

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
 Data File : VV038257.D
 Acq On : 22 Nov 2024 08:34
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 22 23:36:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 01:41:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	237042	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.777	117	252891	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	134287	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	75662	4.164	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.200%
7) Chloroethane-d5	1.529	69	68608	4.668	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.053	65	34129	4.365	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.400%
20) 2-Butanone-d5	3.793	46	156309	43.006	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.020%
24) Chloroform-d	4.240	84	166763	4.729	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	4.934	65	72921	4.609	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	4.950	84	292845	4.480	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	5.979	67	88470	4.399	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.233	98	272929	4.513	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	7.551	79	32912	4.401	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.018	63	117894	40.560	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.120%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	75721	4.435	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	11.551	152	98748	4.316	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	97208	4.334	ug/L	99
3) Chloromethane	1.214	50	84703	4.386	ug/L	99
5) Vinyl chloride	1.278	62	92143	4.211	ug/L	96
6) Bromomethane	1.484	94	51819	6.073	ug/L	94
8) Chloroethane	1.545	64	62373	4.473	ug/L	99
9) Trichlorofluoromethane	1.709	101	136190	4.373	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	80305	4.518	ug/L	98
12) 1,1-Dichloroethene	2.063	96	74134	4.379	ug/L	97
13) Acetone	2.124	43	105288	39.168	ug/L	97
14) Carbon disulfide	2.233	76	217525	3.988	ug/L	99
15) Methyl Acetate	2.381	43	25337	3.881	ug/L #	89
16) Methylene chloride	2.442	84	80265	4.157	ug/L	98
17) Methyl tert-butyl Ether	2.696	73	146539	3.828	ug/L	99
18) trans-1,2-Dichloroethene	2.687	96	73587	4.126	ug/L	98
19) 1,1-Dichloroethane	3.105	63	135898	4.198	ug/L	99
21) 2-Butanone	3.876	43	130373	33.792	ug/L	89
22) cis-1,2-Dichloroethene	3.806	96	76118	4.127	ug/L	98
23) Bromochloromethane	4.143	128	37054	4.115	ug/L	92
25) Chloroform	4.265	83	145637	4.205	ug/L	100

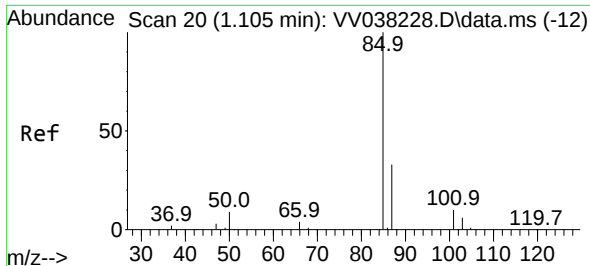
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
 Data File : VV038257.D
 Acq On : 22 Nov 2024 08:34
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 22 23:36:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 01:41:27 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	81440	4.321	ug/L	100
29) 1,1,1-Trichloroethane	4.500	97	131161	4.324	ug/L	98
30) Cyclohexane	4.571	56	96569	3.839	ug/L	99
31) Carbon tetrachloride	4.722	117	114702	4.287	ug/L	98
33) Benzene	5.002	78	299219	4.212	ug/L	100
34) Trichloroethene	5.828	95	77918	4.024	ug/L	98
35) Methylcyclohexane	6.040	83	105098	3.836	ug/L	99
37) 1,2-Dichloropropane	6.082	63	74160	4.168	ug/L	98
38) Bromodichloromethane	6.426	83	98430	4.115	ug/L	97
39) cis-1,3-Dichloropropene	6.950	75	97614	3.930	ug/L	99
40) 4-Methyl-2-pentanone	7.150	43	360973	38.761	ug/L	97
42) Toluene	7.307	91	330758	4.397	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	87064	4.149	ug/L	96
45) 1,1,2-Trichloroethane	7.764	97	60554	4.196	ug/L	99
47) Tetrachloroethene	7.896	164	65334	4.199	ug/L	99
48) 2-Hexanone	8.069	43	258623	38.296	ug/L	98
49) Dibromochloromethane	8.169	129	63974	4.066	ug/L	100
50) 1,2-Dibromoethane	8.275	107	53795	4.021	ug/L	94
51) Chlorobenzene	8.805	112	212144	4.093	ug/L	98
52) Ethylbenzene	8.937	91	321437	4.028	ug/L	99
53) m,p-Xylene	9.066	106	124933	4.148	ug/L	97
54) o-Xylene	9.471	106	121342	4.139	ug/L	92
55) Styrene	9.490	104	212574	4.113	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	66230	3.925	ug/L	97
59) Bromoform	9.661	173	32622	4.174	ug/L	97
60) Isopropylbenzene	9.857	105	322147	4.165	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	46108	4.010	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	243343	3.965	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	244902	4.001	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	172375	4.151	ug/L	98
65) 1,4-Dichlorobenzene	11.201	146	175750	4.186	ug/L	99
67) 1,2-Dichlorobenzene	11.571	146	157490	4.097	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	9122	3.535	ug/L	95
69) 1,3,5-Trichlorobenzene	12.574	180	116546	3.962	ug/L	97
70) 1,2,4-trichlorobenzene	13.191	180	86324	3.550	ug/L	95
71) Naphthalene	13.435	128	105244	2.782	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	77253	3.438	ug/L	99

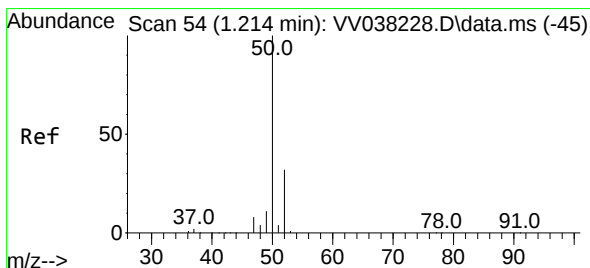
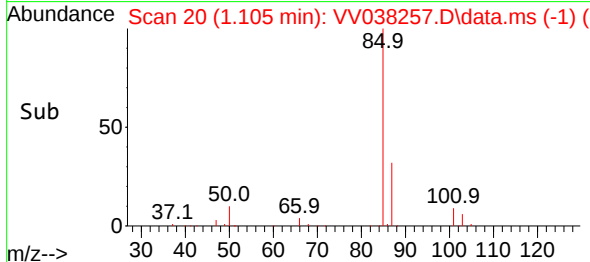
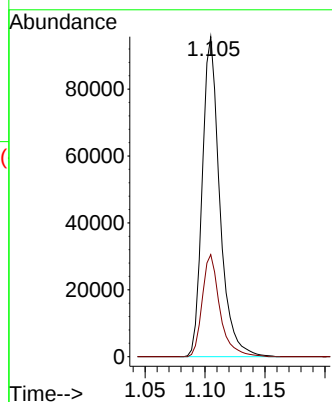
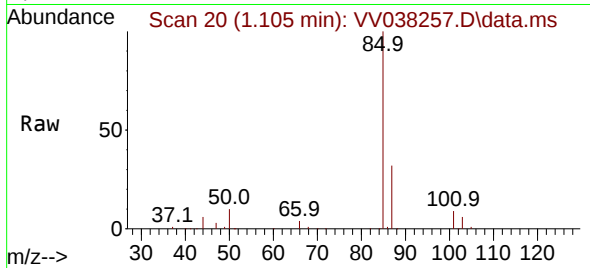
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.334 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV038257.D
 Acq: 22 Nov 2024 08:34

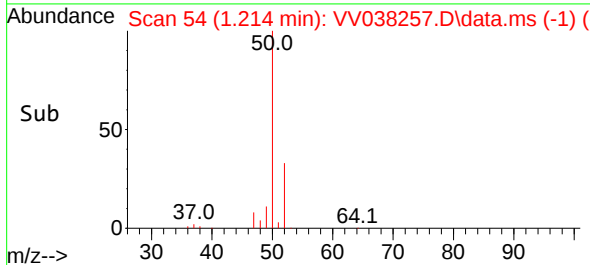
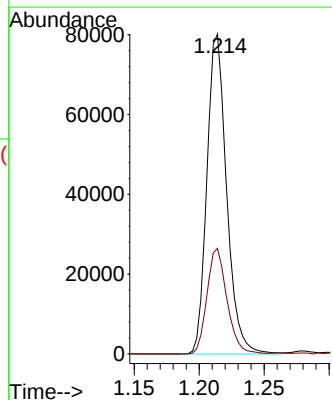
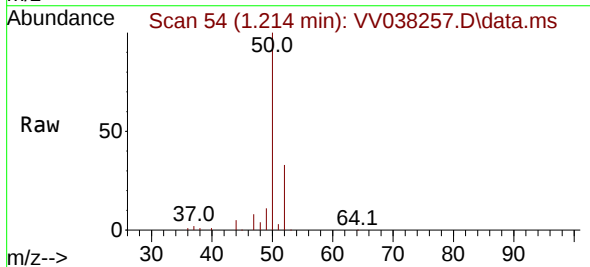
Instrument :
 MSVOA_V
 ClientSampleId :

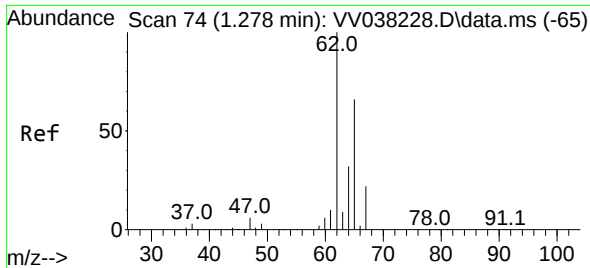
Tgt Ion: 85 Resp: 97208
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.5 39.7



#3
 Chloromethane
 Concen: 4.386 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV038257.D
 Acq: 22 Nov 2024 08:34

Tgt Ion: 50 Resp: 84703
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.5 43.7

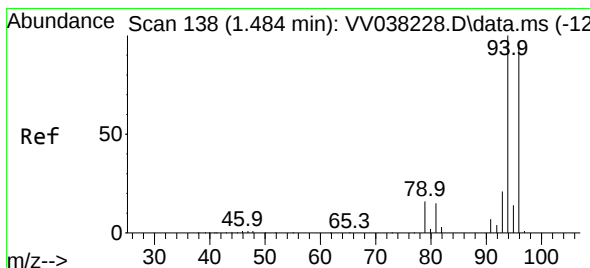
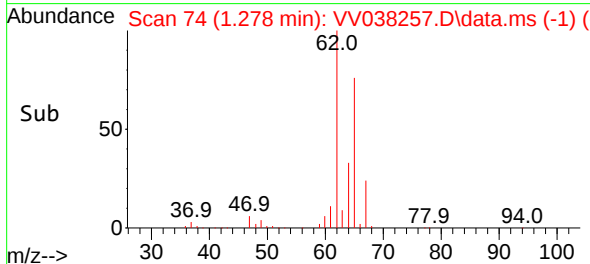
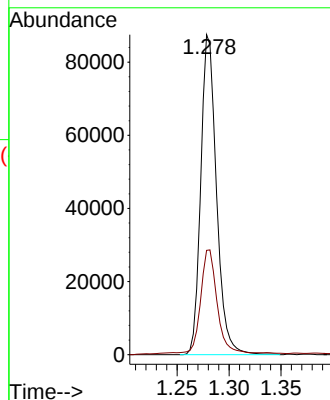
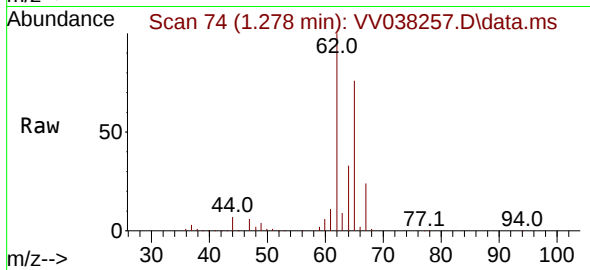




#5
 Vinyl chloride
 Concen: 4.211 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VV038257.D
 Acq: 22 Nov 2024 08:34

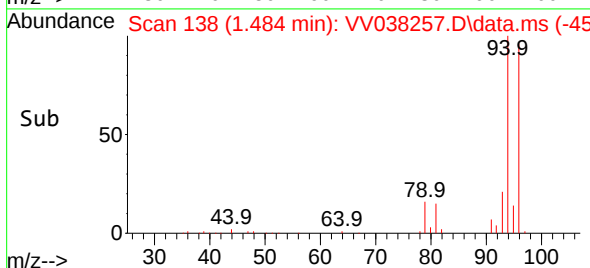
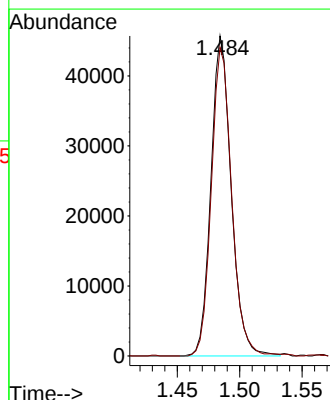
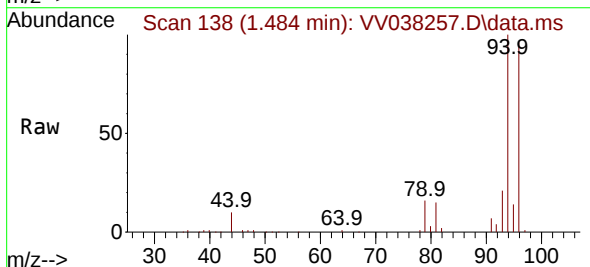
Instrument :
 MSVOA_V
 ClientSampleId :

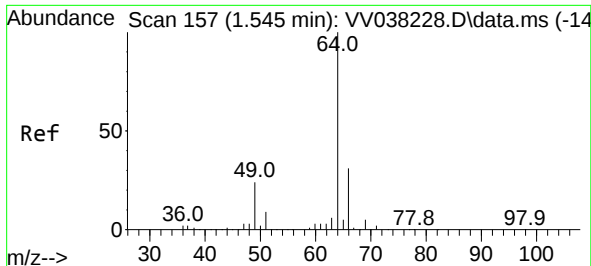
Tgt Ion: 62 Resp: 92143
 Ion Ratio Lower Upper
 62 100
 64 32.6 24.4 45.4



#6
 Bromomethane
 Concen: 6.073 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VV038257.D
 Acq: 22 Nov 2024 08:34

