

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW020625\
 Data File : VW038634.D
 Acq On : 06 Feb 2025 16:19
 Operator : SY/MD
 Sample : VSTD005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 11 11:49:24 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	5.526	114	174804	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	180673	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	96423	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	94458	6.22	ug/L	0.00
7) Chloroethane-d5	1.532	69	72241	5.79	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	39173	5.78	ug/L	0.00
20) 2-Butanone-d5	3.799	46	144144	47.39	ug/L	0.00
24) Chloroform-d	4.236	84	154197	5.58	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.934	65	67944	5.43	ug/L	0.00
32) Benzene-d6	4.950	84	299178	5.84	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.979	67	86376	5.60	ug/L	0.00
41) Toluene-d8	7.233	98	276068	6.02	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	30714	5.49	ug/L	0.00
46) 2-Hexanone-d5	8.017	63	102835	47.28	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.143	84	66164	5.41	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.551	152	87932	5.32	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	99106	5.08	ug/L	100
3) Chloromethane	1.214	50	97518	4.90	ug/L	100
5) Vinyl chloride	1.281	62	101659	5.05	ug/L	100
6) Bromomethane	1.487	94	42074	4.28	ug/L	100
8) Chloroethane	1.548	64	61230	5.05	ug/L	100
9) Trichlorofluoromethane	1.709	101	134943	5.22	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	75184	5.14	ug/L	100
12) 1,1-Dichloroethene	2.066	96	72595	5.01	ug/L	100
13) Acetone	2.130	43	99589	42.68	ug/L	100
14) Carbon disulfide	2.236	76	243709	5.02	ug/L	100
15) Methyl Acetate	2.384	43	25480	4.28	ug/L	100
16) Methylene chloride	2.442	84	79653	4.95	ug/L	100
17) Methyl tert-butyl Ether	2.696	73	138201	4.59	ug/L	100
18) trans-1,2-Dichloroethene	2.690	96	74747	5.01	ug/L	100
19) 1,1-Dichloroethane	3.101	63	142767	5.03	ug/L	100
21) 2-Butanone	3.876	43	138405	42.13	ug/L	100
22) cis-1,2-Dichloroethene	3.802	96	74839	4.96	ug/L	100
23) Bromochloromethane	4.137	128	35017	5.11	ug/L	100
25) Chloroform	4.265	83	143495	5.10	ug/L	100
27) 1,2-Dichloroethane	5.034	62	79414	5.11	ug/L	100
29) 1,1,1-Trichloroethane	4.500	97	124526	5.14	ug/L	100
30) Cyclohexane	4.571	56	106003	4.90	ug/L	100
31) Carbon tetrachloride	4.722	117	110497	5.18	ug/L	100
33) Benzene	4.998	78	301561	5.26	ug/L	100
34) Trichloroethene	5.825	95	73095	4.94	ug/L	100
35) Methylcyclohexane	6.037	83	106333	4.78	ug/L	100
37) 1,2-Dichloropropane	6.082	63	71758	4.91	ug/L	100
38) Bromodichloromethane	6.423	83	97258	5.07	ug/L	100
39) cis-1,3-Dichloropropene	6.947	75	97159	4.81	ug/L	100
40) 4-Methyl-2-pentanone	7.146	43	364085	47.87	ug/L	100
42) Toluene	7.304	91	325787	5.44	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	84174	4.91	ug/L	100

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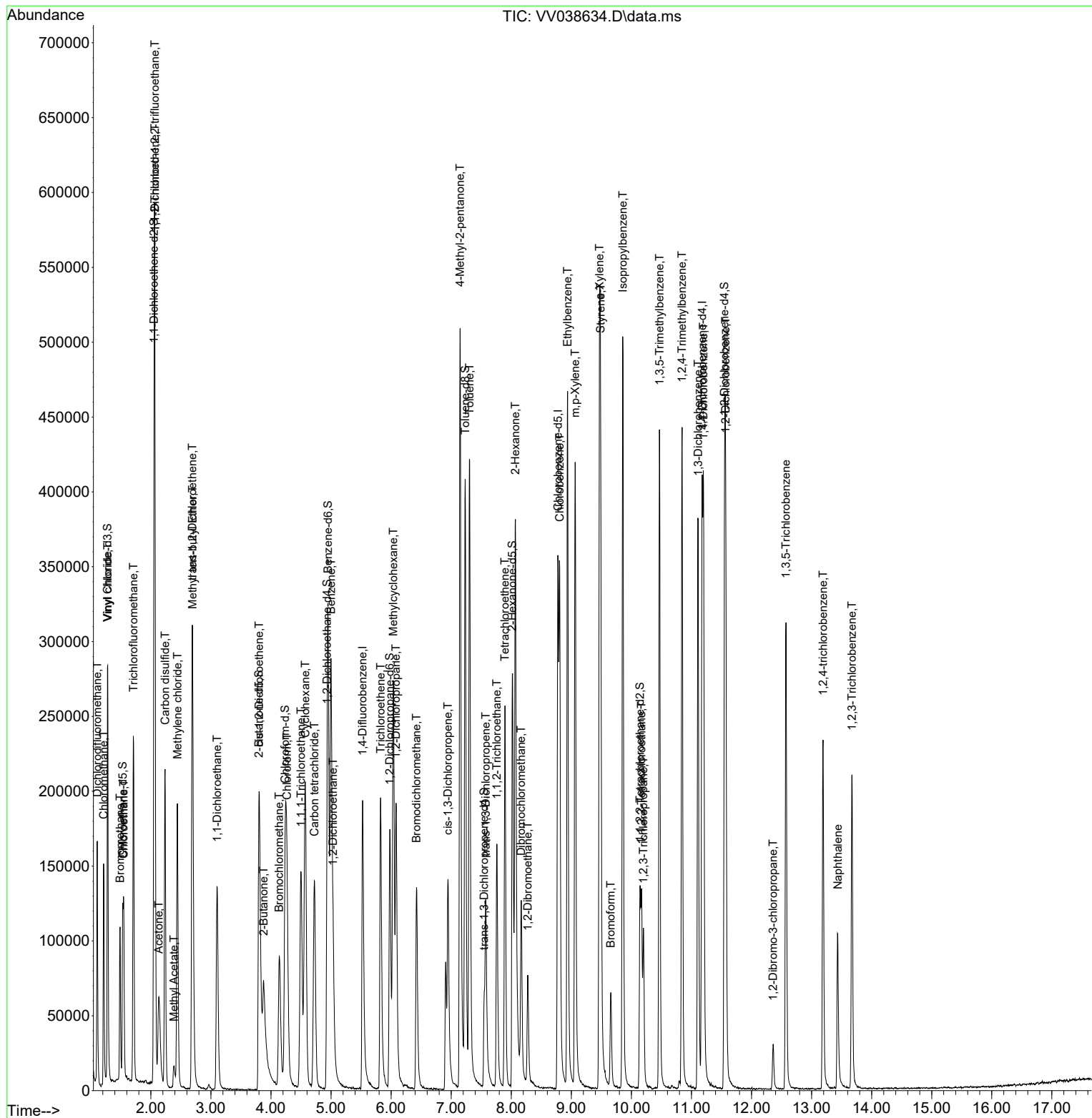
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.760	97	54815	5.13	ug/L	100
47) Tetrachloroethene	7.895	164	56517	4.95	ug/L	100
48) 2-Hexanone	8.069	43	261935	48.05	ug/L	100
49) Dibromochloromethane	8.165	129	62058	5.08	ug/L	100
50) 1,2-Dibromoethane	8.275	107	48812	4.96	ug/L	100
51) Chlorobenzene	8.805	112	195092	4.89	ug/L	100
52) Ethylbenzene	8.937	91	326623	5.09	ug/L	100
53) m,p-Xylene	9.062	106	121140	5.01	ug/L	100
54) o-Xylene	9.468	106	115878	5.03	ug/L	100
55) Styrene	9.487	104	210289	5.23	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.169	83	64128	4.92	ug/L	100
59) Bromoform	9.657	173	29708	4.50	ug/L	100
60) Isopropylbenzene	9.857	105	318071	4.94	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	41631	4.53	ug/L	100
62) 1,3,5-Trimethylbenzene	10.468	105	234386	4.68	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	241119	4.84	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	154607	4.87	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	155979	4.76	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	140764	4.73	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	7944	4.30	ug/L	100
69) 1,3,5-Trichlorobenzene	12.574	180	93698	4.36	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	69596	4.32	ug/L	100
71) Naphthalene	13.435	128	93331	3.86	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	61912	4.43	ug/L	100

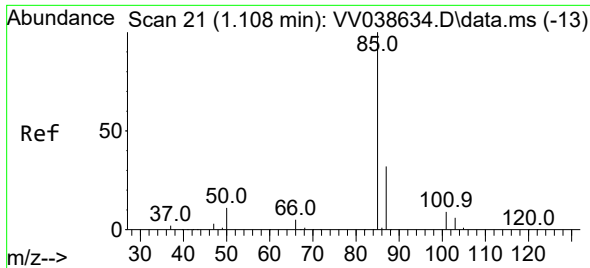
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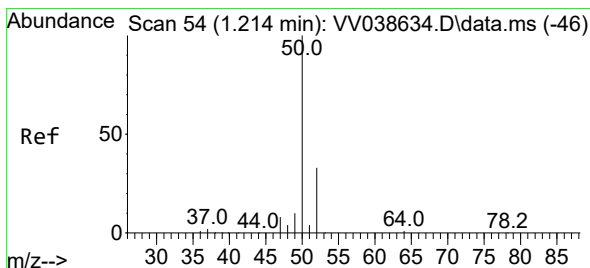
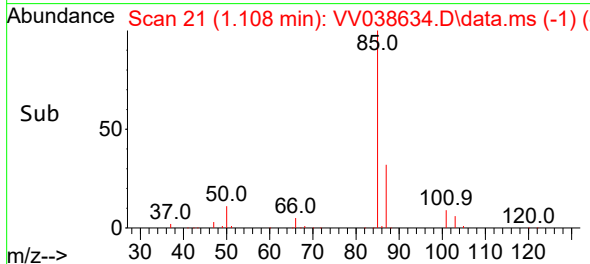
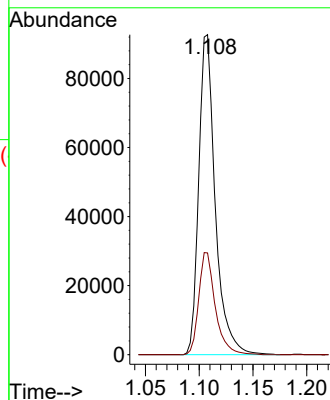
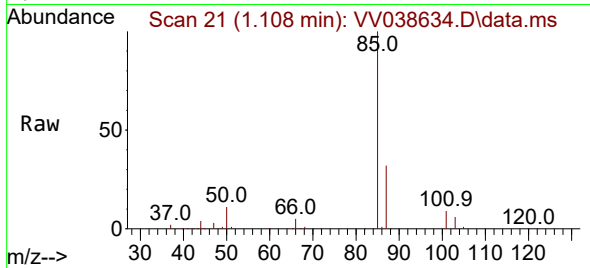




#2
 Dichlorodifluoromethane
 Concen: 5.08 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV038634.D
 Acq: 06 Feb 2025 16:19

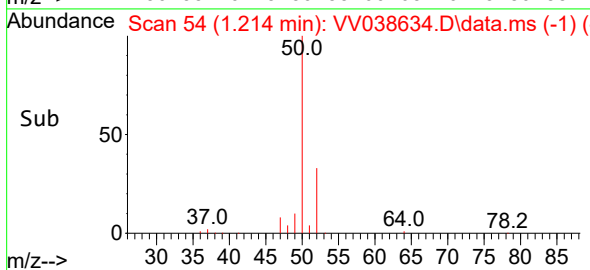
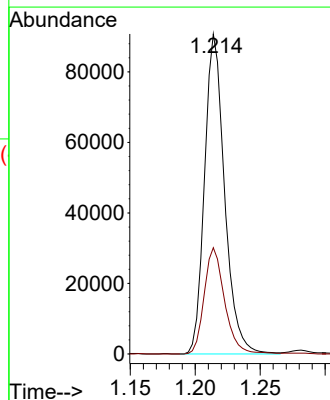
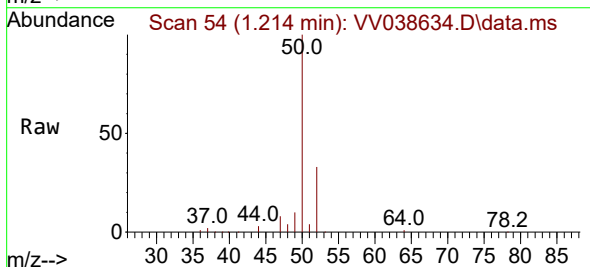
Instrument :
 MSVOA_V
 ClientSampleId :

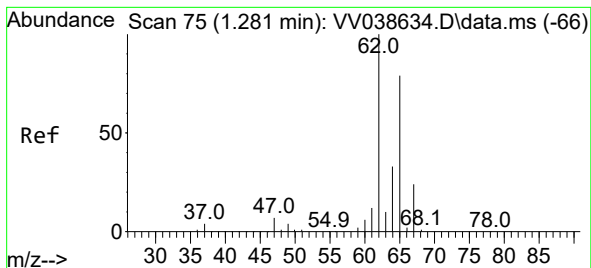
Tgt Ion: 85 Resp: 99106
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.5 38.3



#3
 Chloromethane
 Concen: 4.90 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV038634.D
 Acq: 06 Feb 2025 16:19

Tgt Ion: 50 Resp: 97518
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.2 43.2





#5

Vinyl chloride

Concen: 5.05 ug/L

RT: 1.281 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV038634.D

Acq: 06 Feb 2025 16:19

Instrument :

MSVOA_V

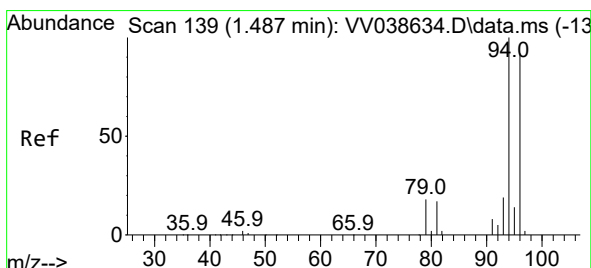
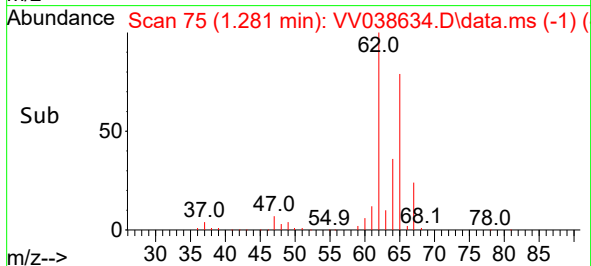
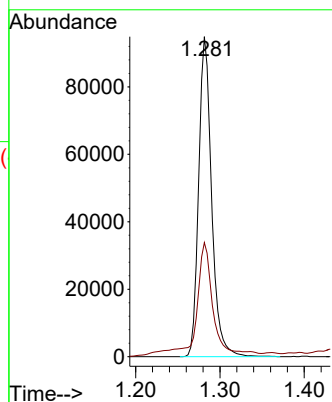
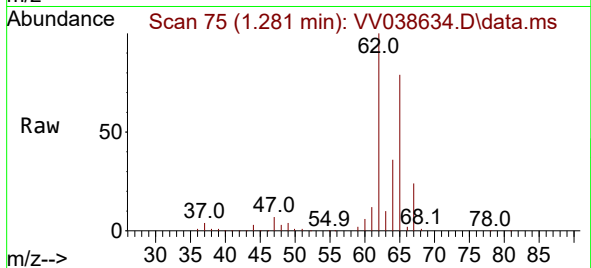
ClientSampleId :

Tgt Ion: 62 Resp: 101659

Ion Ratio Lower Upper

62 100

64 35.7 25.0 46.4



#6

Bromomethane

Concen: 4.28 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV038634.D

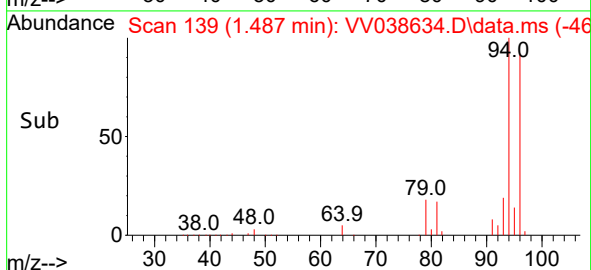
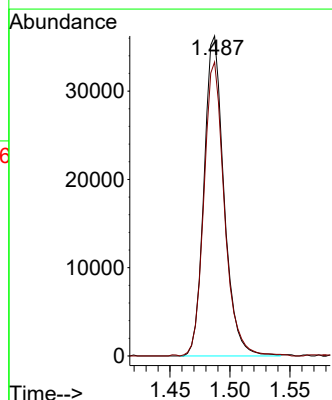
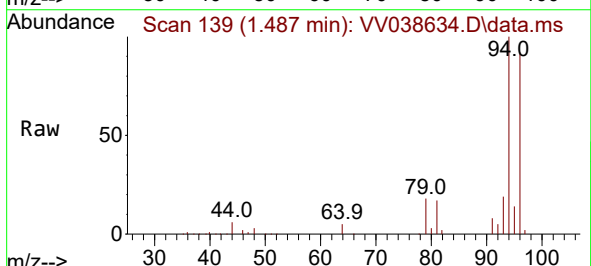
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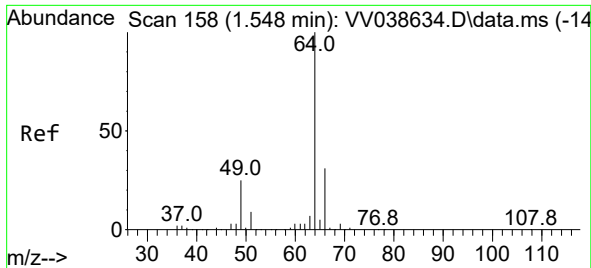
Tgt Ion: 94 Resp: 42074

