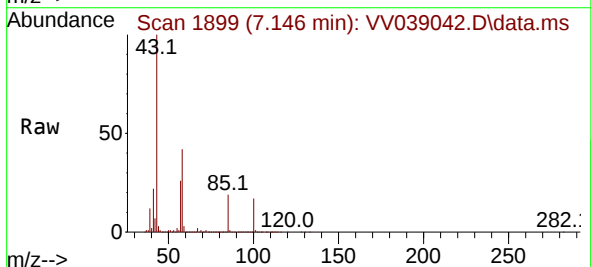
Instrument :
 MSVOA_V
 ClientSampleId :

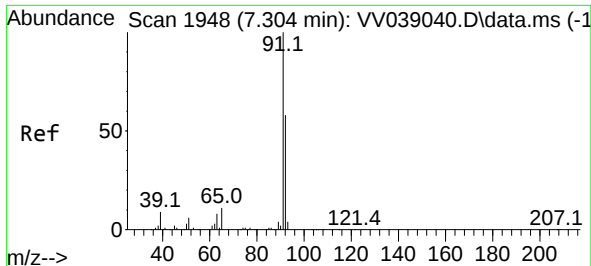
Tgt Ion: 75 Resp: 2885576
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 375.701 ug/L
 RT: 7.146 min Scan# 1899
 Delta R.T. 0.003 min
 Lab File: VV039042.D
 Acq: 11 Sep 2025 12:38

Tgt Ion: 43 Resp: 4650083
 Ion Ratio Lower Upper
 43 100
 58 41.4 32.6 48.8
 100 16.4 12.7 19.1

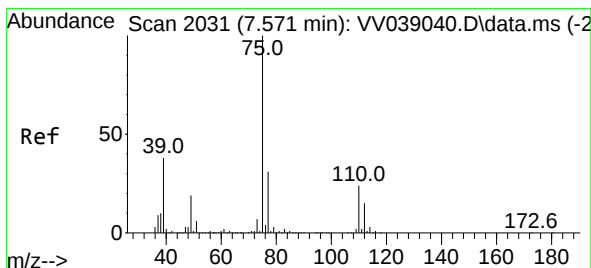
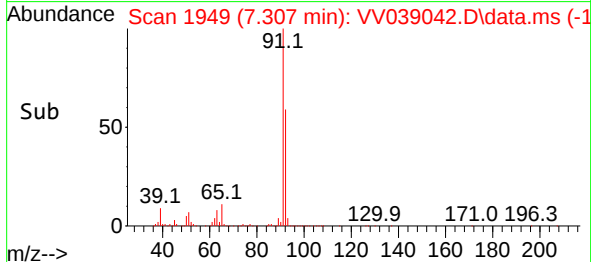
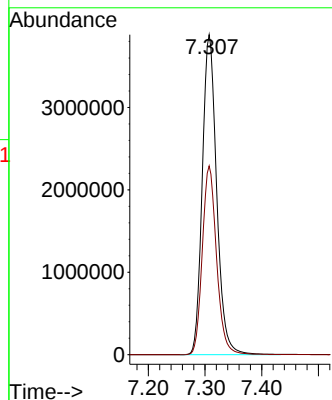
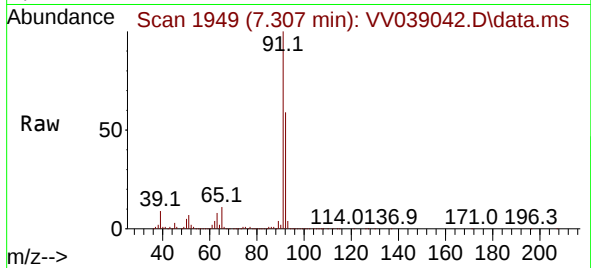




#42
Toluene
Concen: 202.284 ug/L
RT: 7.307 min Scan# 1948
Delta R.T. 0.003 min
Lab File: VV039042.D
Acq: 11 Sep 2025 12:38

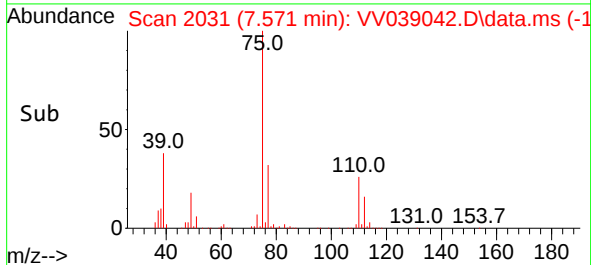
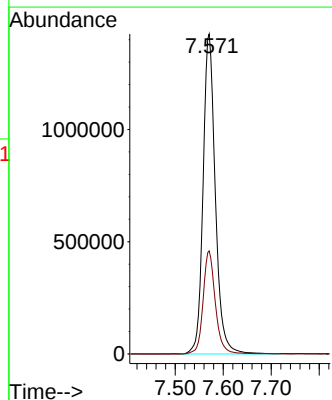
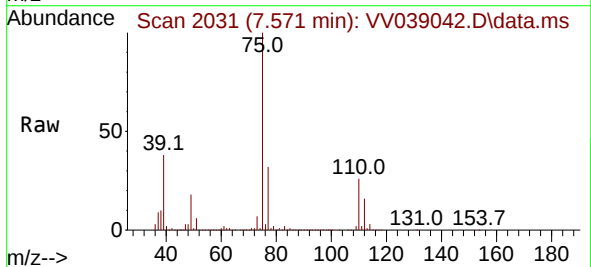
Instrument :
MSVOA_V
ClientSampleId :

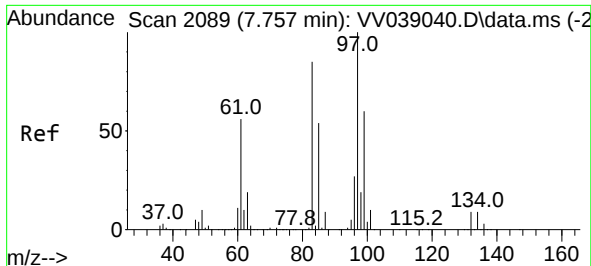
Tgt Ion: 91 Resp: 6840593
Ion Ratio Lower Upper
91 100
92 59.0 40.9 75.9



#44
trans-1,3-Dichloropropene
Concen: 193.350 ug/L
RT: 7.571 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VV039042.D
Acq: 11 Sep 2025 12:38

Tgt Ion: 75 Resp: 2527769
Ion Ratio Lower Upper
75 100
77 32.2 21.6 40.2



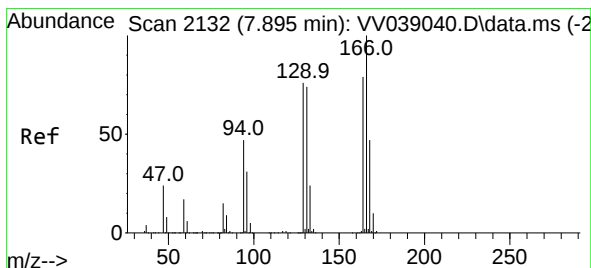
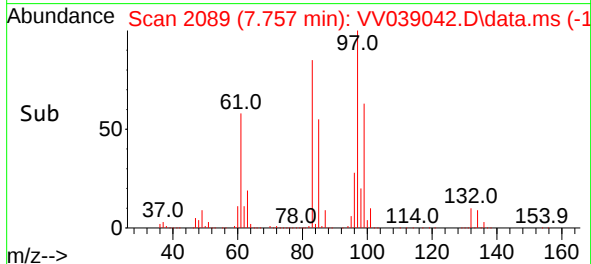
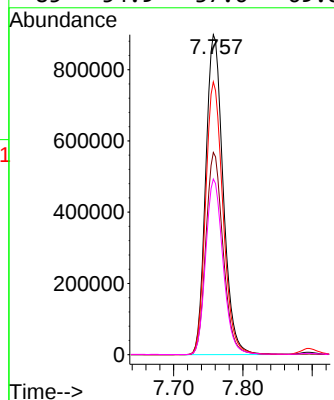
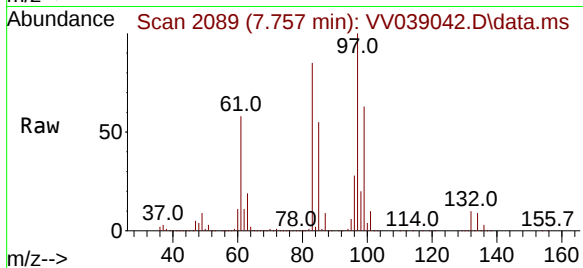