Tgt Ion: 94 Resp: 51819
 Ion Ratio Lower Upper
 94 100
 96 96.4 63.7 118.3

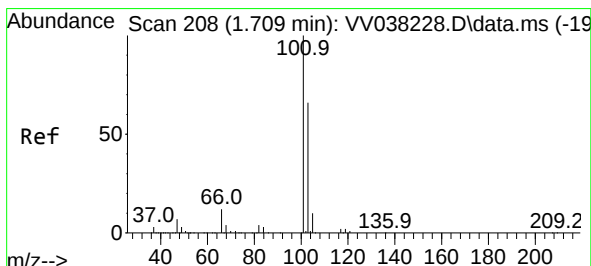
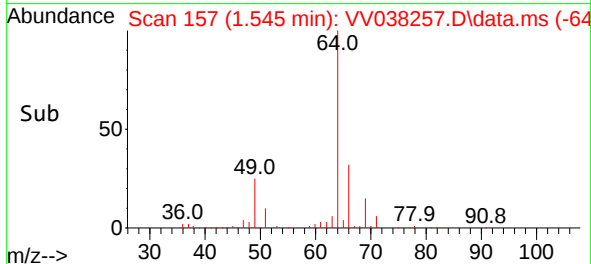
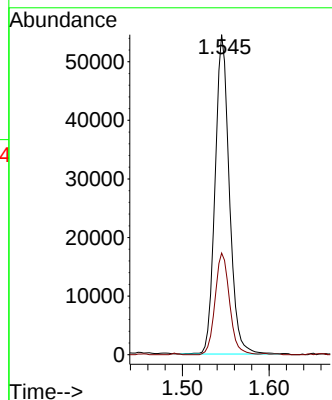
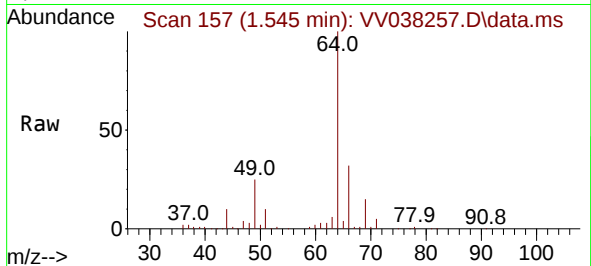




#8
Chloroethane
Concen: 4.473 ug/L
RT: 1.545 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038257.D
Acq: 22 Nov 2024 08:34

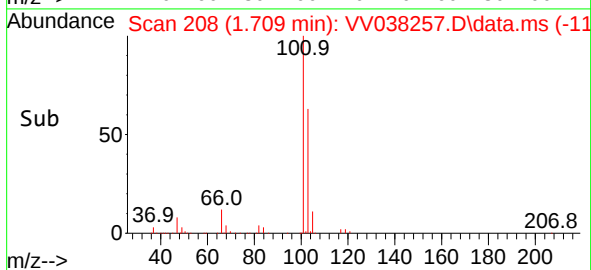
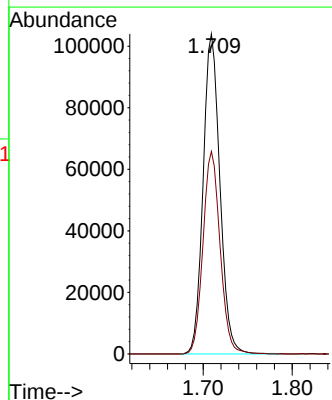
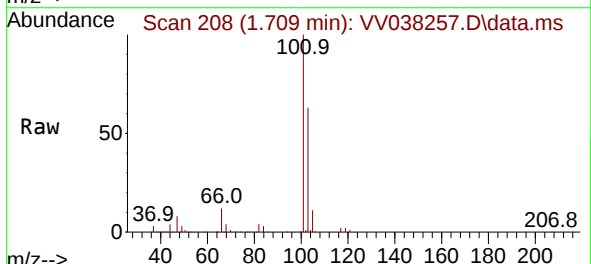
Instrument :
MSVOA_V
ClientSampleId :

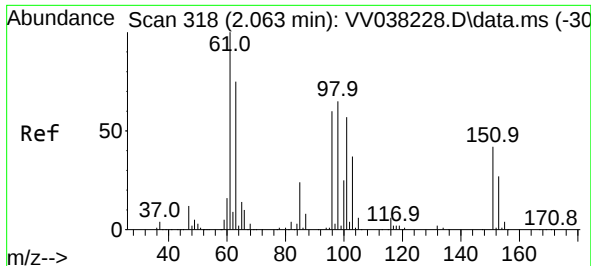
Tgt Ion: 64 Resp: 62373
Ion Ratio Lower Upper
64 100
66 31.8 22.0 40.8



#9
Trichlorofluoromethane
Concen: 4.373 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038257.D
Acq: 22 Nov 2024 08:34

Tgt Ion:101 Resp: 136190
Ion Ratio Lower Upper
101 100
103 64.4 51.5 77.3

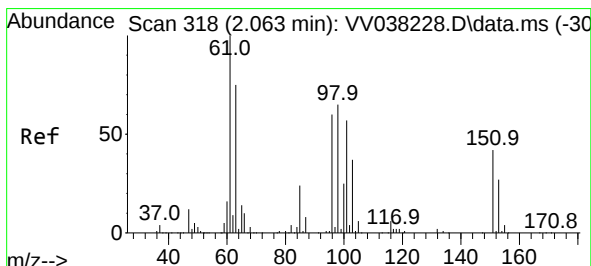
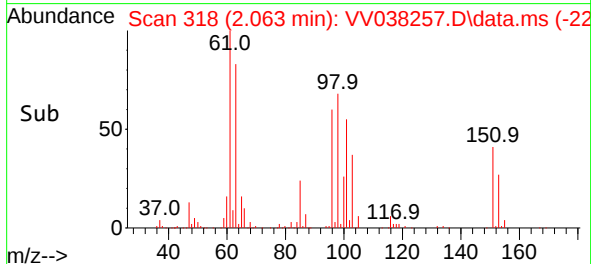
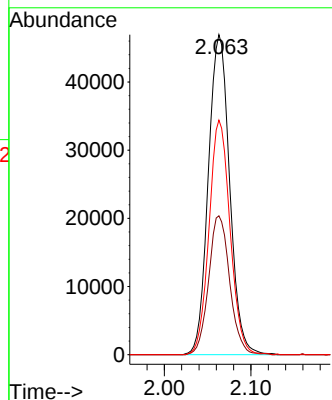
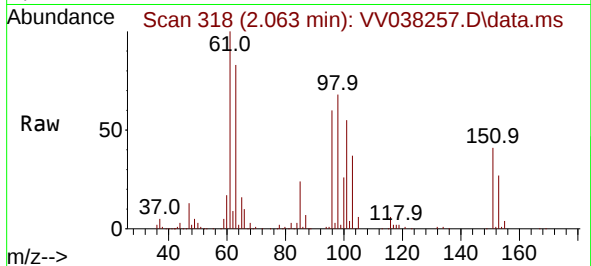




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.518 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VV038257.D
 Acq: 22 Nov 2024 08:34

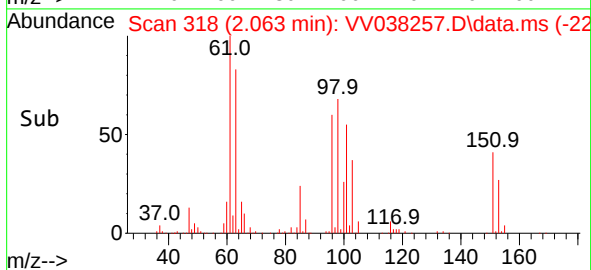
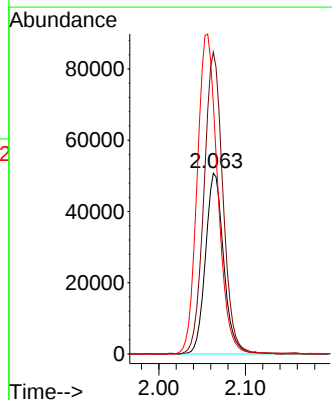
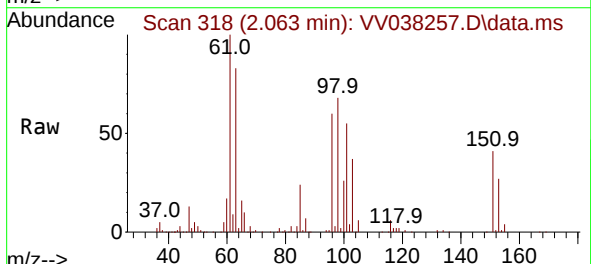
Instrument :
 MSVOA_V
 ClientSampleId :

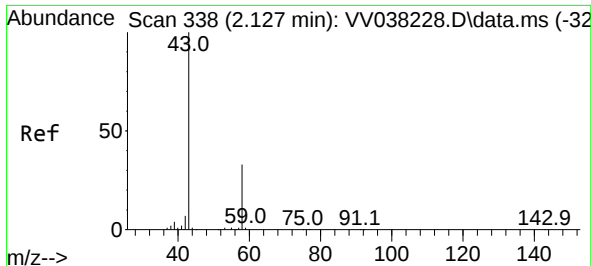
Tgt Ion:101 Resp: 80305
 Ion Ratio Lower Upper
 101 100
 85 43.0 33.4 50.0
 151 72.1 58.8 88.2



#12
 1,1-Dichloroethene
 Concen: 4.379 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VV038257.D
 Acq: 22 Nov 2024 08:34

Tgt Ion: 96 Resp: 74134
 Ion Ratio Lower Upper
 96 100
 61 167.0 115.7 214.9
 63 138.9 101.1 187.7





#13

Acetone

Concen: 39.168 ug/L

RT: 2.124 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV038257.D

Acq: 22 Nov 2024 08:34

Instrument :

MSVOA_V

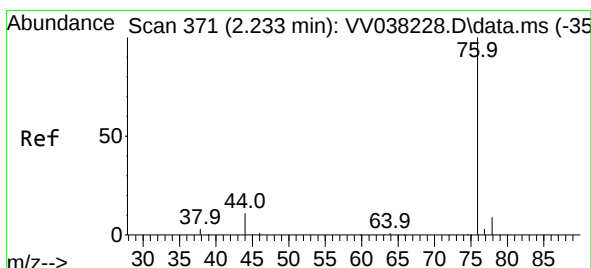
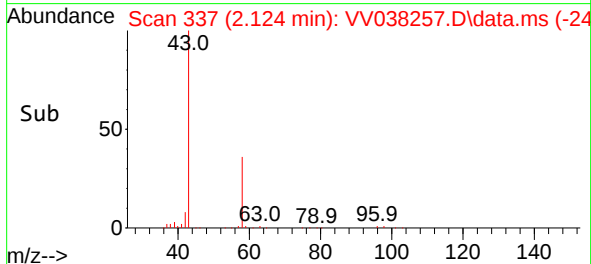
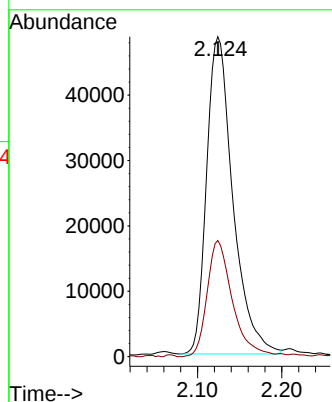
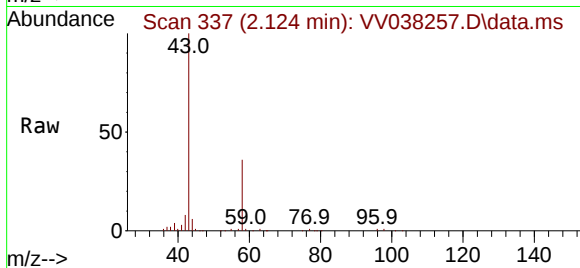
ClientSampleId :

Tgt Ion: 43 Resp: 105288

Ion Ratio Lower Upper

43 100

58 35.2 0.0 67.2



#14

Carbon disulfide

Concen: 3.988 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.000 min

Lab File: VV038257.D

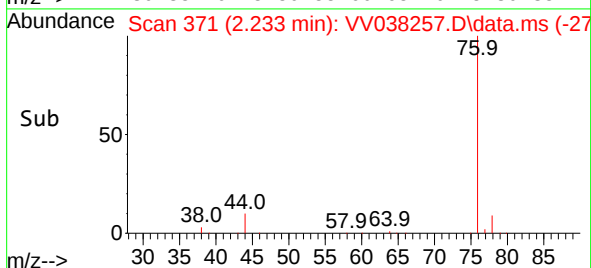
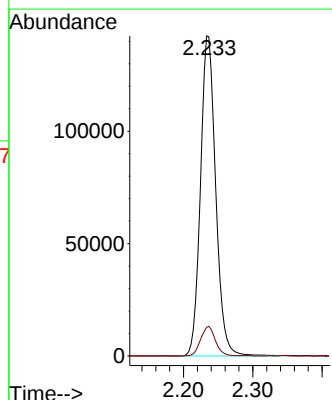
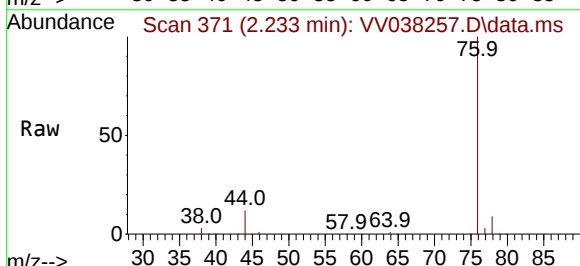
Acq: 22 Nov 2024 08:34

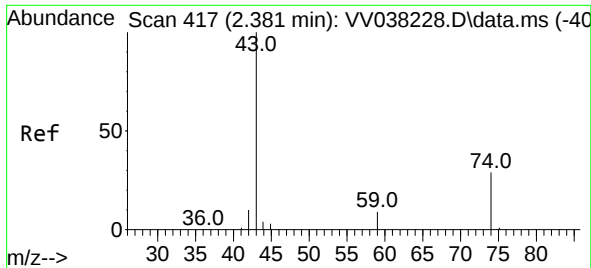
Tgt Ion: 76 Resp: 217525

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

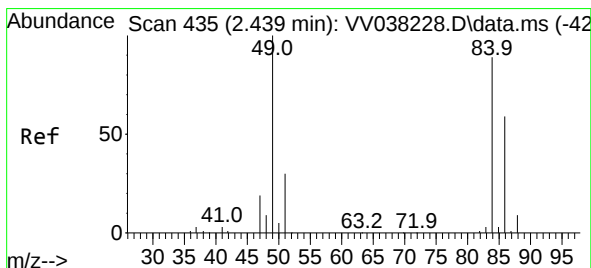
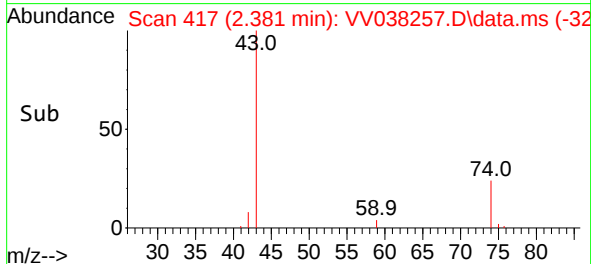
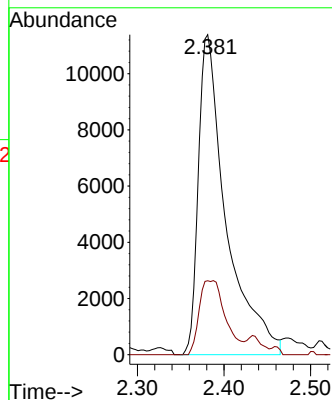
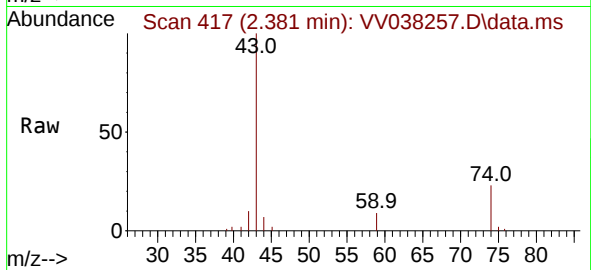