Ion Ratio Lower Upper

94 100

96 91.8 64.3 119.3

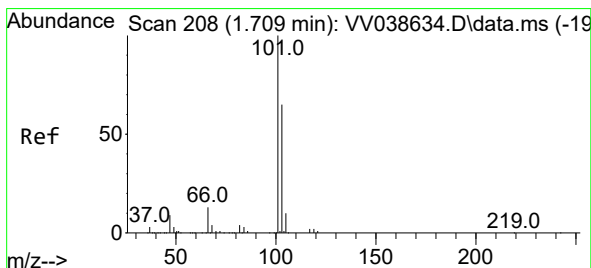
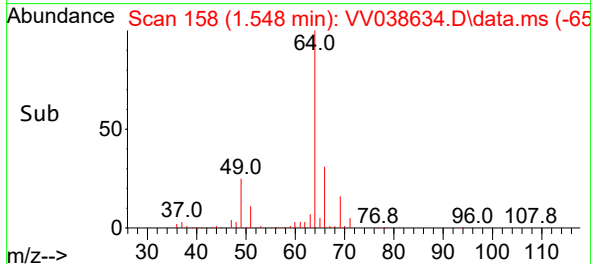
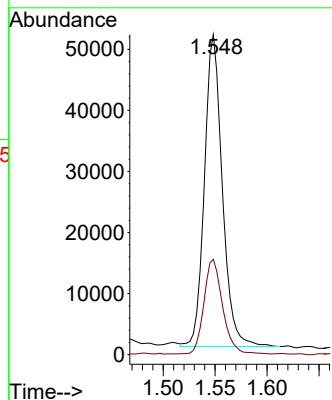
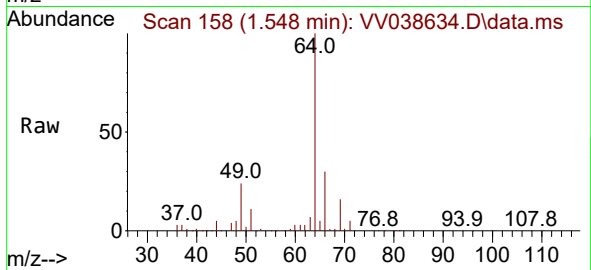




#8
Chloroethane
Concen: 5.05 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038634.D
Acq: 06 Feb 2025 16:19

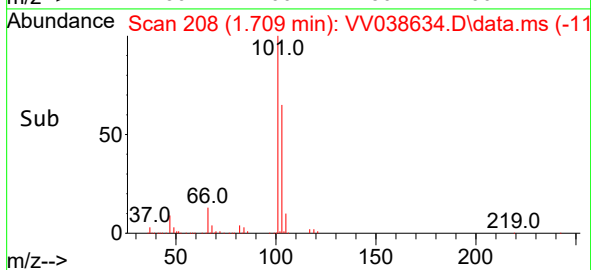
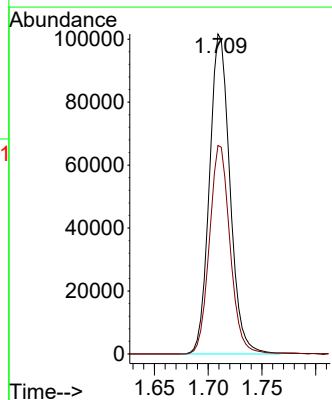
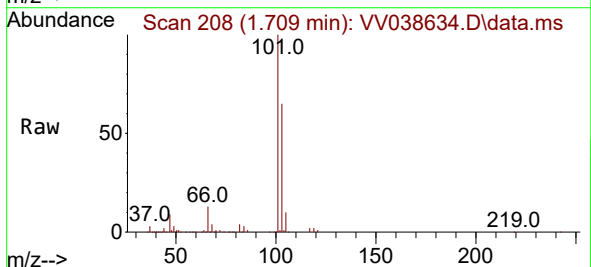
Instrument :
MSVOA_V
ClientSampleId :

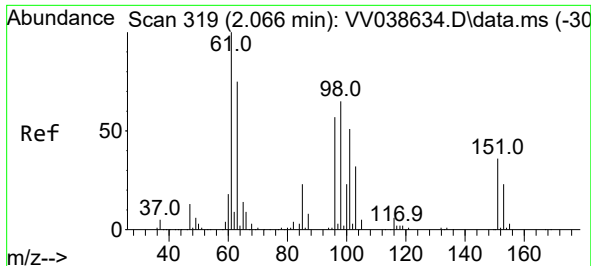
Tgt Ion: 64 Resp: 61230
Ion Ratio Lower Upper
64 100
66 29.8 20.9 38.7



#9
Trichlorofluoromethane
Concen: 5.22 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038634.D
Acq: 06 Feb 2025 16:19

Tgt Ion:101 Resp: 134943
Ion Ratio Lower Upper
101 100
103 65.5 52.4 78.6

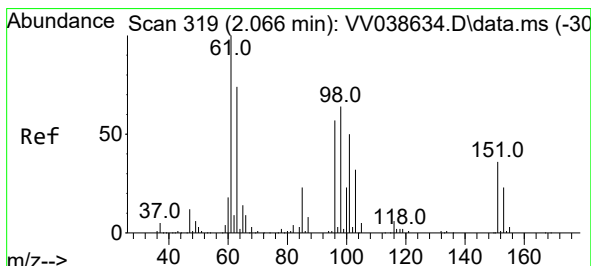
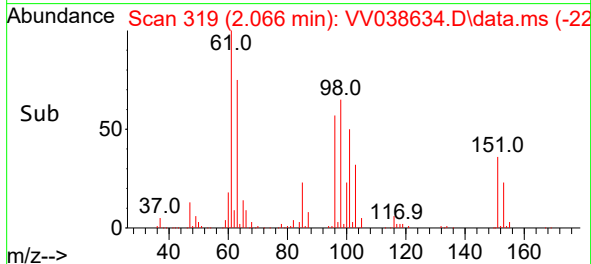
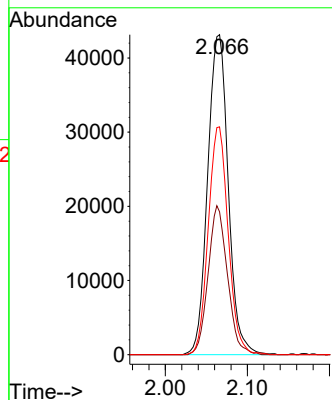
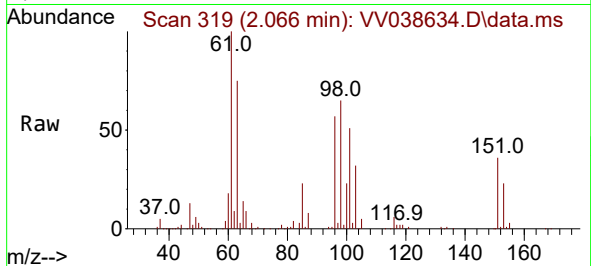




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.14 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV038634.D
 Acq: 06 Feb 2025 16:19

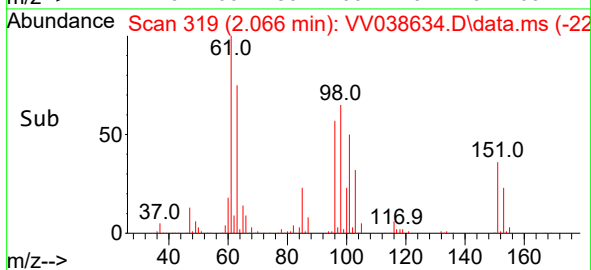
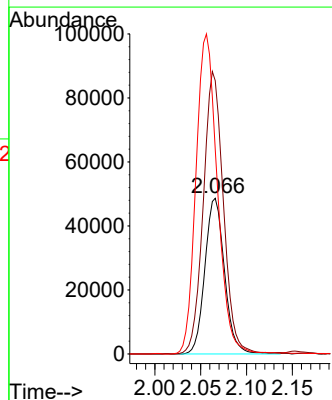
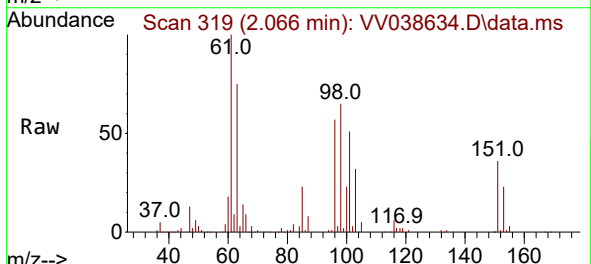
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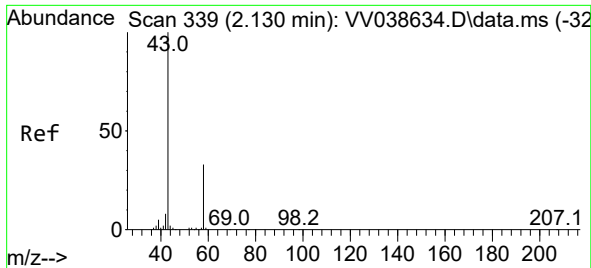
Tgt Ion:101 Resp: 75184
 Ion Ratio Lower Upper
 101 100
 85 43.7 35.0 52.4
 151 68.9 55.1 82.7



#12
 1,1-Dichloroethene
 Concen: 5.01 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV038634.D
 Acq: 06 Feb 2025 16:19

Tgt Ion: 96 Resp: 72595
 Ion Ratio Lower Upper
 96 100
 61 175.5 122.8 228.1
 63 131.4 92.0 170.8





#13

Acetone

Concen: 42.68 ug/L

RT: 2.130 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038634.D

Acq: 06 Feb 2025 16:19

Instrument :

MSVOA_V

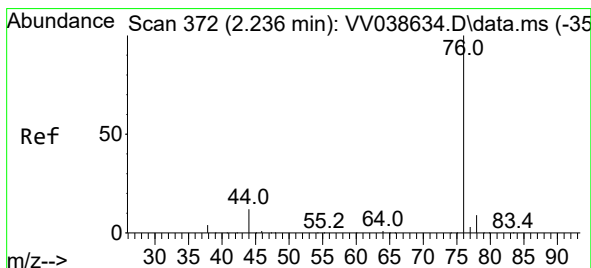
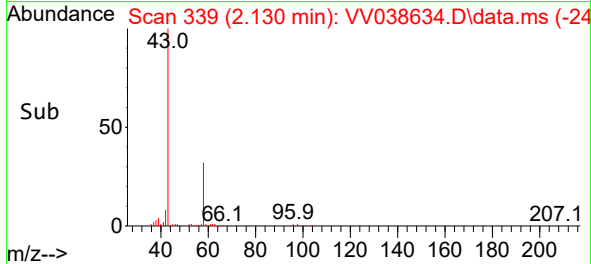
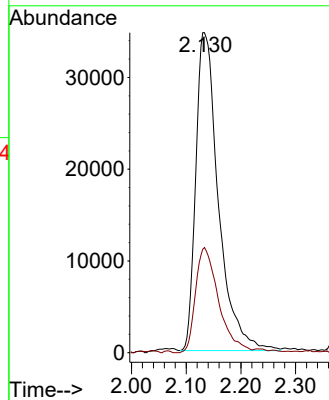
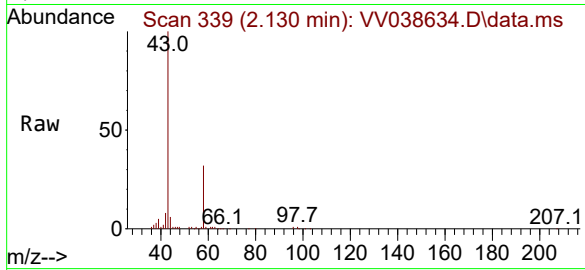
ClientSampleId :

Tgt Ion: 43 Resp: 99589

Ion Ratio Lower Upper

43 100

58 33.7 0.0 67.4



#14

Carbon disulfide

Concen: 5.02 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV038634.D

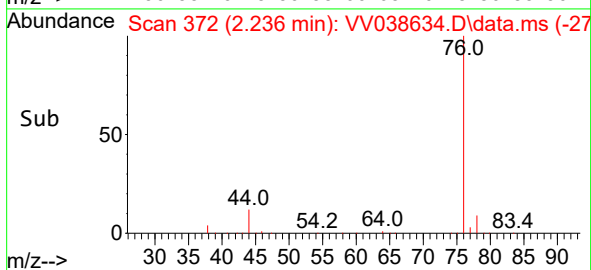
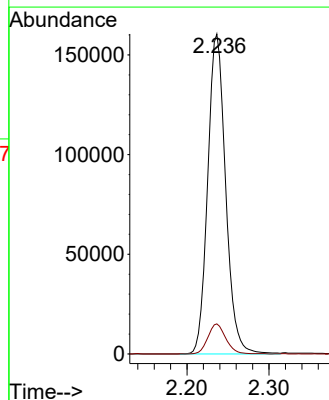
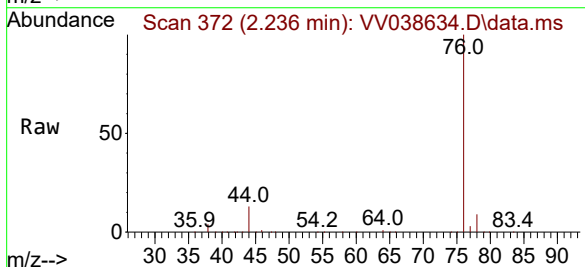
Acq: 06 Feb 2025 16:19

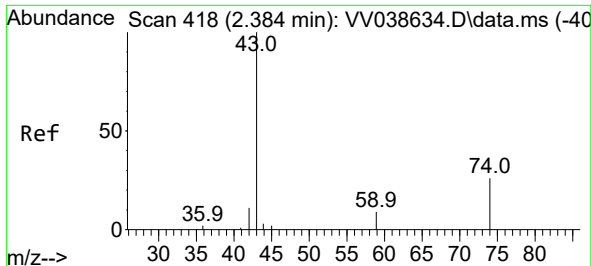
Tgt Ion: 76 Resp: 243709

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

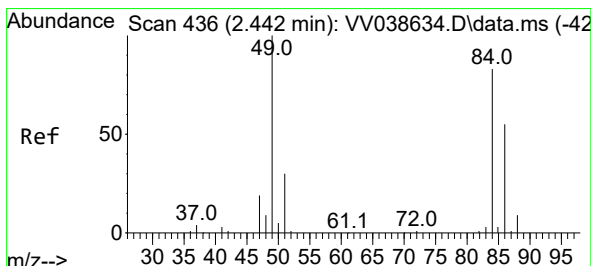
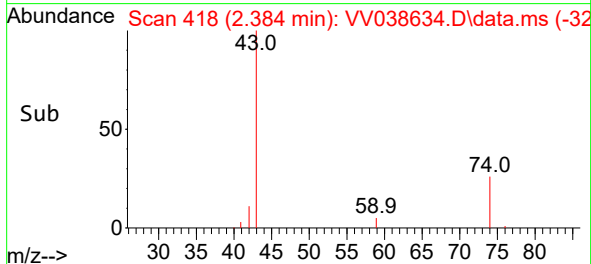
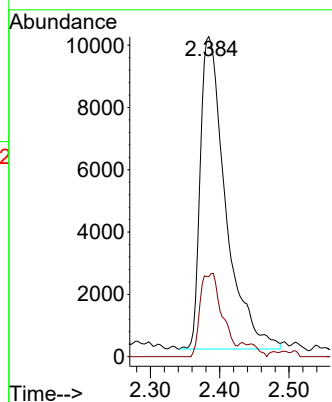
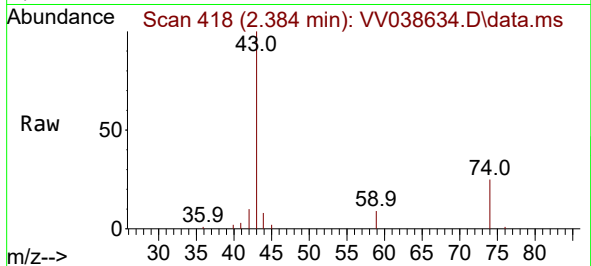




#15
Methyl Acetate
Concen: 4.28 ug/L
RT: 2.384 min Scan# 418
Delta R.T. 0.000 min
Lab File: VV038634.D
Acq: 06 Feb 2025 16:19

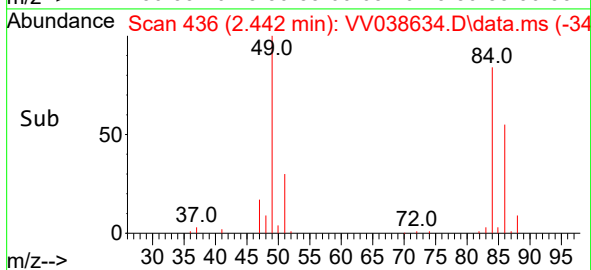
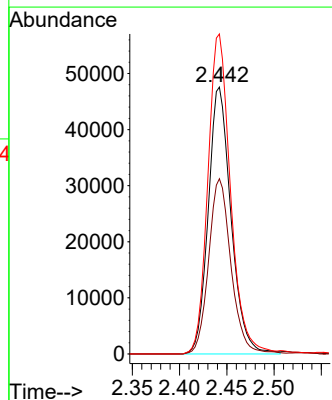
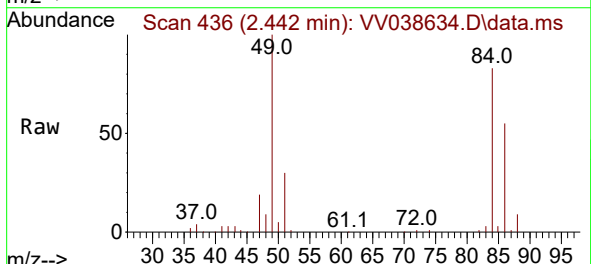
Instrument :
MSVOA_V
ClientSampleId :

