

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW020625\
 Data File : VW038633.D
 Acq On : 06 Feb 2025 15:17
 Operator : SY/MD
 Sample : VSTD001
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 11 11:49:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020625WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 11 11:28:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	165085	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	174556	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	81472	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	16367	1.14	ug/L	0.00
7) Chloroethane-d5	1.529	69	12375	1.05	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	6861	1.07	ug/L	0.00
20) 2-Butanone-d5	3.876	46	6544	2.28	ug/L	0.08
24) Chloroform-d	4.246	84	24666	0.95	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.953	65	10892	0.92	ug/L	0.02
32) Benzene-d6	4.960	84	42472	0.86	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	13903	0.93	ug/L	0.02
41) Toluene-d8	7.243	98	37127	0.84	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.567	79	4272	0.79	ug/L	0.02
46) 2-Hexanone-d5	8.040	63	14855	7.07	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.149	84	12251	1.04	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	12429	0.89	ug/L	0.00
Target Compounds						
2) Dichlorodifluoromethane	1.105	85	19695	1.07	ug/L	99
3) Chloromethane	1.214	50	20133	1.07	ug/L	100
5) Vinyl chloride	1.282	62	19599	1.03	ug/L	89
6) Bromomethane	1.487	94	7940	0.85	ug/L	99
8) Chloroethane	1.548	64	13681	1.20	ug/L	98
9) Trichlorofluoromethane	1.712	101	26818	1.10	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	14537	1.05	ug/L	94
12) 1,1-Dichloroethene	2.066	96	14378	1.05	ug/L	94
13) Acetone	2.156	43	22286	10.11	ug/L	63
14) Carbon disulfide	2.236	76	46845	1.02	ug/L	98
15) Methyl Acetate	2.400	43	4805	0.85	ug/L #	78
16) Methylene chloride	2.445	84	16410	1.08	ug/L	97
17) Methyl tert-butyl Ether	2.703	73	27167	0.96	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	13792	0.98	ug/L	94
19) 1,1-Dichloroethane	3.108	63	27064	1.01	ug/L	99
21) 2-Butanone	3.953	43	10987	3.54	ug/L #	70
22) cis-1,2-Dichloroethene	3.822	96	14165	0.99	ug/L	96
23) Bromochloromethane	4.156	128	6700	1.03	ug/L	88
25) Chloroform	4.275	83	27334	1.03	ug/L	96
27) 1,2-Dichloroethane	5.053	62	16170	1.10	ug/L	97
29) 1,1,1-Trichloroethane	4.506	97	25312	1.08	ug/L	96
30) Cyclohexane	4.571	56	18477	0.88	ug/L	95
31) Carbon tetrachloride	4.732	117	20921	1.02	ug/L	95
33) Benzene	5.011	78	49805	0.90	ug/L	100
34) Trichloroethene	5.838	95	13125	0.92	ug/L	96
35) Methylcyclohexane	6.043	83	18930	0.88	ug/L	96
37) 1,2-Dichloropropane	6.095	63	12682	0.90	ug/L #	97
38) Bromodichloromethane	6.436	83	18274	0.99	ug/L #	95
39) cis-1,3-Dichloropropene	6.966	75	16330	0.84	ug/L	92
40) 4-Methyl-2-pentanone	7.159	43	62998	8.57	ug/L	98
42) Toluene	7.317	91	51799	0.90	ug/L	98
44) trans-1,3-Dichloropropene	7.593	75	13113	0.79	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV020625\
 Data File : VV038633.D
 Acq On : 06 Feb 2025 15:17
 Operator : SY/MD
 Sample : VSTD001
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 11 11:49:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020625WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 11 11:28:39 2025
 Response via : Initial Calibration

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

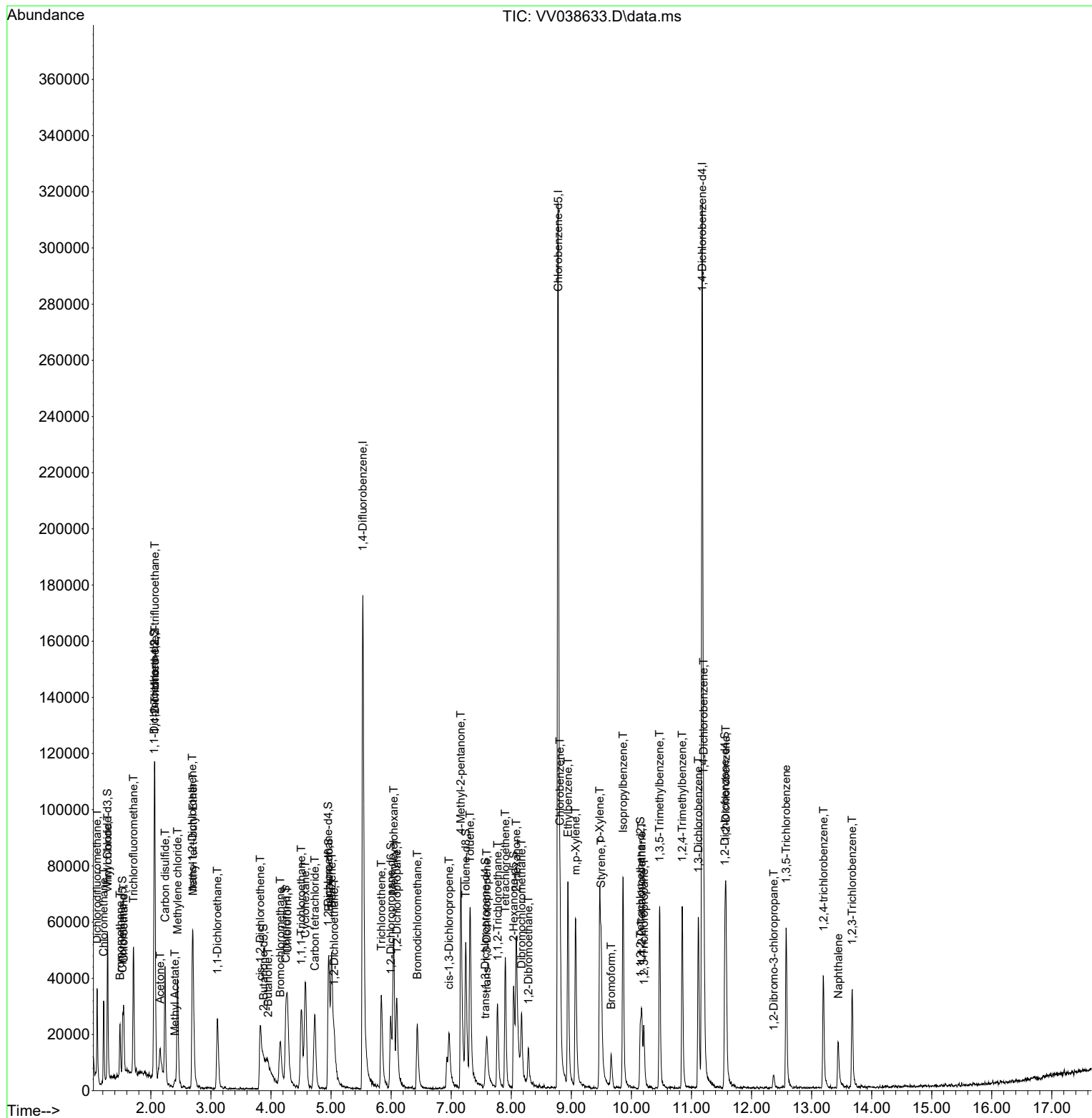
45) 1,1,2-Trichloroethane	7.773	97	10718	1.04	ug/L	95
47) Tetrachloroethene	7.902	164	10428	0.94	ug/L	91
48) 2-Hexanone	8.085	43	42530	8.08	ug/L #	90
49) Dibromochloromethane	8.172	129	11465	0.97	ug/L	94
50) 1,2-Dibromoethane	8.288	107	9917	1.04	ug/L	80
51) Chlorobenzene	8.812	112	36063	0.94	ug/L	99
52) Ethylbenzene	8.944	91	52517	0.85	ug/L	99
53) m,p-Xylene	9.072	106	18718	0.80	ug/L	88
54) o-Xylene	9.474	106	18505	0.83	ug/L	99
55) Styrene	9.497	104	29571	0.76	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	13505	1.07	ug/L	94
59) Bromoform	9.664	173	5825	1.04	ug/L #	92
60) Isopropylbenzene	9.860	105	48725	0.90	ug/L	98
61) 1,2,3-Trichloropropane	10.210	75	9477	1.22	ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	36501	0.86	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	35718	0.85	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	26673	0.99	ug/L	97
65) 1,4-Dichlorobenzene	11.204	146	26882	0.97	ug/L	96
67) 1,2-Dichlorobenzene	11.574	146	25083	1.00	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.371	75	1833	1.17	ug/L #	79
69) 1,3,5-Trichlorobenzene	12.577	180	17248	0.95	ug/L	97
70) 1,2,4-trichlorobenzene	13.197	180	12818	0.94	ug/L	97
71) Naphthalene	13.445	128	17696	0.87	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	10819	0.92	ug/L	97

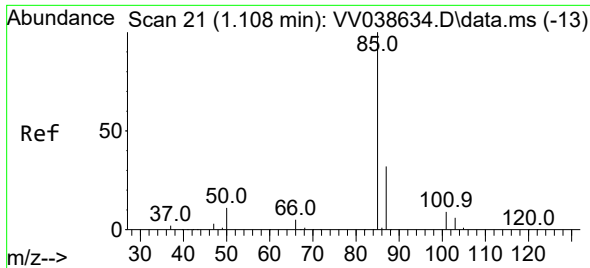
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV020625\
Data File : VV038633.D
Acq On : 06 Feb 2025 15:17
Operator : SY/MD
Sample : VSTD001
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Feb 11 11:49:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020625WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Feb 11 11:28:39 2025
Response via : Initial Calibration

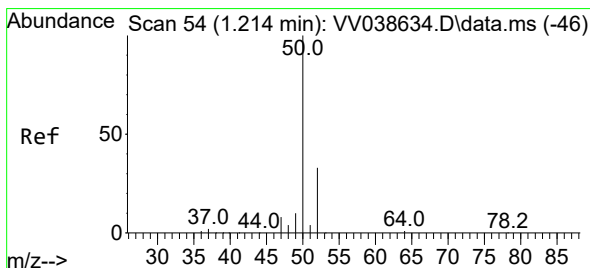
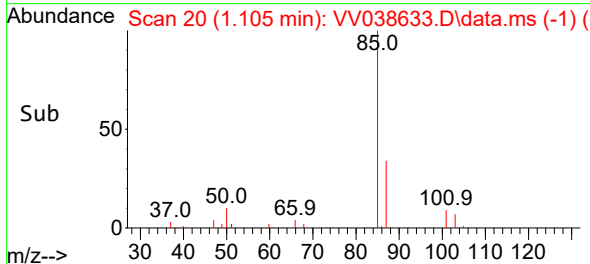
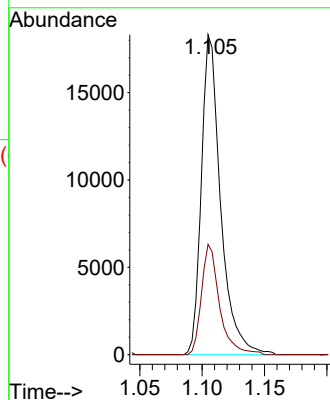
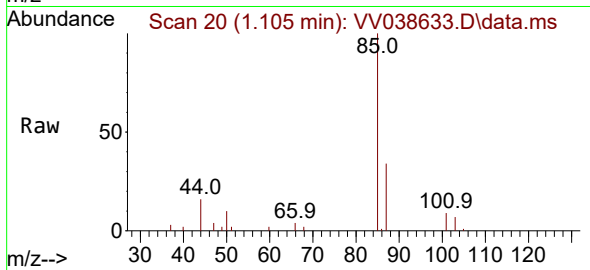




#2
Dichlorodifluoromethane
Concen: 1.07 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV038633.D
Acq: 06 Feb 2025 15:17

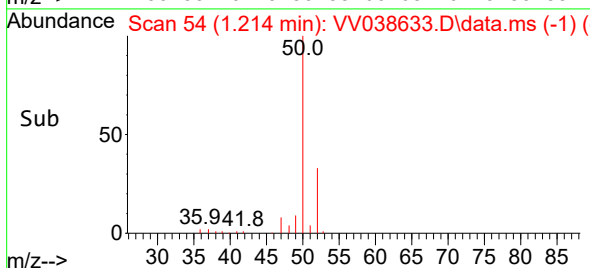
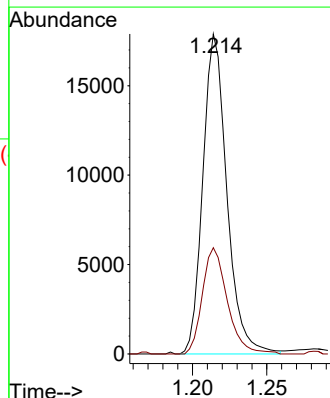
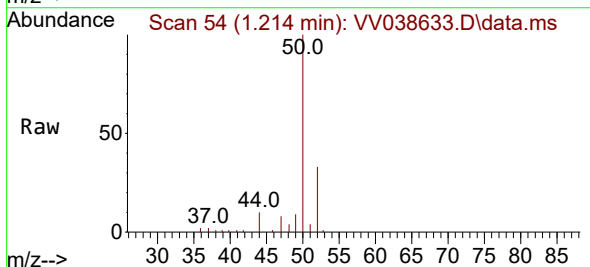
Instrument :
MSVOA_V
ClientSampleId :

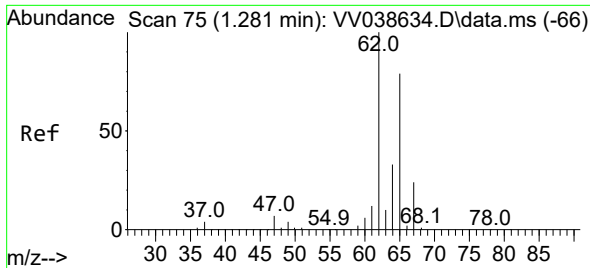
Tgt Ion: 85 Resp: 19695
Ion Ratio Lower Upper
85 100
87 32.3 25.5 38.3



#3
Chloromethane
Concen: 1.07 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV038633.D
Acq: 06 Feb 2025 15:17

Tgt Ion: 50 Resp: 20133
Ion Ratio Lower Upper
50 100
52 33.2 23.2 43.2

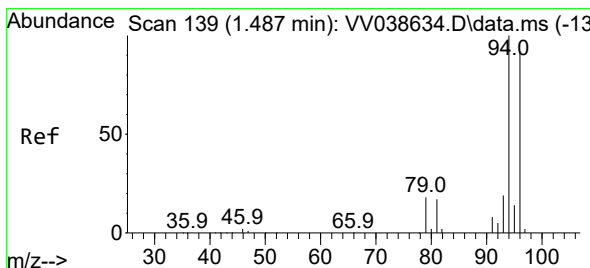
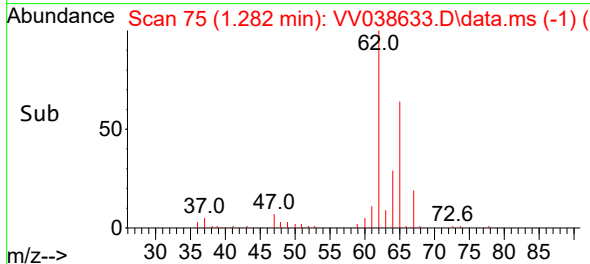
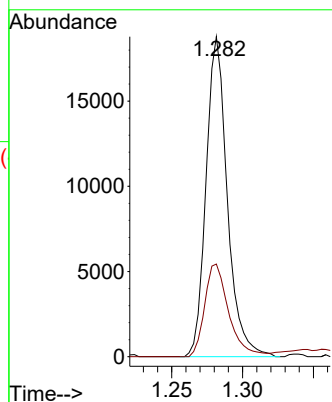
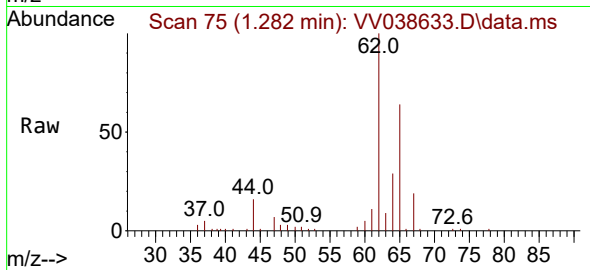




#5
 Vinyl chloride
 Concen: 1.03 ug/L
 RT: 1.282 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV038633.D
 Acq: 06 Feb 2025 15:17

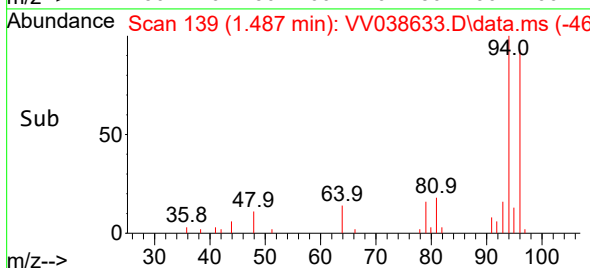
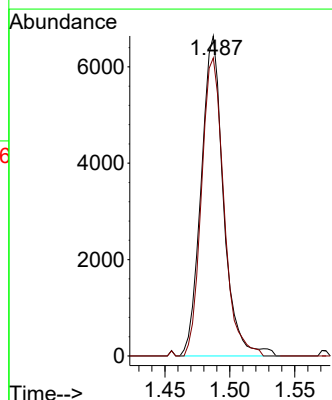
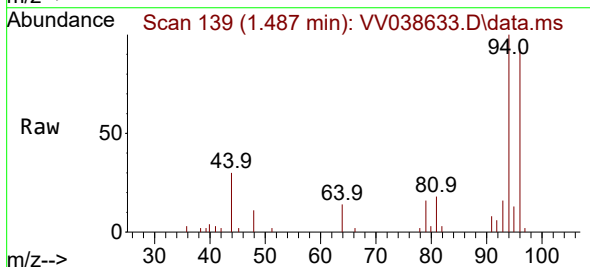
Instrument :
 MSVOA_V
 ClientSampleId :