#15
Methyl Acetate
Concen: 3.881 ug/L
RT: 2.381 min Scan# 417
Delta R.T. 0.000 min
Lab File: VV038257.D
Acq: 22 Nov 2024 08:34

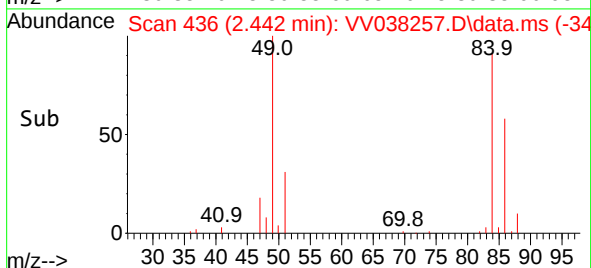
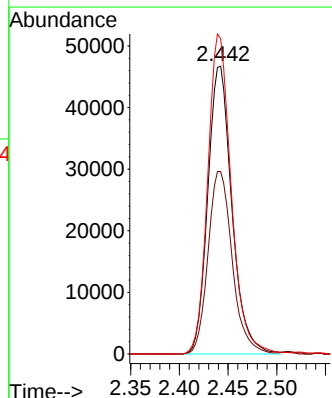
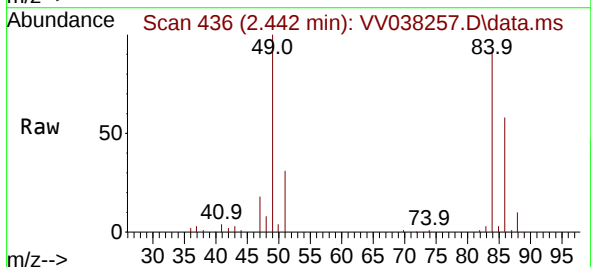
Instrument :
MSVOA_V
ClientSampleId :

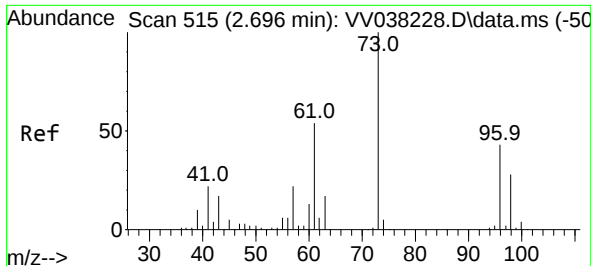
Tgt Ion: 43 Resp: 25337
Ion Ratio Lower Upper
43 100
74 22.1 22.4 33.6#



#16
Methylene chloride
Concen: 4.157 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038257.D
Acq: 22 Nov 2024 08:34

Tgt Ion: 84 Resp: 80265
Ion Ratio Lower Upper
84 100
86 63.4 44.2 82.2
49 109.5 74.9 139.1

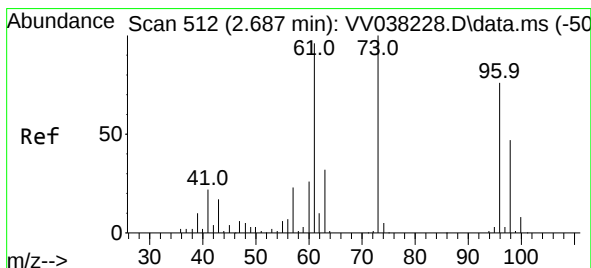
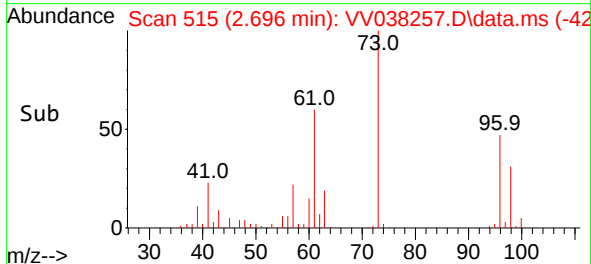
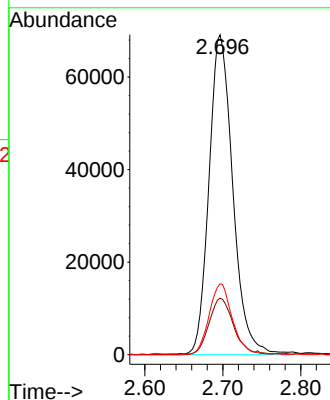
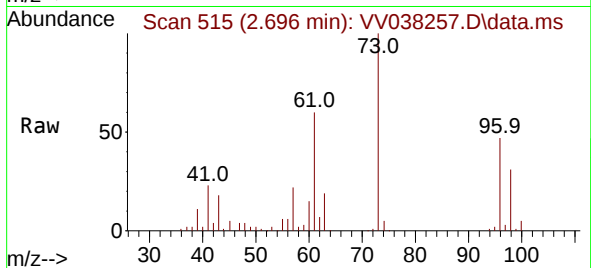




#17
Methyl tert-butyl Ether
Concen: 3.828 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.000 min
Lab File: VV038257.D
Acq: 22 Nov 2024 08:34

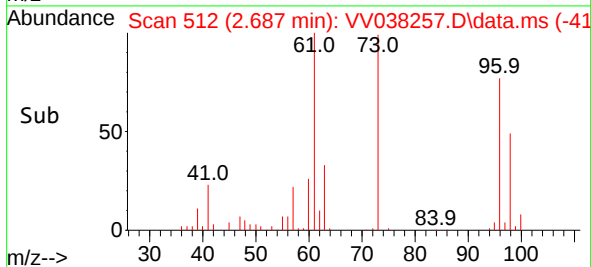
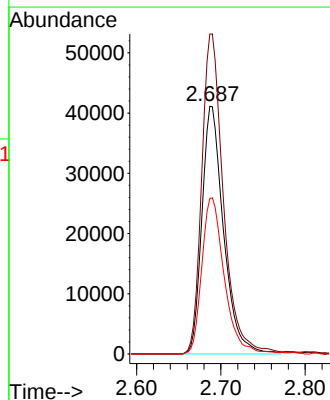
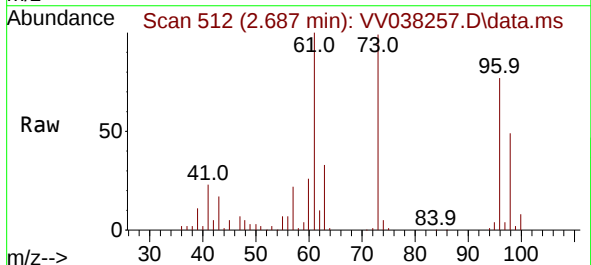
Instrument :
MSVOA_V
ClientSampleId :

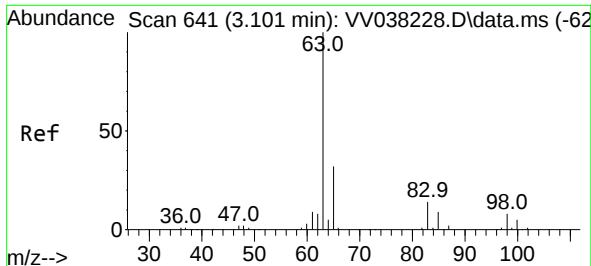
Tgt Ion: 73 Resp: 146539
Ion Ratio Lower Upper
73 100
43 17.6 14.2 21.2
57 21.6 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 4.126 ug/L
RT: 2.687 min Scan# 512
Delta R.T. 0.000 min
Lab File: VV038257.D
Acq: 22 Nov 2024 08:34

Tgt Ion: 96 Resp: 73587
Ion Ratio Lower Upper
96 100
61 129.1 88.5 164.4
98 62.7 43.9 81.5





#19

1,1-Dichloroethane

Concen: 4.198 ug/L

RT: 3.105 min Scan# 641

Delta R.T. 0.003 min

Lab File: VV038257.D

Acq: 22 Nov 2024 08:34

Instrument :

MSVOA_V

ClientSampleId :

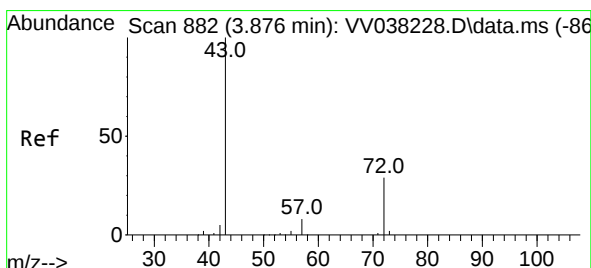
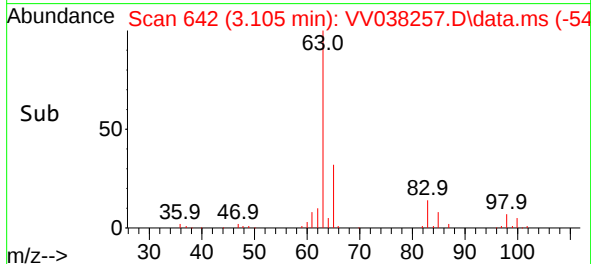
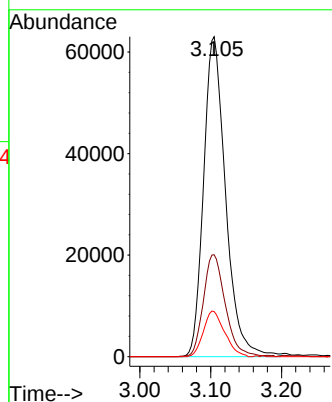
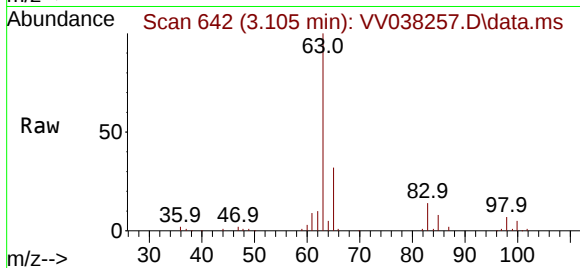
Tgt Ion: 63 Resp: 135898

Ion Ratio Lower Upper

63 100

65 31.9 22.5 41.7

83 14.1 10.1 18.9



#21

2-Butanone

Concen: 33.792 ug/L

RT: 3.876 min Scan# 882

Delta R.T. 0.000 min

Lab File: VV038257.D

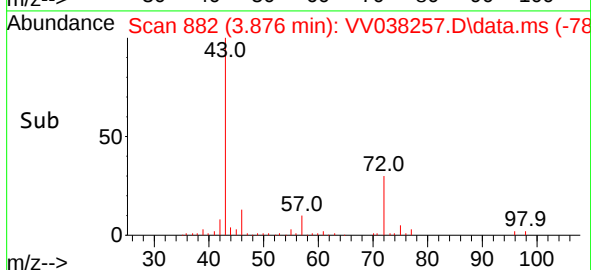
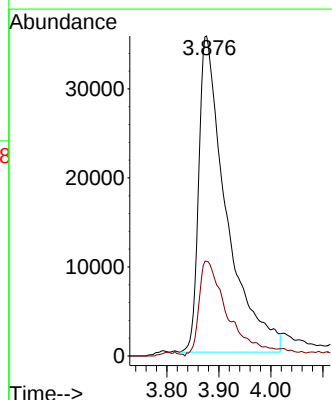
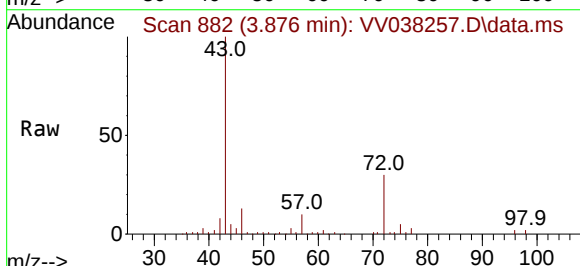
Acq: 22 Nov 2024 08:34

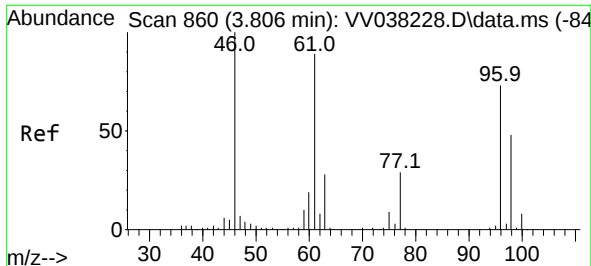
Tgt Ion: 43 Resp: 130373

Ion Ratio Lower Upper

43 100

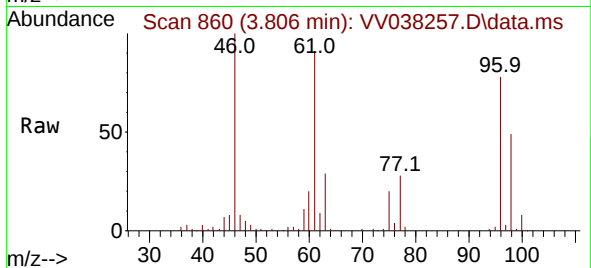
72 31.4 13.0 39.0





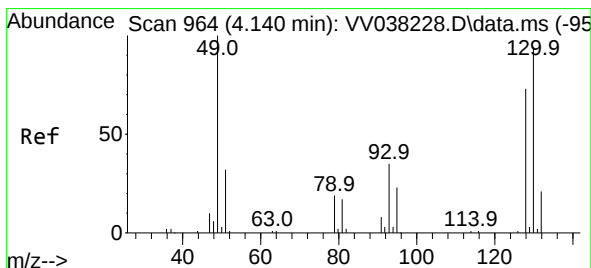
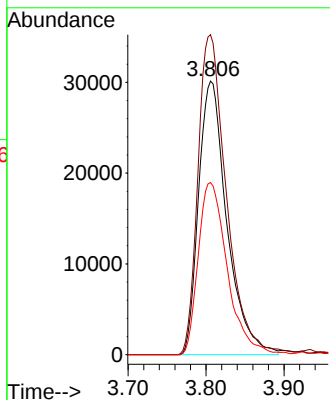
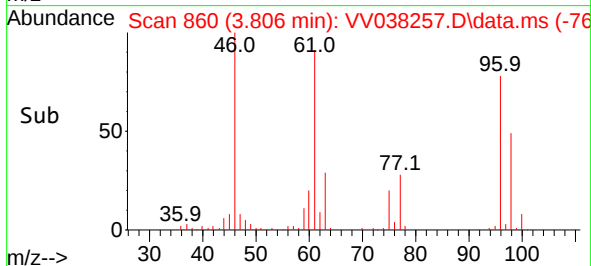
#22
 cis-1,2-Dichloroethene
 Concen: 4.127 ug/L
 RT: 3.806 min Scan# 860
 Delta R.T. 0.000 min
 Lab File: VV038257.D
 Acq: 22 Nov 2024 08:34

Instrument :
 MSVOA_V
 ClientSampleId :