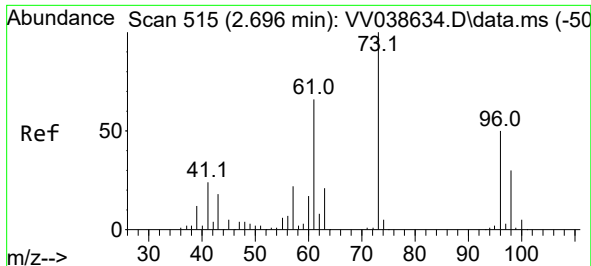
Tgt Ion: 43 Resp: 25480
Ion Ratio Lower Upper
43 100
74 23.2 18.6 27.8



#16
Methylene chloride
Concen: 4.95 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV038634.D
Acq: 06 Feb 2025 16:19

Tgt Ion: 84 Resp: 79653
Ion Ratio Lower Upper
84 100
86 65.7 46.0 85.4
49 119.9 83.9 155.9





#17

Methyl tert-butyl Ether

Concen: 4.59 ug/L

RT: 2.696 min Scan# 515

Delta R.T. 0.000 min

Lab File: VV038634.D

Acq: 06 Feb 2025 16:19

Instrument :

MSVOA_V

ClientSampleId :

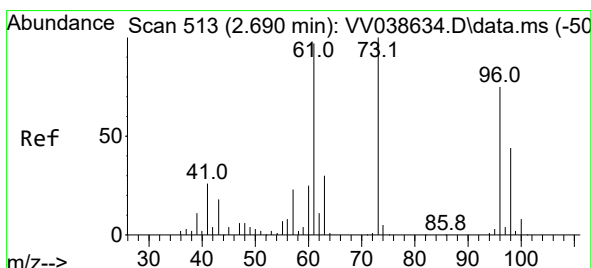
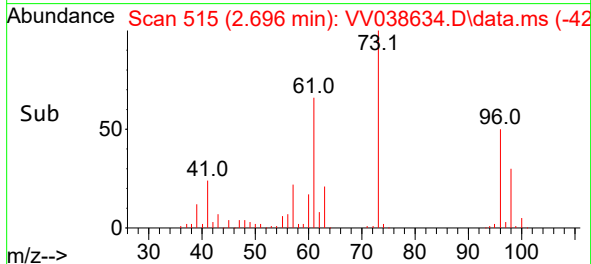
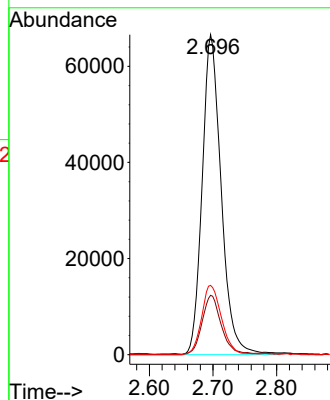
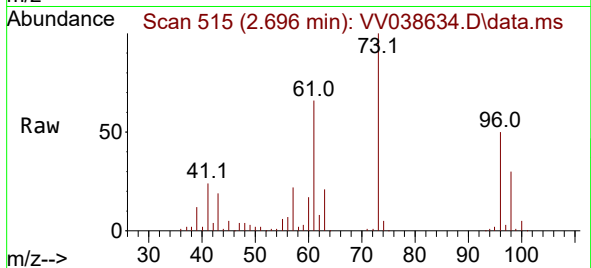
Tgt Ion: 73 Resp: 138201

Ion Ratio Lower Upper

73 100

43 18.3 14.6 22.0

57 22.7 18.2 27.2



#18

trans-1,2-Dichloroethene

Concen: 5.01 ug/L

RT: 2.690 min Scan# 513

Delta R.T. 0.000 min

Lab File: VV038634.D

Acq: 06 Feb 2025 16:19

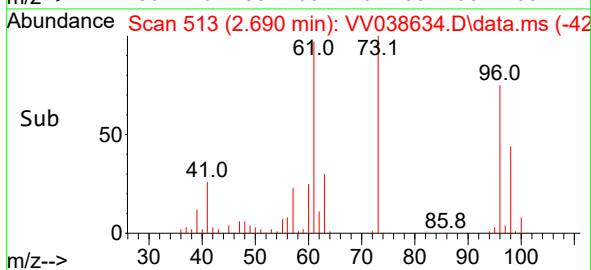
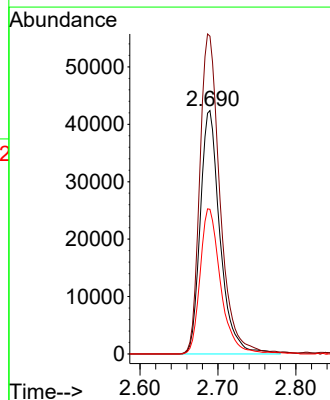
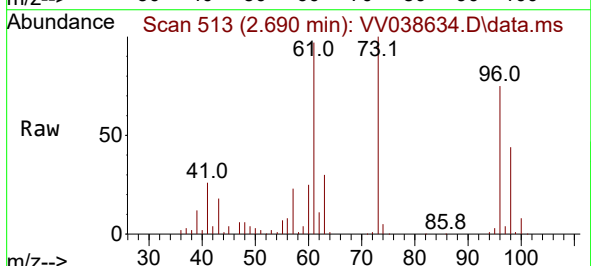
Tgt Ion: 96 Resp: 74747

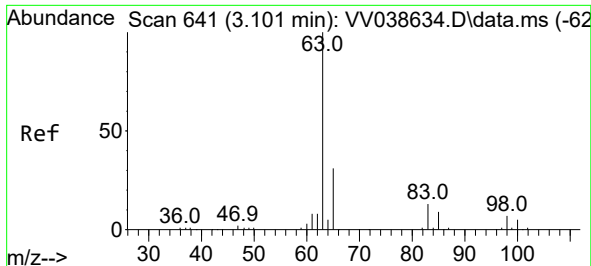
Ion Ratio Lower Upper

96 100

61 130.6 91.4 169.8

98 59.4 41.6 77.2

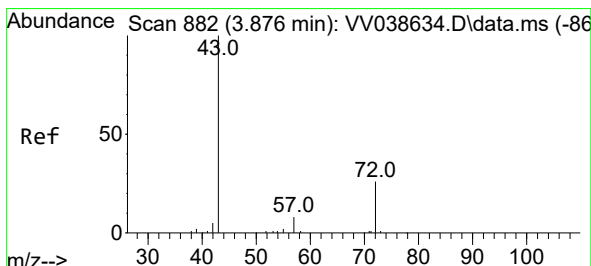
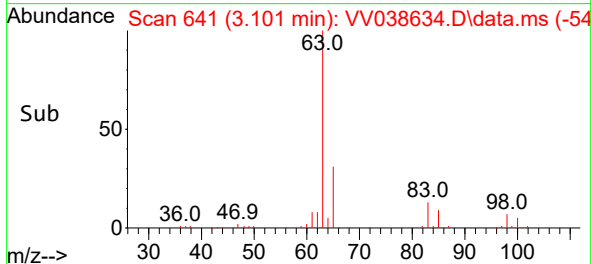
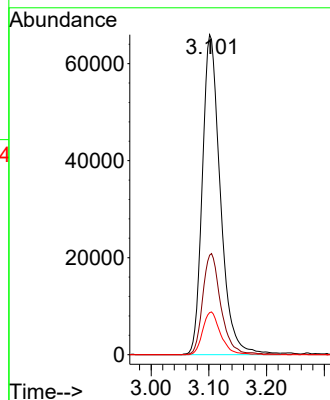
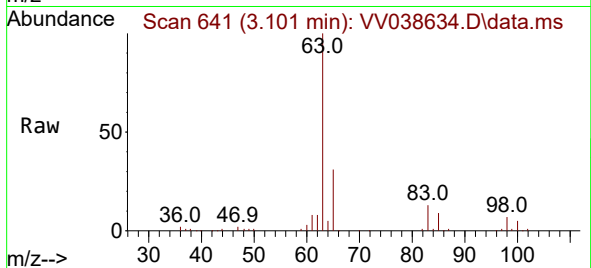




#19
1,1-Dichloroethane
Concen: 5.03 ug/L
RT: 3.101 min Scan# 641
Delta R.T. 0.000 min
Lab File: VV038634.D
Acq: 06 Feb 2025 16:19

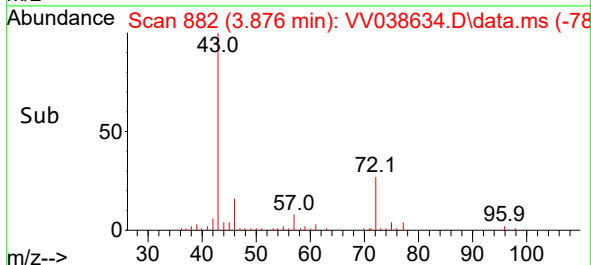
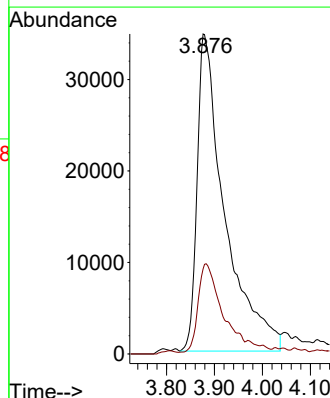
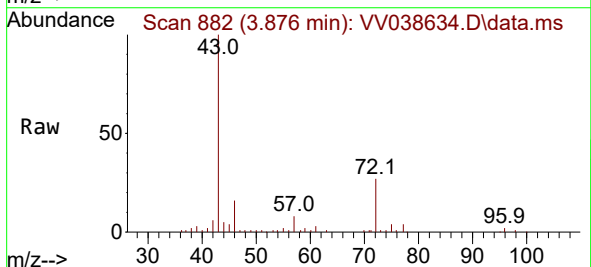
Instrument :
MSVOA_V
ClientSampleId :

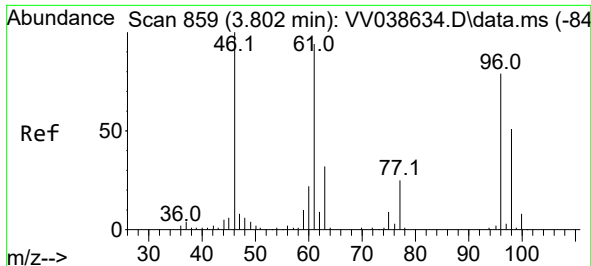
Tgt Ion: 63 Resp: 142767
Ion Ratio Lower Upper
63 100
65 31.1 21.8 40.4
83 13.2 9.2 17.2



#21
2-Butanone
Concen: 42.13 ug/L
RT: 3.876 min Scan# 882
Delta R.T. 0.000 min
Lab File: VV038634.D
Acq: 06 Feb 2025 16:19

Tgt Ion: 43 Resp: 138405
Ion Ratio Lower Upper
43 100
72 23.7 11.9 35.5





#22

cis-1,2-Dichloroethene

Concen: 4.96 ug/L

RT: 3.802 min Scan# 859

Delta R.T. 0.000 min

Lab File: VV038634.D

Acq: 06 Feb 2025 16:19

Instrument :

MSVOA_V

ClientSampleId :

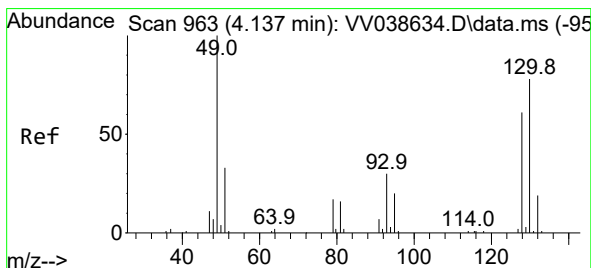
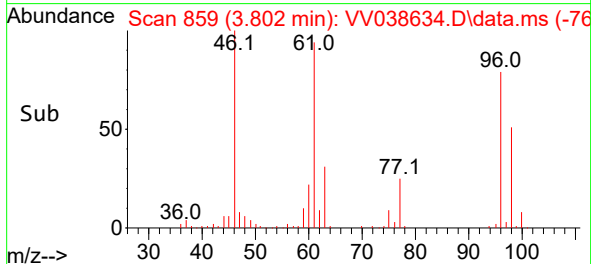
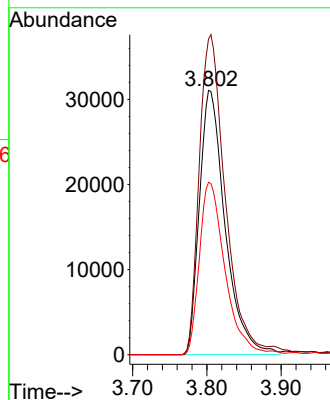
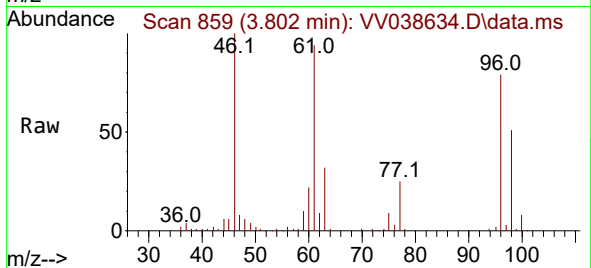
Tgt Ion: 96 Resp: 74839

Ion Ratio Lower Upper

96 100

61 119.4 83.6 155.2

98 65.2 45.6 84.8



#23

Bromochloromethane

Concen: 5.11 ug/L

RT: 4.137 min Scan# 963

Delta R.T. 0.000 min

Lab File: VV038634.D

Acq: 06 Feb 2025 16:19

Tgt Ion:128 Resp: 35017

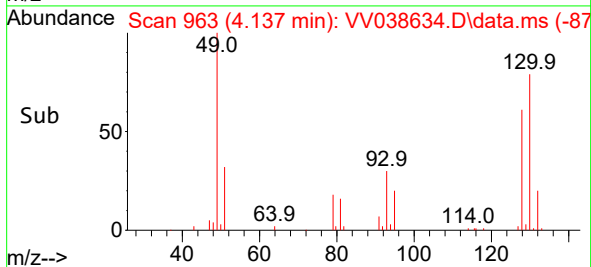
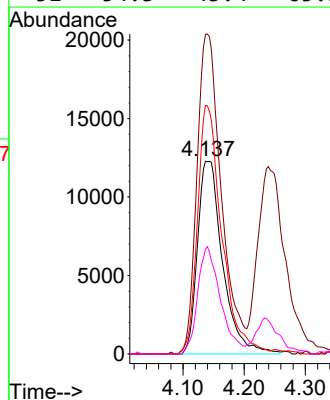
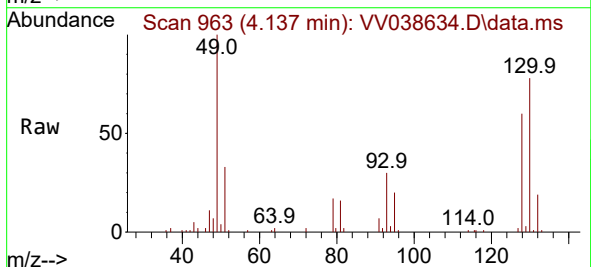
Ion Ratio Lower Upper

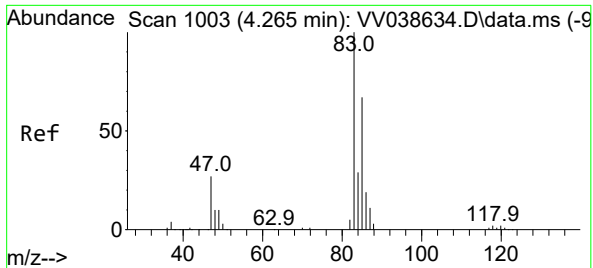
128 100

49 165.7 116.0 215.4

130 128.9 90.2 167.6

51 54.3 43.4 65.2

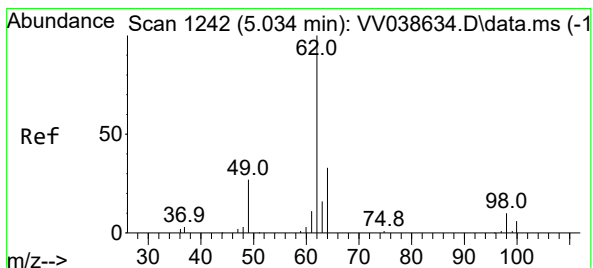
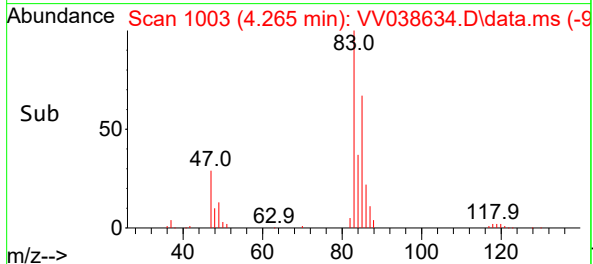
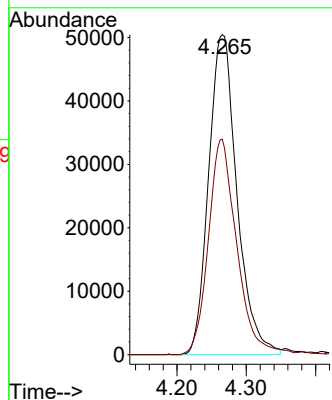
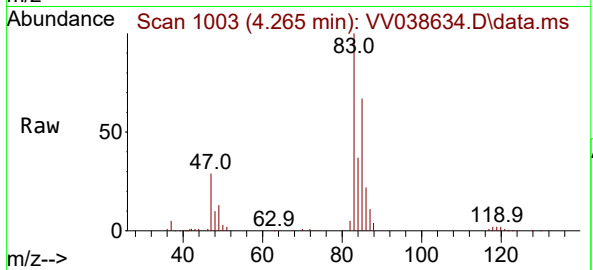