#45
1,1,2-Trichloroethane
Concen: 169.720 ug/L
RT: 7.757 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VV039042.D
Acq: 11 Sep 2025 12:38

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 1568786

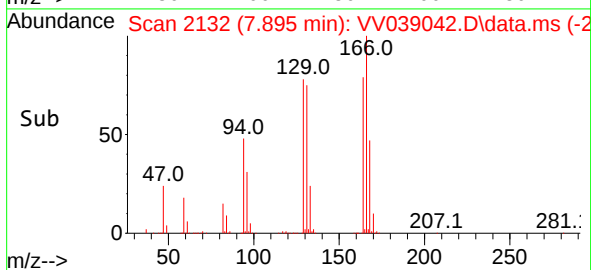
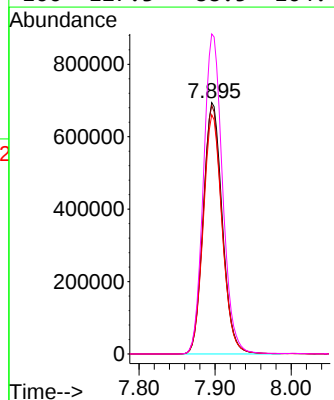
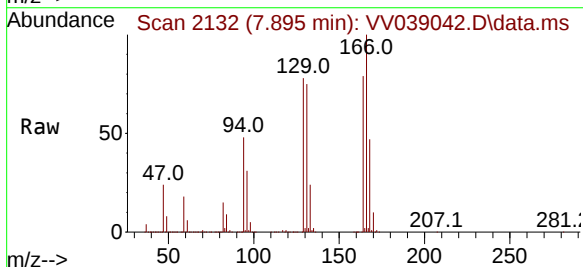
Ion	Ratio	Lower	Upper
97	100		
99	63.2	42.3	78.5
83	85.3	59.4	110.2
85	54.9	37.6	69.8

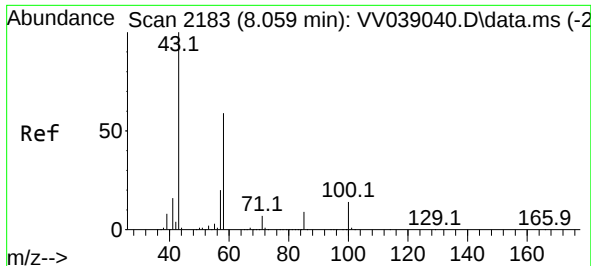


#46
Tetrachloroethene
Concen: 188.192 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV039042.D
Acq: 11 Sep 2025 12:38

Tgt Ion:164 Resp: 1202507

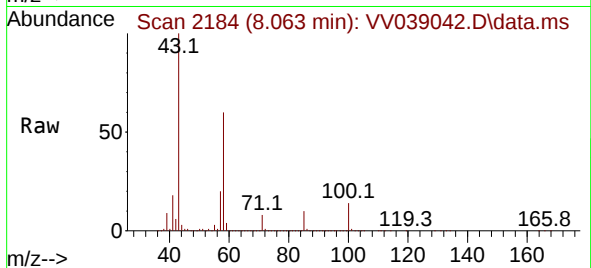
Ion	Ratio	Lower	Upper
164	100		
129	98.9	67.0	124.4
131	95.2	65.6	121.8
166	127.3	88.5	164.4





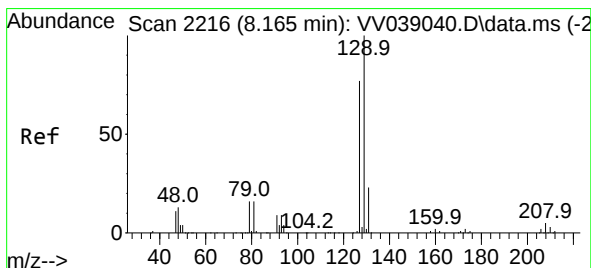
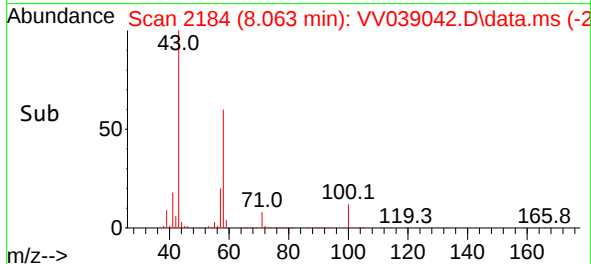
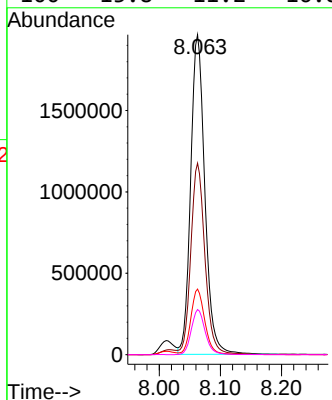
#48
2-Hexanone
Concen: 353.521 ug/L
RT: 8.063 min Scan# 2184
Delta R.T. 0.003 min
Lab File: VV039042.D
Acq: 11 Sep 2025 12:38

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 3164525

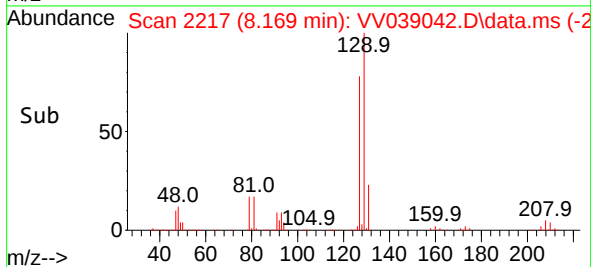
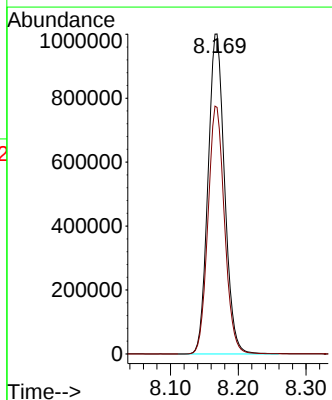
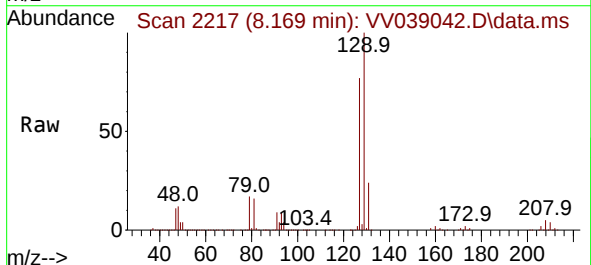
Ion	Ratio	Lower	Upper
43	100		
58	59.5	46.3	69.5
57	20.3	15.8	23.6
100	13.8	11.2	16.8

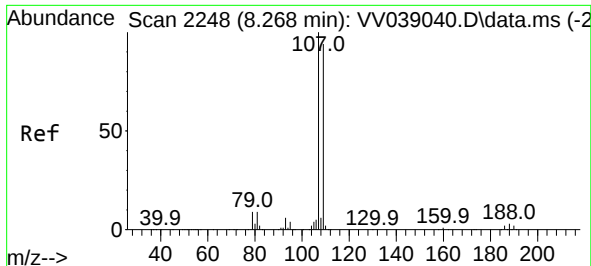


#49
Dibromochloromethane
Concen: 182.126 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV039042.D
Acq: 11 Sep 2025 12:38