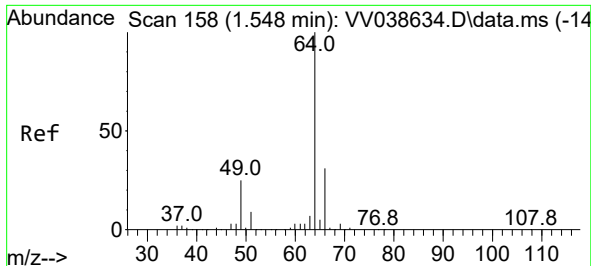
Tgt Ion: 62 Resp: 19599
 Ion Ratio Lower Upper
 62 100
 64 29.0 25.0 46.4



#6
 Bromomethane
 Concen: 0.85 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV038633.D
 Acq: 06 Feb 2025 15:17

Tgt Ion: 94 Resp: 7940
 Ion Ratio Lower Upper
 94 100
 96 93.1 64.3 119.3

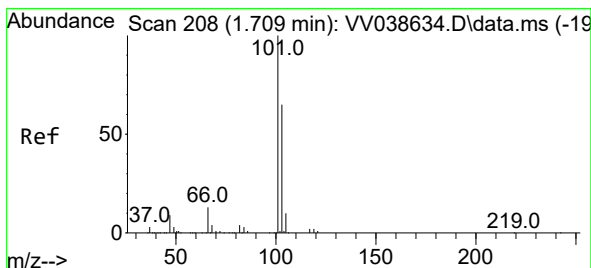
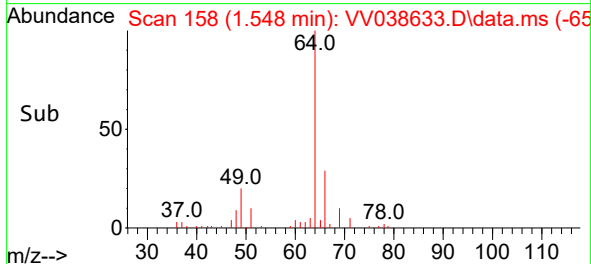
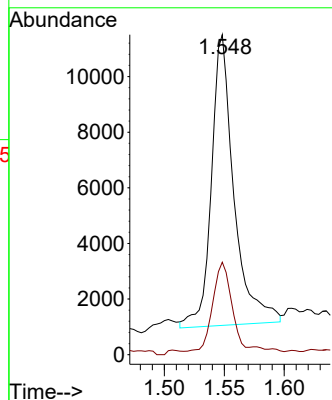
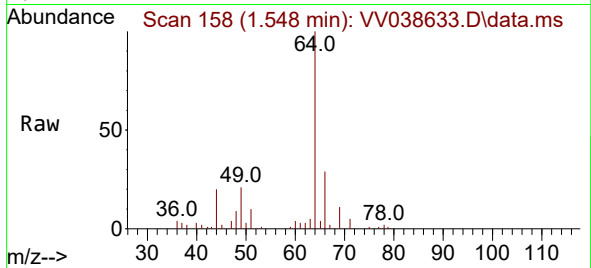




#8
Chloroethane
Concen: 1.20 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038633.D
Acq: 06 Feb 2025 15:17

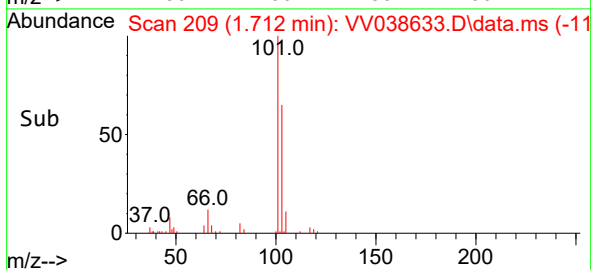
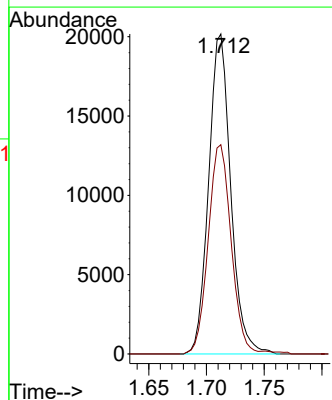
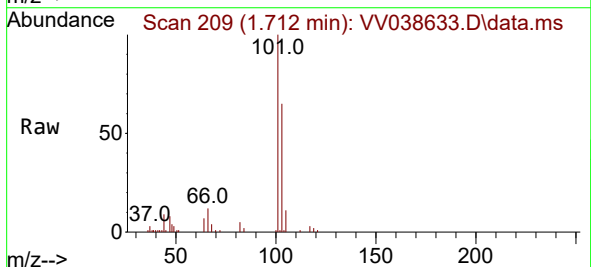
Instrument :
MSVOA_V
ClientSampleId :

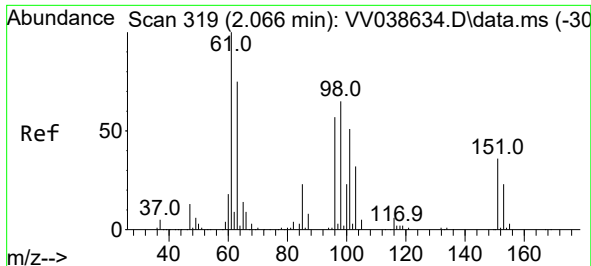
Tgt Ion: 64 Resp: 13681
Ion Ratio Lower Upper
64 100
66 28.9 20.9 38.7



#9
Trichlorofluoromethane
Concen: 1.10 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.003 min
Lab File: VV038633.D
Acq: 06 Feb 2025 15:17

Tgt Ion:101 Resp: 26818
Ion Ratio Lower Upper
101 100
103 68.4 52.4 78.6

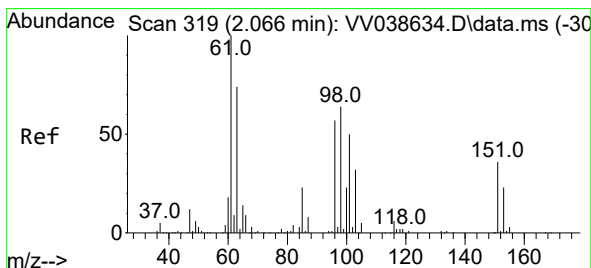
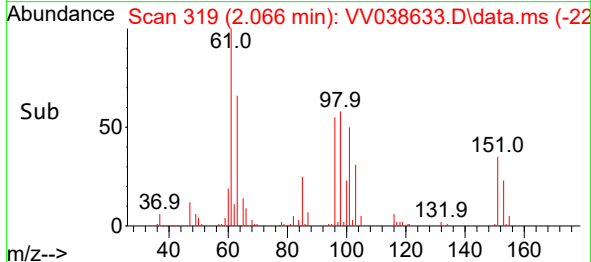
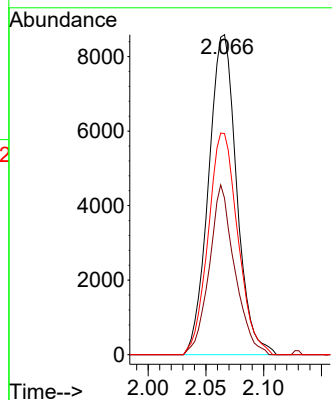
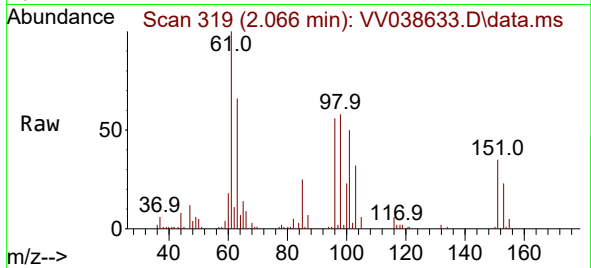




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.05 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV038633.D
 Acq: 06 Feb 2025 15:17

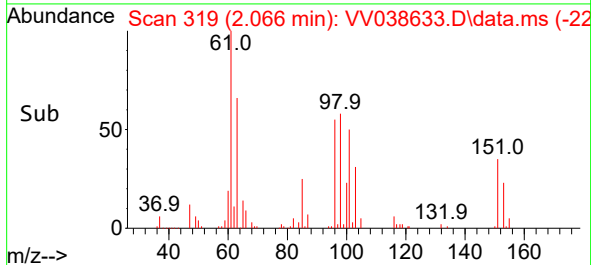
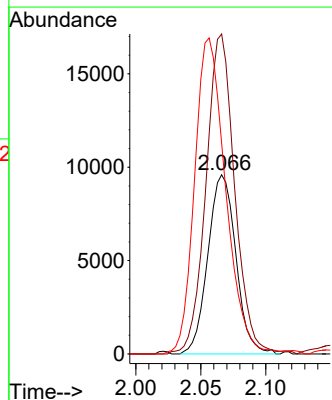
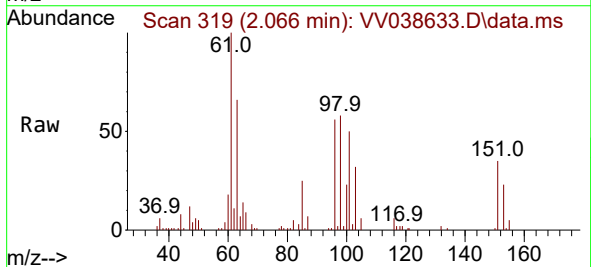
Instrument :
 MSVOA_V
 ClientSampleId :

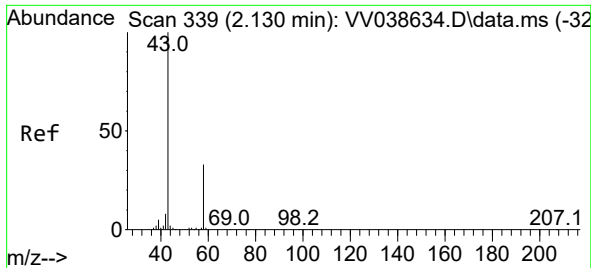
Tgt Ion:101 Resp: 14537
 Ion Ratio Lower Upper
 101 100
 85 48.0 35.0 52.4
 151 73.2 55.1 82.7



#12
 1,1-Dichloroethene
 Concen: 1.05 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV038633.D
 Acq: 06 Feb 2025 15:17

Tgt Ion: 96 Resp: 14378
 Ion Ratio Lower Upper
 96 100
 61 178.6 122.8 228.1
 63 117.6 92.0 170.8

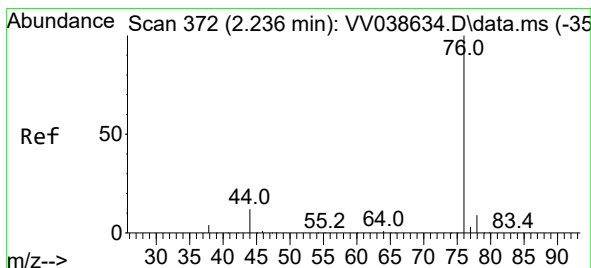
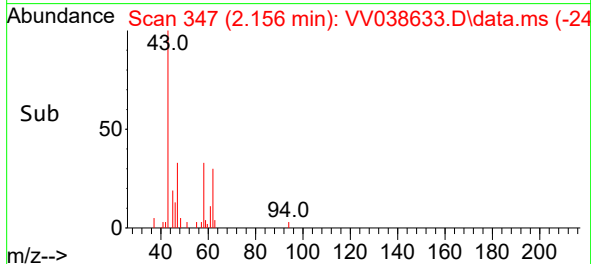
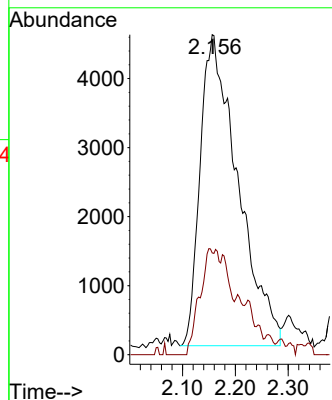
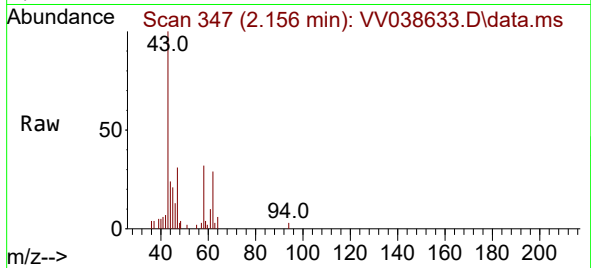




#13
Acetone
Concen: 10.11 ug/L
RT: 2.156 min Scan# 34
Delta R.T. 0.026 min
Lab File: VV038633.D
Acq: 06 Feb 2025 15:17

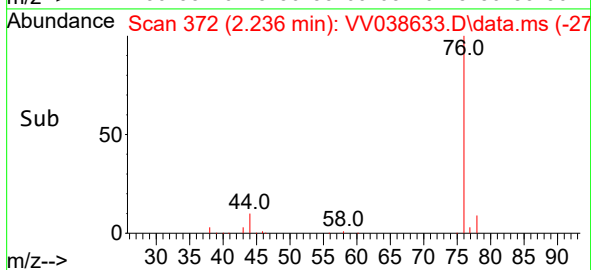
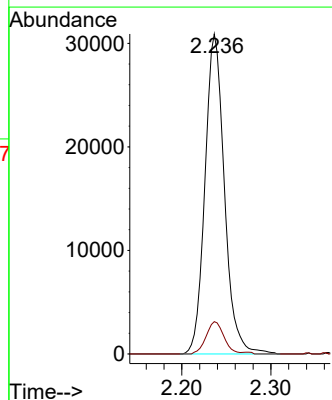
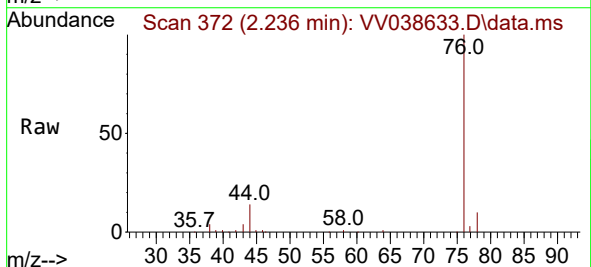
Instrument :
MSVOA_V
ClientSampleId :

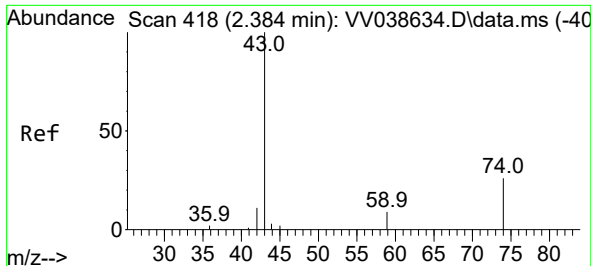
Tgt Ion: 43 Resp: 22286
Ion Ratio Lower Upper
43 100
58 12.8 0.0 67.4



#14
Carbon disulfide
Concen: 1.02 ug/L
RT: 2.236 min Scan# 372
Delta R.T. 0.000 min
Lab File: VV038633.D
Acq: 06 Feb 2025 15:17

Tgt Ion: 76 Resp: 46845
Ion Ratio Lower Upper
76 100
78 10.1 7.5 11.3

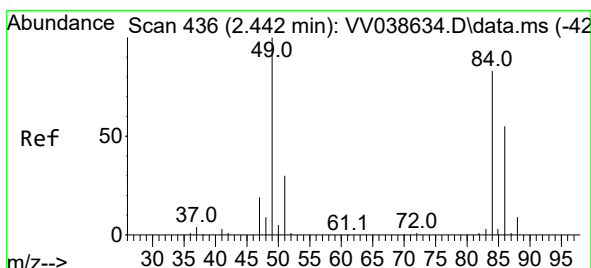
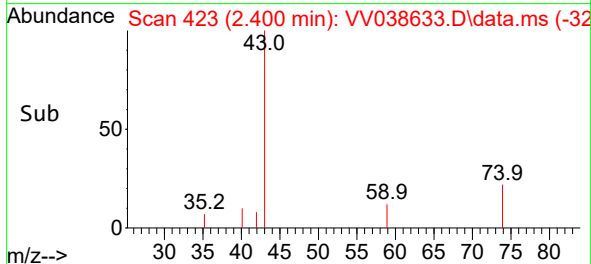
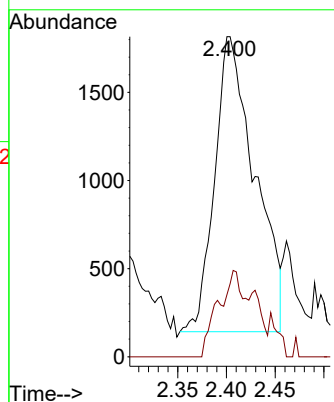
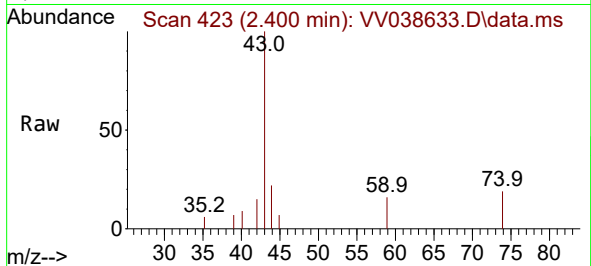