#25
Chloroform
Concen: 5.10 ug/L
RT: 4.265 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VV038634.D
Acq: 06 Feb 2025 16:19

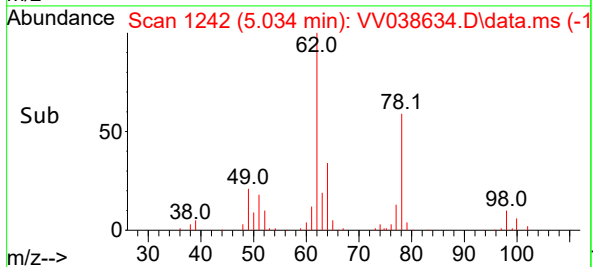
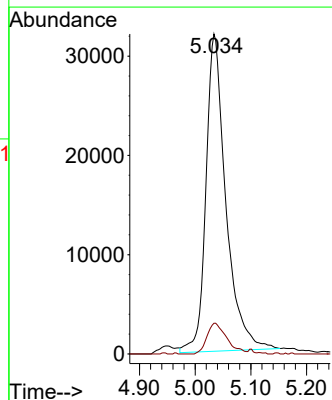
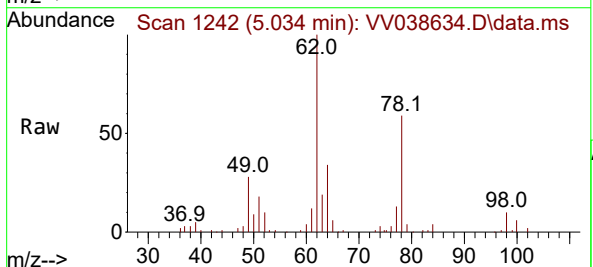
Instrument :
MSVOA_V
ClientSampleId :

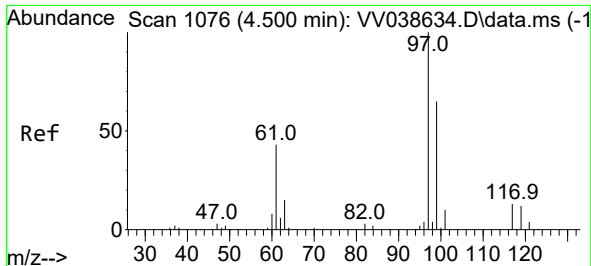
Tgt Ion: 83 Resp: 143495
Ion Ratio Lower Upper
83 100
85 67.4 47.2 87.6



#27
1,2-Dichloroethane
Concen: 5.11 ug/L
RT: 5.034 min Scan# 1242
Delta R.T. 0.000 min
Lab File: VV038634.D
Acq: 06 Feb 2025 16:19

Tgt Ion: 62 Resp: 79414
Ion Ratio Lower Upper
62 100
98 9.6 7.7 11.5





#29

1,1,1-Trichloroethane

Concen: 5.14 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. 0.000 min

Lab File: VV038634.D

Acq: 06 Feb 2025 16:19

Instrument :

MSVOA_V

ClientSampleId :

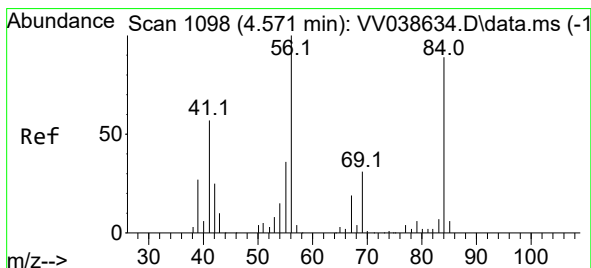
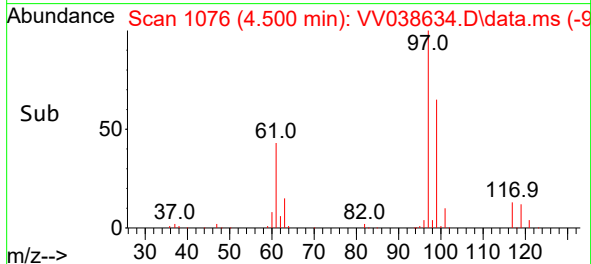
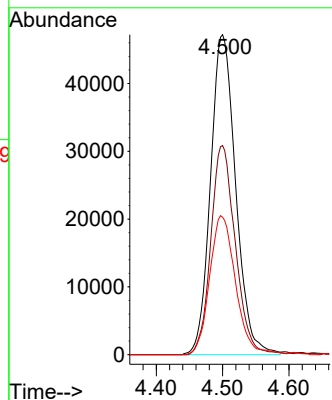
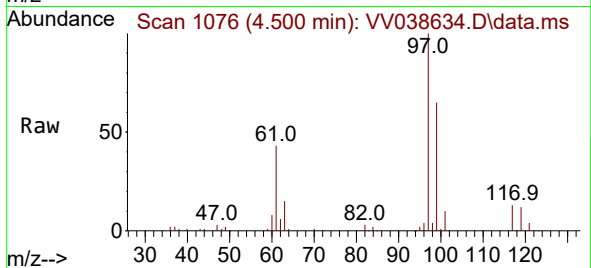
Tgt Ion: 97 Resp: 124526

Ion Ratio Lower Upper

97 100

99 63.6 50.9 76.3

61 44.7 35.8 53.6



#30

Cyclohexane

Concen: 4.90 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VV038634.D

Acq: 06 Feb 2025 16:19

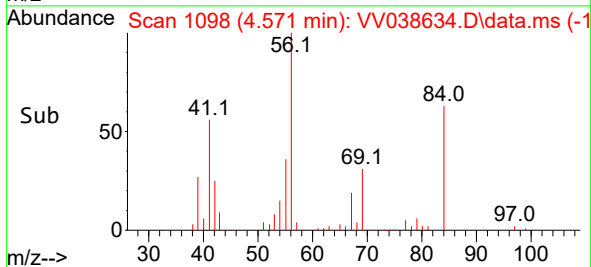
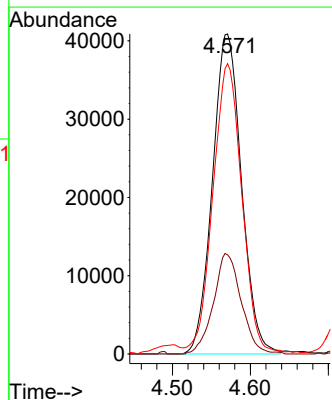
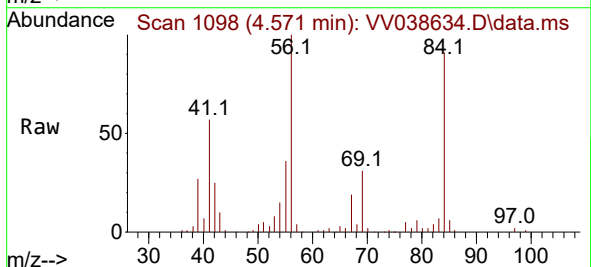
Tgt Ion: 56 Resp: 106003

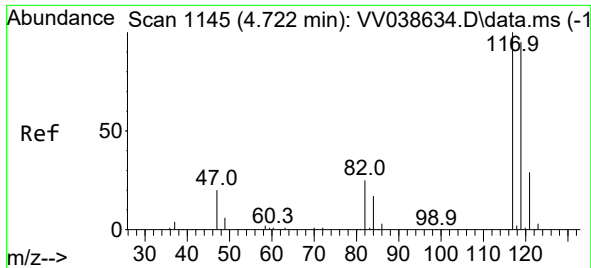
Ion Ratio Lower Upper

56 100

69 30.0 24.0 36.0

84 90.9 72.7 109.1

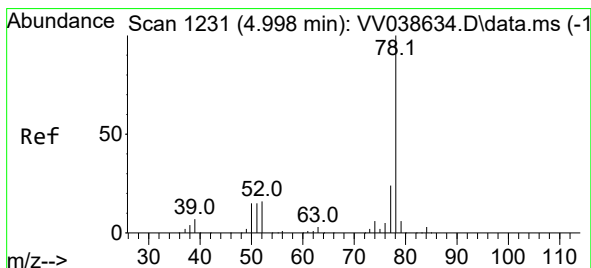
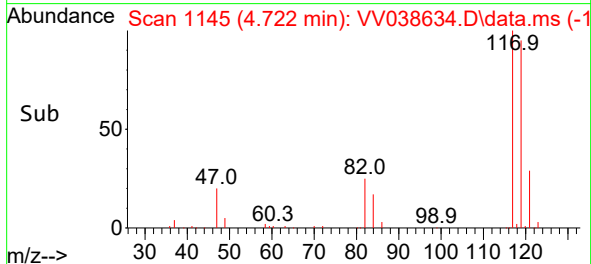
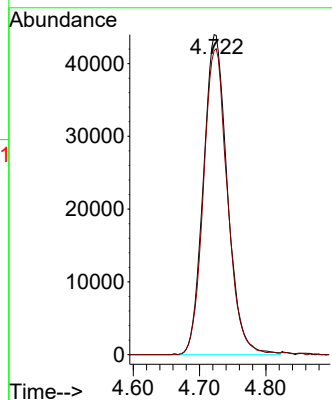
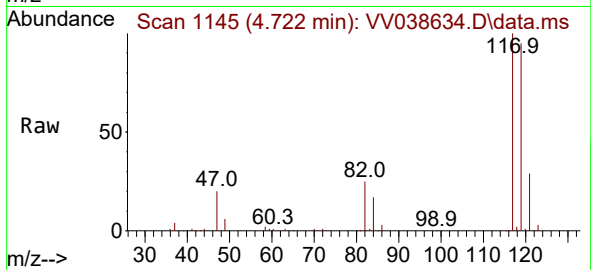




#31
Carbon tetrachloride
Concen: 5.18 ug/L
RT: 4.722 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VV038634.D
Acq: 06 Feb 2025 16:19

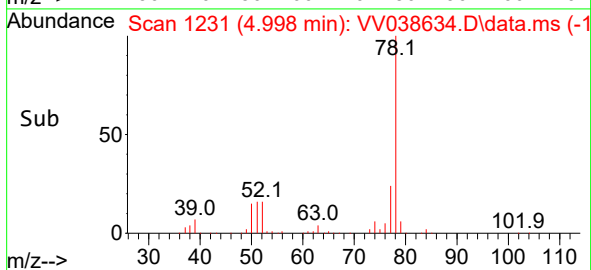
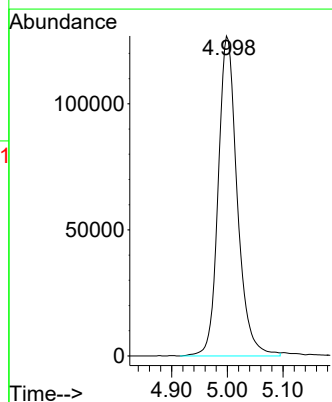
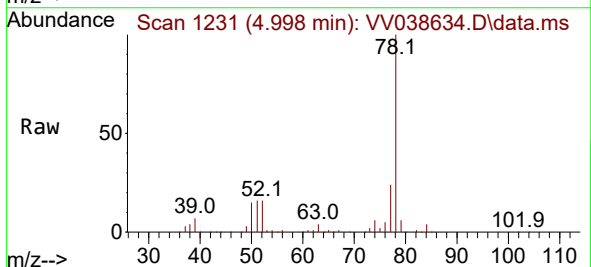
Instrument :
MSVOA_V
ClientSampleId :

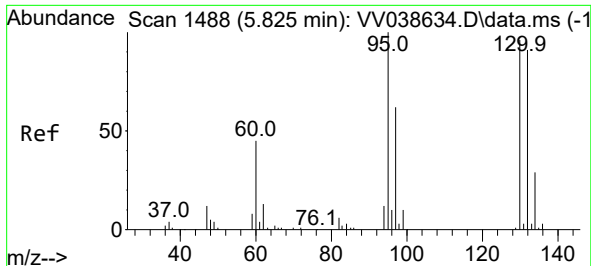
Tgt Ion:117 Resp: 110497
Ion Ratio Lower Upper
117 100
119 95.6 76.5 114.7



#33
Benzene
Concen: 5.26 ug/L
RT: 4.998 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VV038634.D
Acq: 06 Feb 2025 16:19

Tgt Ion: 78 Resp: 301561





#34

Trichloroethene

Concen: 4.94 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VV038634.D

Acq: 06 Feb 2025 16:19

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 73095

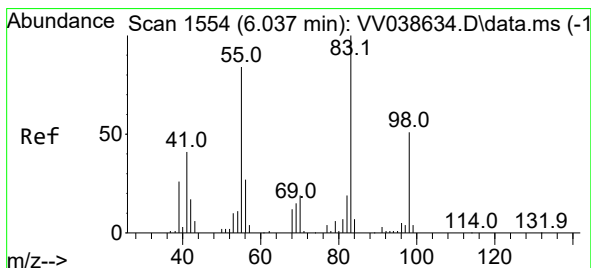
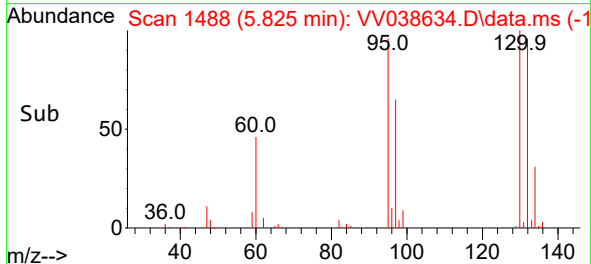
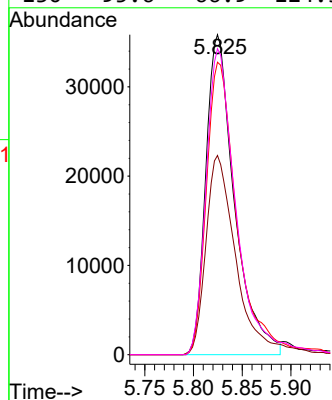
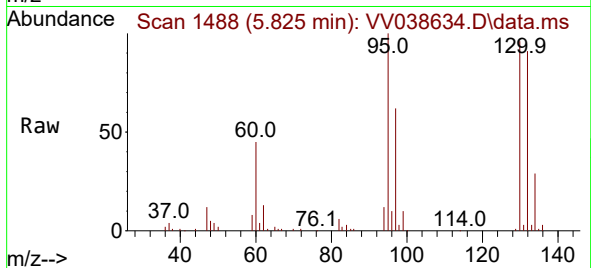
Ion Ratio Lower Upper

95 100

97 62.2 43.5 80.9

132 91.4 64.0 118.8

130 95.6 66.9 124.3



#35

Methylcyclohexane

Concen: 4.78 ug/L

RT: 6.037 min Scan# 1554

Delta R.T. 0.000 min

Lab File: VV038634.D

Acq: 06 Feb 2025 16:19

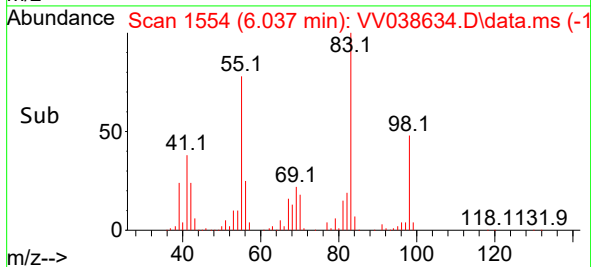
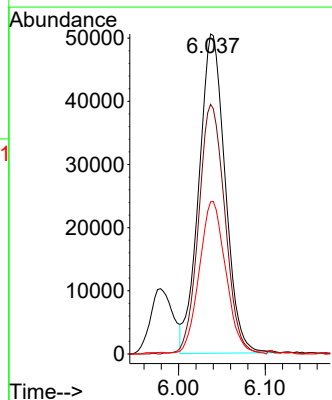
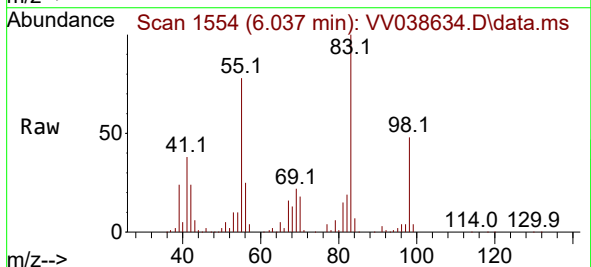
Tgt Ion: 83 Resp: 106333