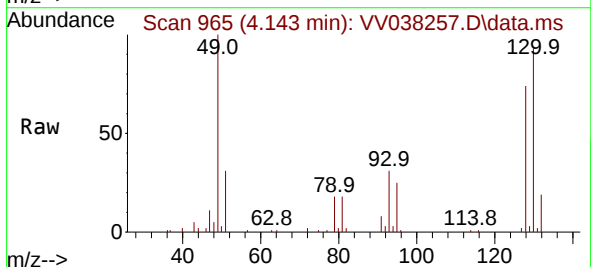


Tgt Ion: 96 Resp: 76118

Ion	Ratio	Lower	Upper
96	100		
61	117.0	82.7	153.5
98	63.0	46.3	85.9

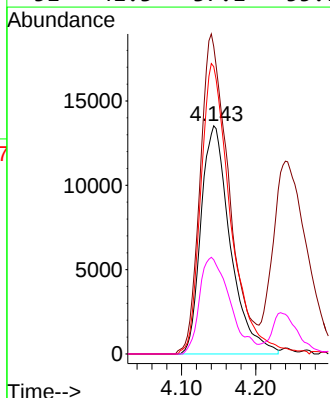
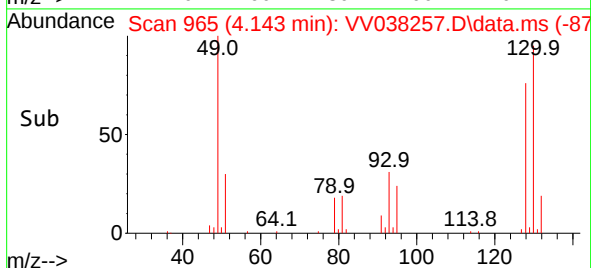


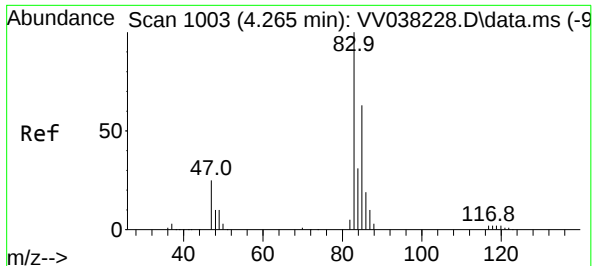
#23
 Bromochloromethane
 Concen: 4.115 ug/L
 RT: 4.143 min Scan# 965
 Delta R.T. 0.003 min
 Lab File: VV038257.D
 Acq: 22 Nov 2024 08:34



Tgt Ion: 128 Resp: 37054

Ion	Ratio	Lower	Upper
128	100		
49	134.8	102.8	190.8
130	125.9	93.6	173.8
51	41.3	37.1	55.7





#25

Chloroform

Concen: 4.205 ug/L

RT: 4.265 min Scan# 1003

Delta R.T. 0.000 min

Lab File: VV038257.D

Acq: 22 Nov 2024 08:34

Instrument :

MSVOA_V

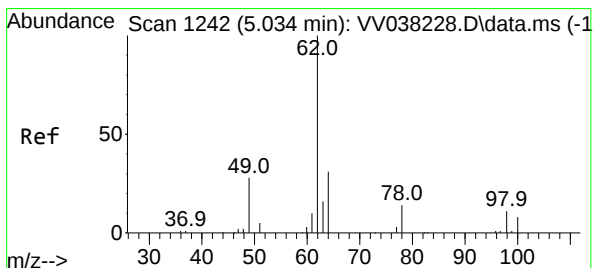
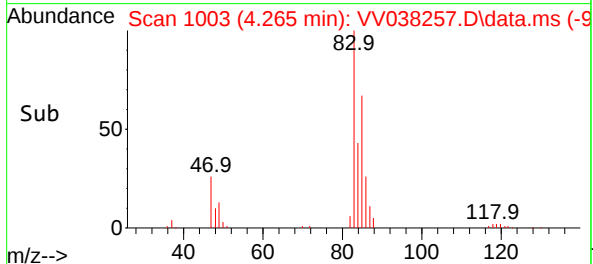
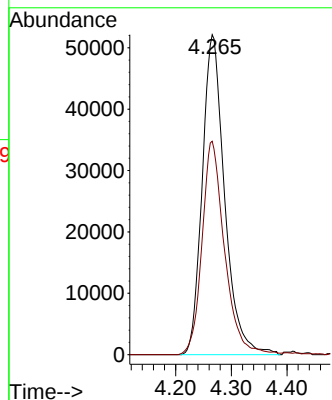
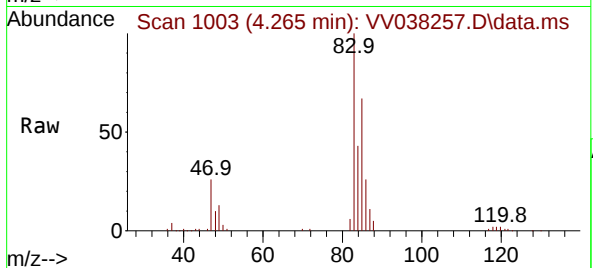
ClientSampleId :

Tgt Ion: 83 Resp: 145637

Ion Ratio Lower Upper

83 100

85 66.7 46.5 86.3



#27

1,2-Dichloroethane

Concen: 4.321 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. 0.000 min

Lab File: VV038257.D

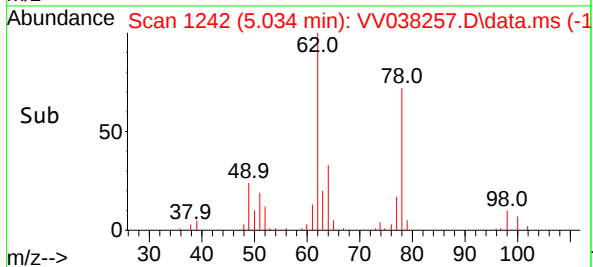
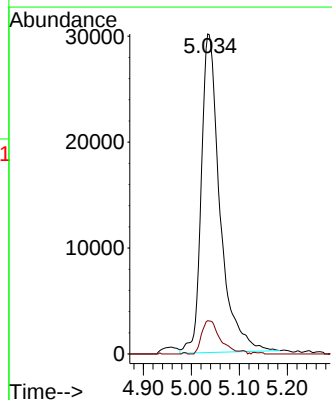
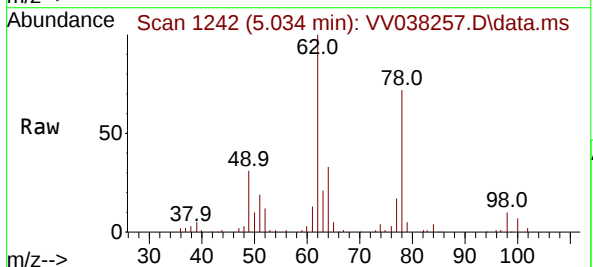
Acq: 22 Nov 2024 08:34

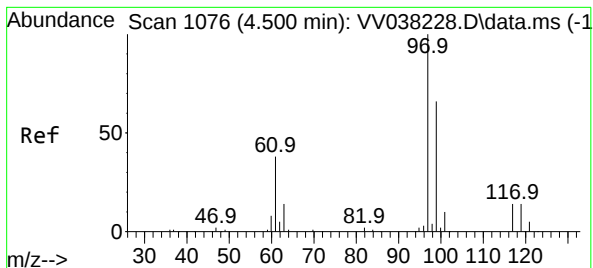
Tgt Ion: 62 Resp: 81440

Ion Ratio Lower Upper

62 100

98 10.4 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 4.324 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. 0.000 min

Lab File: VV038257.D

Acq: 22 Nov 2024 08:34

Instrument :

MSVOA_V

ClientSampleId :

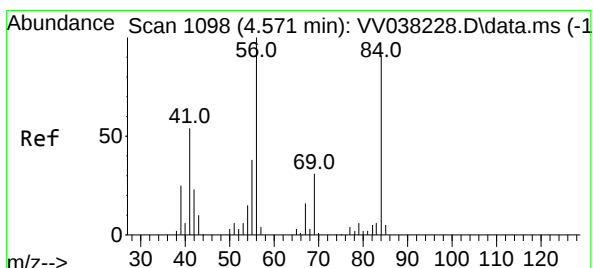
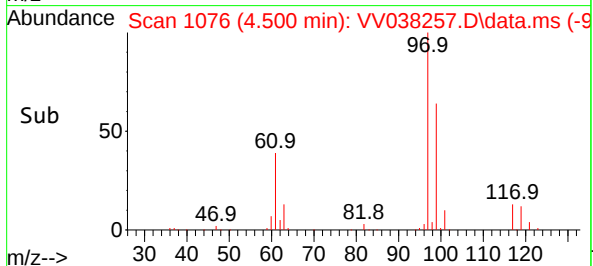
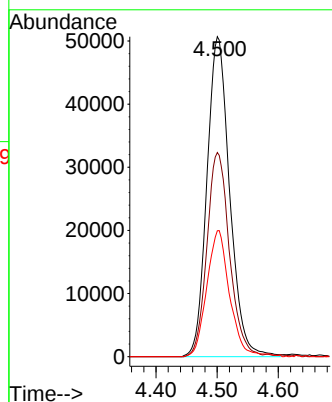
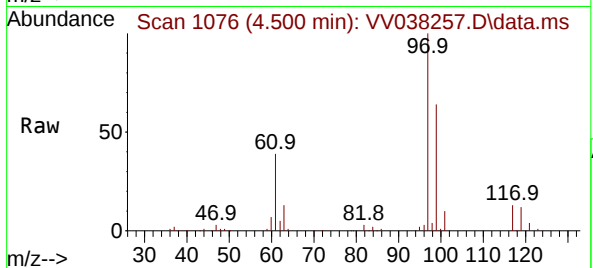
Tgt Ion: 97 Resp: 131161

Ion Ratio Lower Upper

97 100

99 63.2 51.8 77.8

61 39.2 32.2 48.2



#30

Cyclohexane

Concen: 3.839 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VV038257.D

Acq: 22 Nov 2024 08:34

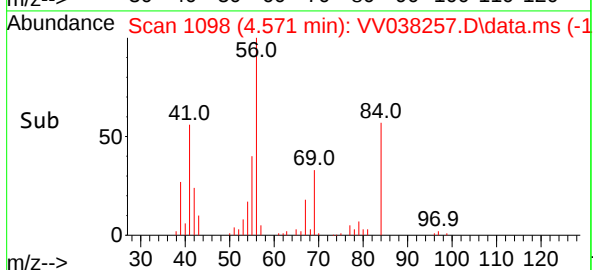
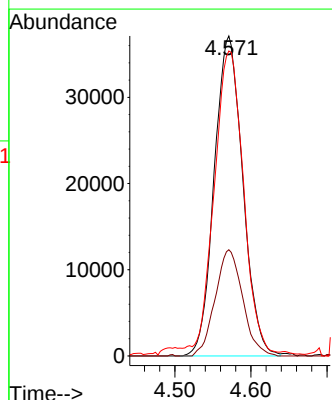
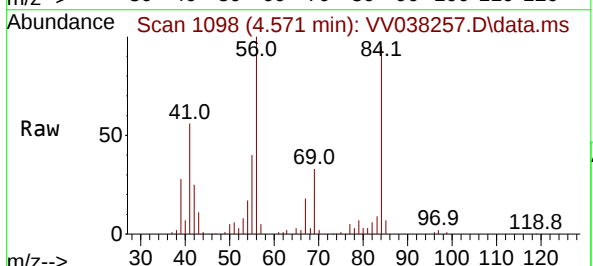
Tgt Ion: 56 Resp: 96569

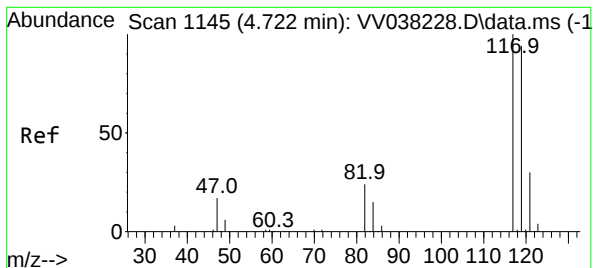
Ion Ratio Lower Upper

56 100

69 32.0 26.0 39.0

84 95.1 75.6 113.4





#31

Carbon tetrachloride

Concen: 4.287 ug/L

RT: 4.722 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VV038257.D

Acq: 22 Nov 2024 08:34

Instrument :

MSVOA_V

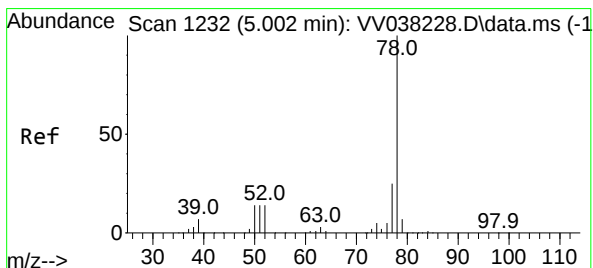
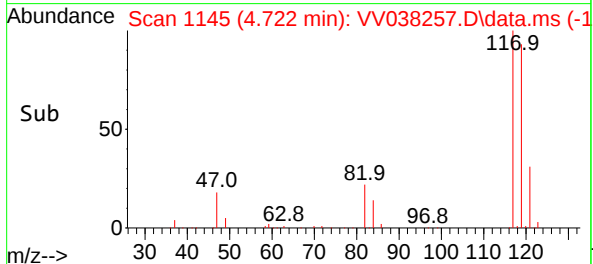
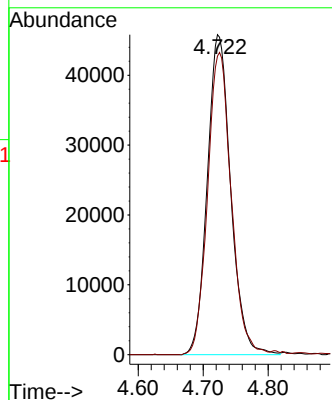
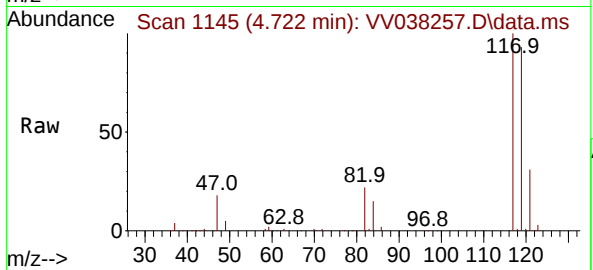
ClientSampleId :

Tgt Ion:117 Resp: 114702

Ion Ratio Lower Upper

117 100

119 95.1 77.4 116.2



#33

Benzene

Concen: 4.212 ug/L

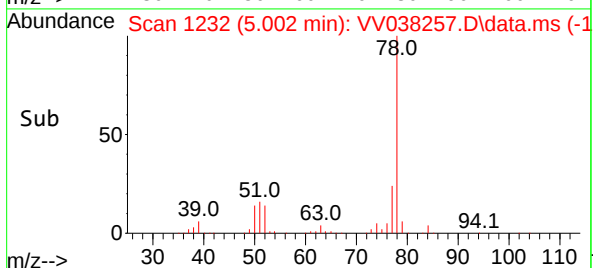
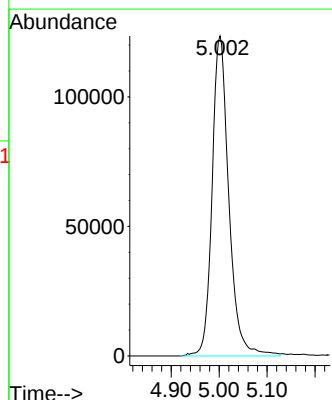
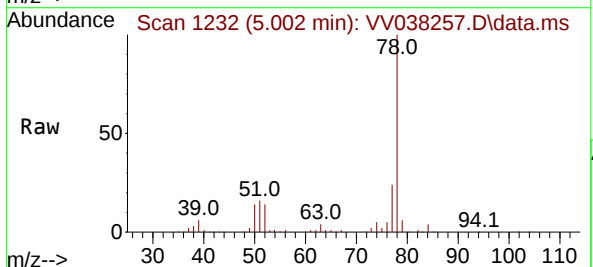
RT: 5.002 min Scan# 1232