#15
Methyl Acetate
Concen: 0.85 ug/L
RT: 2.400 min Scan# 418
Delta R.T. 0.016 min
Lab File: VV038633.D
Acq: 06 Feb 2025 15:17

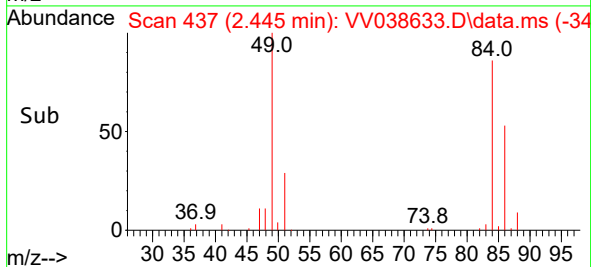
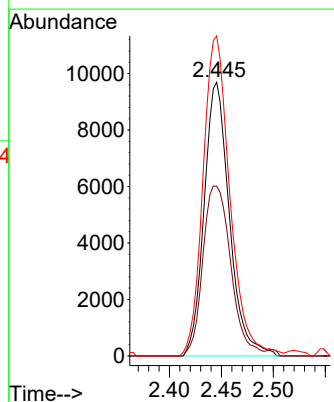
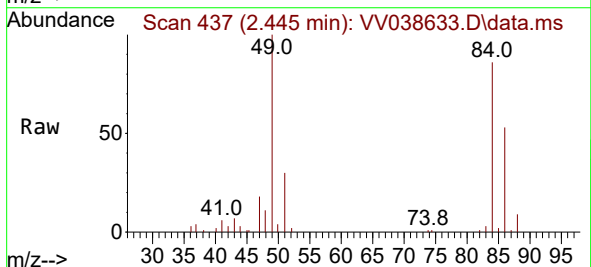
Instrument :
MSVOA_V
ClientSampleId :

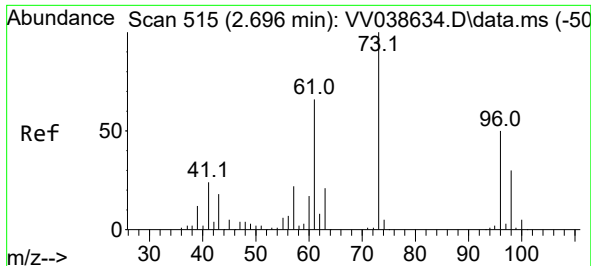
Tgt Ion: 43 Resp: 4805
Ion Ratio Lower Upper
43 100
74 12.4 18.6 27.8#



#16
Methylene chloride
Concen: 1.08 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.003 min
Lab File: VV038633.D
Acq: 06 Feb 2025 15:17

Tgt Ion: 84 Resp: 16410
Ion Ratio Lower Upper
84 100
86 62.0 46.0 85.4
49 116.9 83.9 155.9

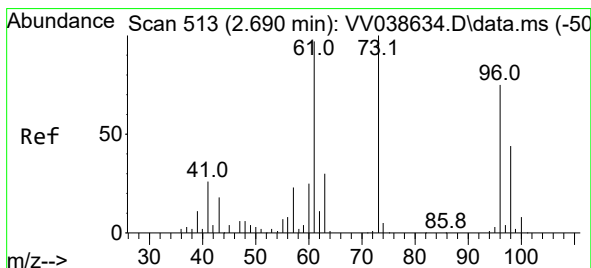
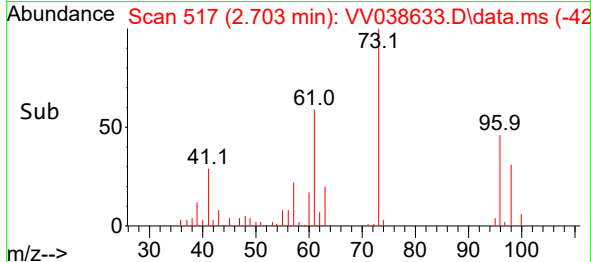
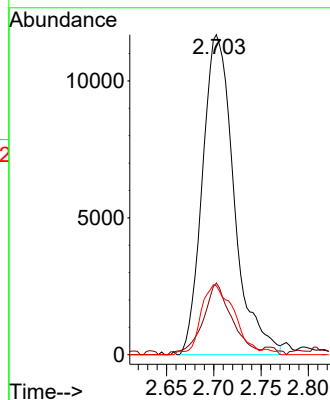
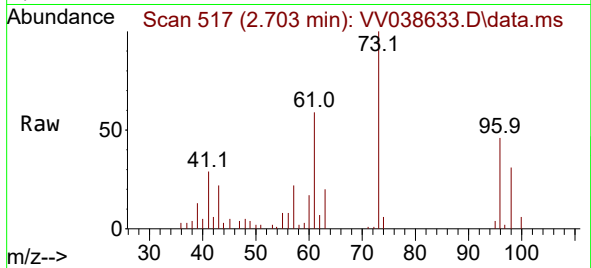




#17
Methyl tert-butyl Ether
Concen: 0.96 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.007 min
Lab File: VV038633.D
Acq: 06 Feb 2025 15:17

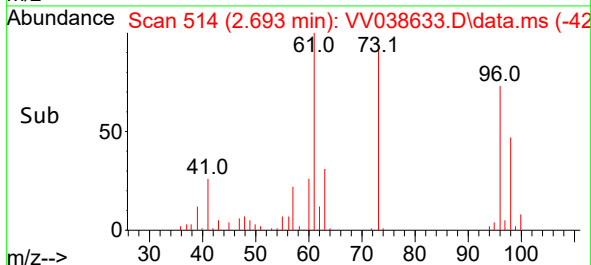
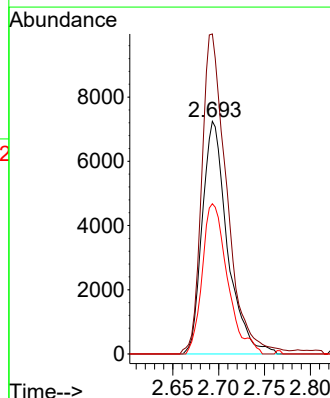
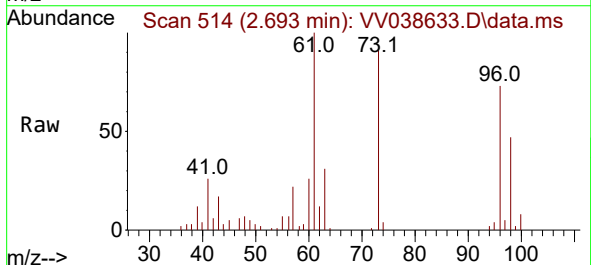
Instrument :
MSVOA_V
ClientSampleId :

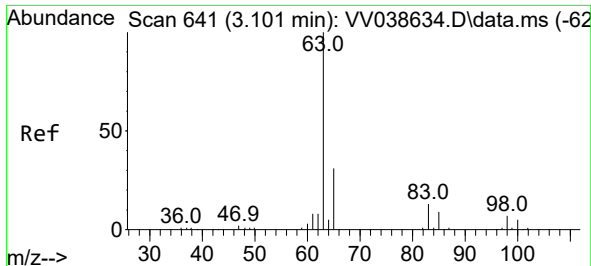
Tgt Ion: 73	Resp: 27167
Ion Ratio	Lower Upper
73 100	
43 20.5	14.6 22.0
57 22.9	18.2 27.2



#18
trans-1,2-Dichloroethene
Concen: 0.98 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.003 min
Lab File: VV038633.D
Acq: 06 Feb 2025 15:17

Tgt Ion: 96	Resp: 13792
Ion Ratio	Lower Upper
96 100	
61 137.6	91.4 169.8
98 64.6	41.6 77.2





#19

1,1-Dichloroethane

Concen: 1.01 ug/L

RT: 3.108 min Scan# 64

Delta R.T. 0.007 min

Lab File: VV038633.D

Acq: 06 Feb 2025 15:17

Instrument :

MSVOA_V

ClientSampleId :

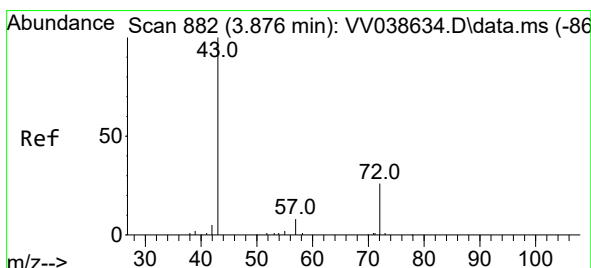
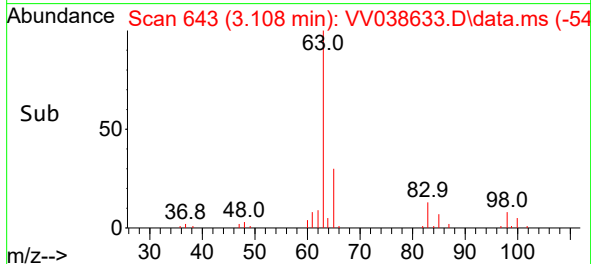
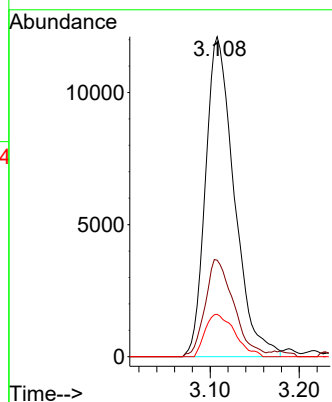
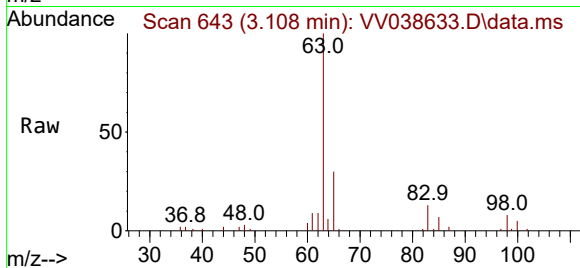
Tgt Ion: 63 Resp: 27064

Ion Ratio Lower Upper

63 100

65 30.2 21.8 40.4

83 13.2 9.2 17.2



#21

2-Butanone

Concen: 3.54 ug/L

RT: 3.953 min Scan# 906

Delta R.T. 0.077 min

Lab File: VV038633.D

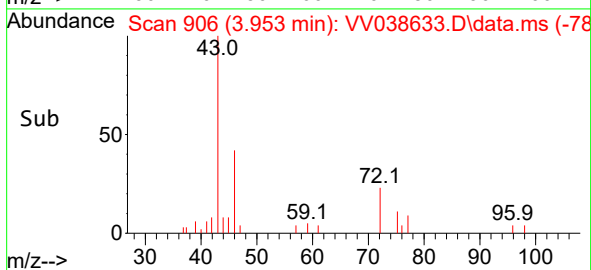
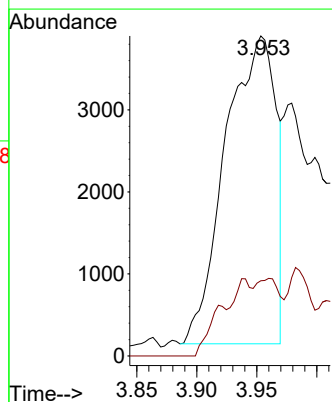
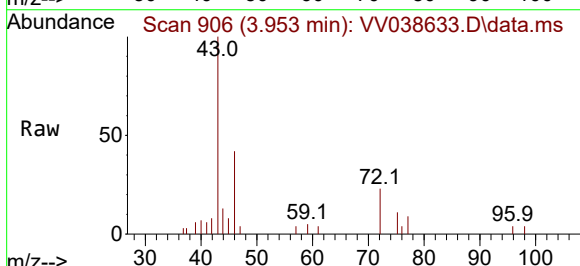
Acq: 06 Feb 2025 15:17

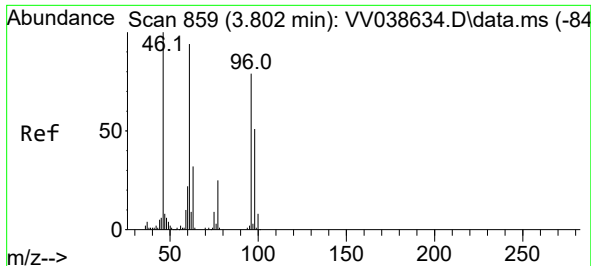
Tgt Ion: 43 Resp: 10987

Ion Ratio Lower Upper

43 100

72 9.1 11.9 35.5#





#22

cis-1,2-Dichloroethene

Concen: 0.99 ug/L

RT: 3.822 min Scan# 80

Delta R.T. 0.019 min

Lab File: VV038633.D

Acq: 06 Feb 2025 15:17

Instrument :

MSVOA_V

ClientSampleId :

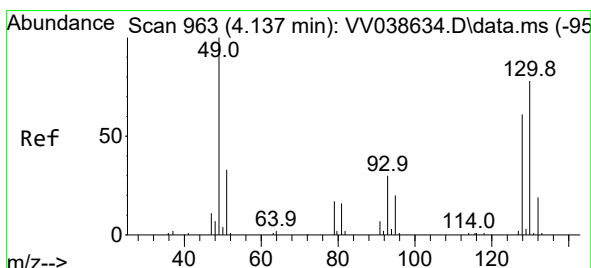
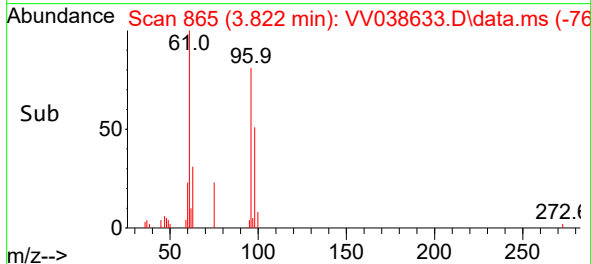
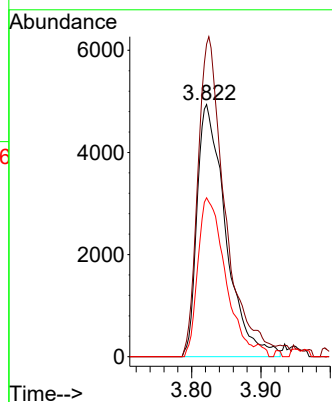
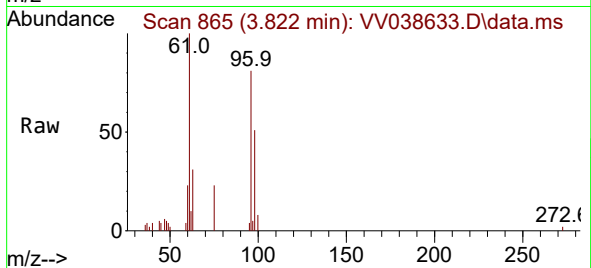
Tgt Ion: 96 Resp: 14165

Ion Ratio Lower Upper

96 100

61 124.0 83.6 155.2

98 63.0 45.6 84.8



#23

Bromochloromethane

Concen: 1.03 ug/L

RT: 4.156 min Scan# 969

Delta R.T. 0.019 min

Lab File: VV038633.D

Acq: 06 Feb 2025 15:17

Tgt Ion: 128 Resp: 6700

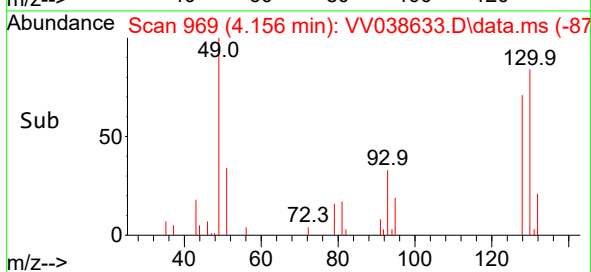
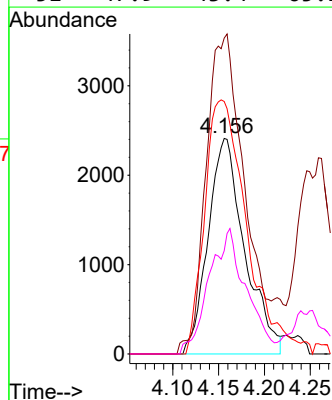
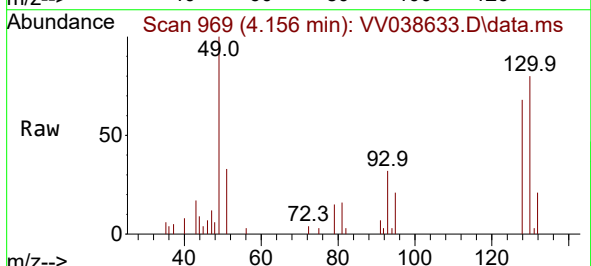
Ion Ratio Lower Upper