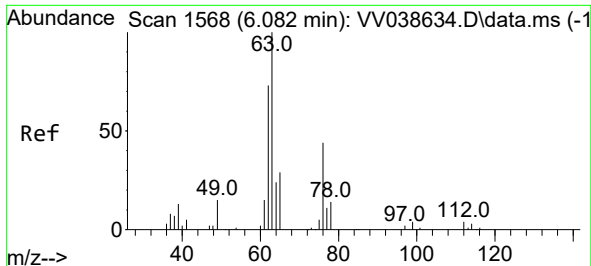
Ion Ratio Lower Upper

83 100

55 78.3 62.6 94.0

98 48.4 38.7 58.1





#37

1,2-Dichloropropane

Concen: 4.91 ug/L

RT: 6.082 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038634.D

Acq: 06 Feb 2025 16:19

Instrument :

MSVOA_V

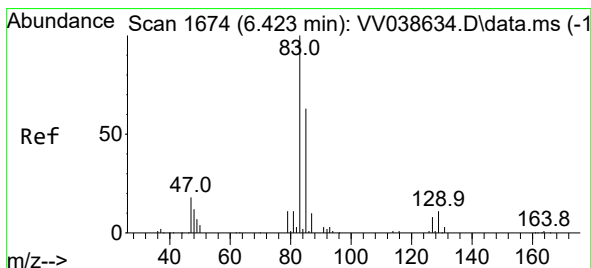
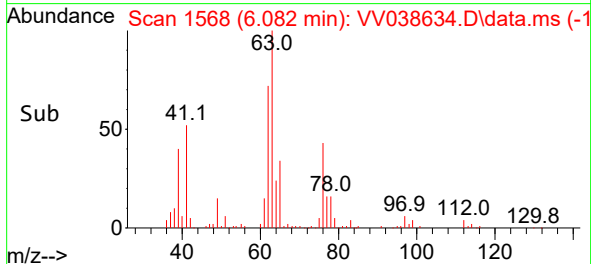
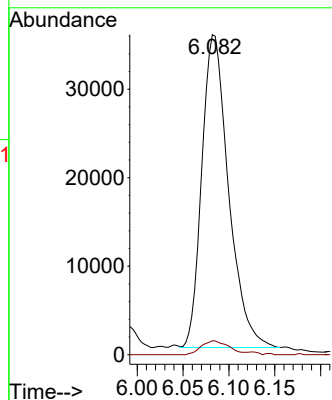
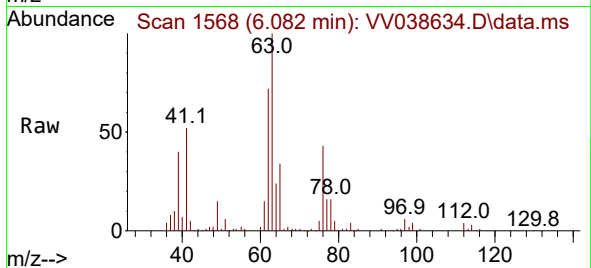
ClientSampleId :

Tgt Ion: 63 Resp: 71758

Ion Ratio Lower Upper

63 100

112 4.5 3.6 5.4



#38

Bromodichloromethane

Concen: 5.07 ug/L

RT: 6.423 min Scan# 1674

Delta R.T. 0.000 min

Lab File: VV038634.D

Acq: 06 Feb 2025 16:19

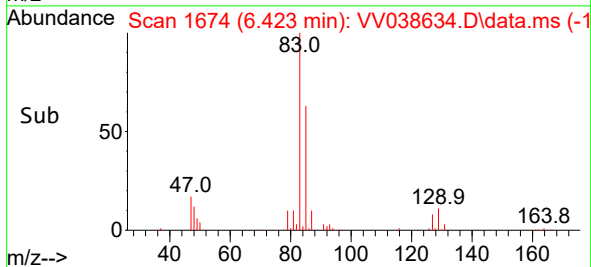
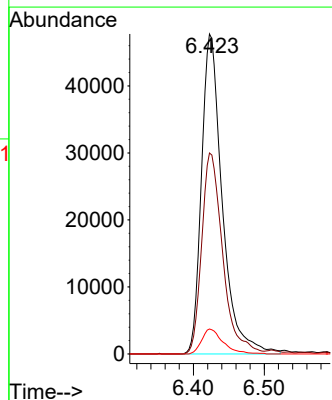
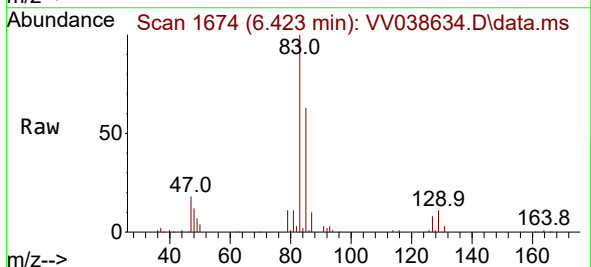
Tgt Ion: 83 Resp: 97258

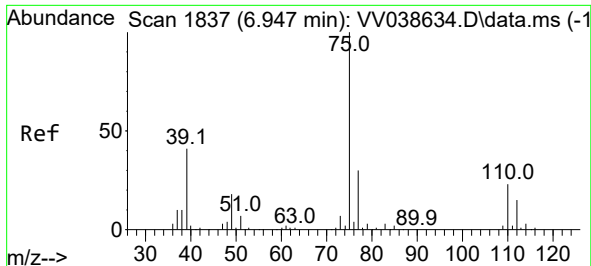
Ion Ratio Lower Upper

83 100

85 62.8 44.0 81.6

127 7.8 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 4.81 ug/L

RT: 6.947 min Scan# 1837

Delta R.T. 0.000 min

Lab File: VV038634.D

Acq: 06 Feb 2025 16:19

Instrument :

MSVOA_V

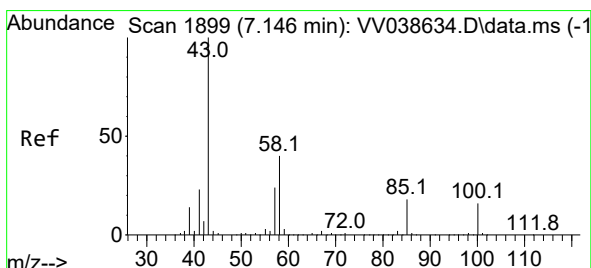
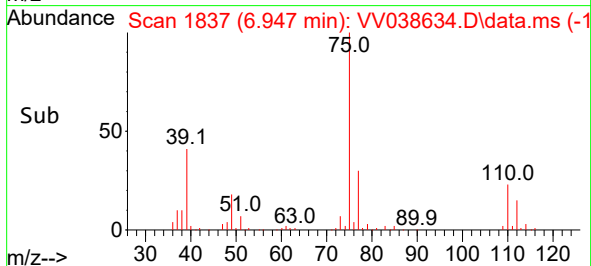
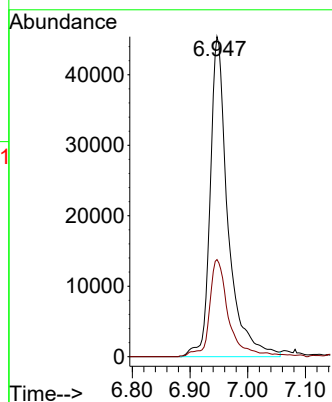
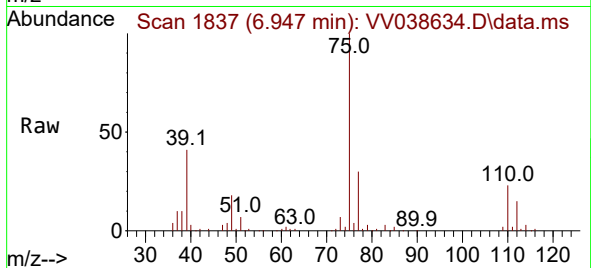
ClientSampleId :

Tgt Ion: 75 Resp: 97159

Ion Ratio Lower Upper

75 100

77 30.4 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 47.87 ug/L

RT: 7.146 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VV038634.D

Acq: 06 Feb 2025 16:19

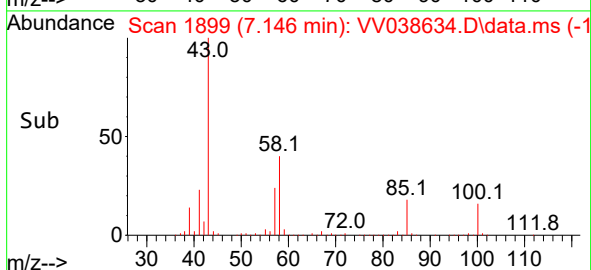
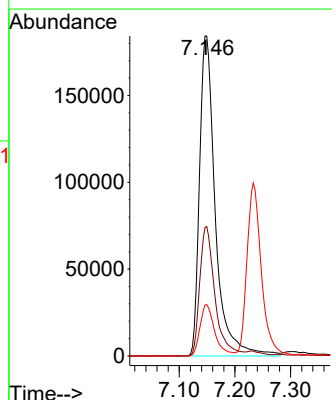
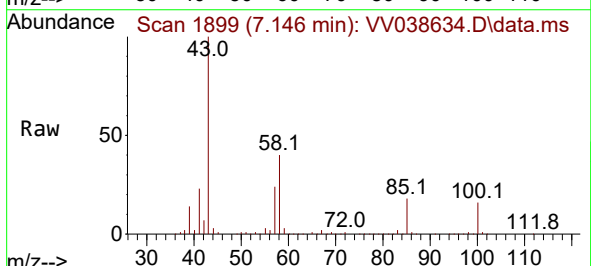
Tgt Ion: 43 Resp: 364085

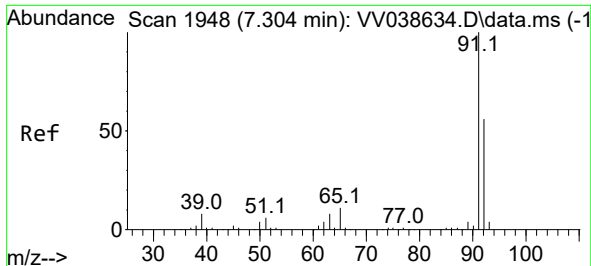
Ion Ratio Lower Upper

43 100

58 38.9 31.1 46.7

100 15.0 12.0 18.0

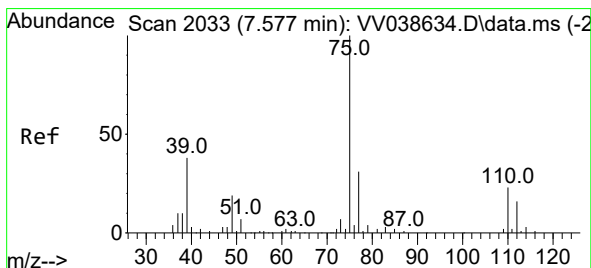
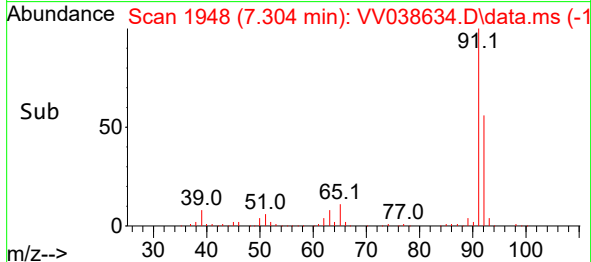
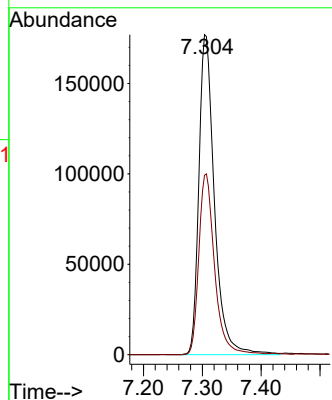
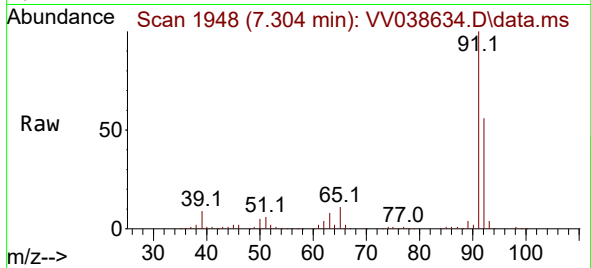




#42
Toluene
Concen: 5.44 ug/L
RT: 7.304 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VV038634.D
Acq: 06 Feb 2025 16:19

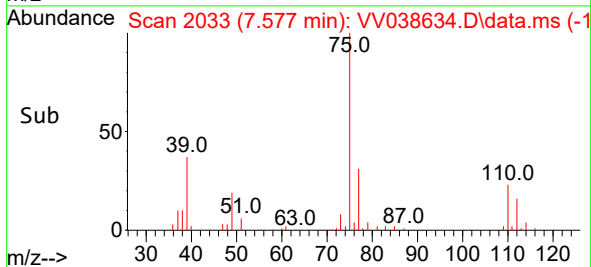
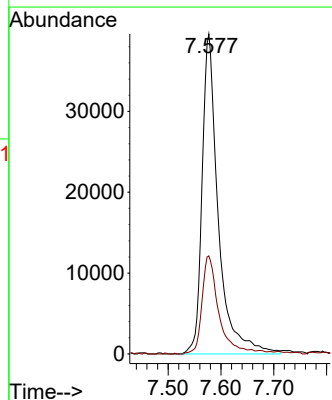
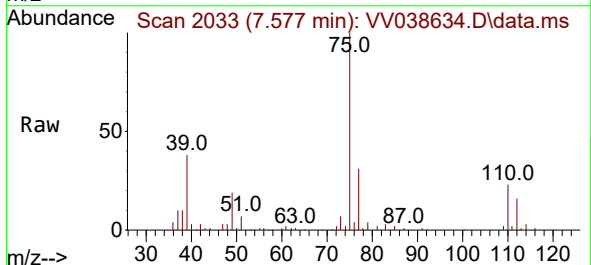
Instrument :
MSVOA_V
ClientSampleId :

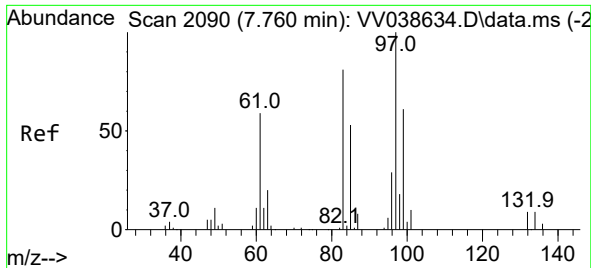
Tgt Ion: 91 Resp: 325787
Ion Ratio Lower Upper
91 100
92 56.1 39.3 72.9



#44
trans-1,3-Dichloropropene
Concen: 4.91 ug/L
RT: 7.577 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VV038634.D
Acq: 06 Feb 2025 16:19

Tgt Ion: 75 Resp: 84174
Ion Ratio Lower Upper
75 100
77 30.6 21.4 39.8

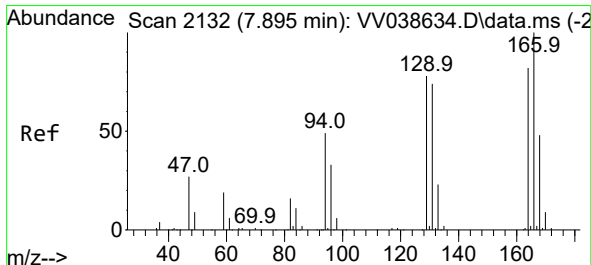
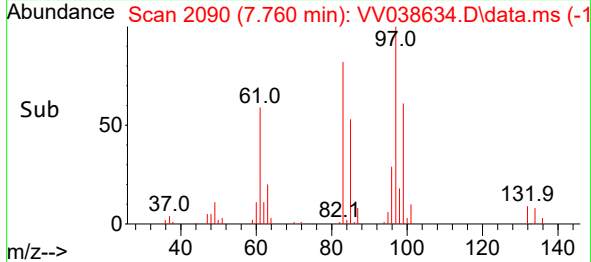
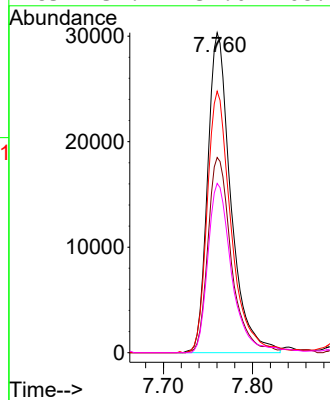
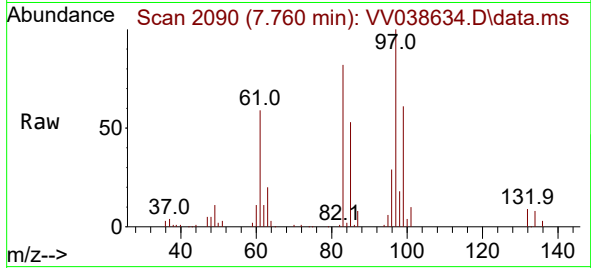




#45
1,1,2-Trichloroethane
Concen: 5.13 ug/L
RT: 7.760 min Scan# 2090
Delta R.T. 0.000 min
Lab File: VV038634.D
Acq: 06 Feb 2025 16:19