Tgt Ion: 129 Resp: 1703157

Ion	Ratio	Lower	Upper
129	100		
127	77.1	53.8	100.0





#50

1,2-Dibromoethane

Concen: 181.814 ug/L

RT: 8.272 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV039042.D

Acq: 11 Sep 2025 12:38

Instrument :

MSVOA_V

ClientSampleId :

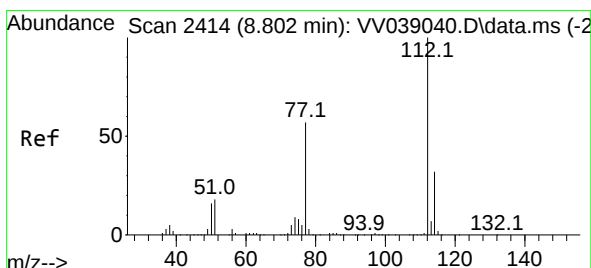
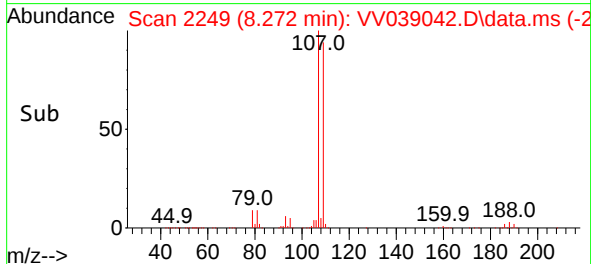
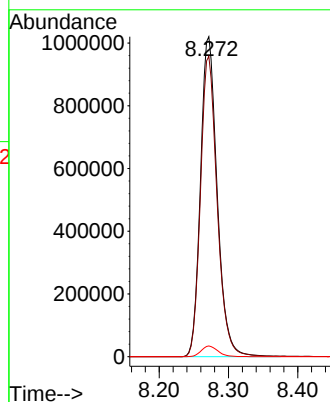
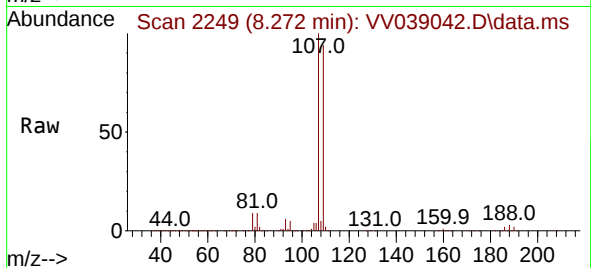
Tgt Ion:107 Resp: 1707863

Ion Ratio Lower Upper

107 100

109 93.9 66.1 122.8

188 3.3 2.6 4.0



#51

Chlorobenzene

Concen: 182.326 ug/L

RT: 8.802 min Scan# 2414

Delta R.T. 0.000 min

Lab File: VV039042.D

Acq: 11 Sep 2025 12:38

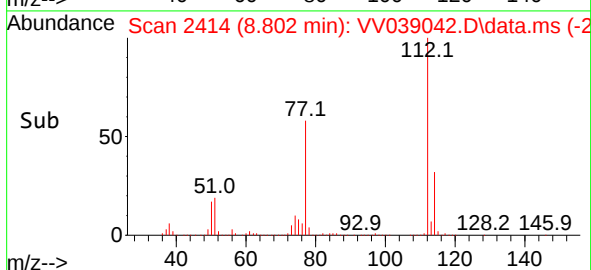
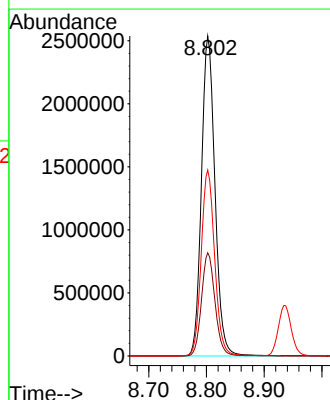
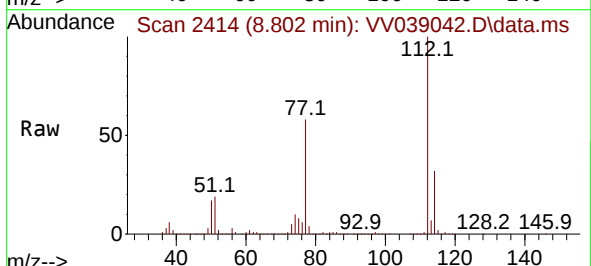
Tgt Ion:112 Resp: 4116779

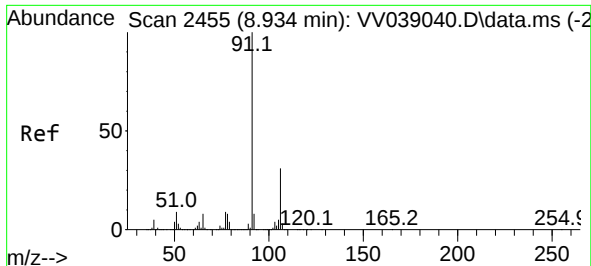
Ion Ratio Lower Upper

112 100

114 32.3 22.3 41.3

77 58.1 45.5 68.3

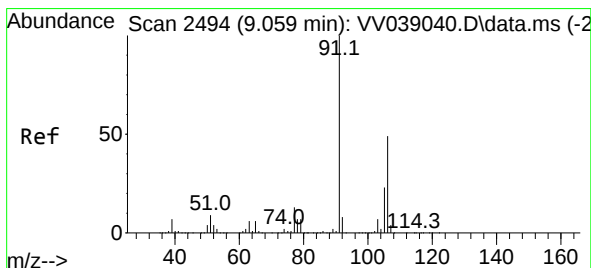
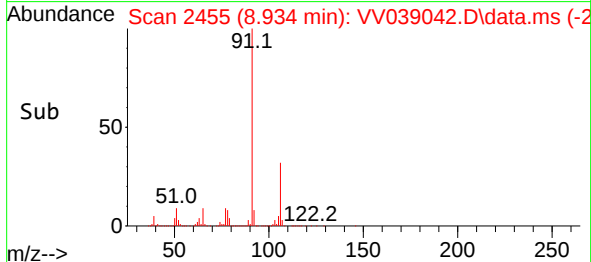
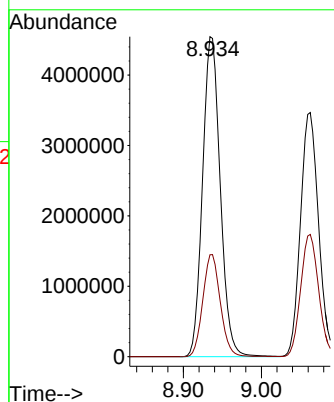
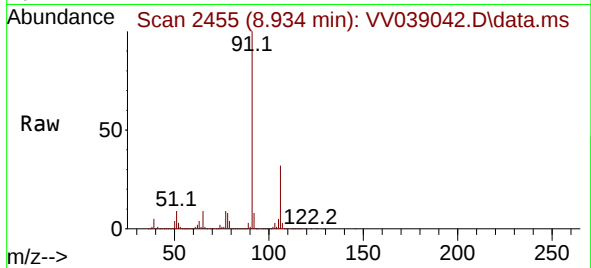




#52
Ethylbenzene
Concen: 198.192 ug/L
RT: 8.934 min Scan# 2455
Delta R.T. 0.000 min
Lab File: VV039042.D
Acq: 11 Sep 2025 12:38