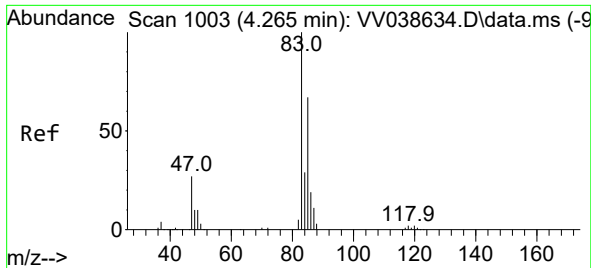
128 100

49 146.5 116.0 215.4

130 117.1 90.2 167.6

51 47.9 43.4 65.2

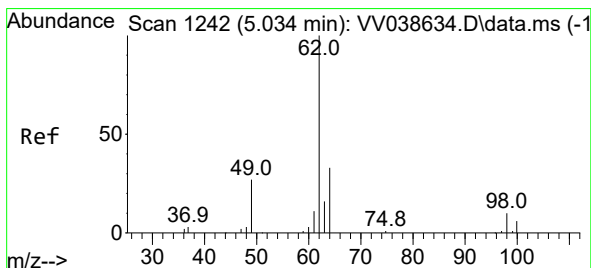
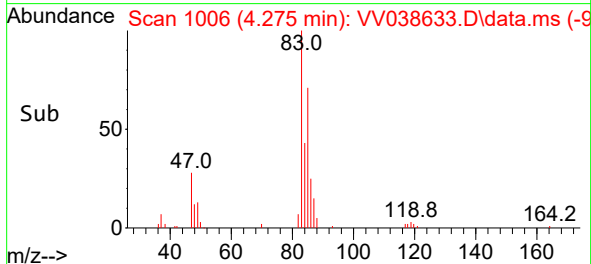
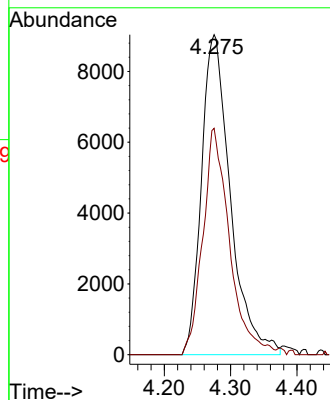
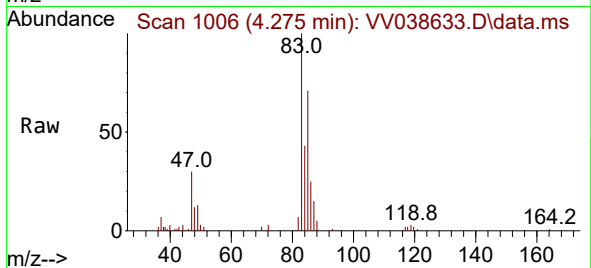




#25
Chloroform
Concen: 1.03 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. 0.010 min
Lab File: VV038633.D
Acq: 06 Feb 2025 15:17

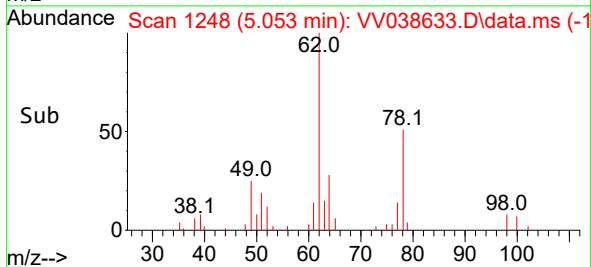
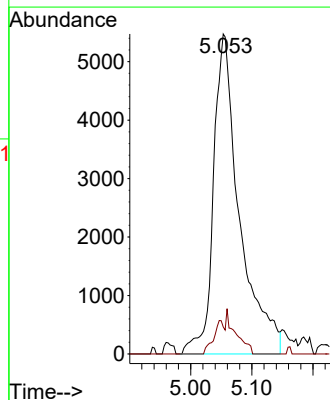
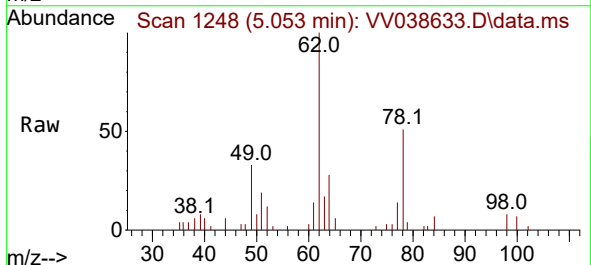
Instrument :
MSVOA_V
ClientSampleId :

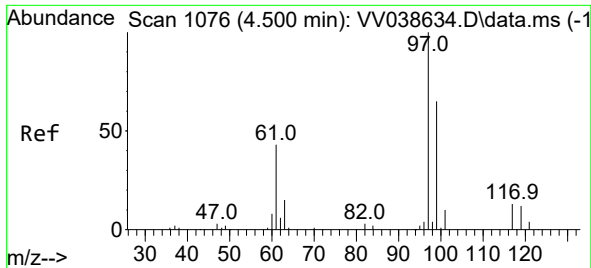
Tgt Ion: 83 Resp: 27334
Ion Ratio Lower Upper
83 100
85 70.7 47.2 87.6



#27
1,2-Dichloroethane
Concen: 1.10 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. 0.019 min
Lab File: VV038633.D
Acq: 06 Feb 2025 15:17

Tgt Ion: 62 Resp: 16170
Ion Ratio Lower Upper
62 100
98 8.4 7.7 11.5





#29

1,1,1-Trichloroethane

Concen: 1.08 ug/L

RT: 4.506 min Scan# 1076

Delta R.T. 0.007 min

Lab File: VV038633.D

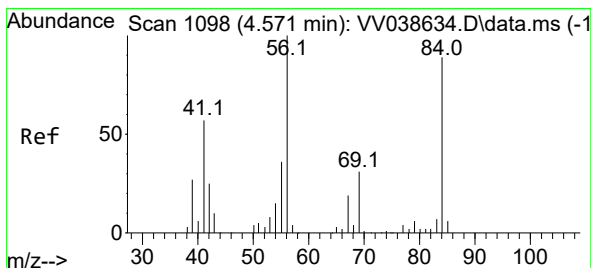
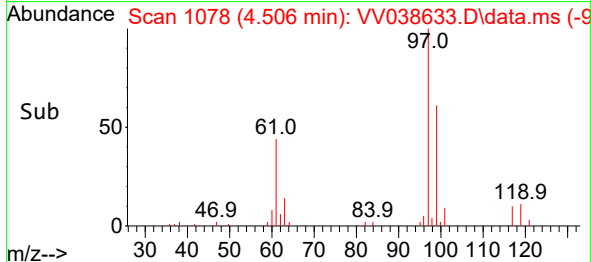
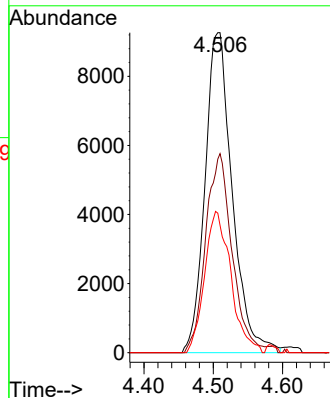
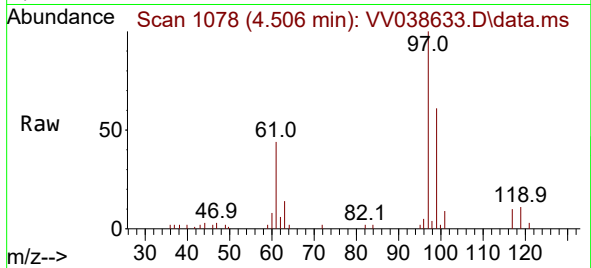
Acq: 06 Feb 2025 15:17

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97	Resp: 25312
Ion Ratio	Lower Upper
97 100	
99 60.3	50.9 76.3
61 42.5	35.8 53.6



#30

Cyclohexane

Concen: 0.88 ug/L

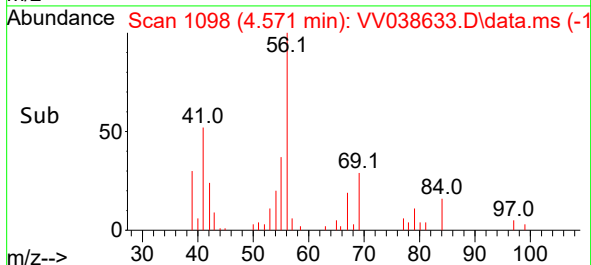
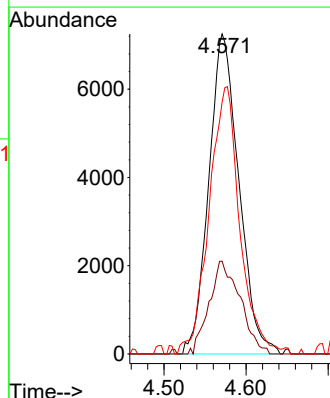
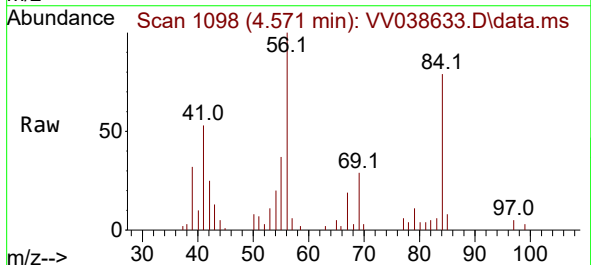
RT: 4.571 min Scan# 1098

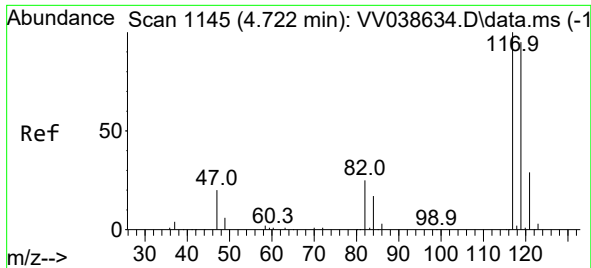
Delta R.T. 0.000 min

Lab File: VV038633.D

Acq: 06 Feb 2025 15:17

Tgt Ion: 56	Resp: 18477
Ion Ratio	Lower Upper
56 100	
69 29.9	24.0 36.0
84 84.8	72.7 109.1

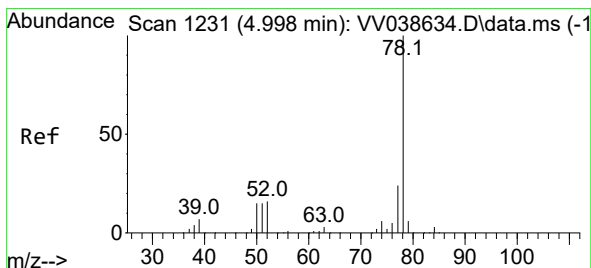
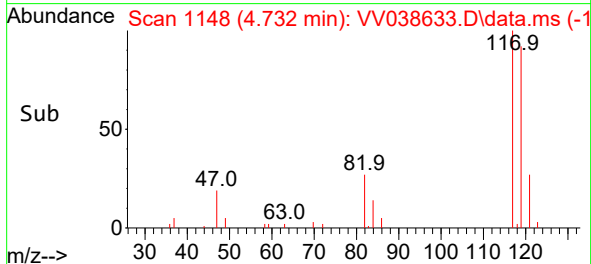
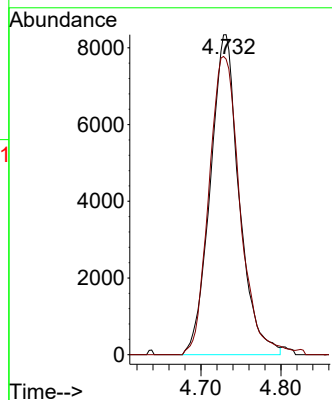
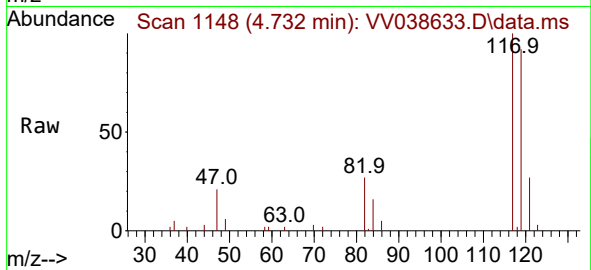




#31
Carbon tetrachloride
Concen: 1.02 ug/L
RT: 4.732 min Scan# 1145
Delta R.T. 0.010 min
Lab File: VV038633.D
Acq: 06 Feb 2025 15:17

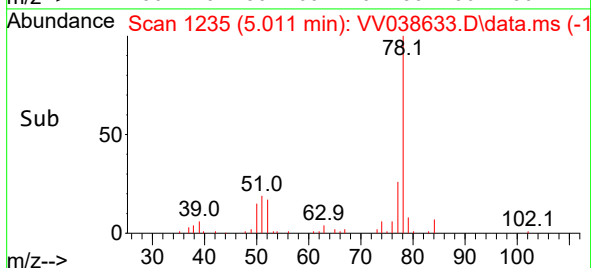
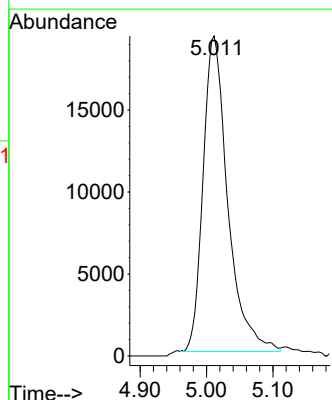
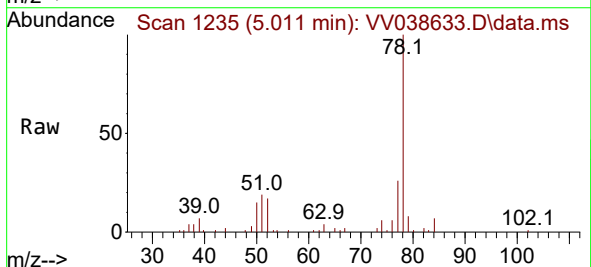
Instrument :
MSVOA_V
ClientSampleId :

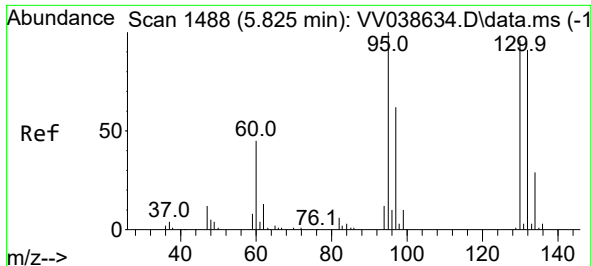
Tgt Ion:117 Resp: 20921
Ion Ratio Lower Upper
117 100
119 100.6 76.5 114.7



#33
Benzene
Concen: 0.90 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.013 min
Lab File: VV038633.D
Acq: 06 Feb 2025 15:17

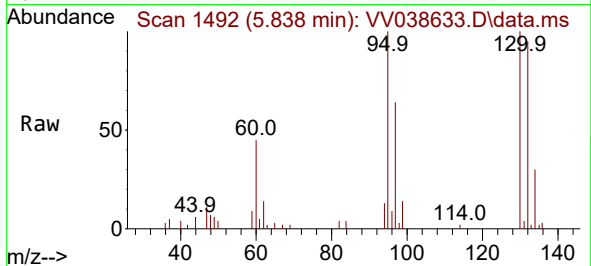
Tgt Ion: 78 Resp: 49805





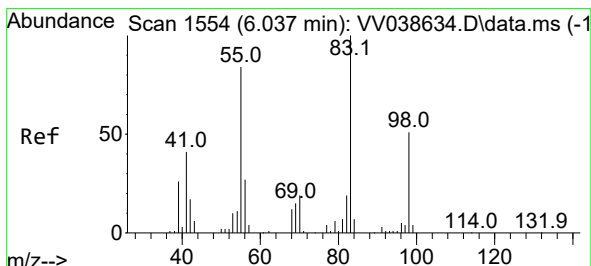
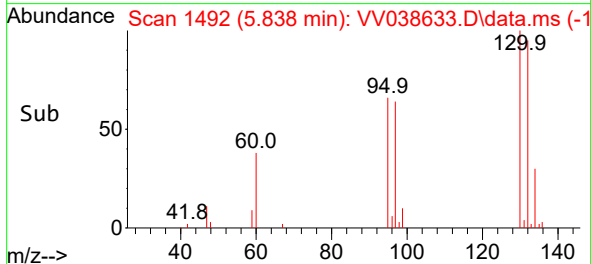
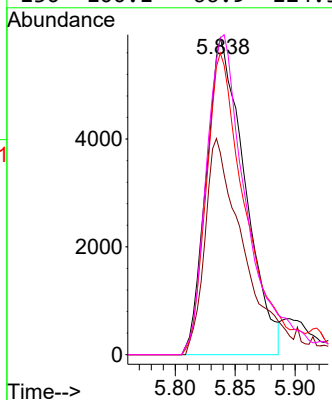
#34
Trichloroethene
Concen: 0.92 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.013 min
Lab File: VV038633.D
Acq: 06 Feb 2025 15:17

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 13125

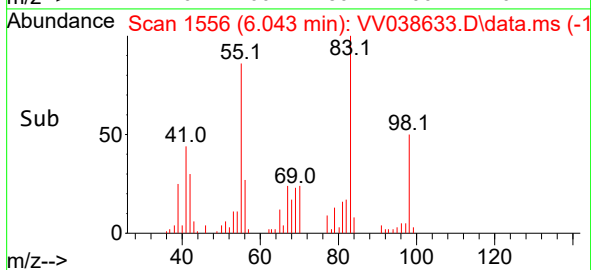
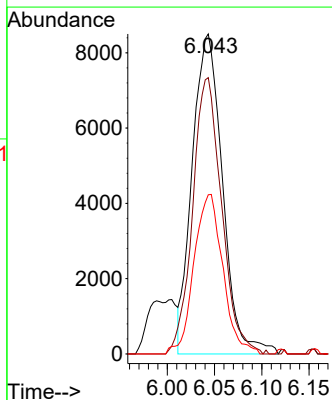
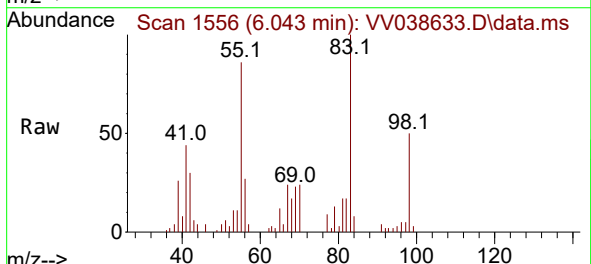
Ion	Ratio	Lower	Upper
95	100		
97	63.8	43.5	80.9
132	95.3	64.0	118.8
130	100.1	66.9	124.3