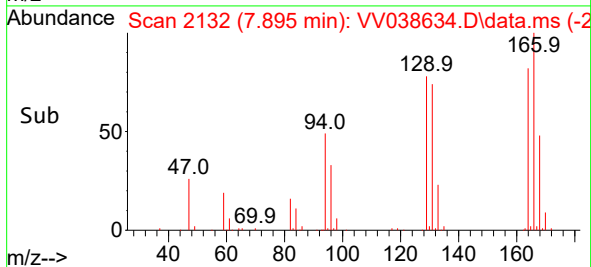
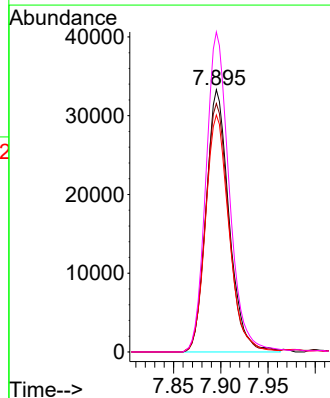
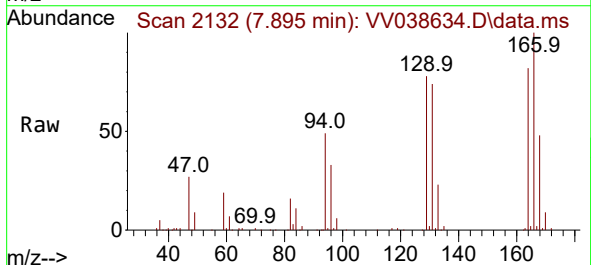
Instrument :
MSVOA_V
ClientSampleId :

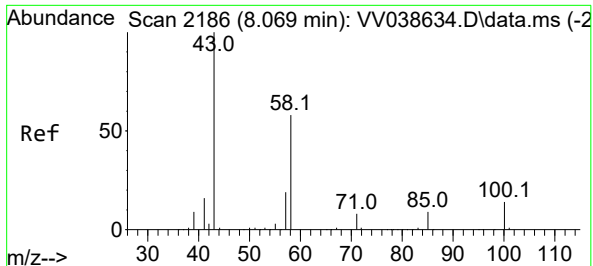
Tgt Ion: 97	Resp: 54815
Ion Ratio	Lower Upper
97 100	
99 61.0	42.7 79.3
83 81.7	57.2 106.2
85 52.9	37.0 68.8



#47
Tetrachloroethene
Concen: 4.95 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV038634.D
Acq: 06 Feb 2025 16:19

Tgt	Ion:164	Resp:	56517
Ion	Ratio	Lower	Upper
164	100		
129	94.7	66.3	123.1
131	90.3	63.2	117.4
166	122.0	85.4	158.6



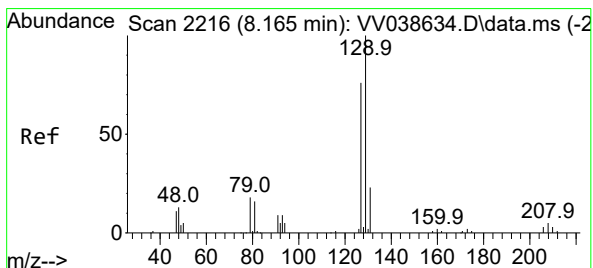
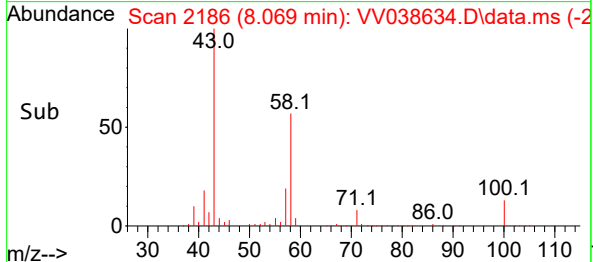
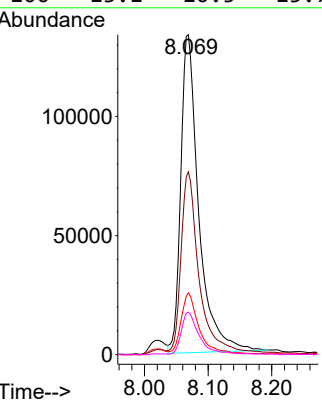
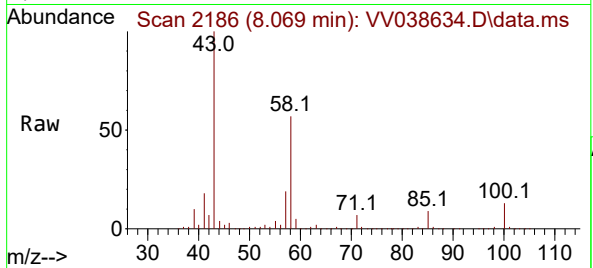


#48
2-Hexanone
Concen: 48.05 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VV038634.D
Acq: 06 Feb 2025 16:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 261935

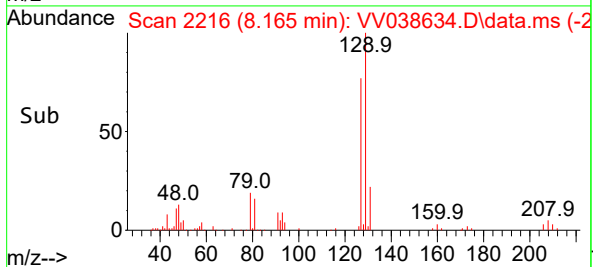
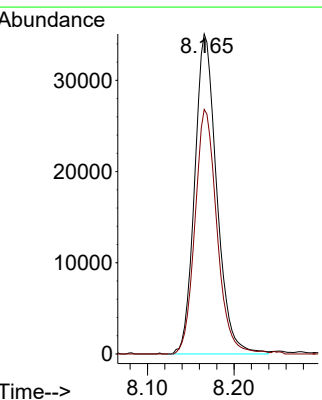
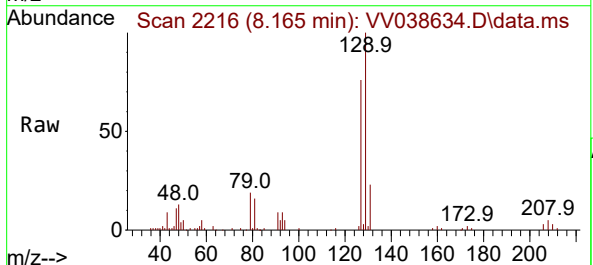
Ion	Ratio	Lower	Upper
43	100		
58	57.6	46.1	69.1
57	18.8	15.0	22.6
100	13.1	10.5	15.7

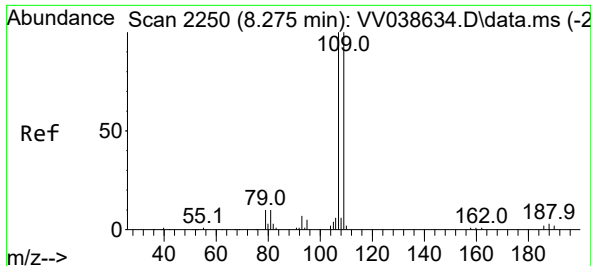


#49
Dibromochloromethane
Concen: 5.08 ug/L
RT: 8.165 min Scan# 2216
Delta R.T. 0.000 min
Lab File: VV038634.D
Acq: 06 Feb 2025 16:19

Tgt Ion: 129 Resp: 62058

Ion	Ratio	Lower	Upper
129	100		
127	76.4	53.5	99.3

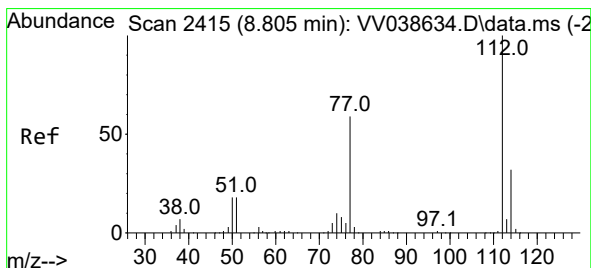
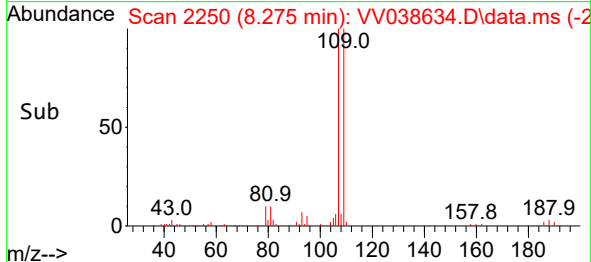
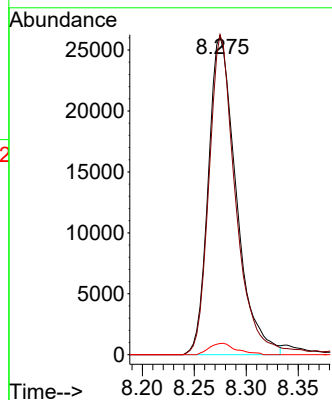
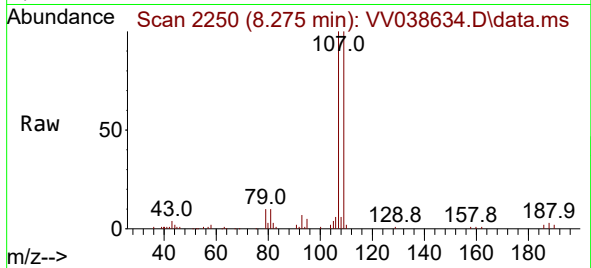




#50
1,2-Dibromoethane
Concen: 4.96 ug/L
RT: 8.275 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038634.D
Acq: 06 Feb 2025 16:19

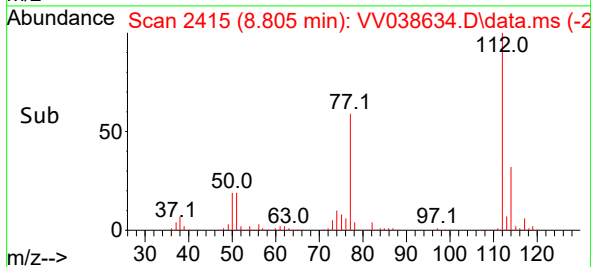
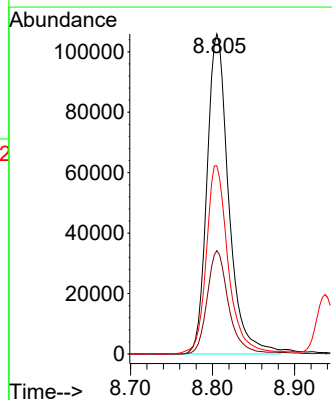
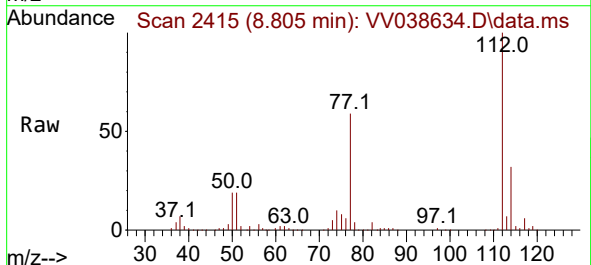
Instrument :
MSVOA_V
ClientSampleId :

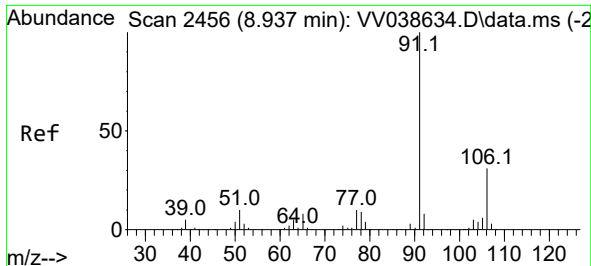
Tgt Ion:107 Resp: 48812
Ion Ratio Lower Upper
107 100
109 100.3 70.2 130.4
188 3.5 2.8 4.2



#51
Chlorobenzene
Concen: 4.89 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV038634.D
Acq: 06 Feb 2025 16:19

Tgt Ion:112 Resp: 195092
Ion Ratio Lower Upper
112 100
114 32.3 22.6 42.0
77 58.8 47.0 70.6

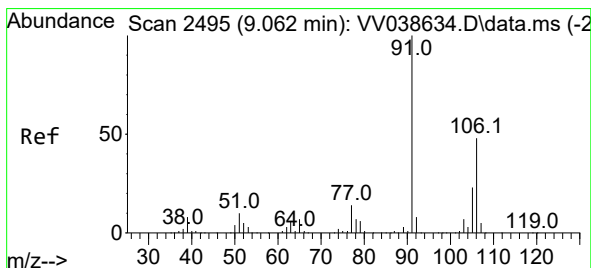
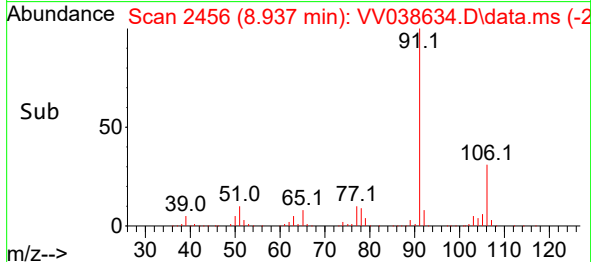
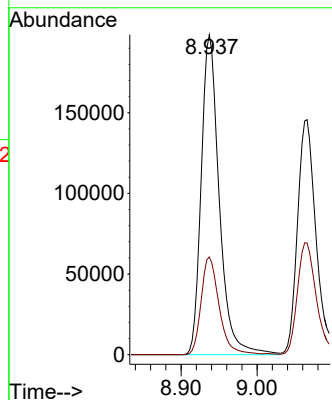
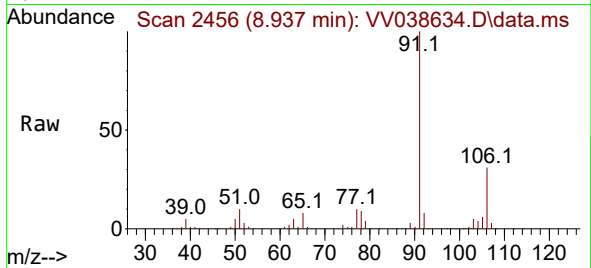




#52
Ethylbenzene
Concen: 5.09 ug/L
RT: 8.937 min Scan# 2456
Delta R.T. 0.000 min
Lab File: VV038634.D
Acq: 06 Feb 2025 16:19

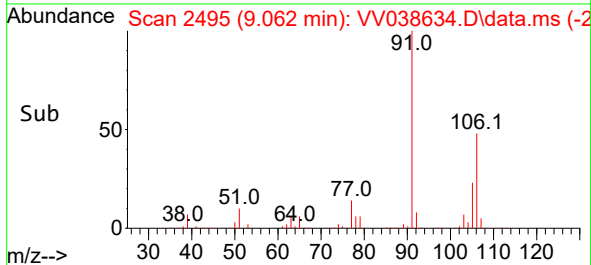
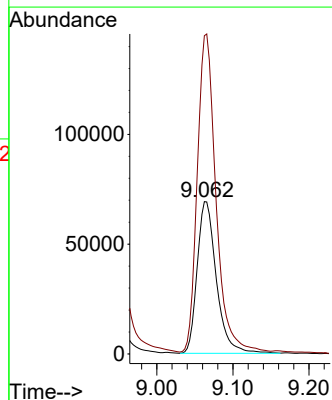
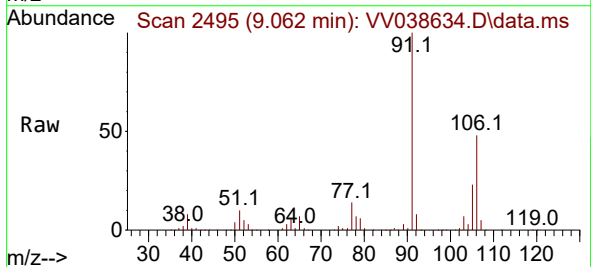
Instrument :
MSVOA_V
ClientSampleId :

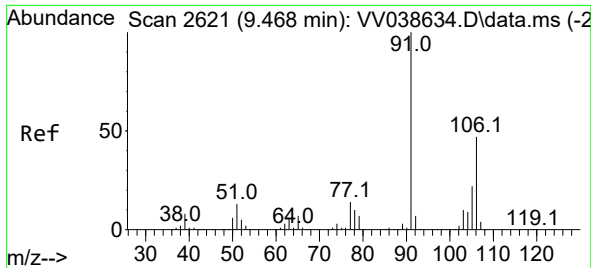
Tgt Ion: 91 Resp: 326623
Ion Ratio Lower Upper
91 100
106 30.5 21.3 39.6



#53
m,p-Xylene
Concen: 5.01 ug/L
RT: 9.062 min Scan# 2495
Delta R.T. 0.000 min
Lab File: VV038634.D
Acq: 06 Feb 2025 16:19

Tgt Ion: 106 Resp: 121140
Ion Ratio Lower Upper
106 100
91 209.0 146.3 271.7

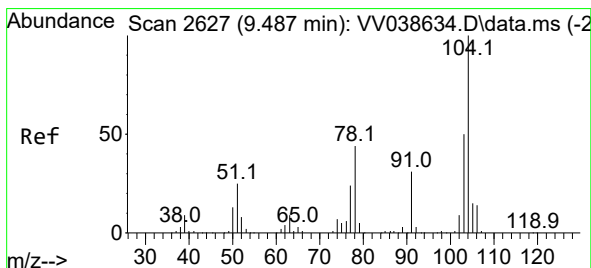
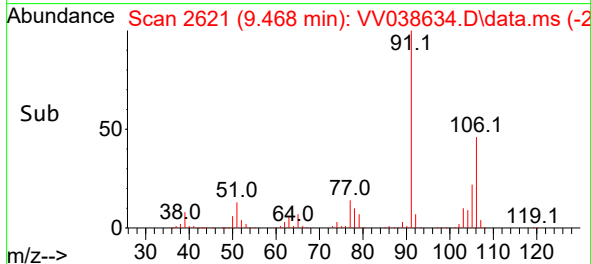
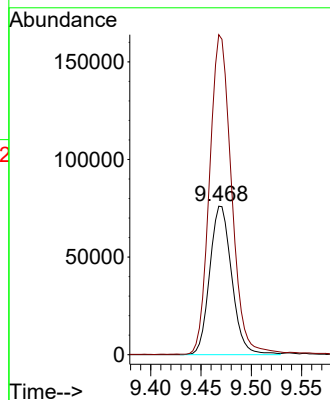
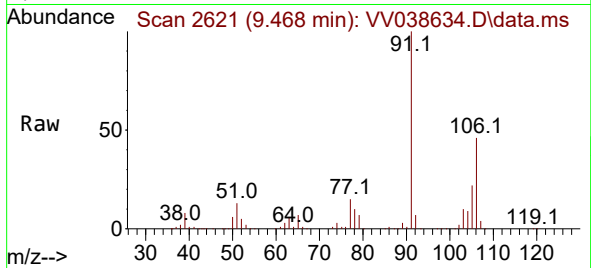