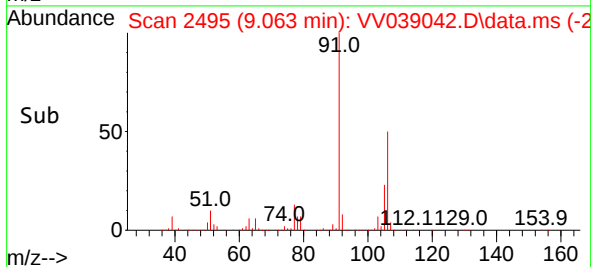
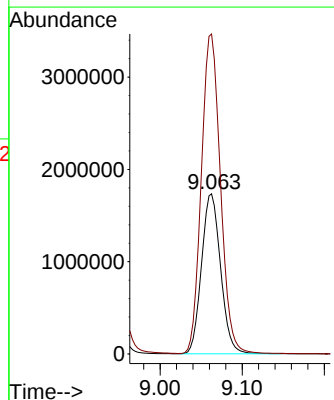
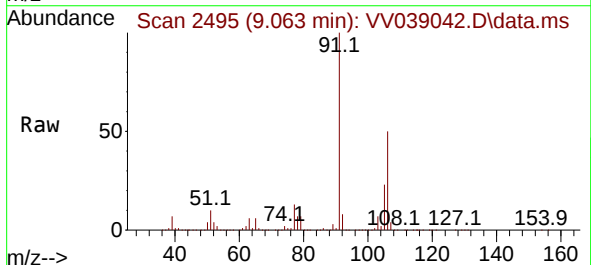
Instrument :
MSVOA_V
ClientSampleId :

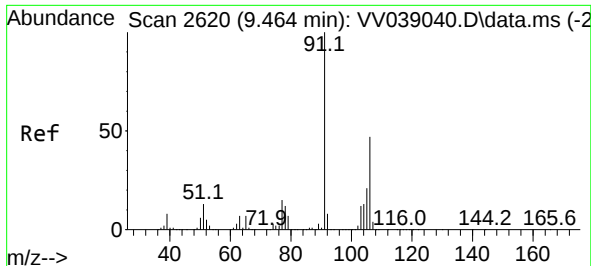
Tgt Ion: 91 Resp: 7157527
Ion Ratio Lower Upper
91 100
106 31.9 21.7 40.3



#53
m,p-Xylene
Concen: 210.823 ug/L
RT: 9.063 min Scan# 2495
Delta R.T. 0.003 min
Lab File: VV039042.D
Acq: 11 Sep 2025 12:38

Tgt Ion: 106 Resp: 2796862
Ion Ratio Lower Upper
106 100
91 199.7 142.0 263.8

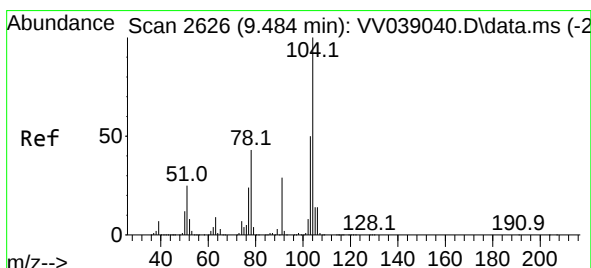
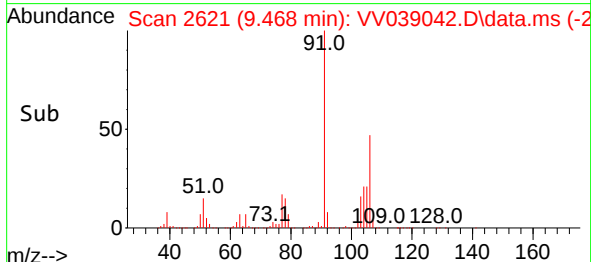
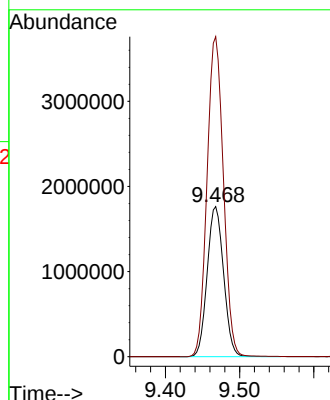
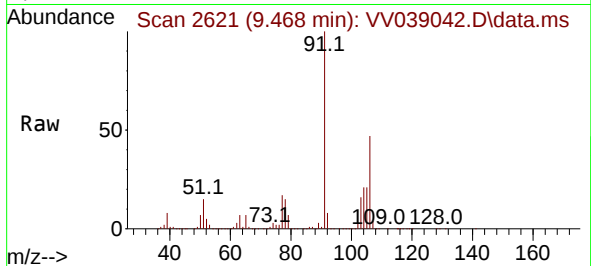




#54
o-Xylene
Concen: 210.098 ug/L
RT: 9.468 min Scan# 2621
Delta R.T. 0.003 min
Lab File: VV039042.D
Acq: 11 Sep 2025 12:38

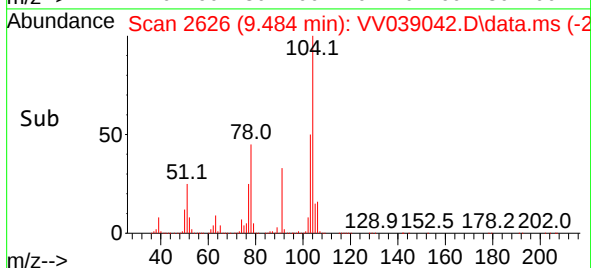
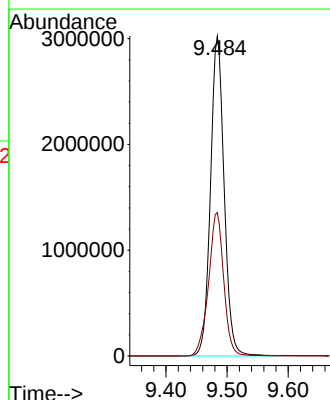
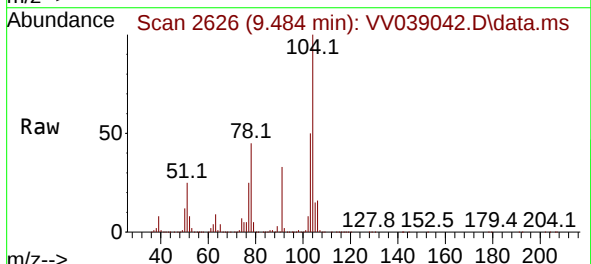
Instrument :
MSVOA_V
ClientSampleId :

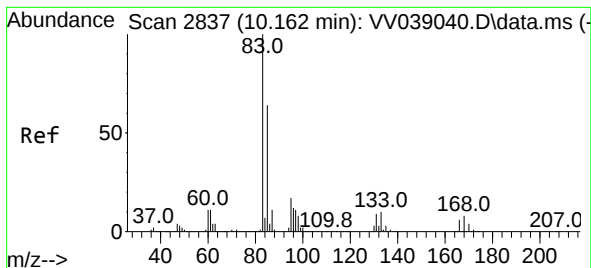
Tgt Ion:106 Resp: 2697658
Ion Ratio Lower Upper
106 100
91 213.2 149.1 276.9



#55
Styrene
Concen: 210.735 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV039042.D
Acq: 11 Sep 2025 12:38

Tgt Ion:104 Resp: 4702201
Ion Ratio Lower Upper
104 100
78 44.8 30.3 56.3





#57

1,1,2,2-Tetrachloroethane

Concen: 184.522 ug/L

RT: 10.165 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV039042.D

Acq: 11 Sep 2025 12:38

Instrument :

MSVOA_V

ClientSampleId :