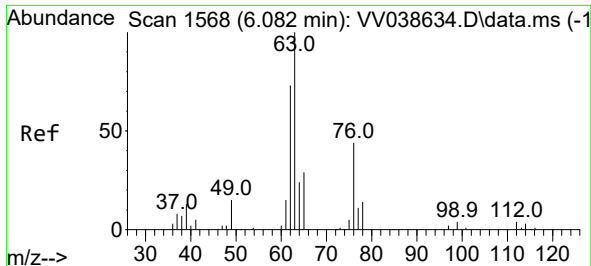


#35
Methylcyclohexane
Concen: 0.88 ug/L
RT: 6.043 min Scan# 1556
Delta R.T. 0.007 min
Lab File: VV038633.D
Acq: 06 Feb 2025 15:17

Tgt Ion: 83 Resp: 18930

Ion	Ratio	Lower	Upper
83	100		
55	82.6	62.6	94.0
98	47.6	38.7	58.1

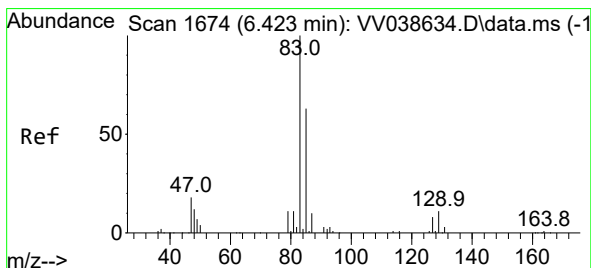
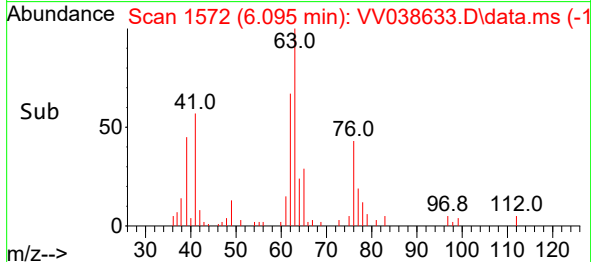
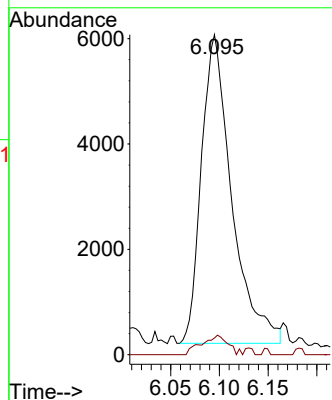
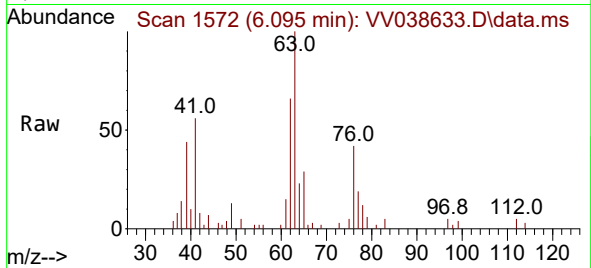




#37
1,2-Dichloropropane
Concen: 0.90 ug/L
RT: 6.095 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV038633.D
Acq: 06 Feb 2025 15:17

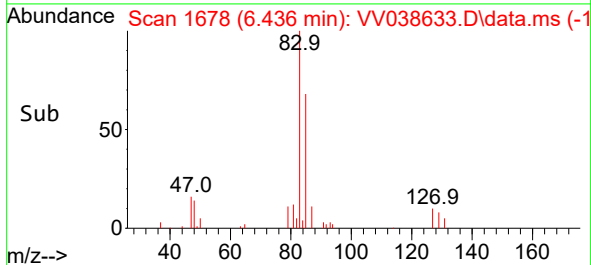
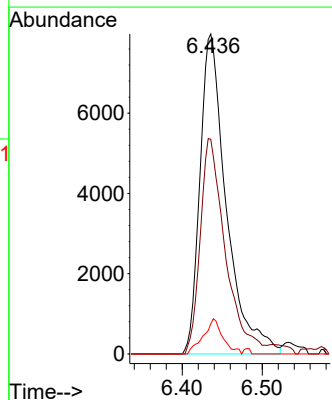
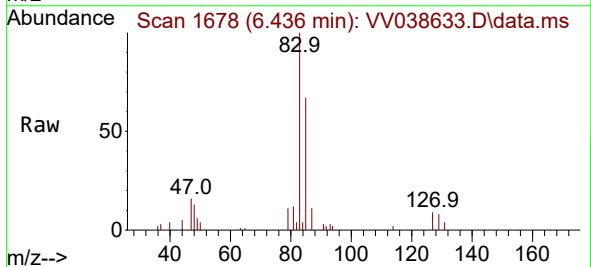
Instrument :
MSVOA_V
ClientSampleId :

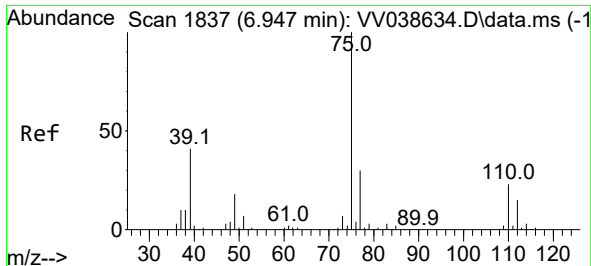
Tgt Ion: 63 Resp: 12682
Ion Ratio Lower Upper
63 100
112 5.5 3.6 5.4#



#38
Bromodichloromethane
Concen: 0.99 ug/L
RT: 6.436 min Scan# 1678
Delta R.T. 0.013 min
Lab File: VV038633.D
Acq: 06 Feb 2025 15:17

Tgt Ion: 83 Resp: 18274
Ion Ratio Lower Upper
83 100
85 67.1 44.0 81.6
127 9.4 6.2 9.4#





#39

cis-1,3-Dichloropropene

Concen: 0.84 ug/L

RT: 6.966 min Scan# 11

Delta R.T. 0.019 min

Lab File: VV038633.D

Acq: 06 Feb 2025 15:17

Instrument :

MSVOA_V

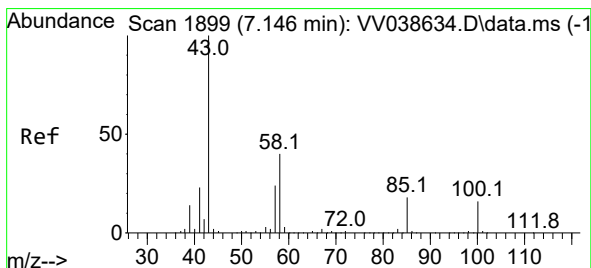
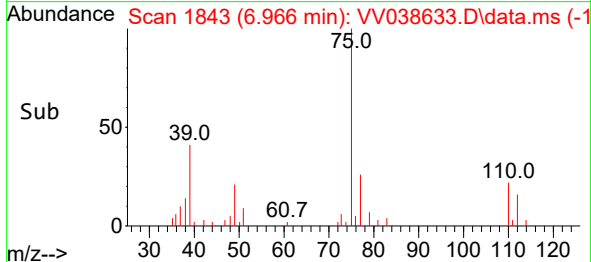
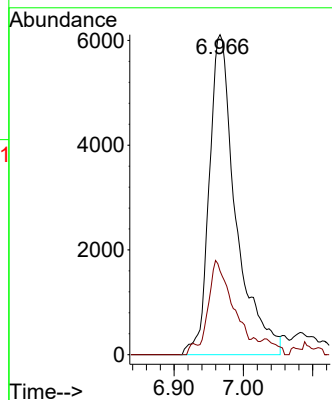
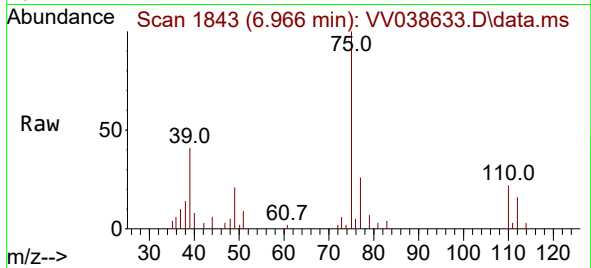
ClientSampleId :

Tgt Ion: 75 Resp: 16330

Ion Ratio Lower Upper

75 100

77 26.2 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 8.57 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.013 min

Lab File: VV038633.D

Acq: 06 Feb 2025 15:17

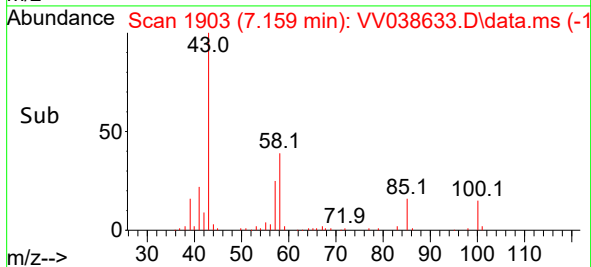
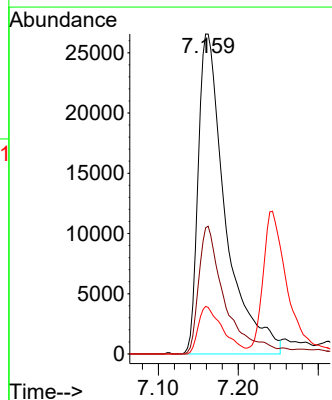
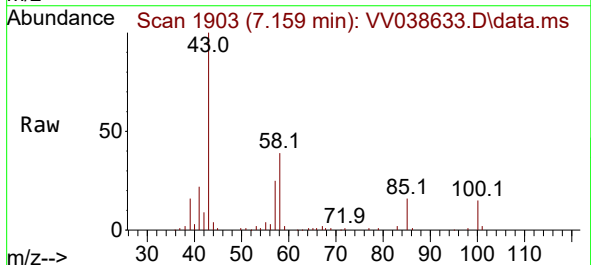
Tgt Ion: 43 Resp: 62998

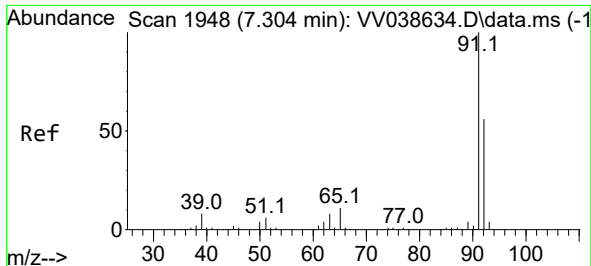
Ion Ratio Lower Upper

43 100

58 38.0 31.1 46.7

100 13.5 12.0 18.0





#42

Toluene

Concen: 0.90 ug/L

RT: 7.317 min Scan# 1948

Delta R.T. 0.013 min

Lab File: VV038633.D

Acq: 06 Feb 2025 15:17

Instrument :

MSVOA_V

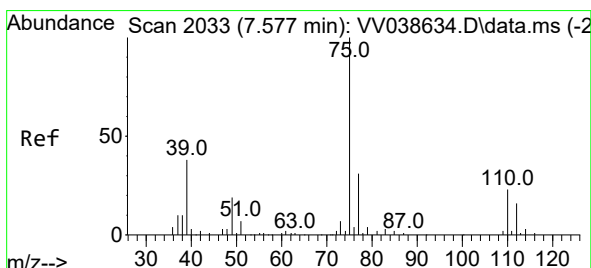
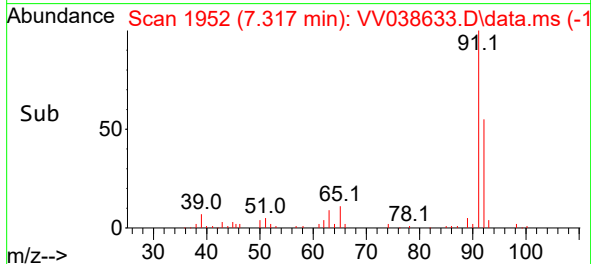
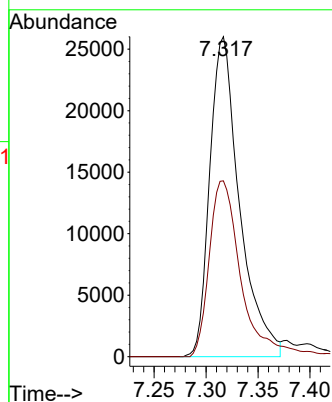
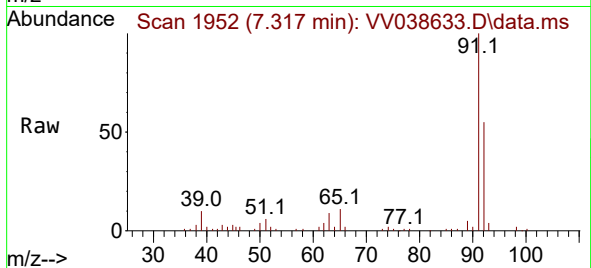
ClientSampleId :

Tgt Ion: 91 Resp: 51799

Ion Ratio Lower Upper

91 100

92 54.9 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 0.79 ug/L

RT: 7.593 min Scan# 2038

Delta R.T. 0.016 min

Lab File: VV038633.D

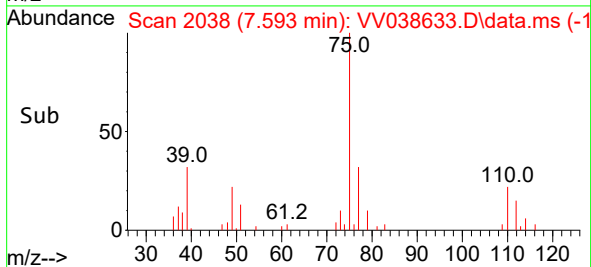
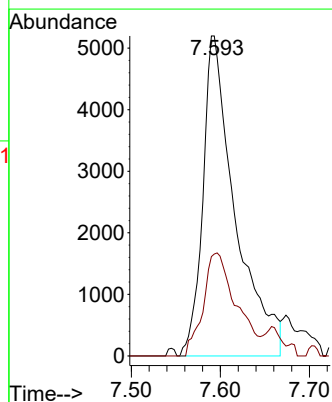
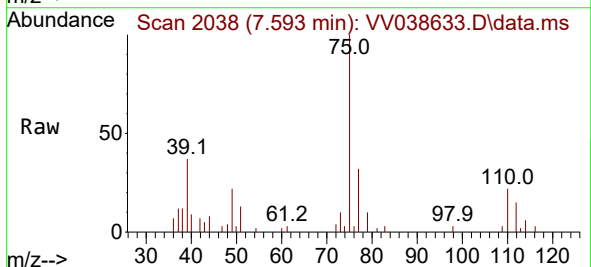
Acq: 06 Feb 2025 15:17

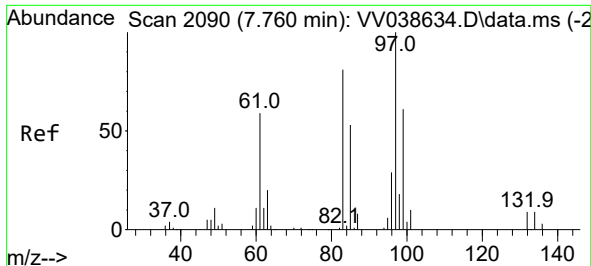
Tgt Ion: 75 Resp: 13113

Ion Ratio Lower Upper

75 100

77 31.8 21.4 39.8





#45

1,1,2-Trichloroethane

Concen: 1.04 ug/L

RT: 7.773 min Scan# 2094

Delta R.T. 0.013 min

Lab File: VV038633.D

Acq: 06 Feb 2025 15:17

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 10718

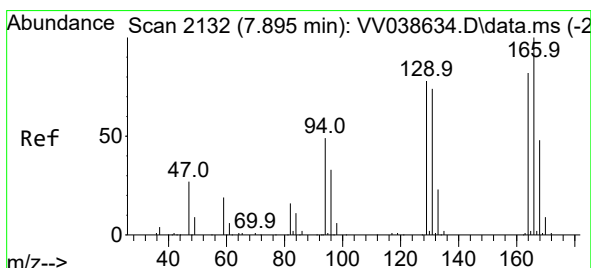
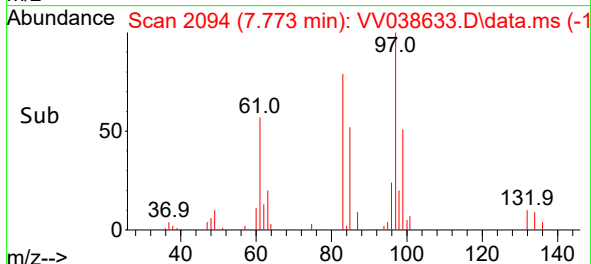
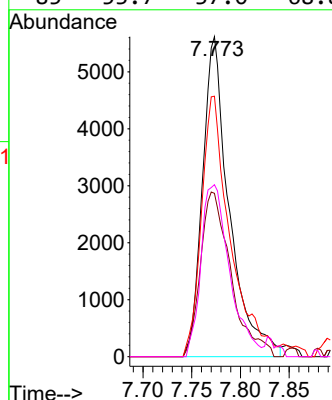
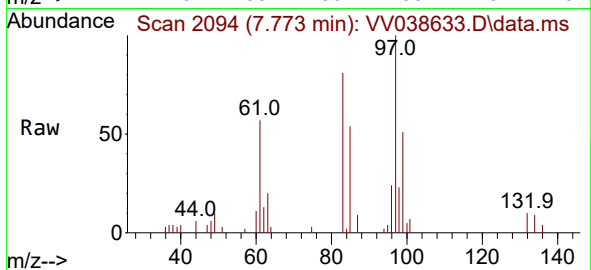
Ion Ratio Lower Upper