#54
o-Xylene
Concen: 5.03 ug/L
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV038634.D
Acq: 06 Feb 2025 16:19

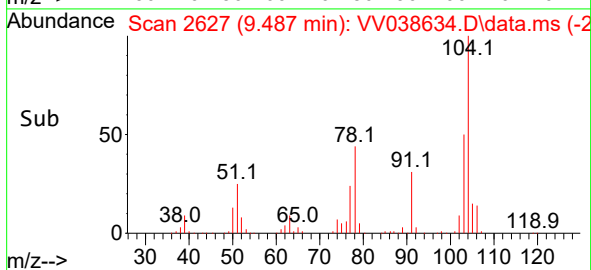
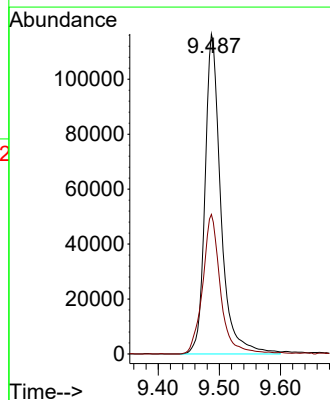
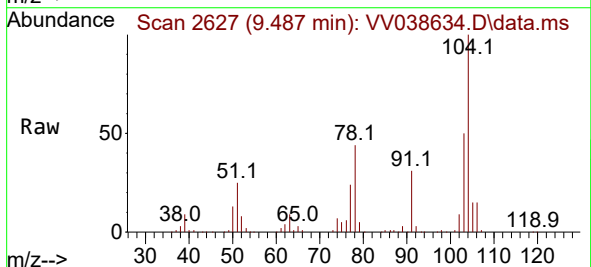
Instrument :
MSVOA_V
ClientSampleId :

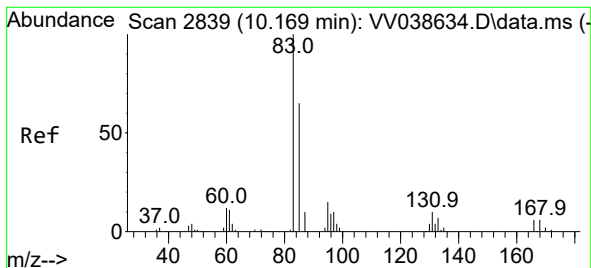
Tgt Ion:106 Resp: 115878
Ion Ratio Lower Upper
106 100
91 215.4 150.8 280.0



#55
Styrene
Concen: 5.23 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VV038634.D
Acq: 06 Feb 2025 16:19

Tgt Ion:104 Resp: 210289
Ion Ratio Lower Upper
104 100
78 43.6 30.5 56.7

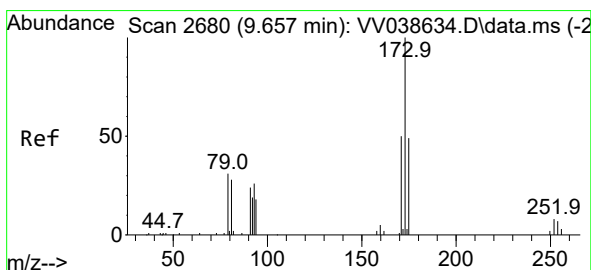
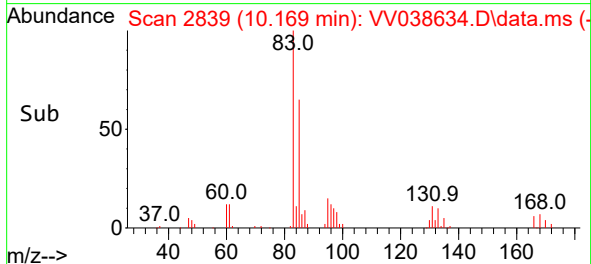
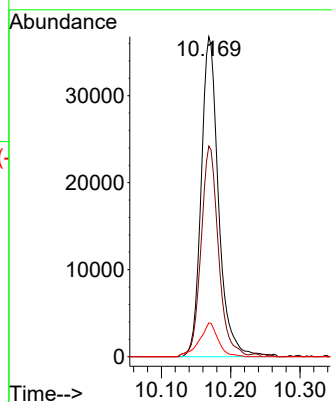
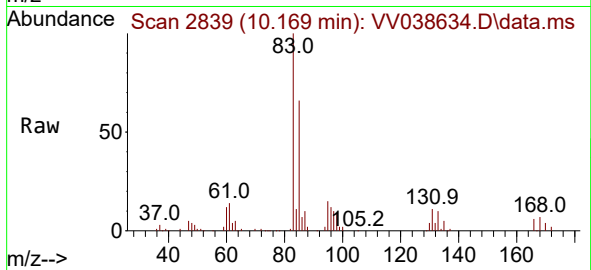




#57
1,1,2,2-Tetrachloroethane
Concen: 4.92 ug/L
RT: 10.169 min Scan# 2839
Delta R.T. 0.000 min
Lab File: VV038634.D
Acq: 06 Feb 2025 16:19

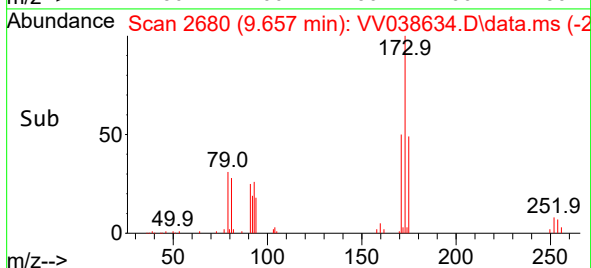
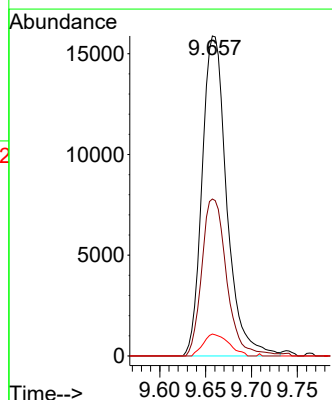
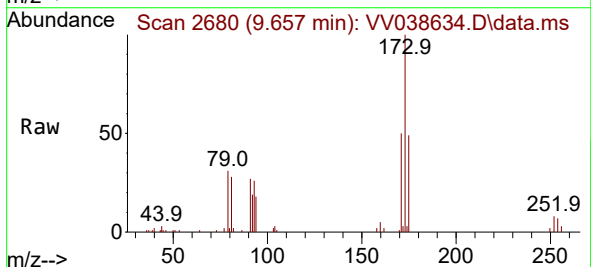
Instrument :
MSVOA_V
ClientSampleId :

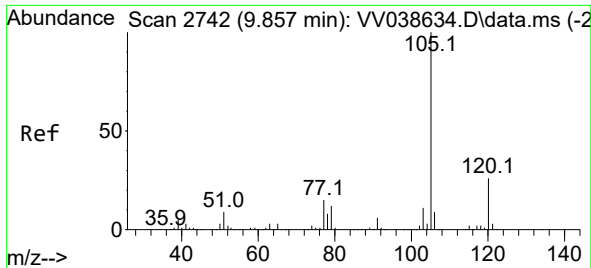
Tgt Ion: 83 Resp: 64128
Ion Ratio Lower Upper
83 100
85 65.8 46.1 85.5
131 10.6 8.5 12.7



#59
Bromoform
Concen: 4.50 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. 0.000 min
Lab File: VV038634.D
Acq: 06 Feb 2025 16:19

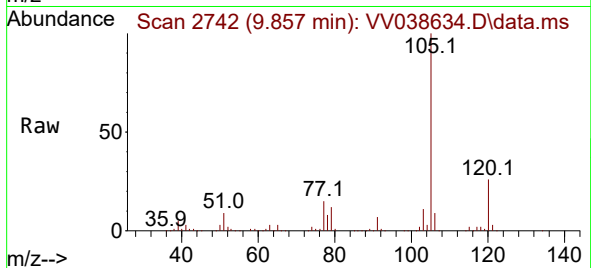
Tgt Ion: 173 Resp: 29708
Ion Ratio Lower Upper
173 100
175 49.4 39.5 59.3
254 7.1 5.7 8.5



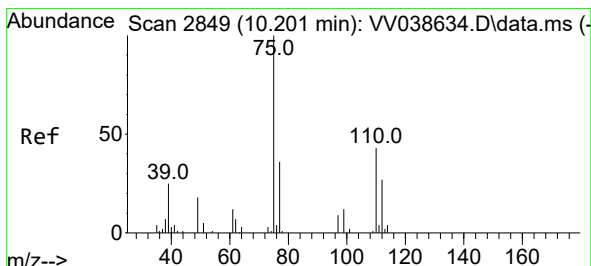
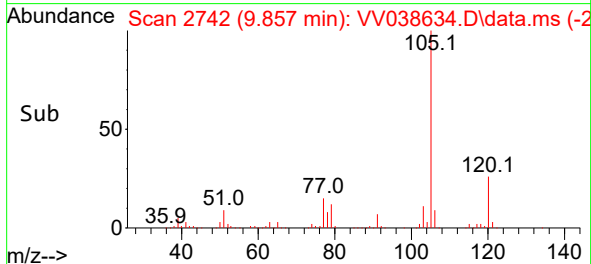
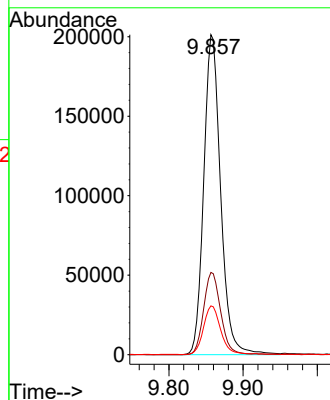


#60
Isopropylbenzene
Concen: 4.94 ug/L
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038634.D
Acq: 06 Feb 2025 16:19

Instrument :
MSVOA_V
ClientSampleId :

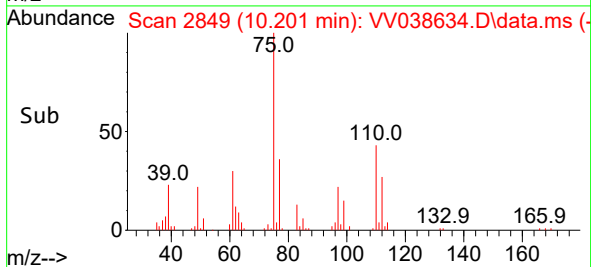
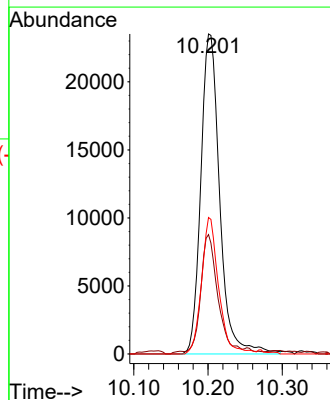
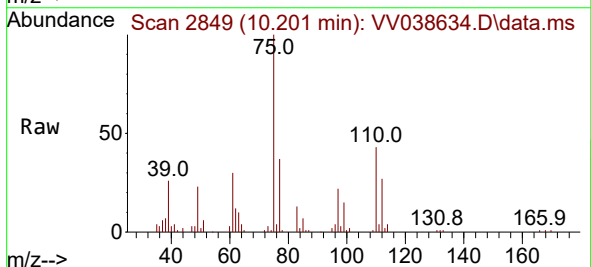


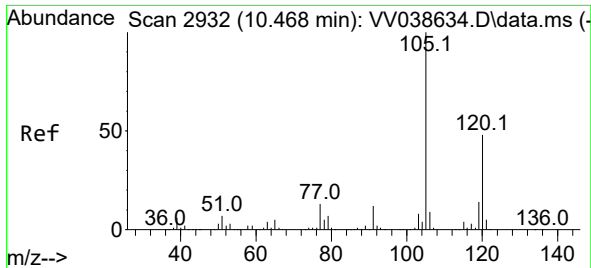
Tgt Ion:105 Resp: 318071
Ion Ratio Lower Upper
105 100
120 26.2 21.0 31.4
77 15.3 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 4.53 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. 0.000 min
Lab File: VV038634.D
Acq: 06 Feb 2025 16:19

Tgt Ion: 75 Resp: 41631
Ion Ratio Lower Upper
75 100
77 31.9 25.5 38.3
110 38.6 30.9 46.3

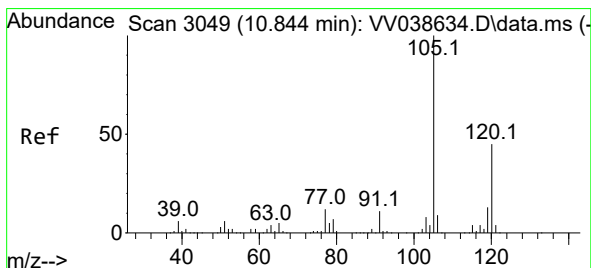
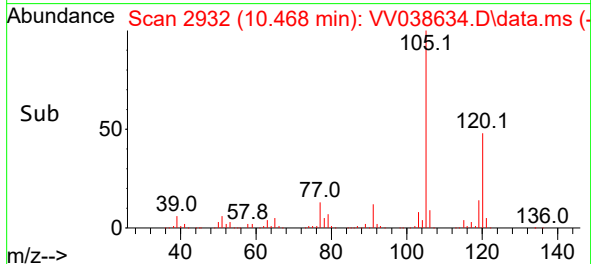
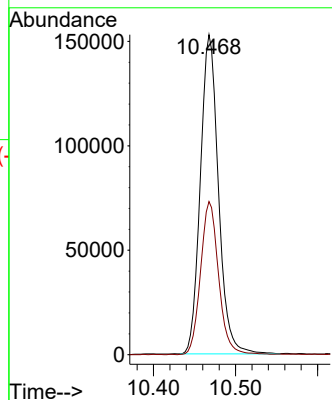
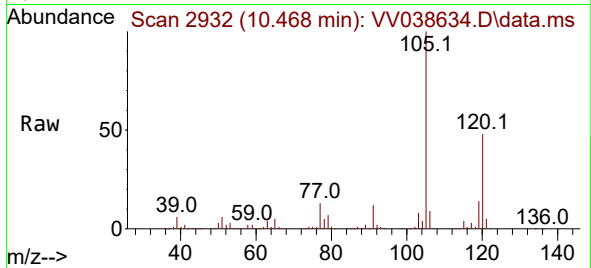




#62
 1,3,5-Trimethylbenzene
 Concen: 4.68 ug/L
 RT: 10.468 min Scan# 2932
 Delta R.T. 0.000 min
 Lab File: VV038634.D
 Acq: 06 Feb 2025 16:19

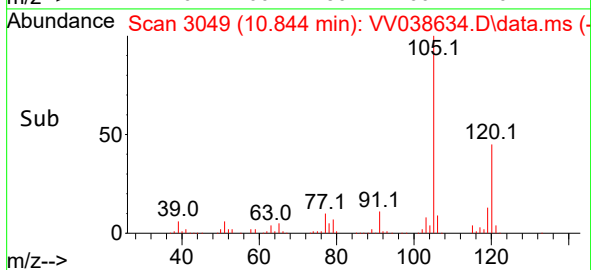
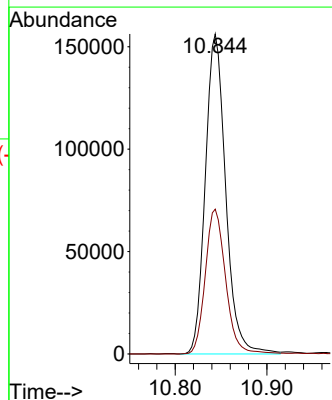
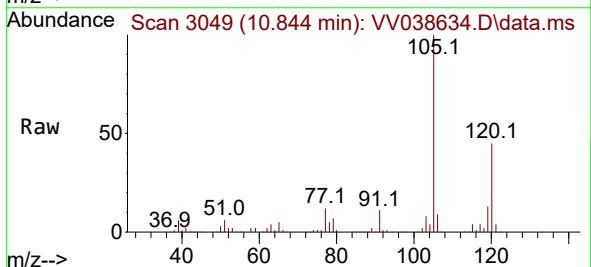
Instrument :
 MSVOA_V
 ClientSampleId :

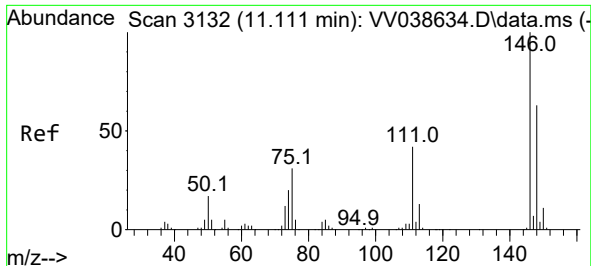
Tgt Ion:105 Resp: 234386
 Ion Ratio Lower Upper
 105 100
 120 47.9 38.3 57.5