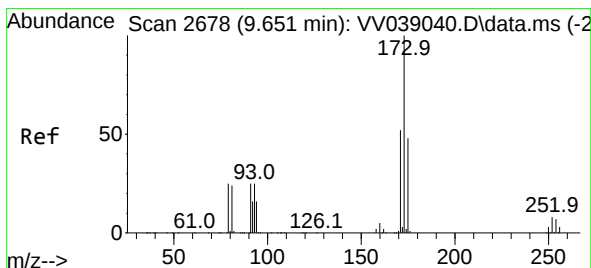
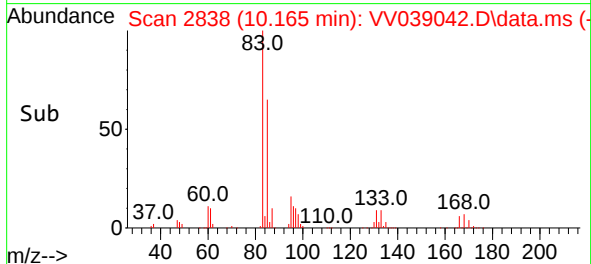
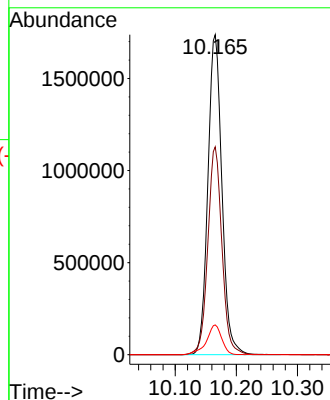
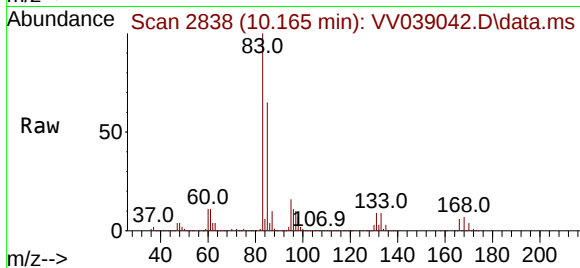
Tgt Ion: 83 Resp: 2762902

Ion Ratio Lower Upper

83 100

85 64.9 44.8 83.2

131 9.3 7.6 11.4



#59

Bromoform

Concen: 185.000 ug/L

RT: 9.651 min Scan# 2678

Delta R.T. 0.000 min

Lab File: VV039042.D

Acq: 11 Sep 2025 12:38

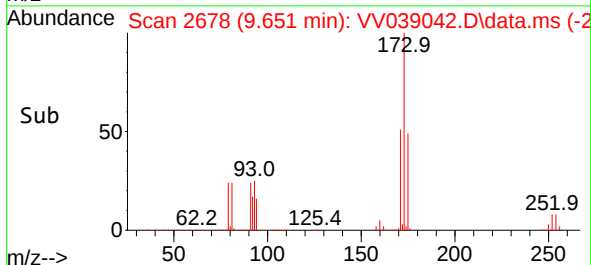
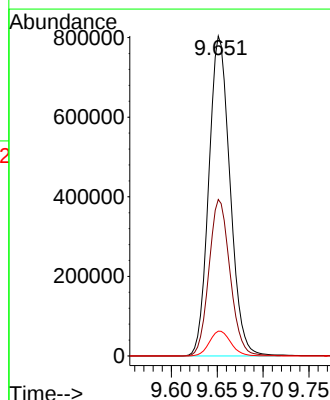
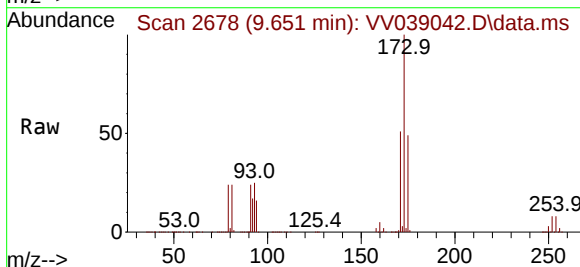
Tgt Ion:173 Resp: 1293261

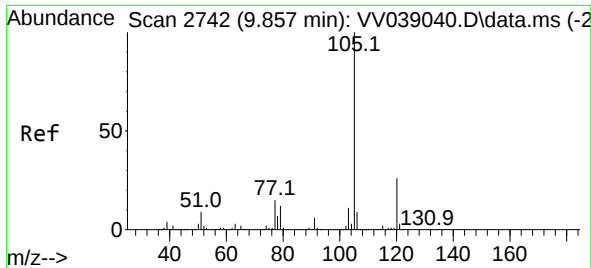
Ion Ratio Lower Upper

173 100

175 48.5 38.9 58.3

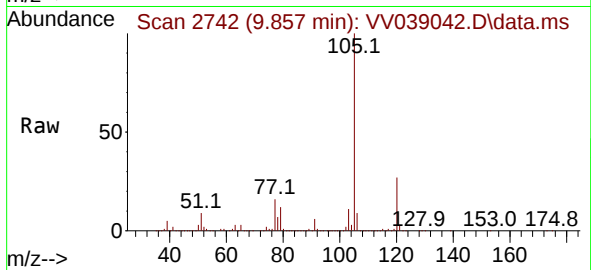
254 7.9 5.9 8.9



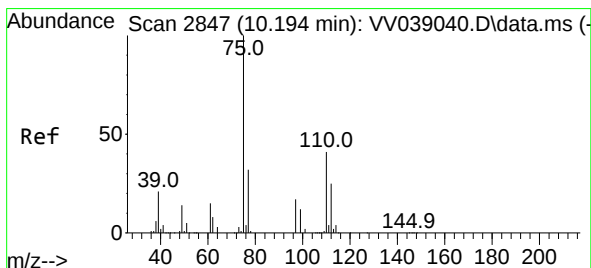
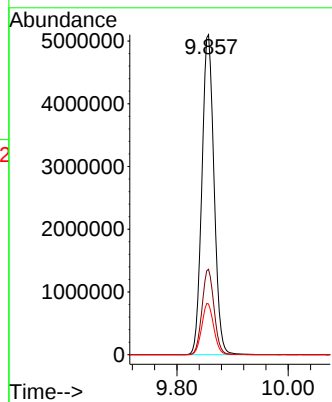
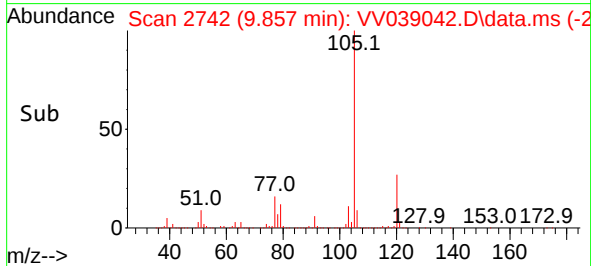


#60
Isopropylbenzene
Concen: 217.595 ug/L
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039042.D
Acq: 11 Sep 2025 12:38

Instrument :
MSVOA_V
ClientSampleId :

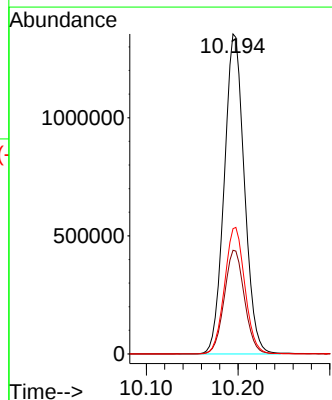
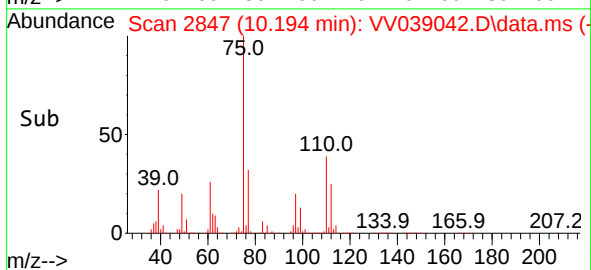
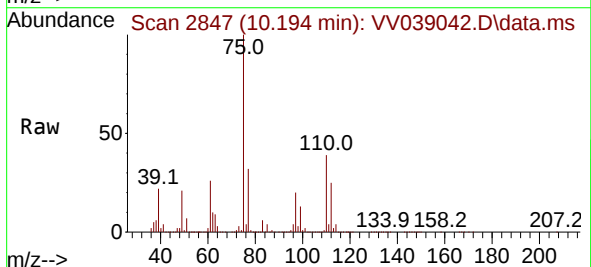