97 100

99 51.0 42.7 79.3

83 81.4 57.2 106.2

85 53.7 37.0 68.8



#47

Tetrachloroethene

Concen: 0.94 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.007 min

Lab File: VV038633.D

Acq: 06 Feb 2025 15:17

Tgt Ion: 164 Resp: 10428

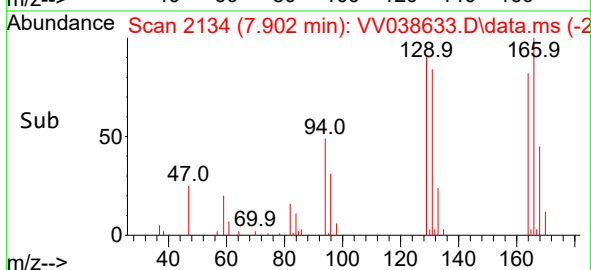
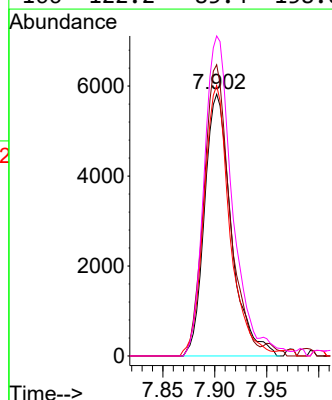
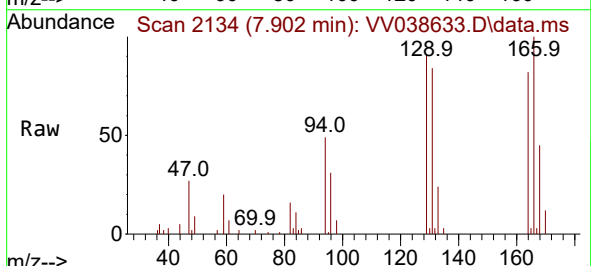
Ion Ratio Lower Upper

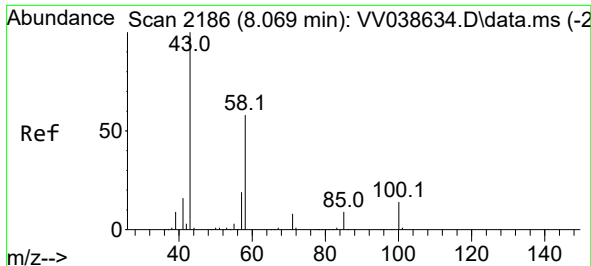
164 100

129 111.2 66.3 123.1

131 103.3 63.2 117.4

166 122.2 85.4 158.6

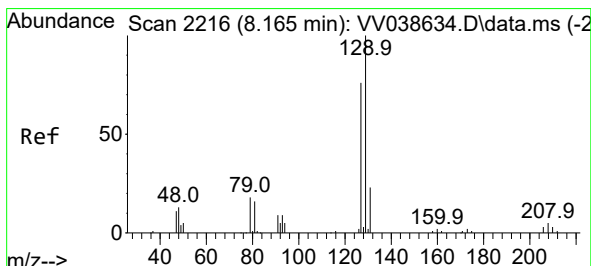
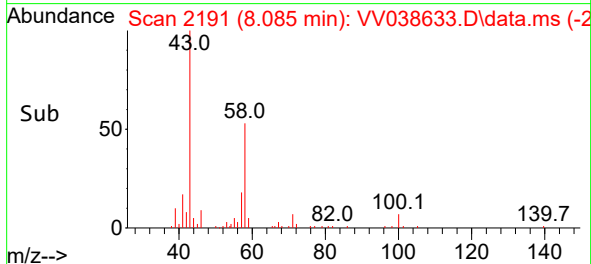
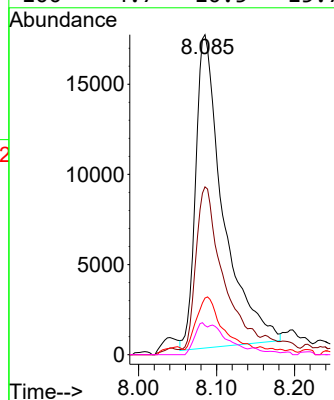
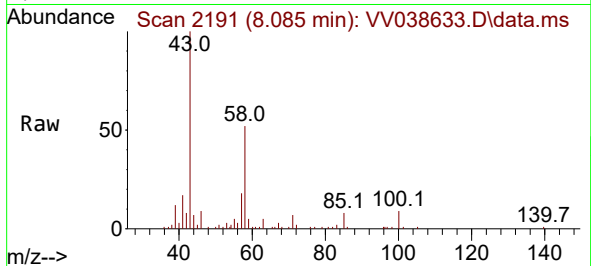




#48
2-Hexanone
Concen: 8.08 ug/L
RT: 8.085 min Scan# 2186
Delta R.T. 0.016 min
Lab File: VV038633.D
Acq: 06 Feb 2025 15:17

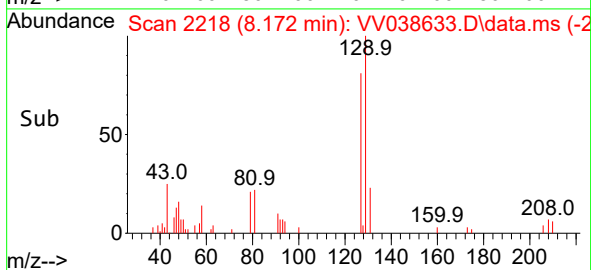
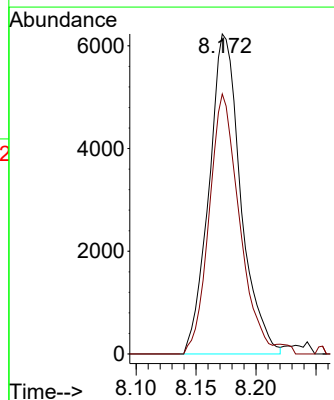
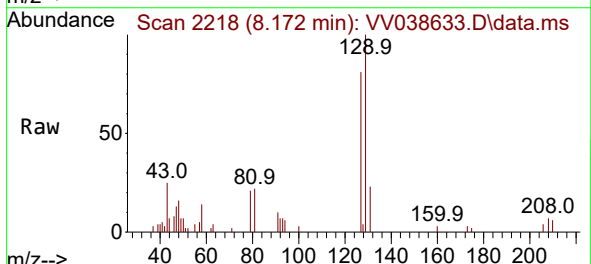
Instrument :
MSVOA_V
ClientSampleId :

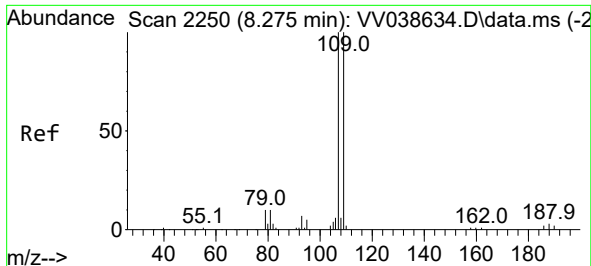
Tgt Ion: 43 Resp: 42530
Ion Ratio Lower Upper
43 100
58 51.0 46.1 69.1
57 16.3 15.0 22.6
100 4.7 10.5 15.7#



#49
Dibromochloromethane
Concen: 0.97 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.007 min
Lab File: VV038633.D
Acq: 06 Feb 2025 15:17

Tgt Ion: 129 Resp: 11465
Ion Ratio Lower Upper
129 100
127 81.2 53.5 99.3





#50

1,2-Dibromoethane

Concen: 1.04 ug/L

RT: 8.288 min Scan# 21

Delta R.T. 0.013 min

Lab File: VV038633.D

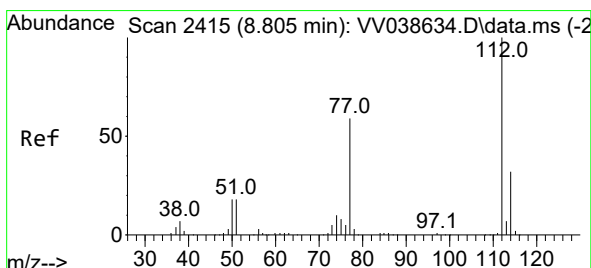
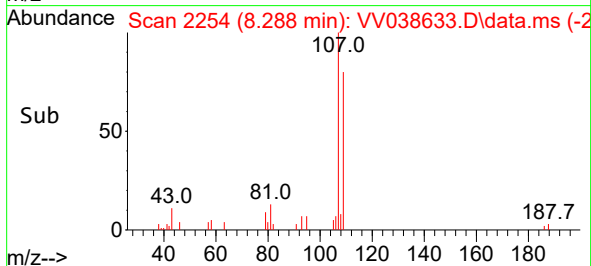
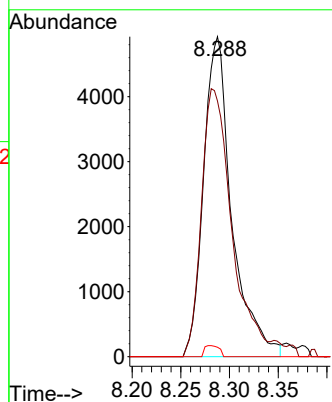
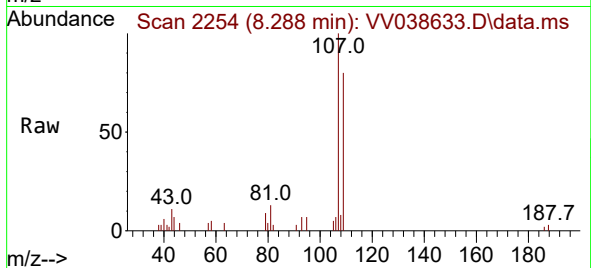
Acq: 06 Feb 2025 15:17

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	9917
Ion	Ratio	Lower	Upper
107	100		
109	79.9	70.2	130.4
188	2.9	2.8	4.2



#51

Chlorobenzene

Concen: 0.94 ug/L

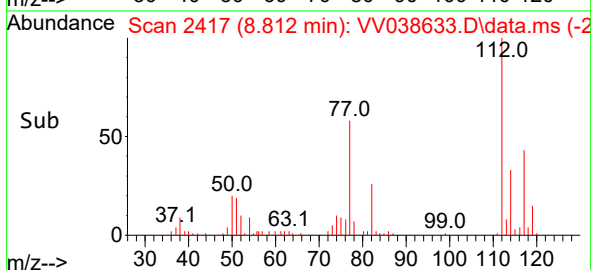
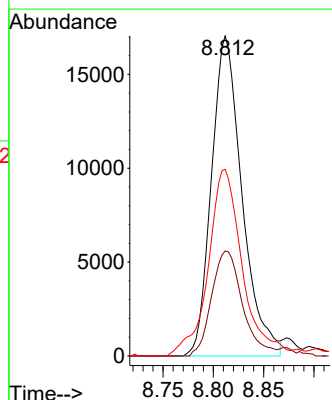
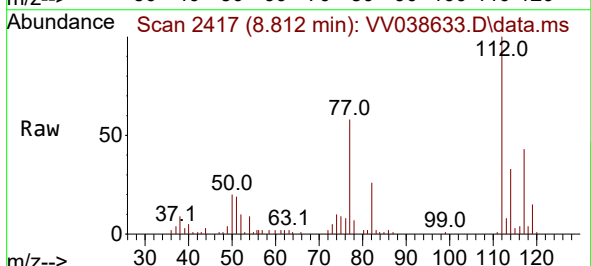
RT: 8.812 min Scan# 2417

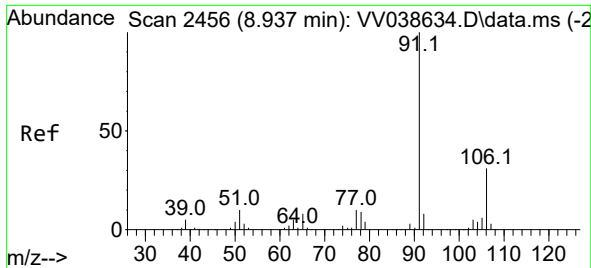
Delta R.T. 0.007 min

Lab File: VV038633.D

Acq: 06 Feb 2025 15:17

Tgt Ion:	112	Resp:	36063
Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.6	42.0
77	58.3	47.0	70.6

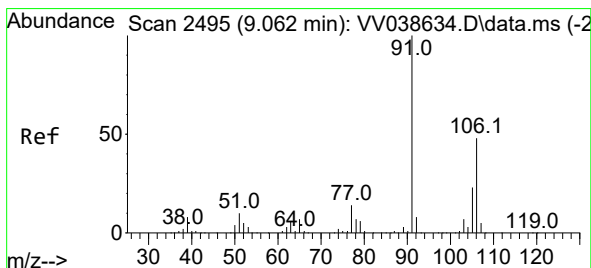
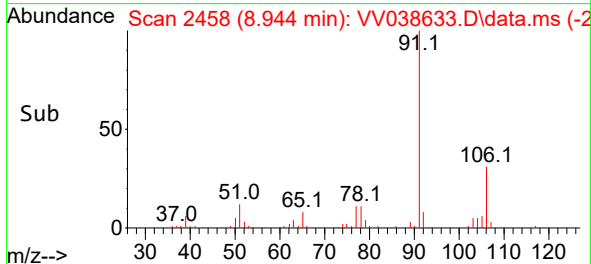
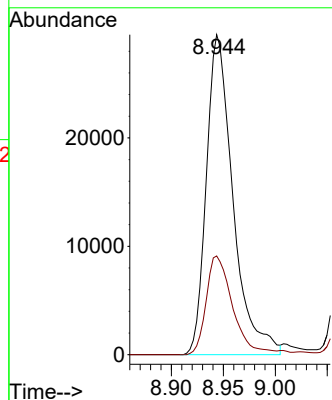
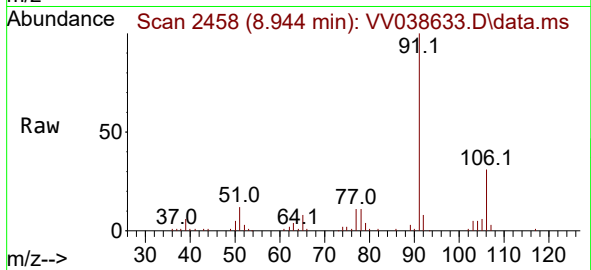




#52
Ethylbenzene
Concen: 0.85 ug/L
RT: 8.944 min Scan# 2456
Delta R.T. 0.007 min
Lab File: VV038633.D
Acq: 06 Feb 2025 15:17

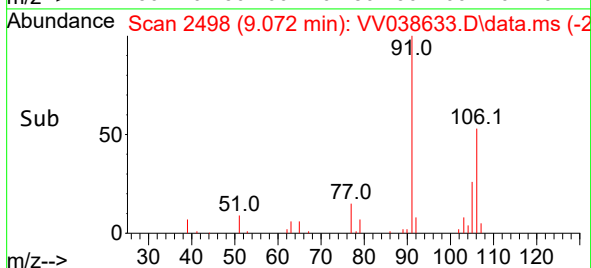
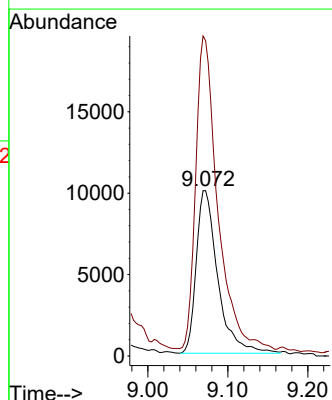
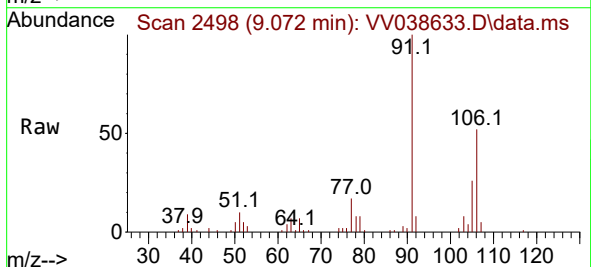
Instrument :
MSVOA_V
ClientSampleId :

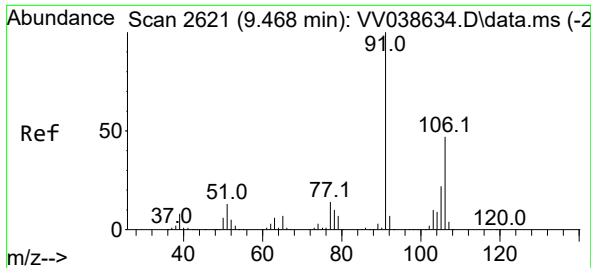
Tgt Ion: 91 Resp: 52517
Ion Ratio Lower Upper
91 100
106 30.8 21.3 39.6



#53
m,p-Xylene
Concen: 0.80 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.010 min
Lab File: VV038633.D
Acq: 06 Feb 2025 15:17