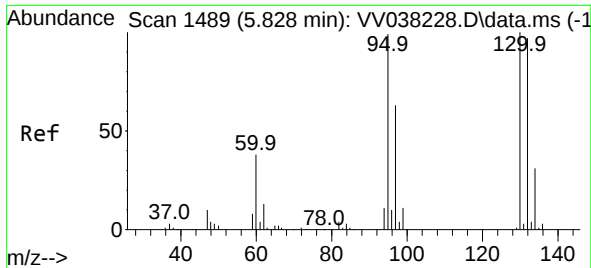
Delta R.T. 0.000 min

Lab File: VV038257.D

Acq: 22 Nov 2024 08:34

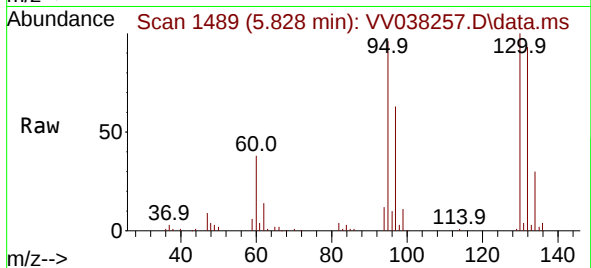
Tgt Ion: 78 Resp: 299219





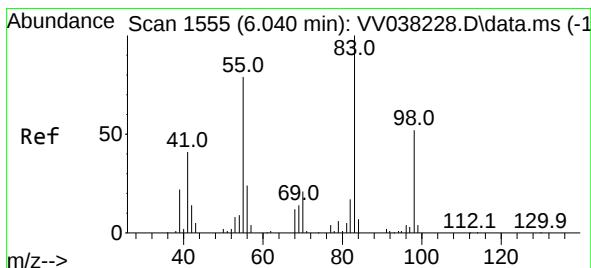
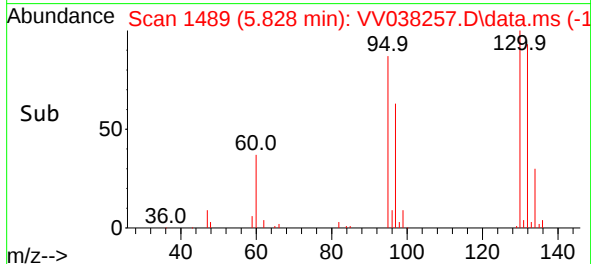
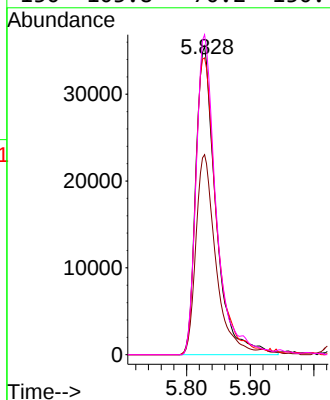
#34
Trichloroethene
Concen: 4.024 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VV038257.D
Acq: 22 Nov 2024 08:34

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 77918

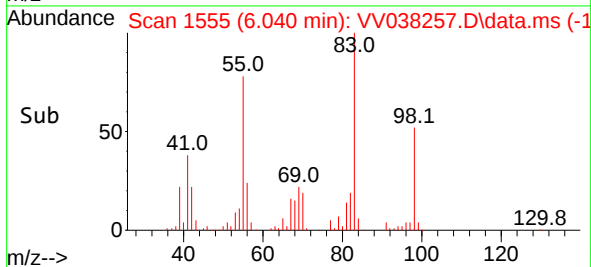
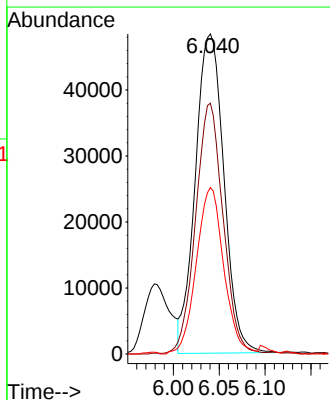
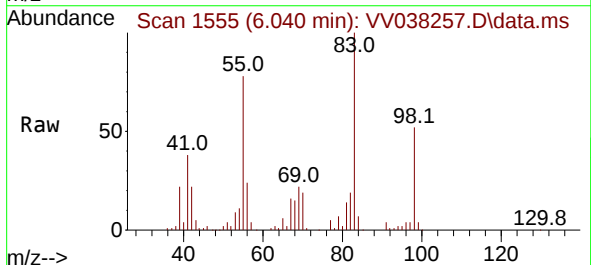
Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.8	83.2
132	96.3	68.3	126.8
130	103.8	70.2	130.4

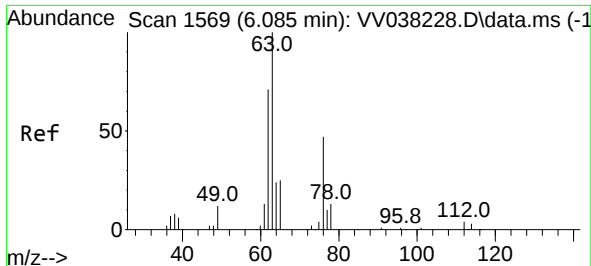


#35
Methylcyclohexane
Concen: 3.836 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VV038257.D
Acq: 22 Nov 2024 08:34

Tgt Ion: 83 Resp: 105098

Ion	Ratio	Lower	Upper
83	100		
55	75.6	59.7	89.5
98	49.9	39.0	58.4





#37

1,2-Dichloropropane

Concen: 4.168 ug/L

RT: 6.082 min Scan# 1569

Delta R.T. -0.003 min

Lab File: VV038257.D

Acq: 22 Nov 2024 08:34

Instrument :

MSVOA_V

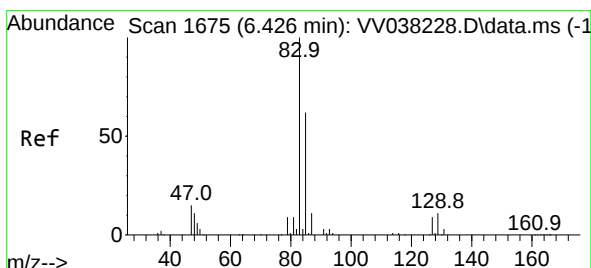
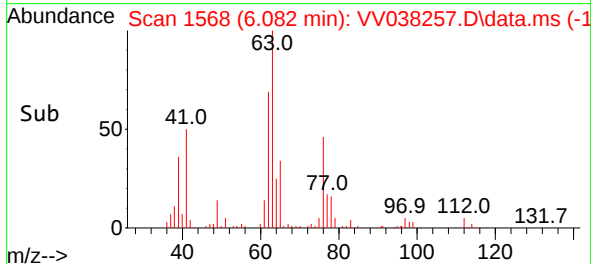
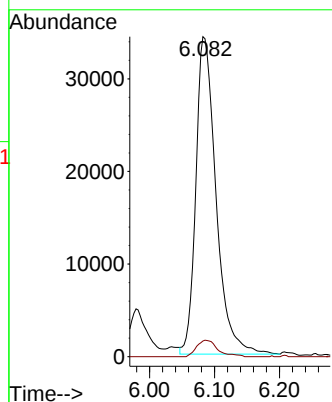
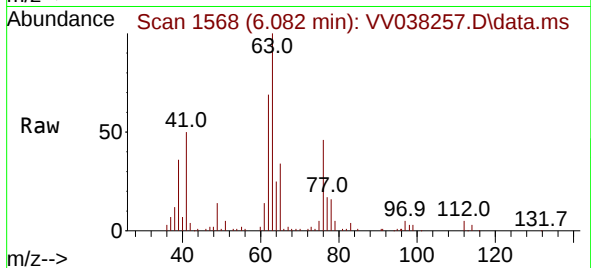
ClientSampleId :

Tgt Ion: 63 Resp: 74160

Ion Ratio Lower Upper

63 100

112 5.4 3.9 5.9



#38

Bromodichloromethane

Concen: 4.115 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VV038257.D

Acq: 22 Nov 2024 08:34

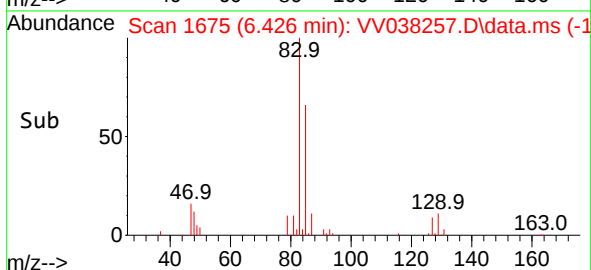
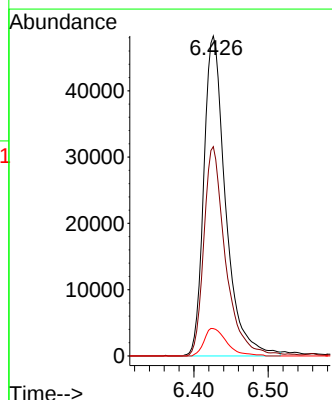
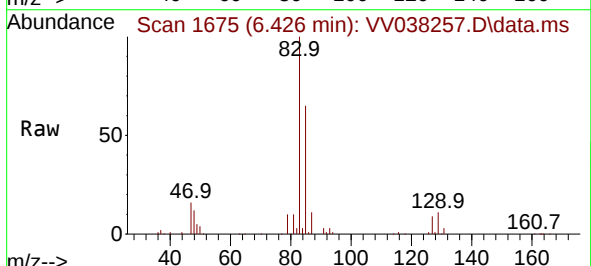
Tgt Ion: 83 Resp: 98430

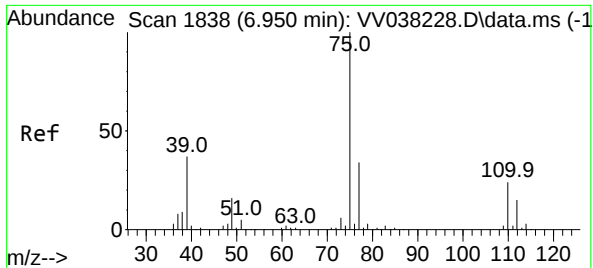
Ion Ratio Lower Upper

83 100

85 65.4 43.9 81.5

127 8.6 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 3.930 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. 0.000 min

Lab File: VV038257.D

Acq: 22 Nov 2024 08:34

Instrument :

MSVOA_V

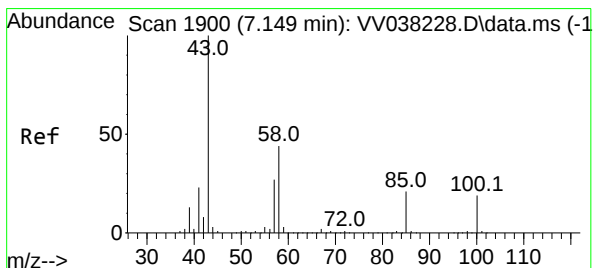
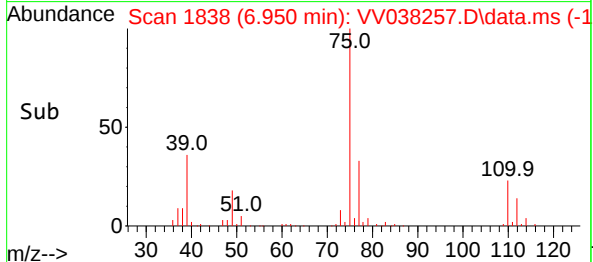
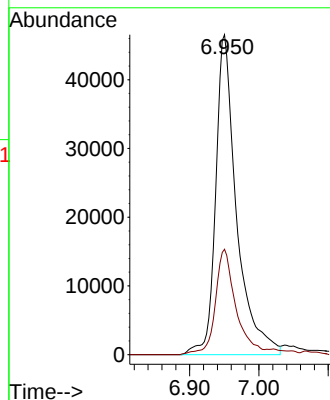
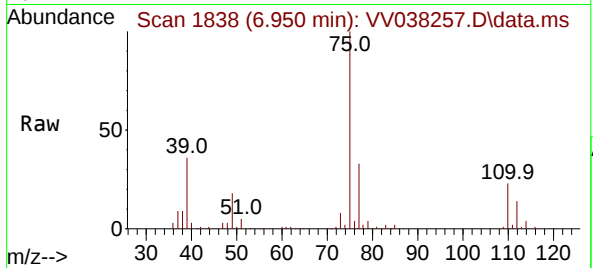
ClientSampleId :

Tgt Ion: 75 Resp: 97614

Ion Ratio Lower Upper

75 100

77 32.9 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 38.761 ug/L

RT: 7.150 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VV038257.D

Acq: 22 Nov 2024 08:34

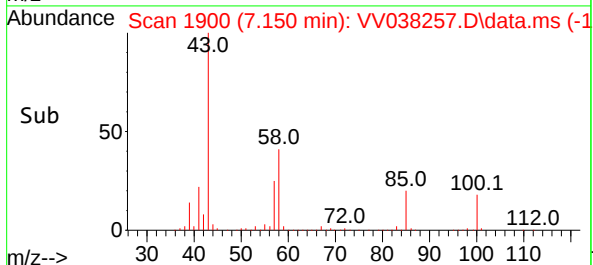
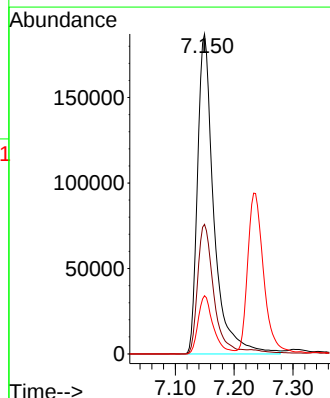
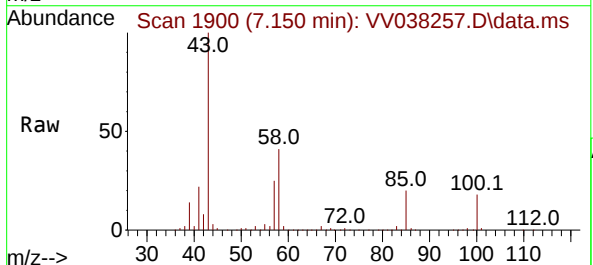
Tgt Ion: 43 Resp: 360973