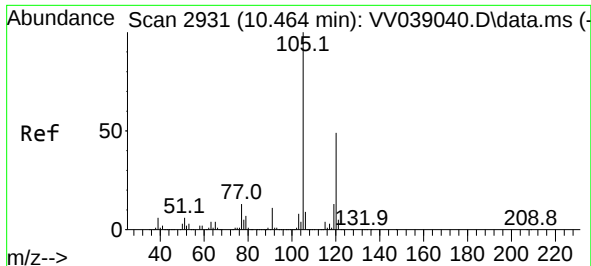
Tgt Ion:105 Resp: 7720714
Ion Ratio Lower Upper
105 100
120 26.5 21.0 31.4
77 15.8 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 172.627 ug/L
RT: 10.194 min Scan# 2847
Delta R.T. 0.000 min
Lab File: VV039042.D
Acq: 11 Sep 2025 12:38

Tgt Ion: 75 Resp: 2062860
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.6
110 39.9 32.4 48.6

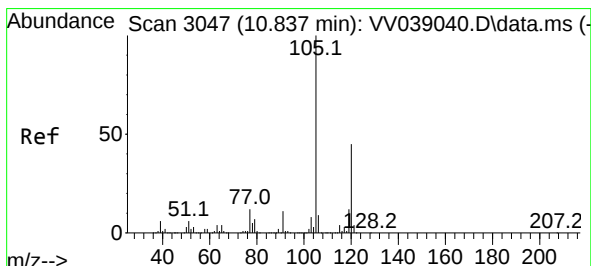
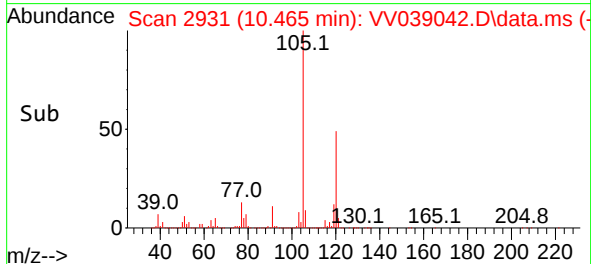
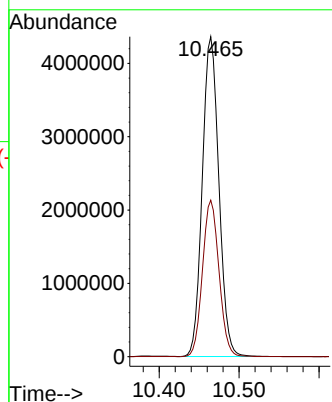
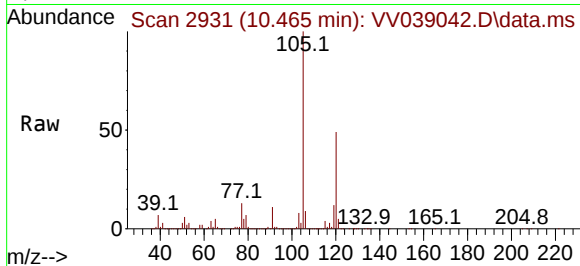




#62
 1,3,5-Trimethylbenzene
 Concen: 227.584 ug/L
 RT: 10.465 min Scan# 2931
 Delta R.T. 0.000 min
 Lab File: VV039042.D
 Acq: 11 Sep 2025 12:38

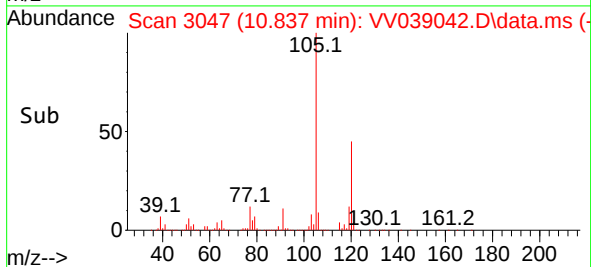
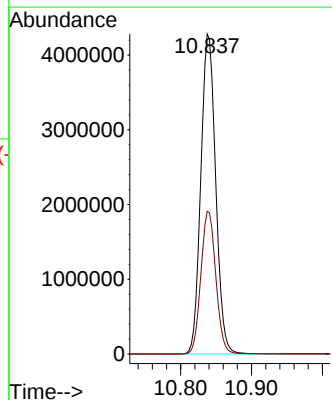
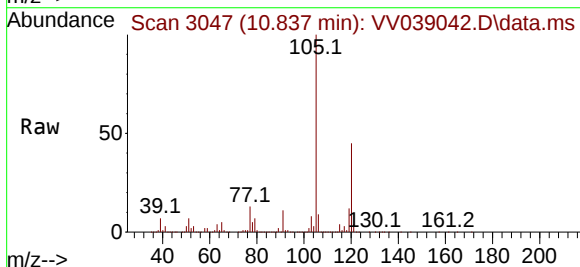
Instrument :
 MSVOA_V
 ClientSampleId :

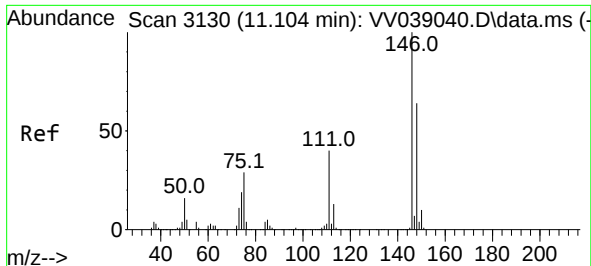
Tgt Ion:105 Resp: 6298309
 Ion Ratio Lower Upper
 105 100
 120 48.7 39.2 58.8



#63
 1,2,4-Trimethylbenzene
 Concen: 228.549 ug/L
 RT: 10.837 min Scan# 3047
 Delta R.T. 0.000 min
 Lab File: VV039042.D
 Acq: 11 Sep 2025 12:38

Tgt Ion:105 Resp: 6227557
 Ion Ratio Lower Upper
 105 100
 120 44.7 36.1 54.1

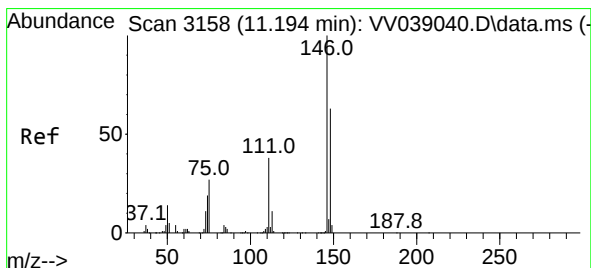
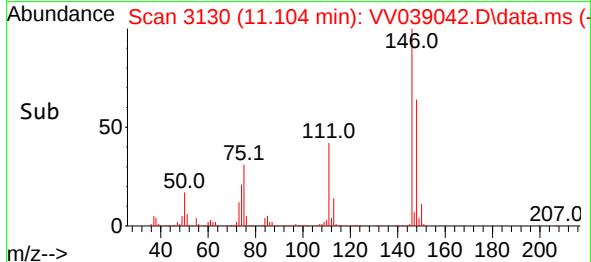
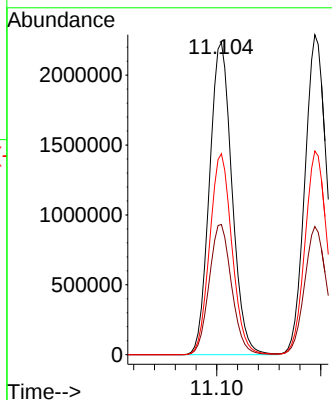
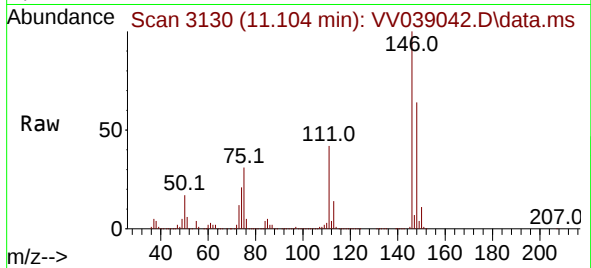