#63
 1,2,4-Trimethylbenzene
 Concen: 4.84 ug/L
 RT: 10.844 min Scan# 3049
 Delta R.T. 0.000 min
 Lab File: VV038634.D
 Acq: 06 Feb 2025 16:19

Tgt Ion:105 Resp: 241119
 Ion Ratio Lower Upper
 105 100
 120 45.2 36.2 54.2

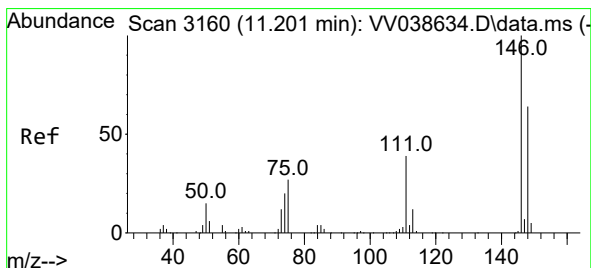
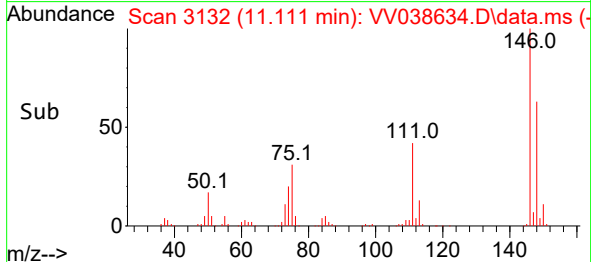
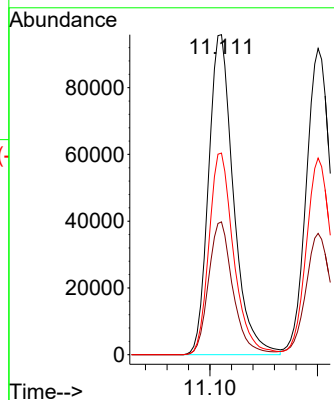
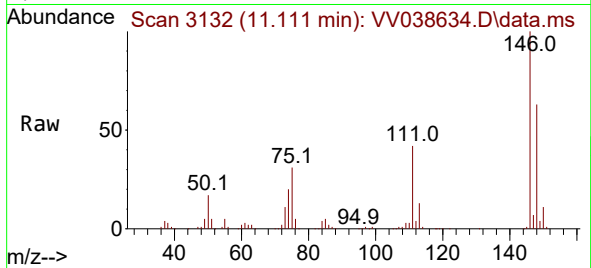




#64
1,3-Dichlorobenzene
Concen: 4.87 ug/L
RT: 11.111 min Scan# 3132
Delta R.T. 0.000 min
Lab File: VV038634.D
Acq: 06 Feb 2025 16:19

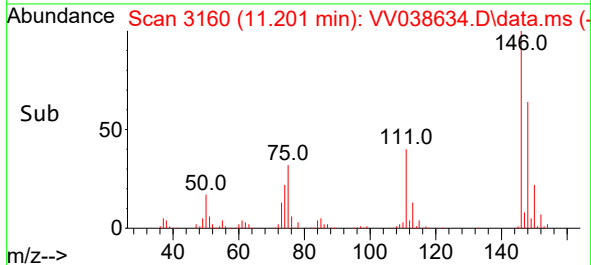
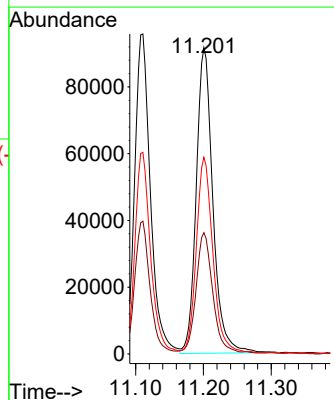
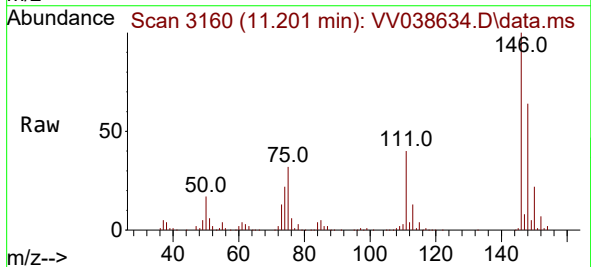
Instrument :
MSVOA_V
ClientSampleId :

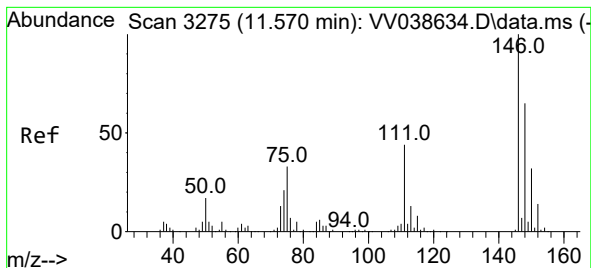
Tgt Ion:146 Resp: 154607
Ion Ratio Lower Upper
146 100
111 41.5 29.0 53.9
148 63.0 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 4.76 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. 0.000 min
Lab File: VV038634.D
Acq: 06 Feb 2025 16:19

Tgt Ion:146 Resp: 155979
Ion Ratio Lower Upper
146 100
111 39.6 27.7 51.5
148 64.2 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 4.73 ug/L

RT: 11.570 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038634.D

Acq: 06 Feb 2025 16:19

Instrument :

MSVOA_V

ClientSampleId :

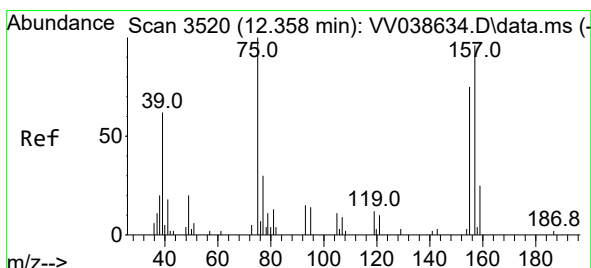
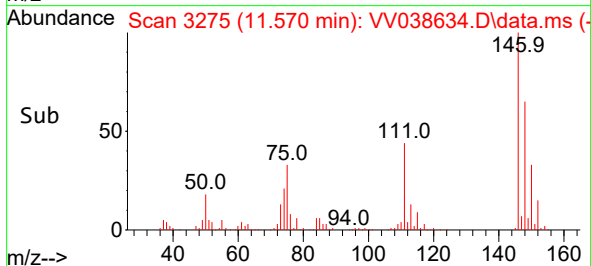
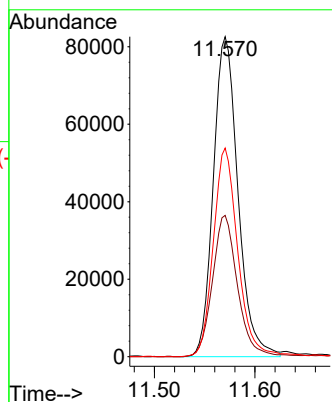
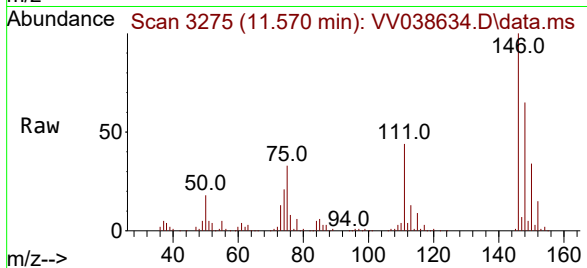
Tgt Ion:146 Resp: 140764

Ion Ratio Lower Upper

146 100

111 44.2 35.4 53.0

148 65.2 52.2 78.2



#68

1,2-Dibromo-3-chloropropane

Concen: 4.30 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.000 min

Lab File: VV038634.D

Acq: 06 Feb 2025 16:19

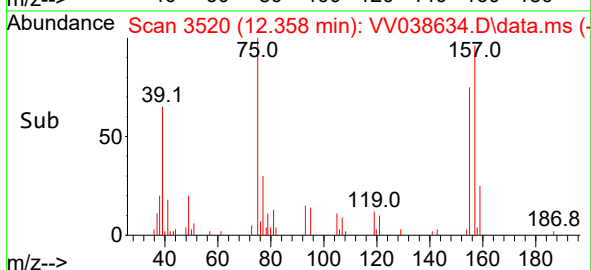
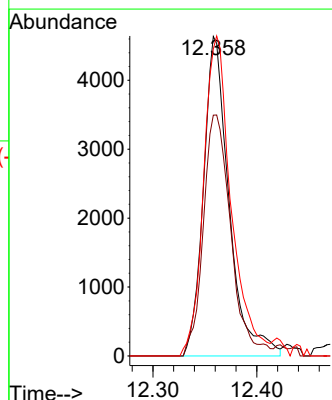
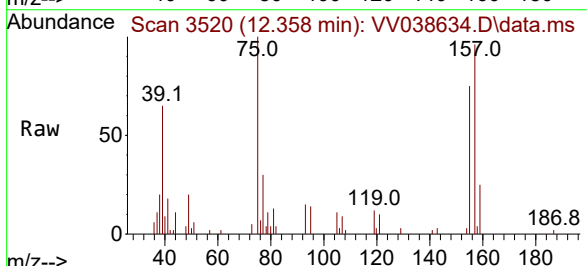
Tgt Ion: 75 Resp: 7944

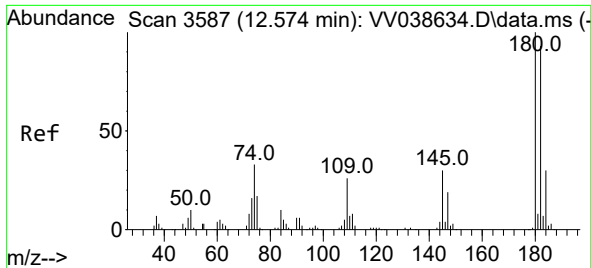
Ion Ratio Lower Upper

75 100

155 75.4 60.3 90.5

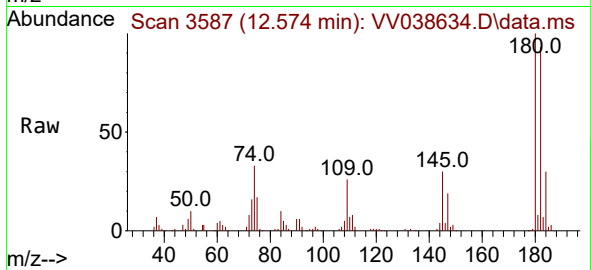
157 96.1 76.9 115.3



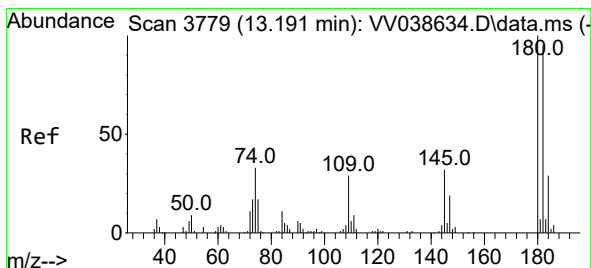
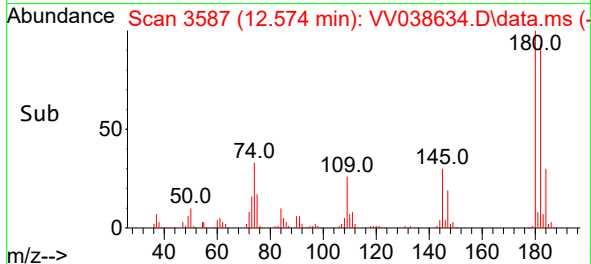
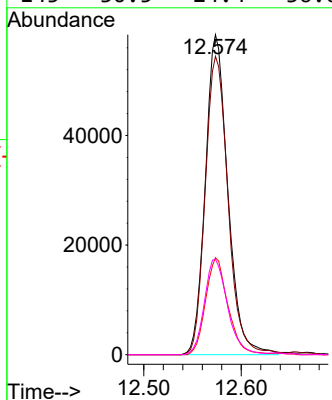


#69
 1,3,5-Trichlorobenzene
 Concen: 4.36 ug/L
 RT: 12.574 min Scan# 3587
 Delta R.T. 0.000 min
 Lab File: VV038634.D
 Acq: 06 Feb 2025 16:19

Instrument :
 MSVOA_V
 ClientSampleId :

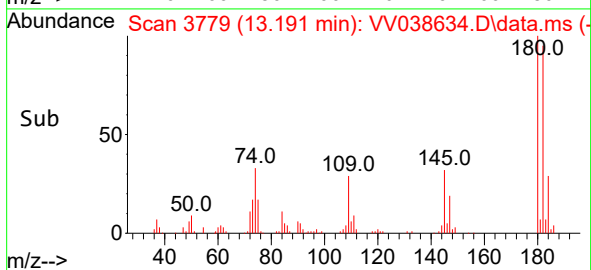
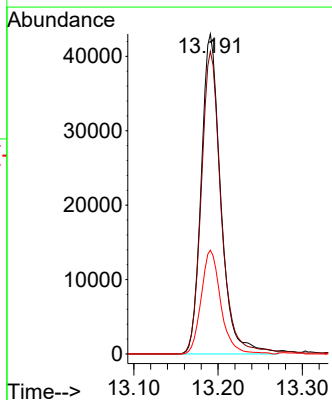
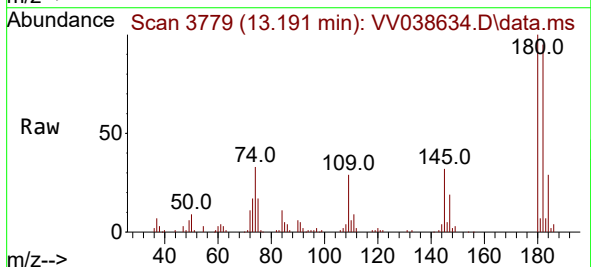


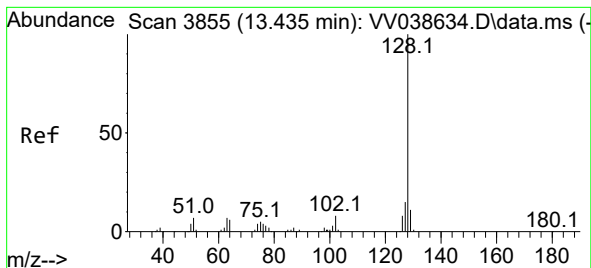
Tgt Ion:180 Resp: 93698
 Ion Ratio Lower Upper
 180 100
 182 94.5 75.6 113.4
 184 30.1 24.1 36.1
 145 30.5 24.4 36.6



#70
 1,2,4-trichlorobenzene
 Concen: 4.32 ug/L
 RT: 13.191 min Scan# 3779
 Delta R.T. 0.000 min
 Lab File: VV038634.D
 Acq: 06 Feb 2025 16:19

Tgt Ion:180 Resp: 69596
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.6 115.0
 145 32.5 26.0 39.0





#71

Naphthalene

Concen: 3.86 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV038634.D

Acq: 06 Feb 2025 16:19

Instrument :

MSVOA_V

ClientSampleId :

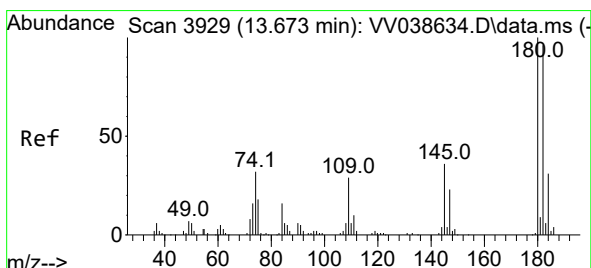
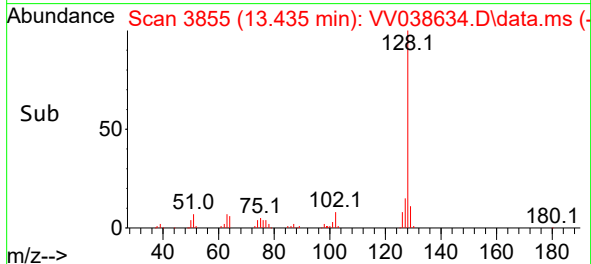
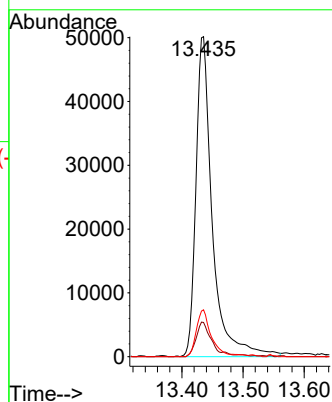
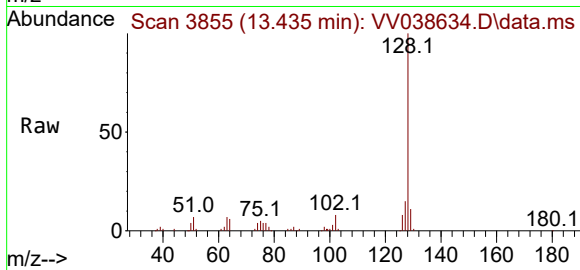
Tgt Ion:128 Resp: 93331

Ion Ratio Lower Upper

128 100

129 9.5 7.6 11.4

127 13.6 10.9 16.3



#72

1,2,3-Trichlorobenzene

Concen: 4.43 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV038634.D

Acq: 06 Feb 2025 16:19

Tgt Ion:180 Resp: 61912

Ion Ratio Lower Upper

180 100

182 95.0 76.0 114.0

145 35.5 28.4 42.6