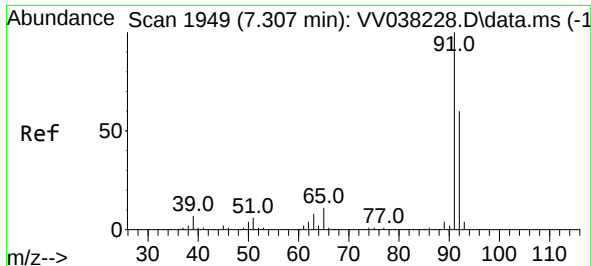
Ion Ratio Lower Upper

43 100

58 39.9 33.4 50.2

100 16.9 14.3 21.5

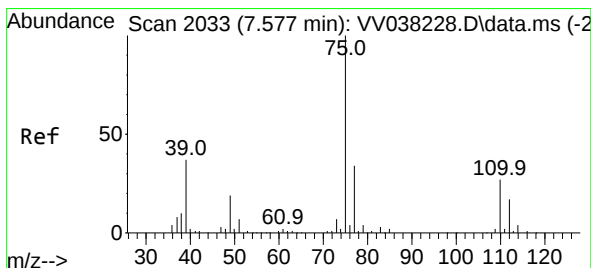
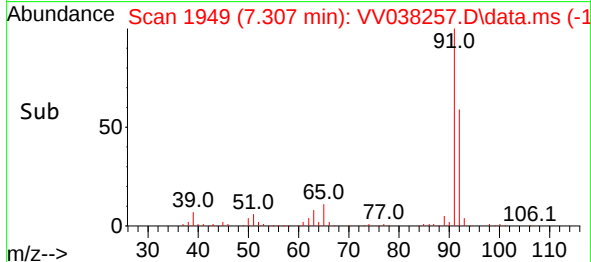
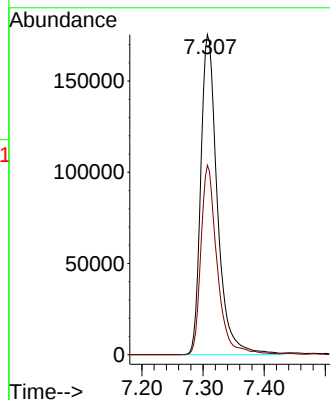
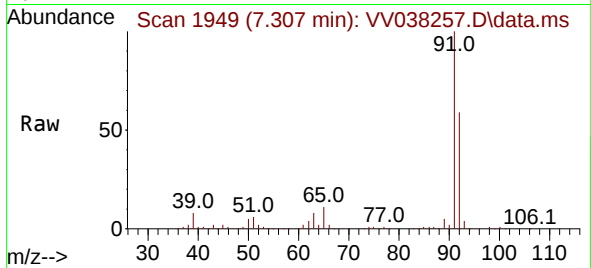




#42
Toluene
Concen: 4.397 ug/L
RT: 7.307 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VV038257.D
Acq: 22 Nov 2024 08:34

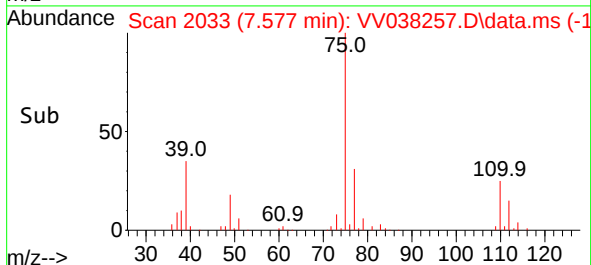
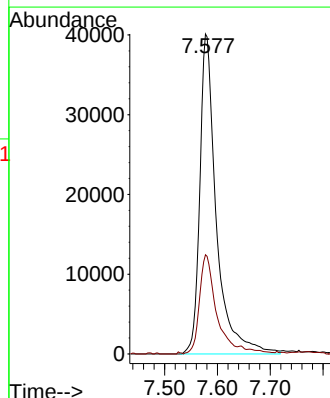
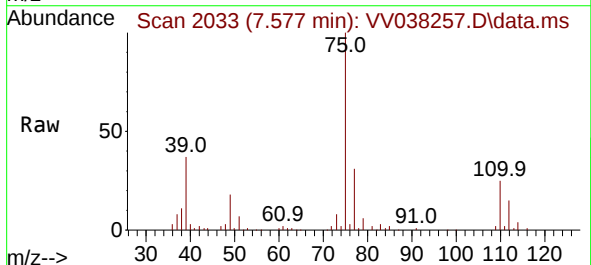
Instrument :
MSVOA_V
ClientSampleId :

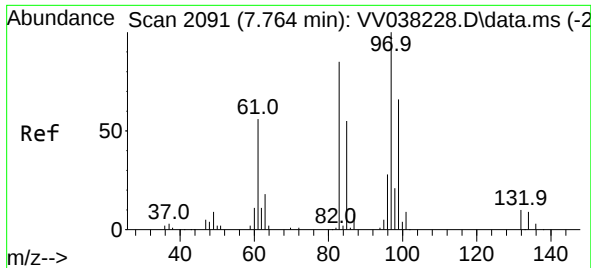
Tgt Ion: 91 Resp: 330758
Ion Ratio Lower Upper
91 100
92 59.2 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 4.149 ug/L
RT: 7.577 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VV038257.D
Acq: 22 Nov 2024 08:34

Tgt Ion: 75 Resp: 87064
Ion Ratio Lower Upper
75 100
77 31.0 23.4 43.4

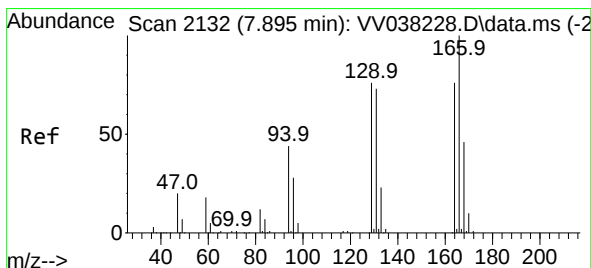
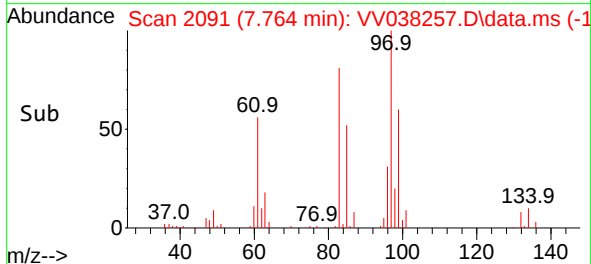
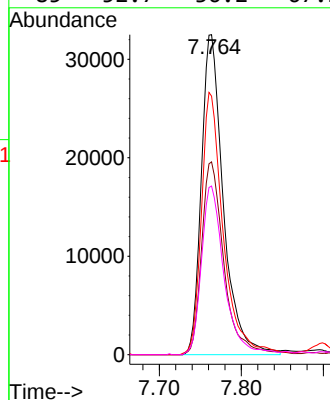
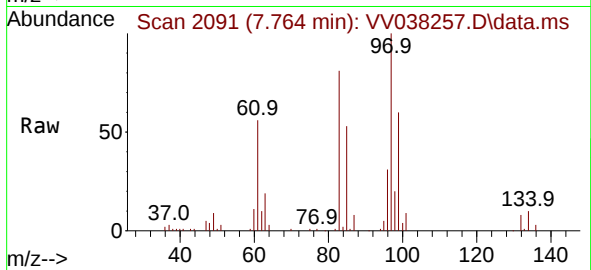




#45
1,1,2-Trichloroethane
Concen: 4.196 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV038257.D
Acq: 22 Nov 2024 08:34

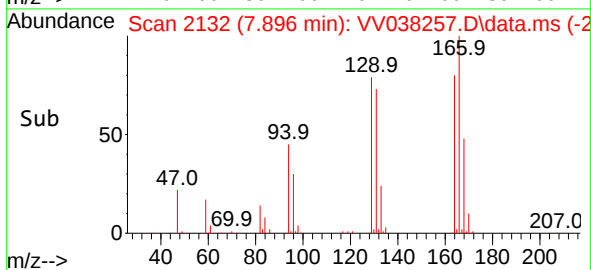
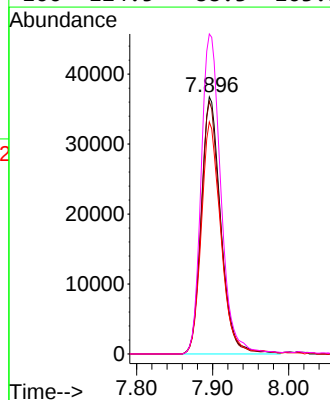
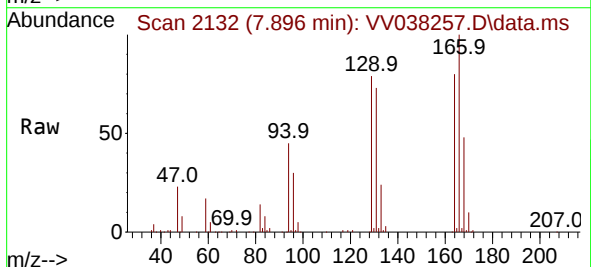
Instrument :
MSVOA_V
ClientSampleId :

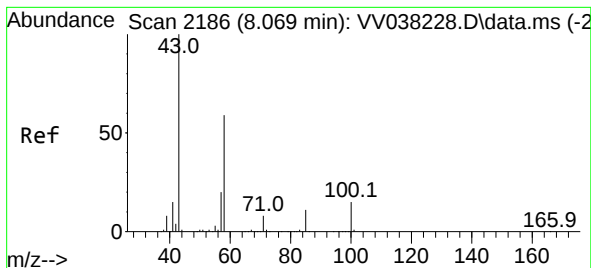
Tgt Ion:	97	Resp:	60554
Ion	Ratio	Lower	Upper
97	100		
99	60.3	41.9	77.7
83	80.8	57.7	107.1
85	52.7	36.2	67.2



#47
Tetrachloroethene
Concen: 4.199 ug/L
RT: 7.896 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV038257.D
Acq: 22 Nov 2024 08:34

Tgt Ion:	164	Resp:	65334
Ion	Ratio	Lower	Upper
164	100		
129	98.3	68.5	127.1
131	90.3	64.8	120.4
166	124.5	88.3	163.9





#48

2-Hexanone

Concen: 38.296 ug/L

RT: 8.069 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VV038257.D

Acq: 22 Nov 2024 08:34

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 258623

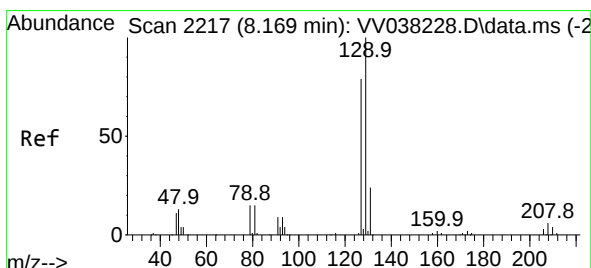
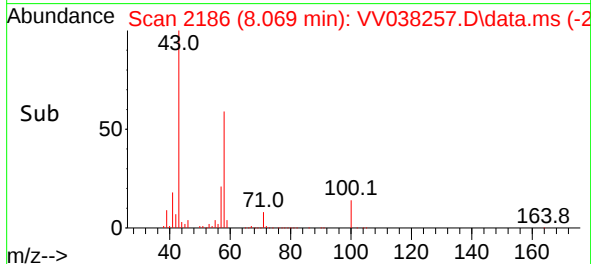
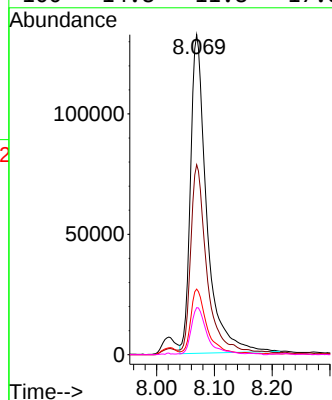
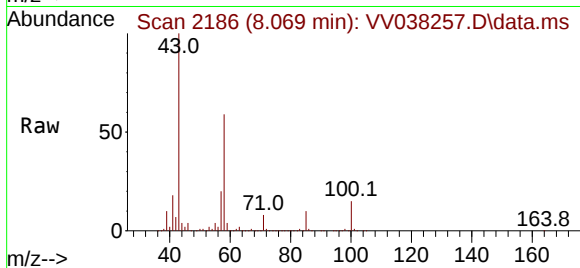
Ion Ratio Lower Upper

43 100

58 59.5 49.2 73.8

57 19.3 16.9 25.3

100 14.8 11.8 17.8



#49

Dibromochloromethane

Concen: 4.066 ug/L

RT: 8.169 min Scan# 2217

Delta R.T. 0.000 min

Lab File: VV038257.D

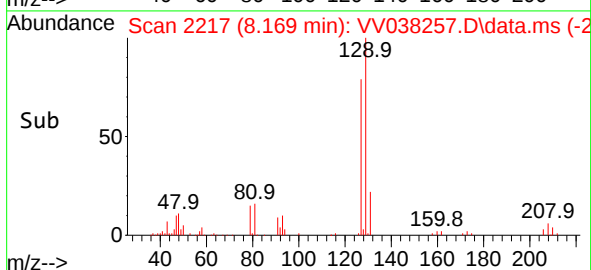
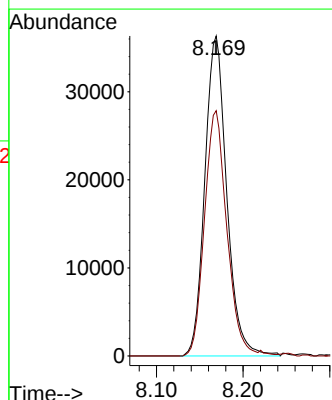
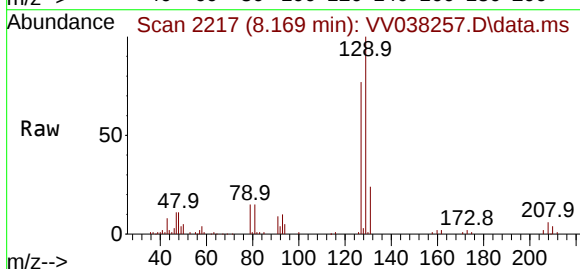
Acq: 22 Nov 2024 08:34

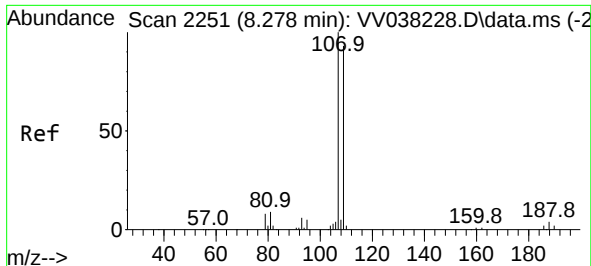
Tgt Ion: 129 Resp: 63974

Ion Ratio Lower Upper

129 100

127 76.7 53.5 99.3

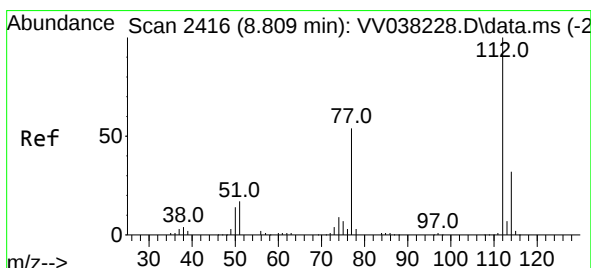
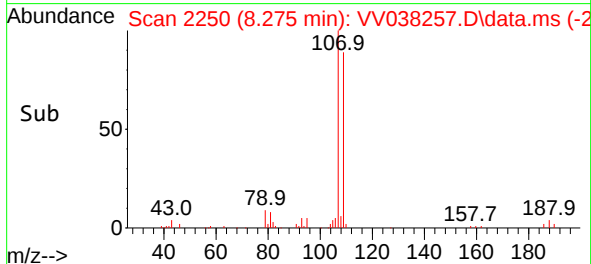
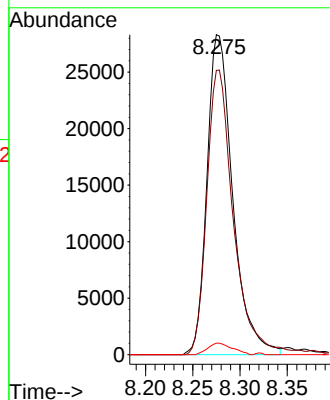
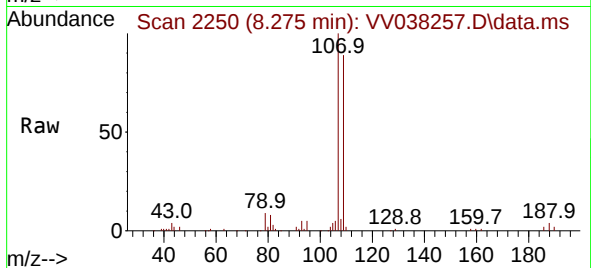