Tgt Ion: 106 Resp: 18718
Ion Ratio Lower Upper
106 100
91 190.7 146.3 271.7

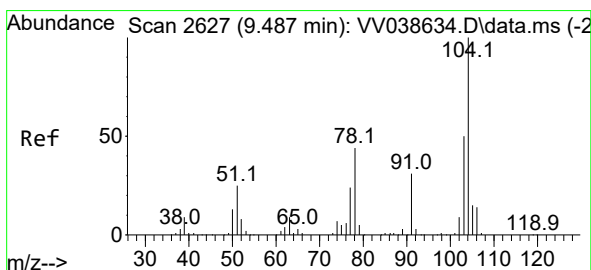
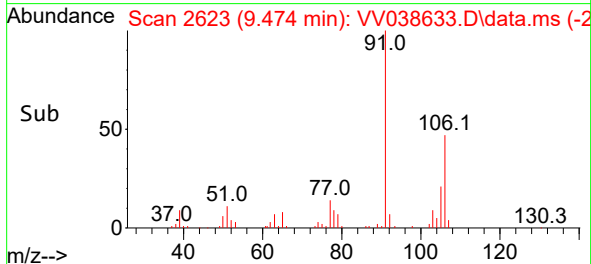
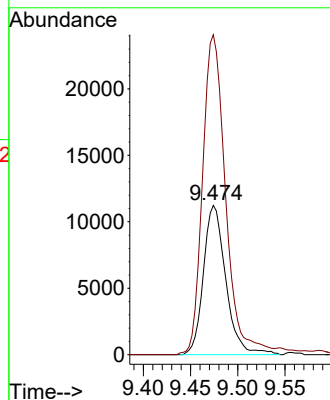
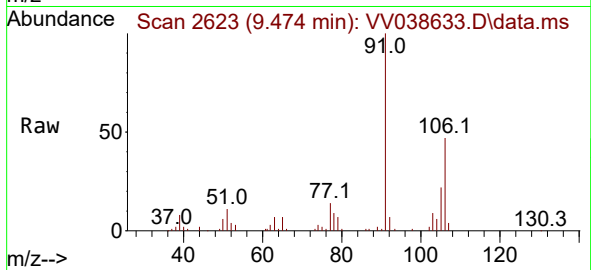




#54
o-Xylene
Concen: 0.83 ug/L
RT: 9.474 min Scan# 2621
Delta R.T. 0.007 min
Lab File: VV038633.D
Acq: 06 Feb 2025 15:17

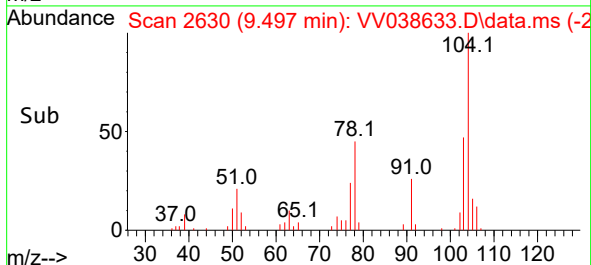
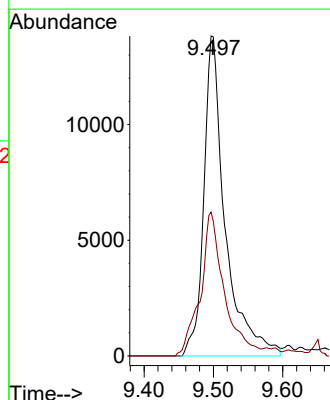
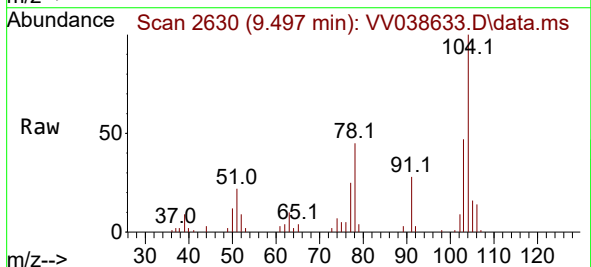
Instrument :
MSVOA_V
ClientSampleId :

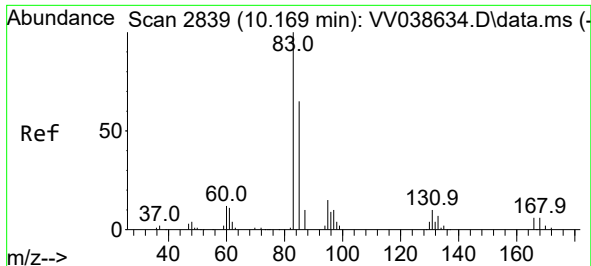
Tgt Ion:106 Resp: 18505
Ion Ratio Lower Upper
106 100
91 214.3 150.8 280.0



#55
Styrene
Concen: 0.76 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.010 min
Lab File: VV038633.D
Acq: 06 Feb 2025 15:17

Tgt Ion:104 Resp: 29571
Ion Ratio Lower Upper
104 100
78 44.9 30.5 56.7





#57

1,1,2,2-Tetrachloroethane

Concen: 1.07 ug/L

RT: 10.172 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV038633.D

Acq: 06 Feb 2025 15:17

Instrument :

MSVOA_V

ClientSampleId :

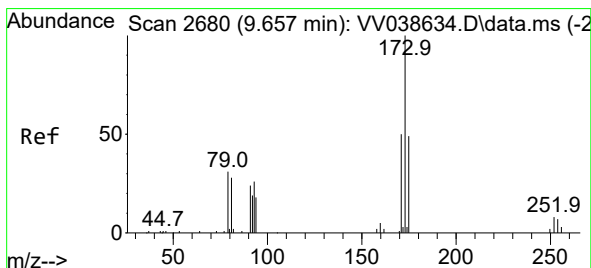
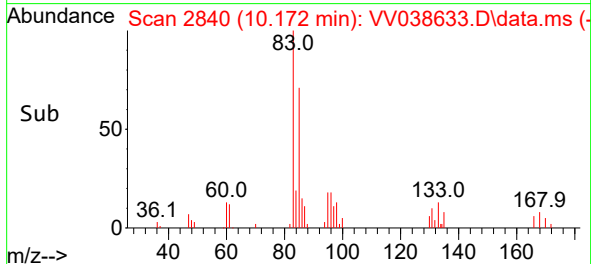
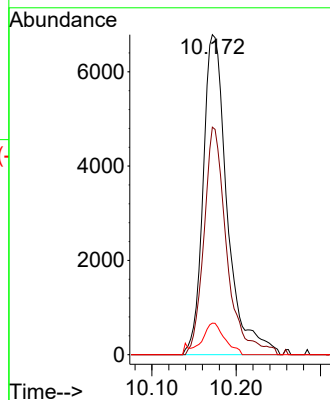
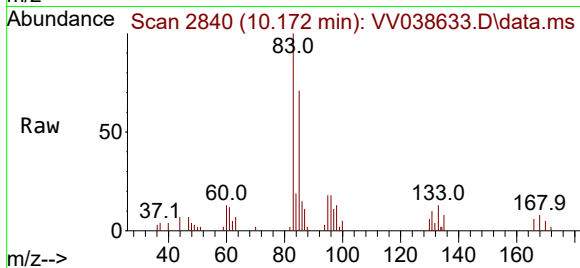
Tgt Ion: 83 Resp: 13505

Ion Ratio Lower Upper

83 100

85 71.1 46.1 85.5

131 9.9 8.5 12.7



#59

Bromoform

Concen: 1.04 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. 0.007 min

Lab File: VV038633.D

Acq: 06 Feb 2025 15:17

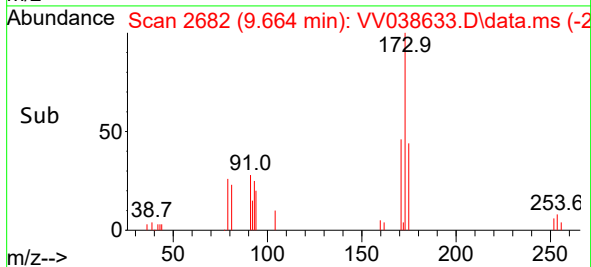
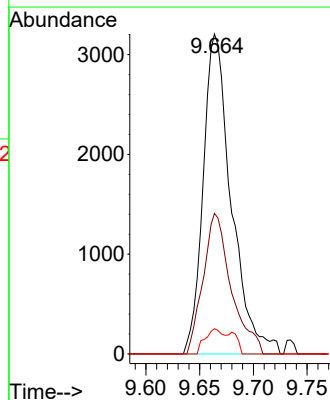
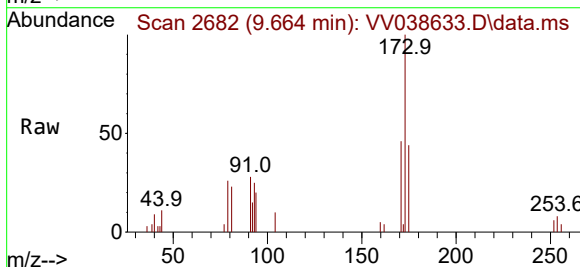
Tgt Ion: 173 Resp: 5825

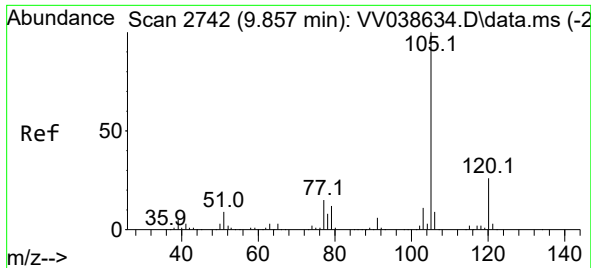
Ion Ratio Lower Upper

173 100

175 43.7 39.5 59.3

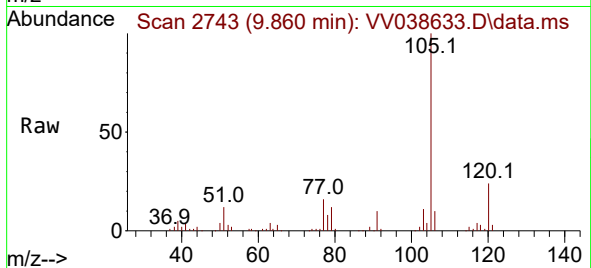
254 5.1 5.7 8.5#



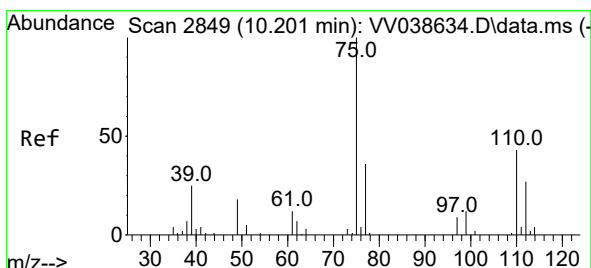
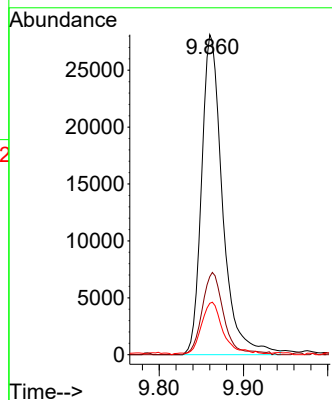
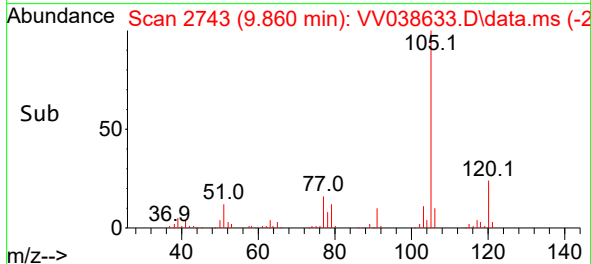


#60
Isopropylbenzene
Concen: 0.90 ug/L
RT: 9.860 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038633.D
Acq: 06 Feb 2025 15:17

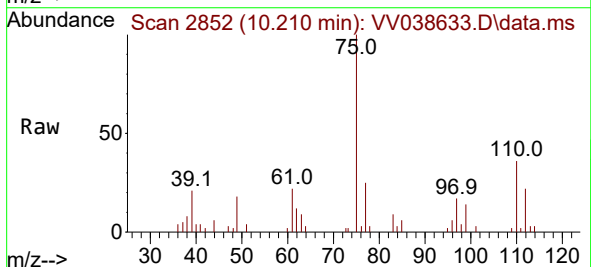
Instrument :
MSVOA_V
ClientSampleId :



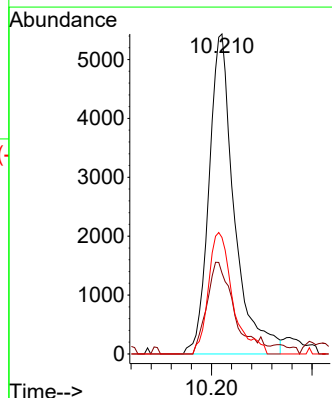
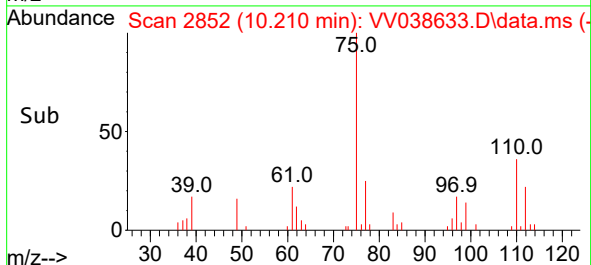
Tgt Ion:105 Resp: 48725
Ion Ratio Lower Upper
105 100
120 26.6 21.0 31.4
77 17.5 12.2 18.4

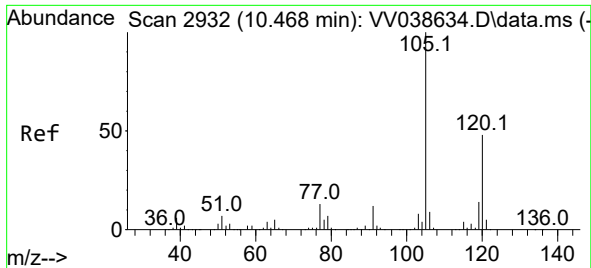


#61
1,2,3-Trichloropropane
Concen: 1.22 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.010 min
Lab File: VV038633.D
Acq: 06 Feb 2025 15:17



Tgt Ion: 75 Resp: 9477
Ion Ratio Lower Upper
75 100
77 31.5 25.5 38.3
110 36.5 30.9 46.3

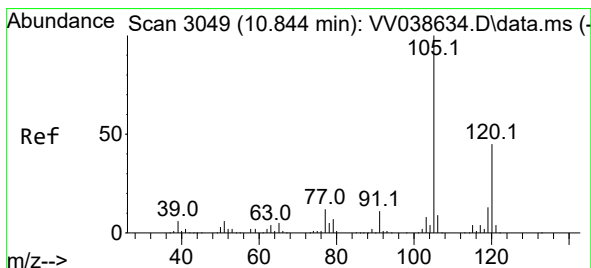
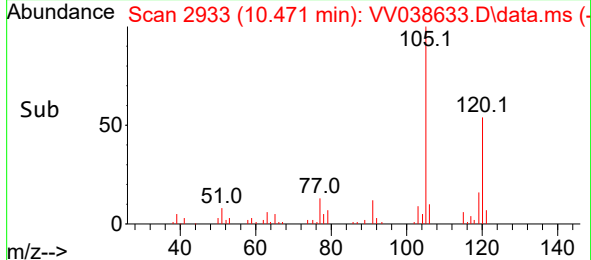
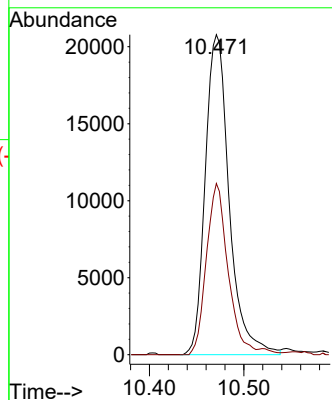
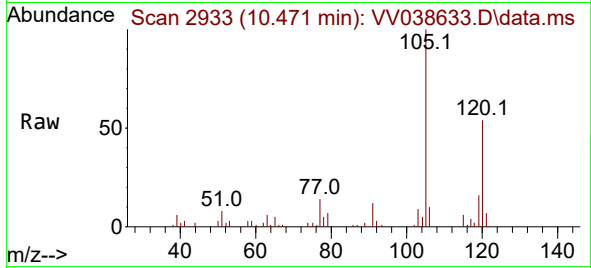




#62
1,3,5-Trimethylbenzene
Concen: 0.86 ug/L
RT: 10.471 min Scan# 2932
Delta R.T. 0.003 min
Lab File: VV038633.D
Acq: 06 Feb 2025 15:17

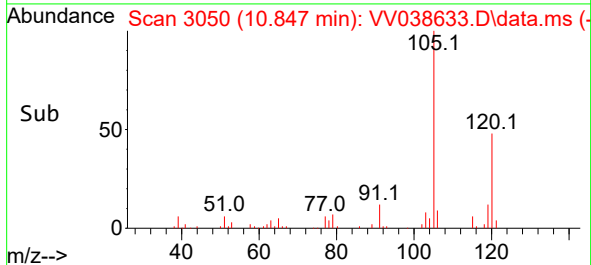
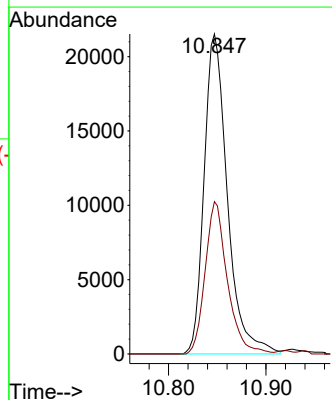
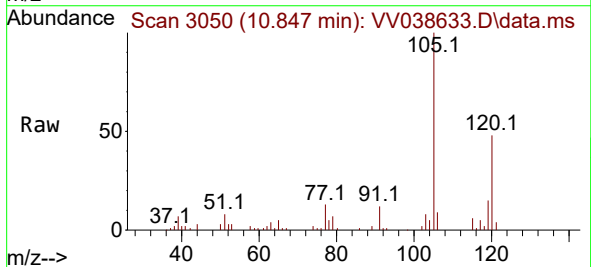
Instrument :
MSVOA_V
ClientSampleId :