#64
1,3-Dichlorobenzene
Concen: 198.149 ug/L
RT: 11.104 min Scan# 3130
Delta R.T. 0.000 min
Lab File: VV039042.D
Acq: 11 Sep 2025 12:38

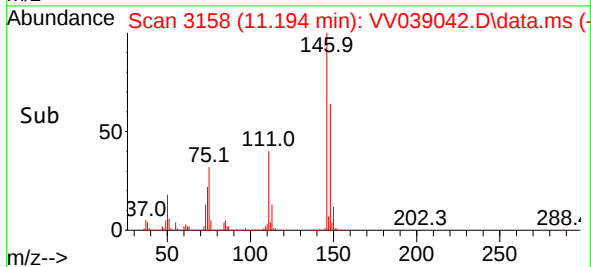
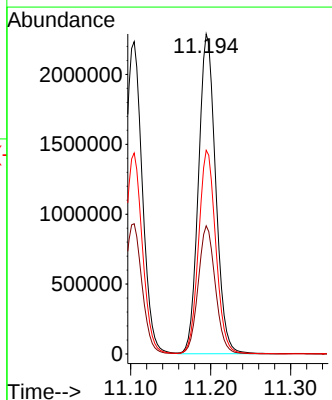
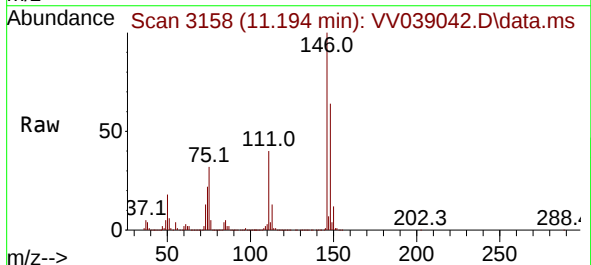
Instrument :
MSVOA_V
ClientSampleId :

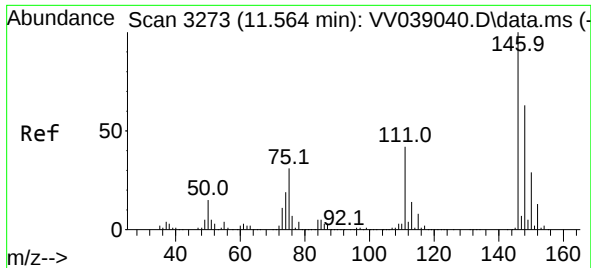
Tgt Ion:146 Resp: 3360783
Ion Ratio Lower Upper
146 100
111 41.7 28.3 52.5
148 64.3 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 188.047 ug/L
RT: 11.194 min Scan# 3158
Delta R.T. 0.000 min
Lab File: VV039042.D
Acq: 11 Sep 2025 12:38

Tgt Ion:146 Resp: 3433268
Ion Ratio Lower Upper
146 100
111 40.1 27.0 50.2
148 63.7 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 193.111 ug/L

RT: 11.564 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039042.D

Acq: 11 Sep 2025 12:38

Instrument :

MSVOA_V

ClientSampleId :

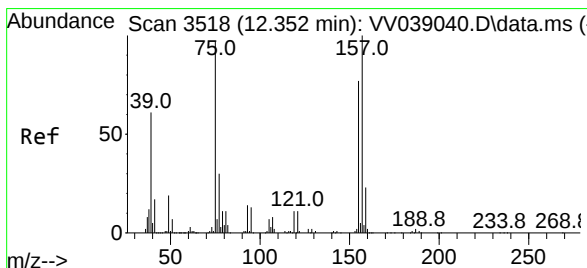
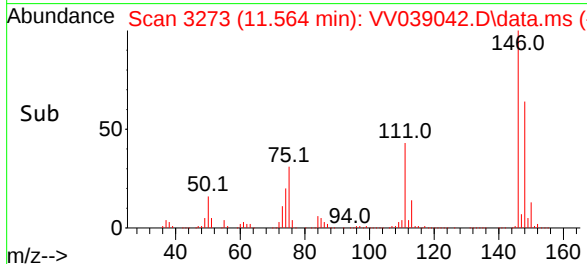
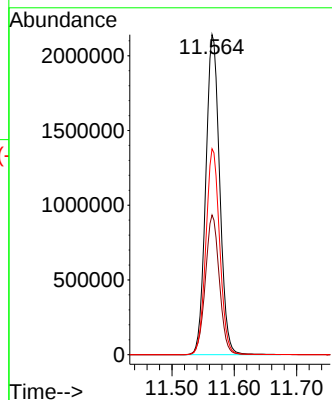
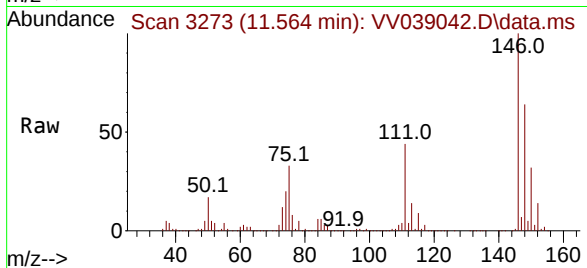
Tgt Ion:146 Resp: 3310089

Ion Ratio Lower Upper

146 100

111 43.6 33.4 50.2

148 64.4 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 164.347 ug/L

RT: 12.349 min Scan# 3517

Delta R.T. -0.003 min

Lab File: VV039042.D

Acq: 11 Sep 2025 12:38

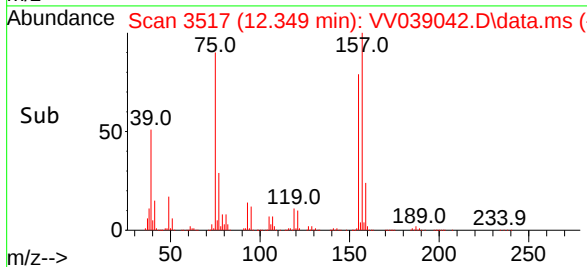
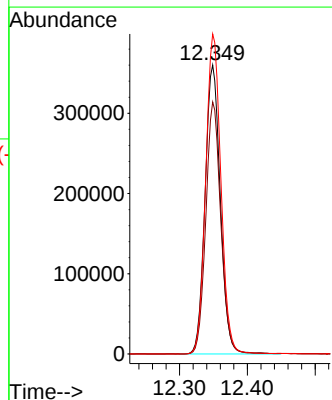
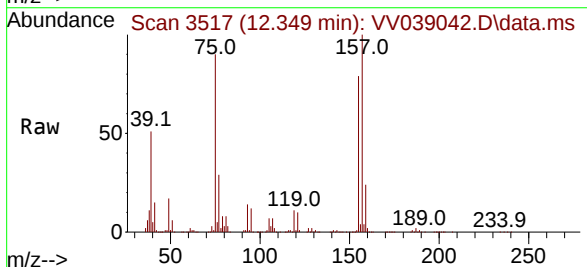
Tgt Ion: 75 Resp: 564254