#50
1,2-Dibromoethane
Concen: 4.021 ug/L
RT: 8.275 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV038257.D
Acq: 22 Nov 2024 08:34

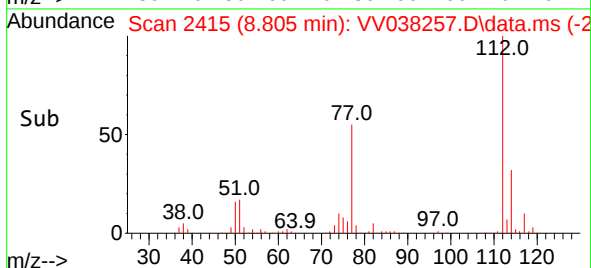
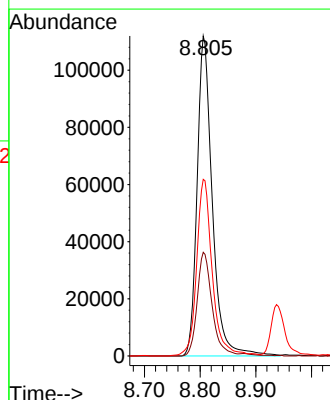
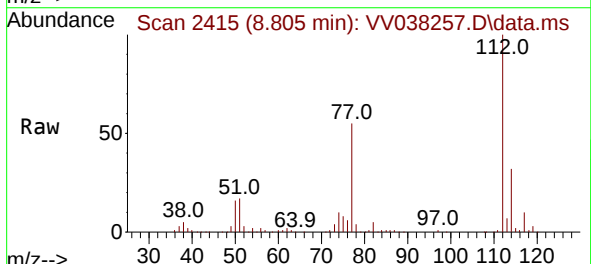
Instrument :
MSVOA_V
ClientSampleId :

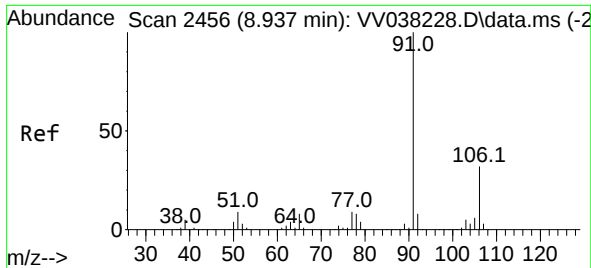
Tgt Ion:107 Resp: 53795
Ion Ratio Lower Upper
107 100
109 88.9 66.1 122.7
188 3.6 2.6 3.8



#51
Chlorobenzene
Concen: 4.093 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. -0.003 min
Lab File: VV038257.D
Acq: 22 Nov 2024 08:34

Tgt Ion:112 Resp: 212144
Ion Ratio Lower Upper
112 100
114 32.4 22.0 40.8
77 55.2 45.0 67.4

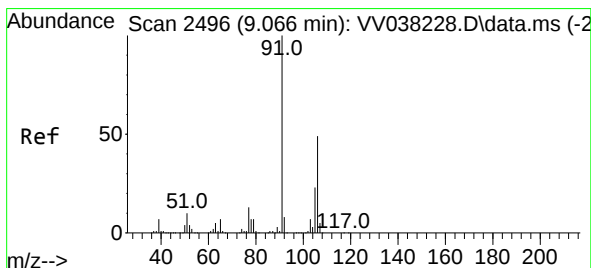
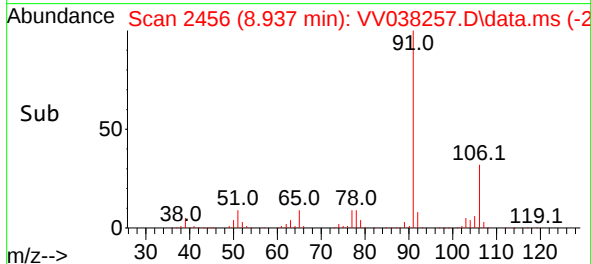
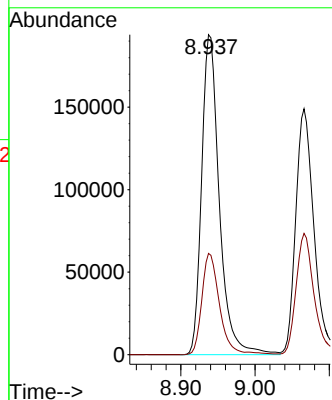
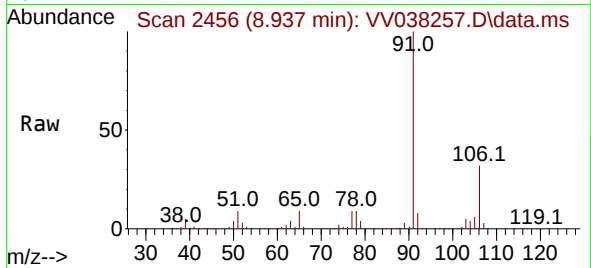




#52
Ethylbenzene
Concen: 4.028 ug/L
RT: 8.937 min Scan# 2456
Delta R.T. 0.000 min
Lab File: VV038257.D
Acq: 22 Nov 2024 08:34

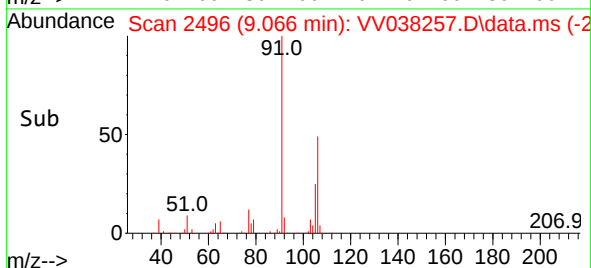
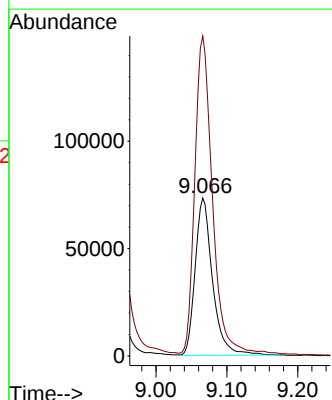
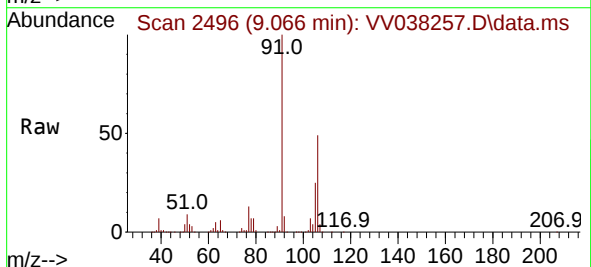
Instrument :
MSVOA_V
ClientSampleId :

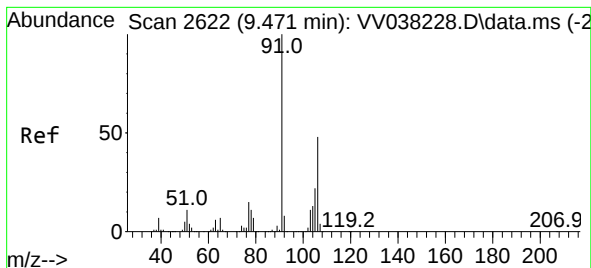
Tgt Ion: 91 Resp: 321437
Ion Ratio Lower Upper
91 100
106 31.7 21.8 40.4



#53
m,p-Xylene
Concen: 4.148 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. 0.000 min
Lab File: VV038257.D
Acq: 22 Nov 2024 08:34

Tgt Ion: 106 Resp: 124933
Ion Ratio Lower Upper
106 100
91 202.7 138.7 257.5





#54

o-Xylene

Concen: 4.139 ug/L

RT: 9.471 min Scan# 2622

Delta R.T. 0.000 min

Lab File: VV038257.D

Acq: 22 Nov 2024 08:34

Instrument :

MSVOA_V

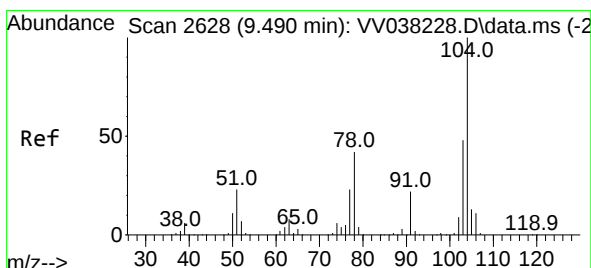
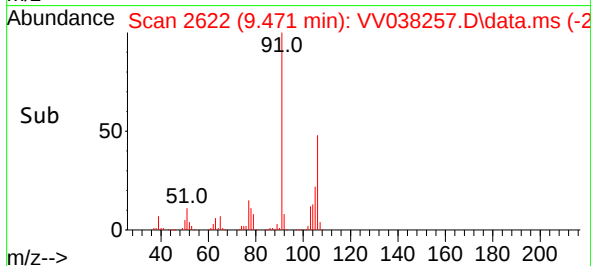
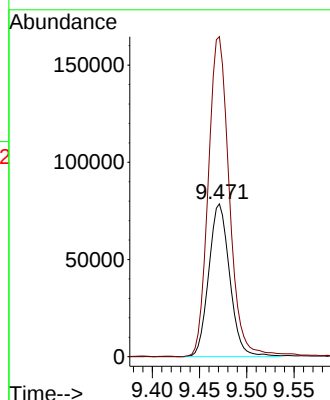
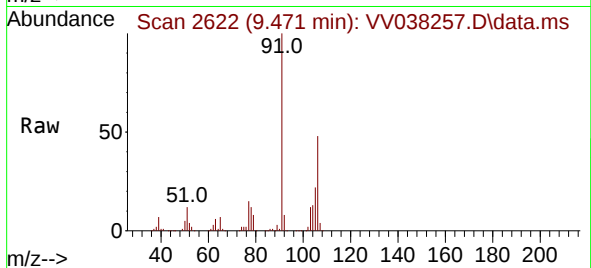
ClientSampleId :

Tgt Ion:106 Resp: 121342

Ion Ratio Lower Upper

106 100

91 209.3 155.5 288.7



#55

Styrene

Concen: 4.113 ug/L

RT: 9.490 min Scan# 2628

Delta R.T. 0.000 min

Lab File: VV038257.D

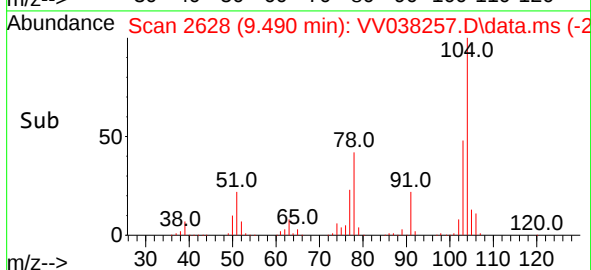
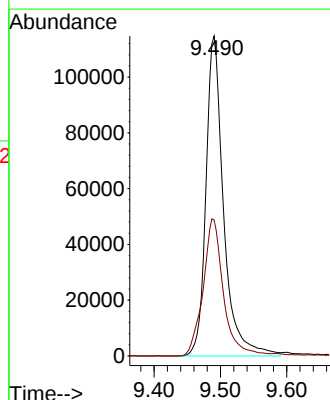
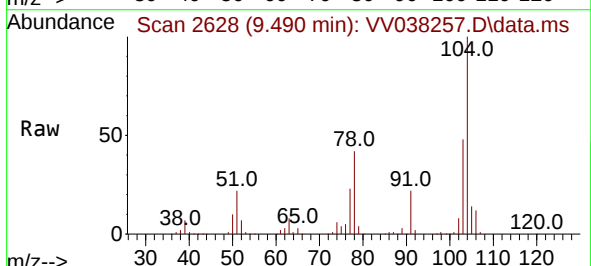
Acq: 22 Nov 2024 08:34

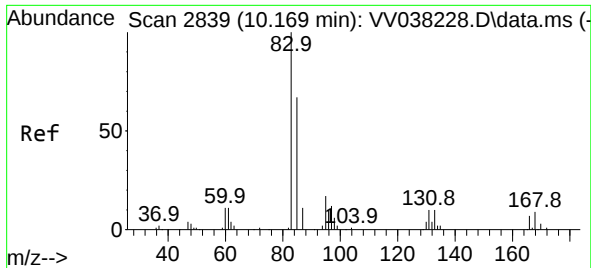
Tgt Ion:104 Resp: 212574

Ion Ratio Lower Upper

104 100

78 42.5 29.7 55.1

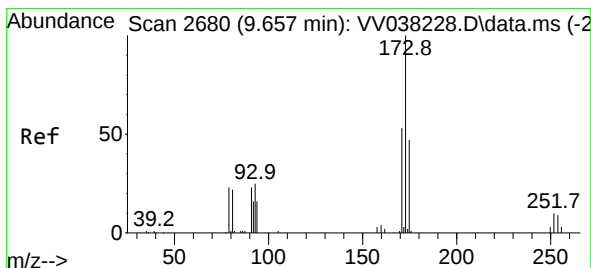
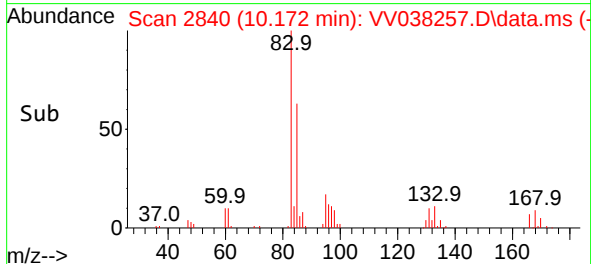
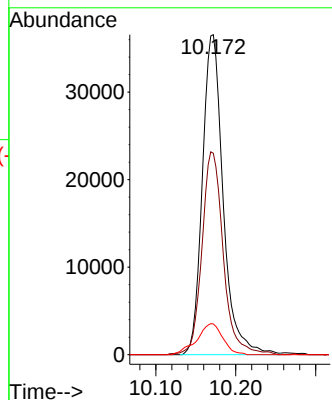
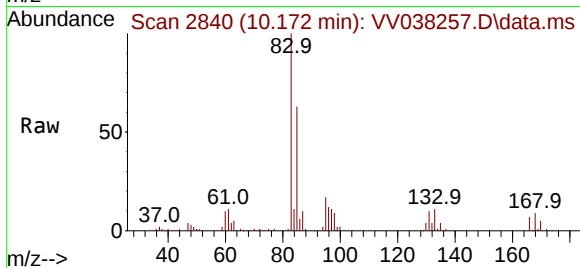