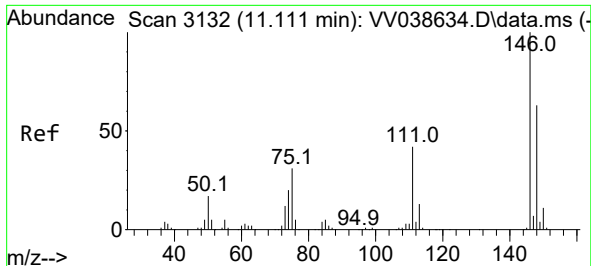
Tgt Ion:105 Resp: 36501
Ion Ratio Lower Upper
105 100
120 48.3 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 0.85 ug/L
RT: 10.847 min Scan# 3050
Delta R.T. 0.003 min
Lab File: VV038633.D
Acq: 06 Feb 2025 15:17

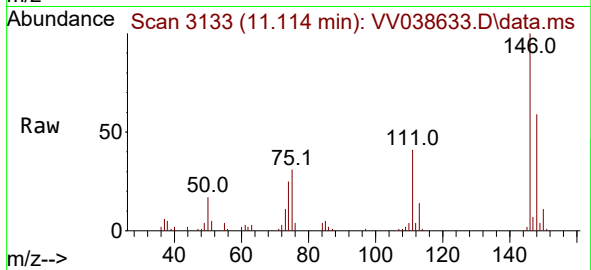
Tgt Ion:105 Resp: 35718
Ion Ratio Lower Upper
105 100
120 45.5 36.2 54.2



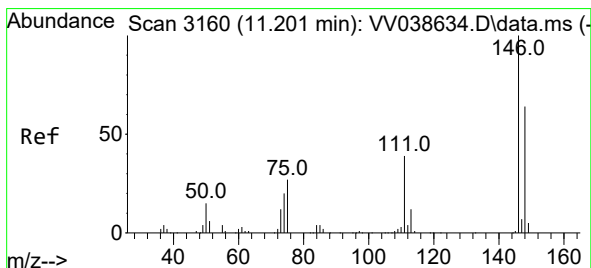
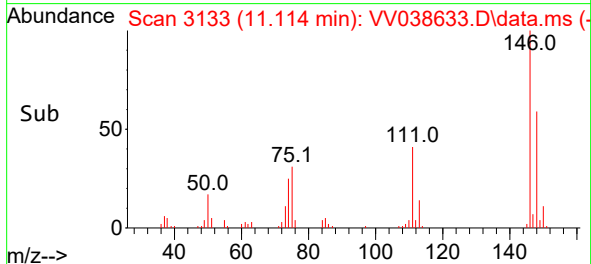
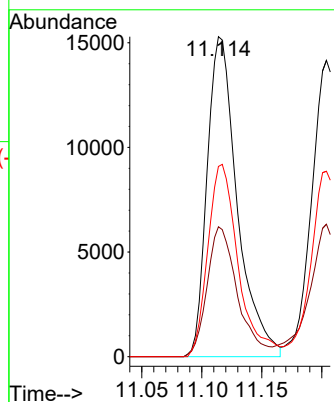


#64
1,3-Dichlorobenzene
Concen: 0.99 ug/L
RT: 11.114 min Scan# 3132
Delta R.T. 0.003 min
Lab File: VV038633.D
Acq: 06 Feb 2025 15:17

Instrument :
MSVOA_V
ClientSampleId :

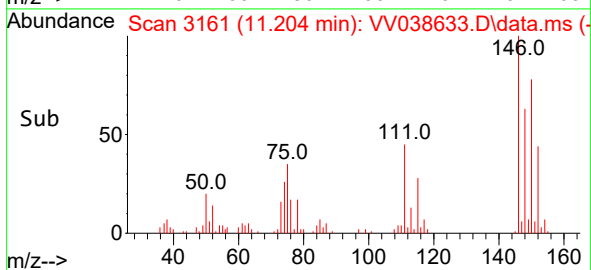
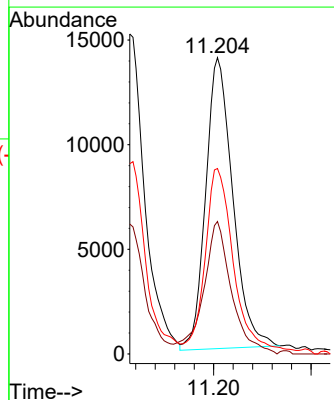
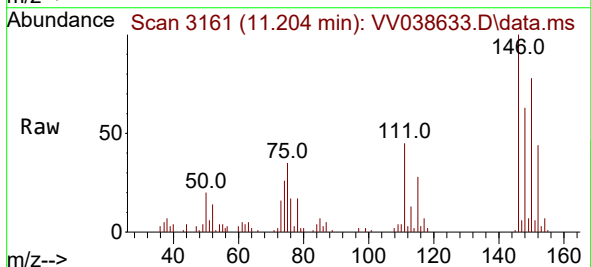


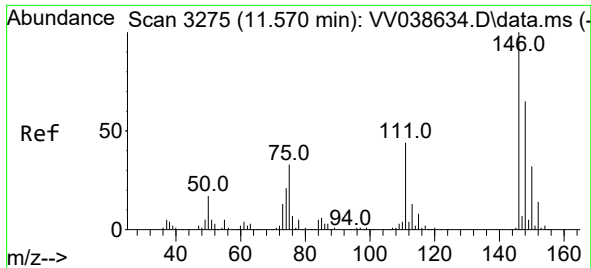
Tgt Ion:146 Resp: 26673
Ion Ratio Lower Upper
146 100
111 40.6 29.0 53.9
148 59.5 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 0.97 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. 0.003 min
Lab File: VV038633.D
Acq: 06 Feb 2025 15:17

Tgt Ion:146 Resp: 26882
Ion Ratio Lower Upper
146 100
111 44.7 27.7 51.5
148 62.6 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 1.00 ug/L

RT: 11.574 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038633.D

Acq: 06 Feb 2025 15:17

Instrument :

MSVOA_V

ClientSampleId :

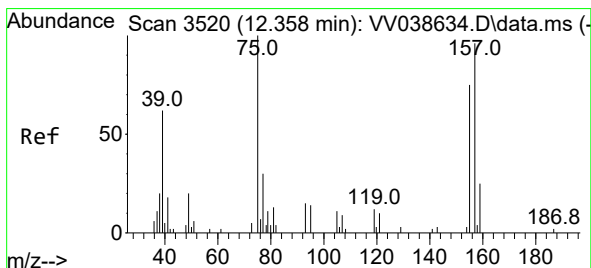
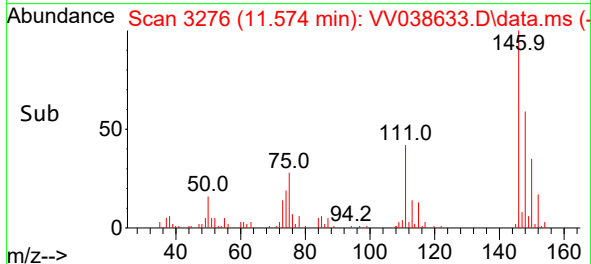
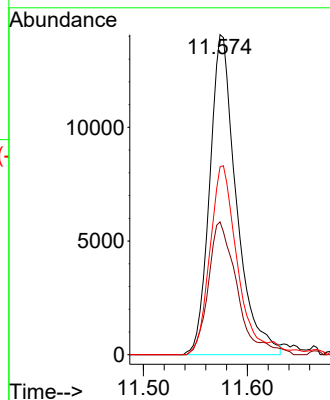
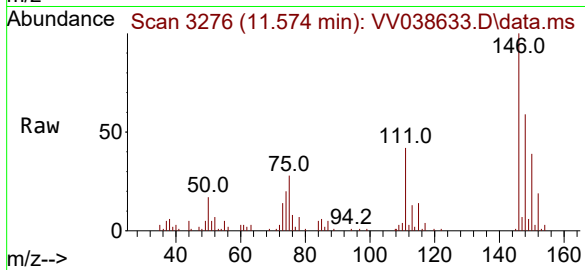
Tgt Ion:146 Resp: 25083

Ion Ratio Lower Upper

146 100

111 41.5 35.4 53.0

148 58.7 52.2 78.2



#68

1,2-Dibromo-3-chloropropane

Concen: 1.17 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. 0.013 min

Lab File: VV038633.D

Acq: 06 Feb 2025 15:17

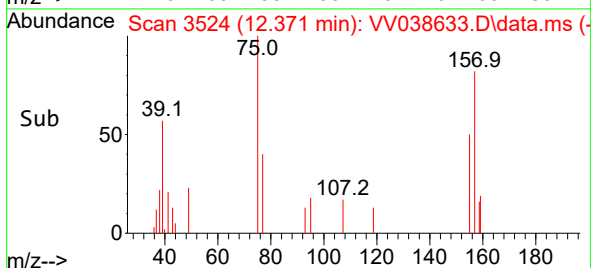
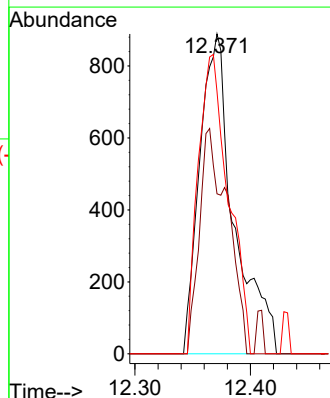
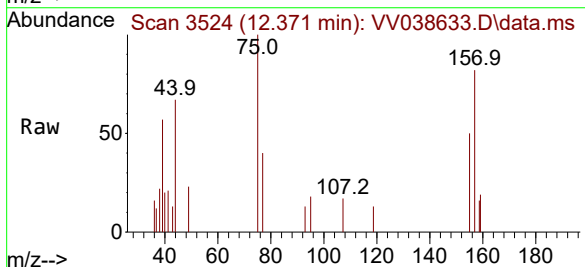
Tgt Ion: 75 Resp: 1833

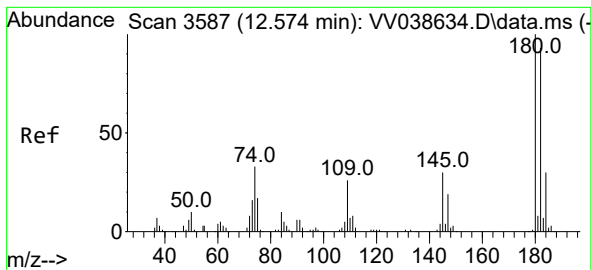
Ion Ratio Lower Upper

75 100

155 50.1 60.3 90.5#

157 82.0 76.9 115.3





#69

1,3,5-Trichlorobenzene

Concen: 0.95 ug/L

RT: 12.577 min Scan# 3

Delta R.T. 0.003 min

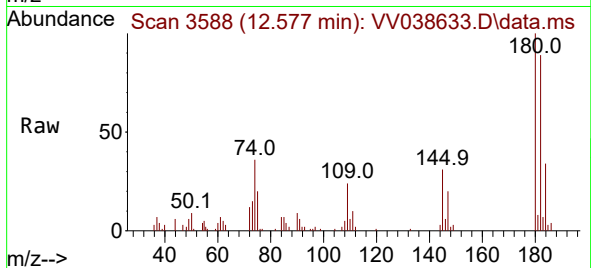
Lab File: VV038633.D

Acq: 06 Feb 2025 15:17

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 17248

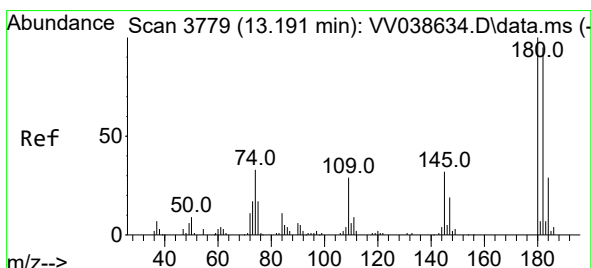
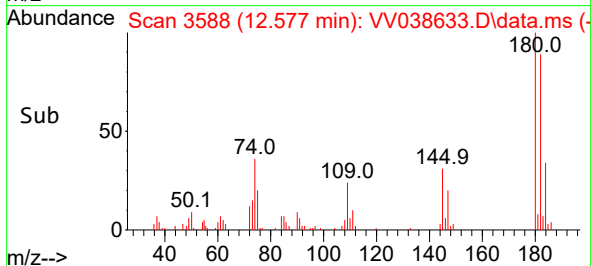
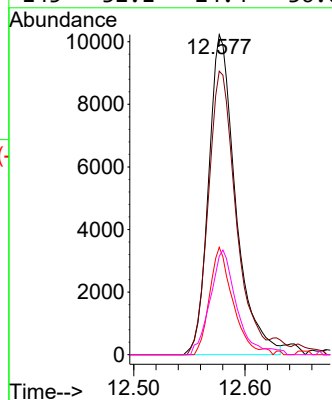
Ion Ratio Lower Upper

180 100

182 90.7 75.6 113.4

184 29.1 24.1 36.1

145 32.1 24.4 36.6



#70

1,2,4-trichlorobenzene

Concen: 0.94 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.007 min

Lab File: VV038633.D

Acq: 06 Feb 2025 15:17

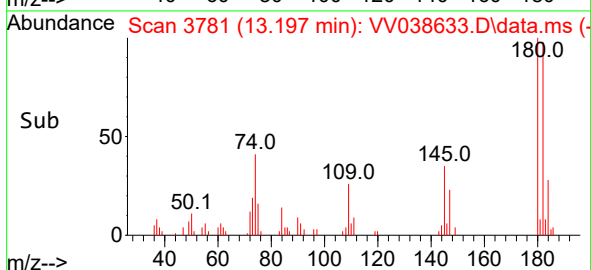
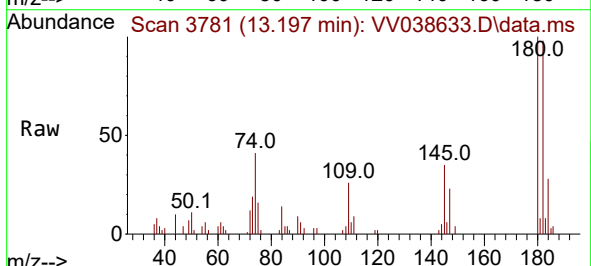
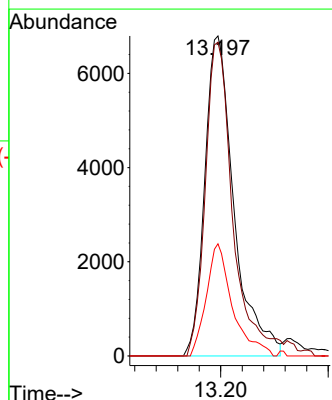
Tgt Ion:180 Resp: 12818

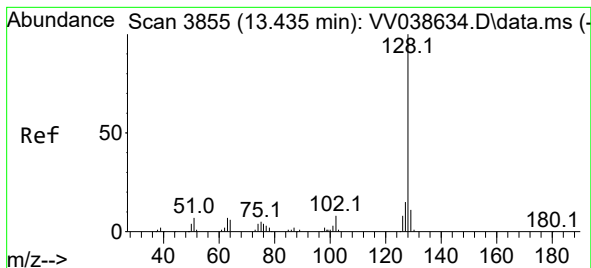
Ion Ratio Lower Upper

180 100

182 92.4 76.6 115.0

145 31.3 26.0 39.0





#71

Naphthalene

Concen: 0.87 ug/L

RT: 13.445 min Scan# 3930

Delta R.T. 0.010 min

Lab File: VV038633.D

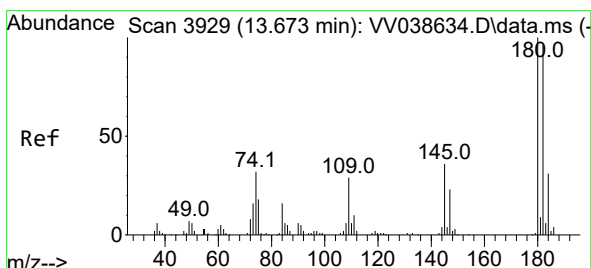
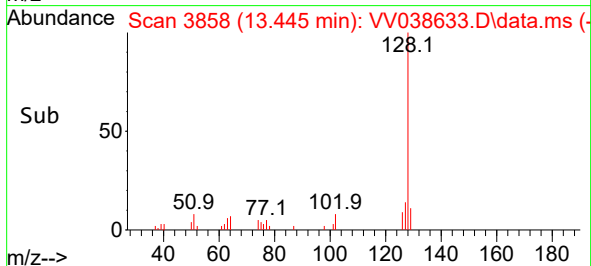
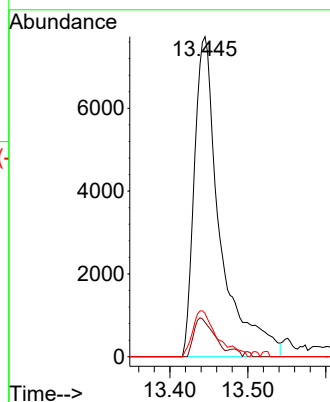
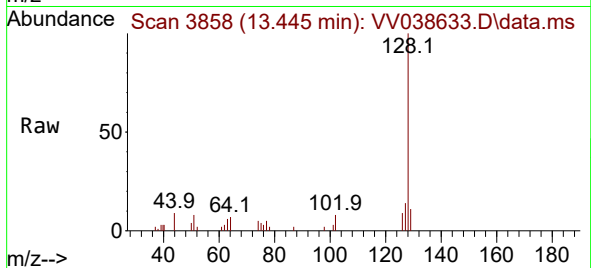
Acq: 06 Feb 2025 15:17

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	17696
Ion Ratio	Lower	Upper
128	100	
129	9.4	7.6 11.4
127	13.5	10.9 16.3



#72

1,2,3-Trichlorobenzene

Concen: 0.92 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.003 min

Lab File: VV038633.D

Acq: 06 Feb 2025 15:17

Tgt Ion:180	Resp:	10819
Ion Ratio	Lower	Upper
180	100	
182	98.2	76.0 114.0
145	34.4	28.4 42.6