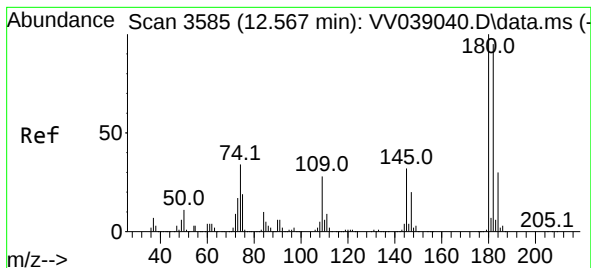
Ion Ratio Lower Upper

75 100

155 87.2 63.7 95.5

157 110.7 82.2 123.2





#69

1,3,5-Trichlorobenzene

Concen: 197.976 ug/L

RT: 12.567 min Scan# 3585

Delta R.T. 0.000 min

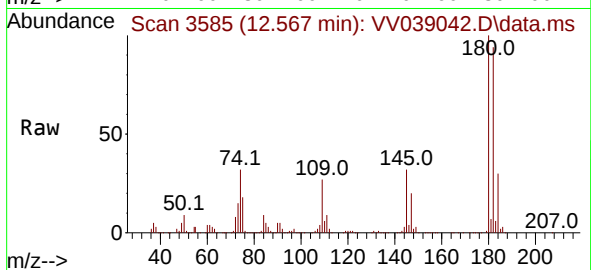
Lab File: VV039042.D

Acq: 11 Sep 2025 12:38

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 2220263

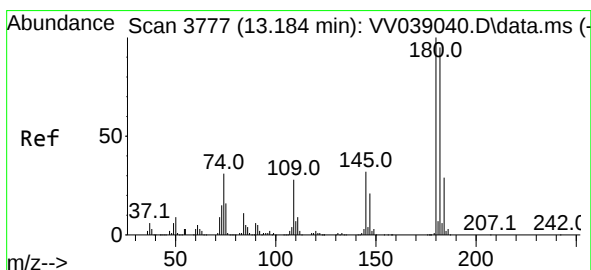
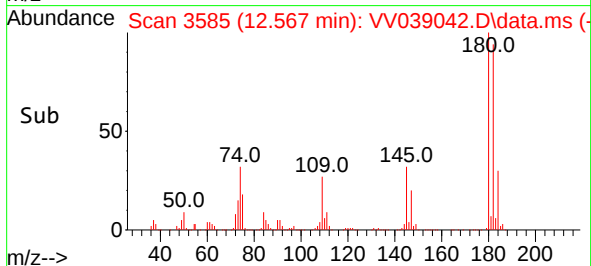
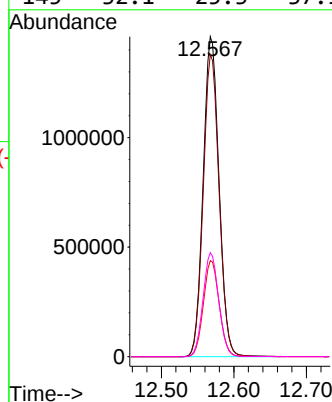
Ion Ratio Lower Upper

180 100

182 94.4 75.0 112.4

184 29.9 23.8 35.8

145 32.1 25.3 37.9



#70

1,2,4-trichlorobenzene

Concen: 216.138 ug/L

RT: 13.185 min Scan# 3777

Delta R.T. 0.000 min

Lab File: VV039042.D

Acq: 11 Sep 2025 12:38

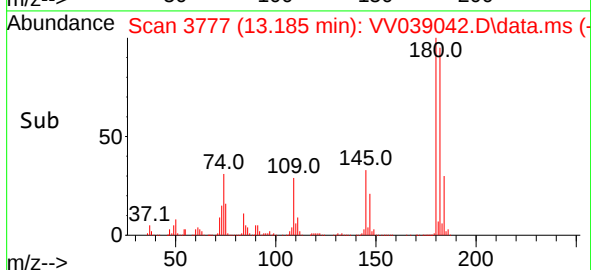
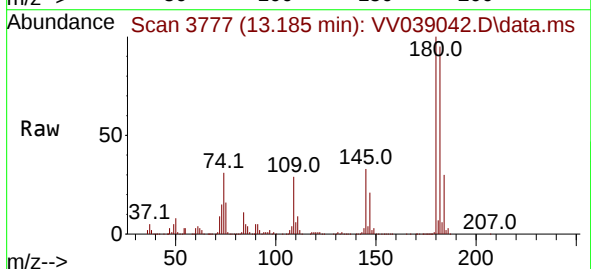
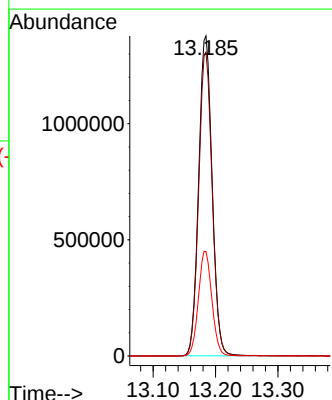
Tgt Ion:180 Resp: 2073284

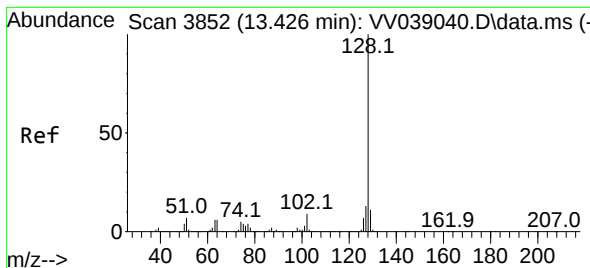
Ion Ratio Lower Upper

180 100

182 94.9 76.0 114.0

145 32.6 25.8 38.6





#71

Naphthalene

Concen: 218.851 ug/L

RT: 13.423 min Scan# 3851

Delta R.T. -0.003 min

Lab File: VV039042.D

Acq: 11 Sep 2025 12:38

Instrument :

MSVOA_V

ClientSampleId :

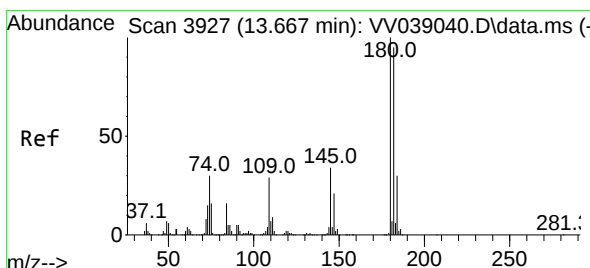
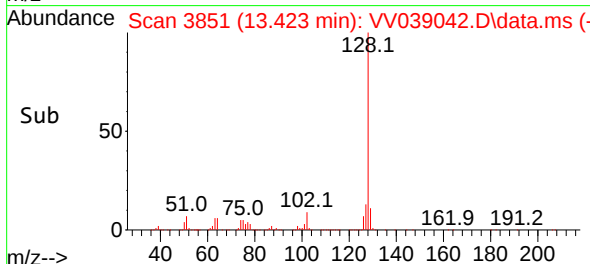
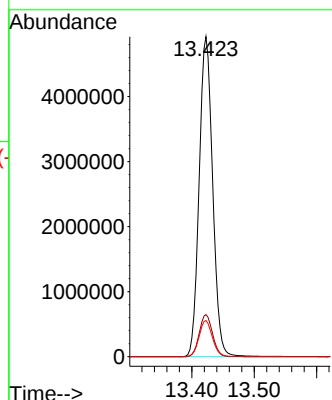
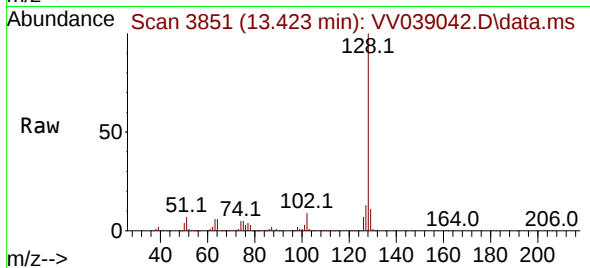
Tgt Ion:128 Resp: 7398525

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.1 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 208.860 ug/L

RT: 13.664 min Scan# 3926

Delta R.T. -0.003 min

Lab File: VV039042.D

Acq: 11 Sep 2025 12:38

Tgt Ion:180 Resp: 2098659

Ion Ratio Lower Upper

180 100

182 94.4 75.9 113.9

145 34.5 27.1 40.7