#57
1,1,2,2-Tetrachloroethane
Concen: 3.925 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.003 min
Lab File: VV038257.D
Acq: 22 Nov 2024 08:34

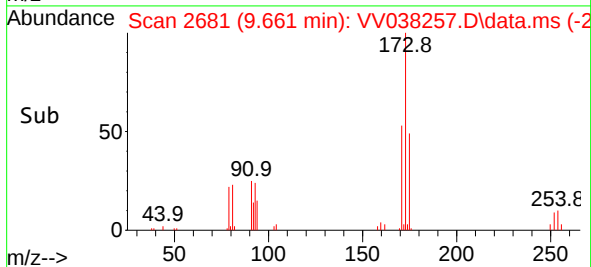
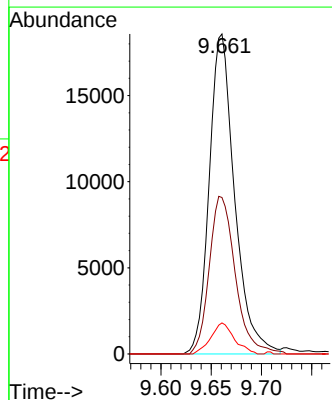
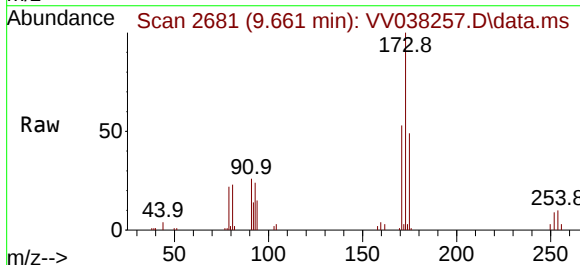
Instrument :
MSVOA_V
ClientSampleId :

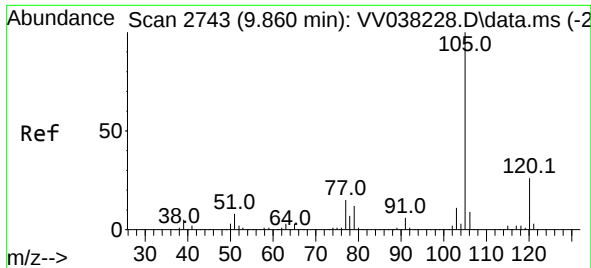
Tgt Ion: 83 Resp: 66230
Ion Ratio Lower Upper
83 100
85 63.0 45.7 84.9
131 9.6 8.2 12.4



#59
Bromoform
Concen: 4.174 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. 0.003 min
Lab File: VV038257.D
Acq: 22 Nov 2024 08:34

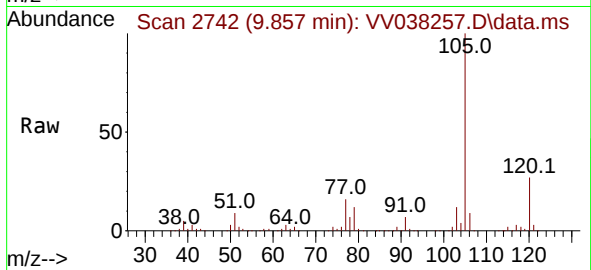
Tgt Ion: 173 Resp: 32622
Ion Ratio Lower Upper
173 100
175 50.6 38.5 57.7
254 9.0 6.9 10.3



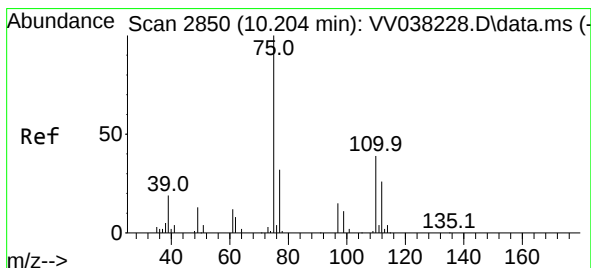
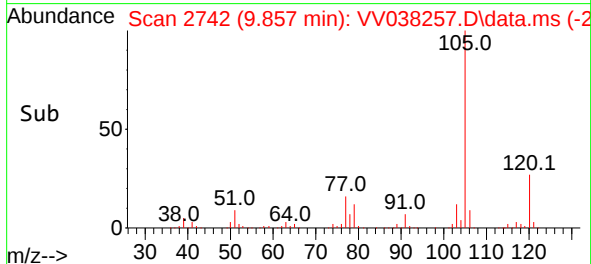
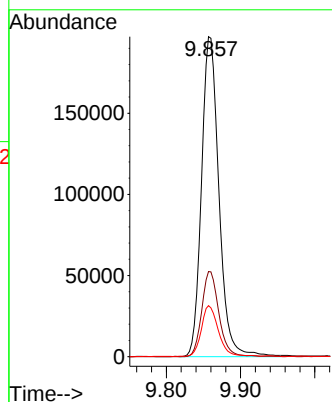


#60
Isopropylbenzene
Concen: 4.165 ug/L
RT: 9.857 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV038257.D
Acq: 22 Nov 2024 08:34

Instrument :
MSVOA_V
ClientSampleId :

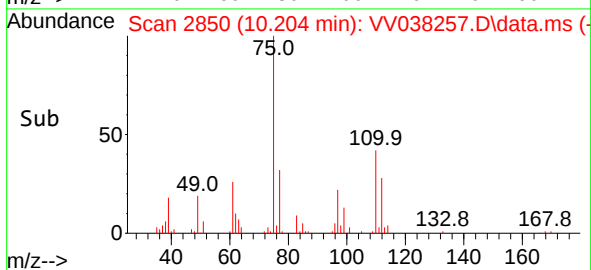
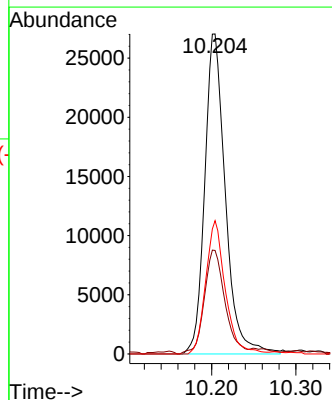
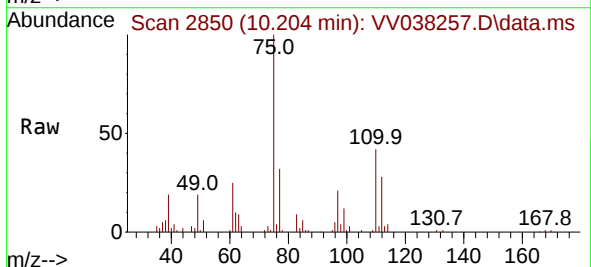


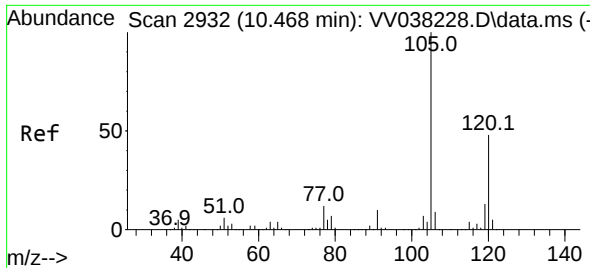
Tgt Ion:105 Resp: 322147
Ion Ratio Lower Upper
105 100
120 26.2 20.8 31.2
77 15.5 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 4.010 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.000 min
Lab File: VV038257.D
Acq: 22 Nov 2024 08:34

Tgt Ion: 75 Resp: 46108
Ion Ratio Lower Upper
75 100
77 32.4 26.4 39.6
110 39.5 32.3 48.5

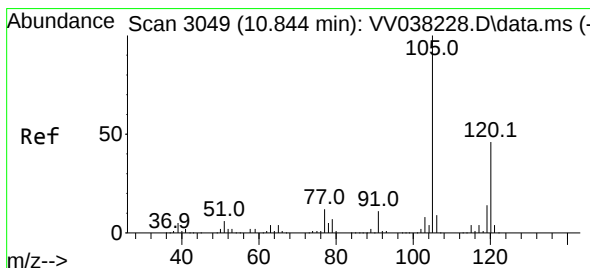
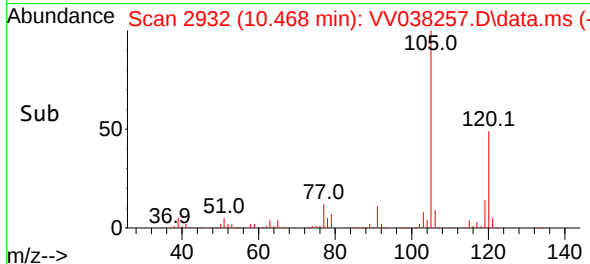
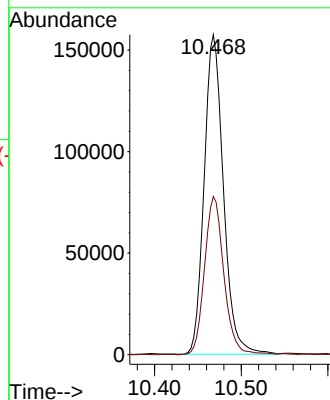
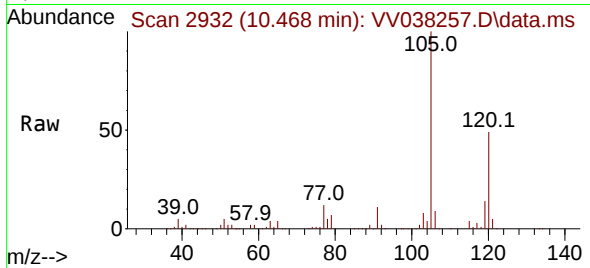




#62
 1,3,5-Trimethylbenzene
 Concen: 3.965 ug/L
 RT: 10.468 min Scan# 2932
 Delta R.T. 0.000 min
 Lab File: VV038257.D
 Acq: 22 Nov 2024 08:34

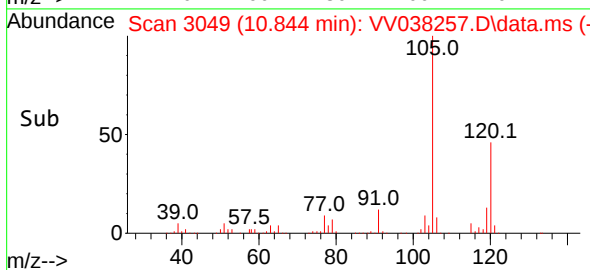
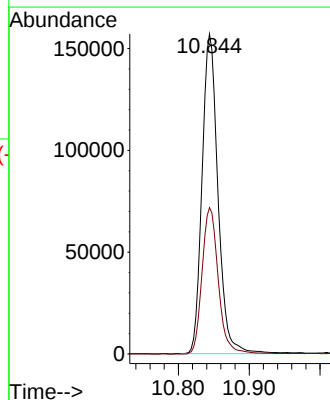
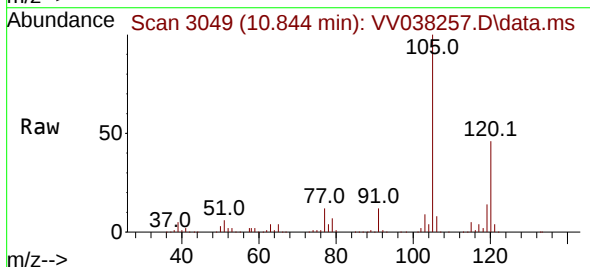
Instrument :
 MSVOA_V
 ClientSampleId :

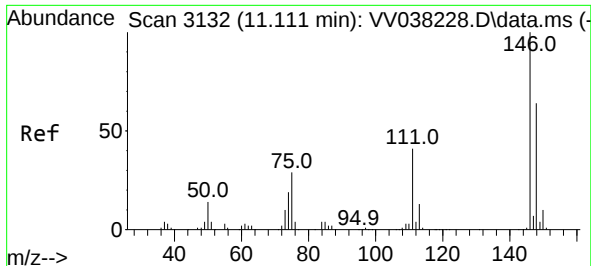
Tgt Ion:105 Resp: 243343
 Ion Ratio Lower Upper
 105 100
 120 49.7 39.2 58.8



#63
 1,2,4-Trimethylbenzene
 Concen: 4.001 ug/L
 RT: 10.844 min Scan# 3049
 Delta R.T. 0.000 min
 Lab File: VV038257.D
 Acq: 22 Nov 2024 08:34

Tgt Ion:105 Resp: 244902
 Ion Ratio Lower Upper
 105 100
 120 46.8 37.0 55.4

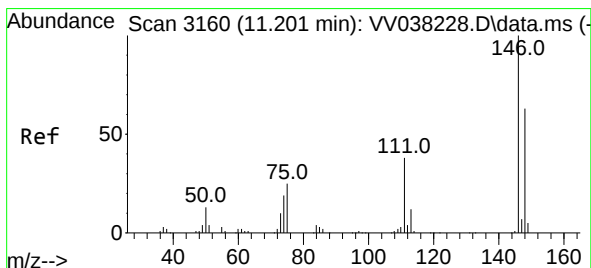
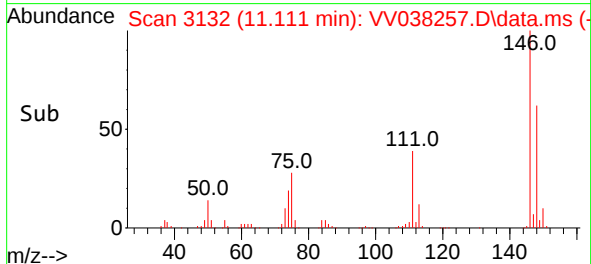
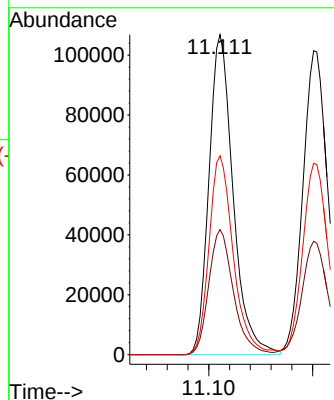
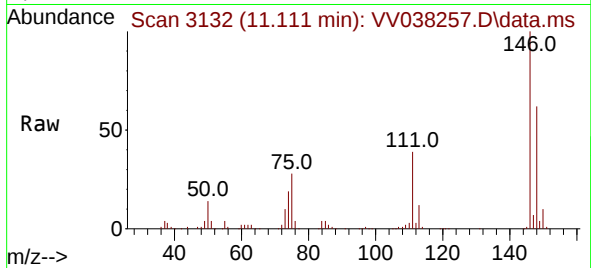




#64
1,3-Dichlorobenzene
Concen: 4.151 ug/L
RT: 11.111 min Scan# 3132
Delta R.T. 0.000 min
Lab File: VV038257.D
Acq: 22 Nov 2024 08:34

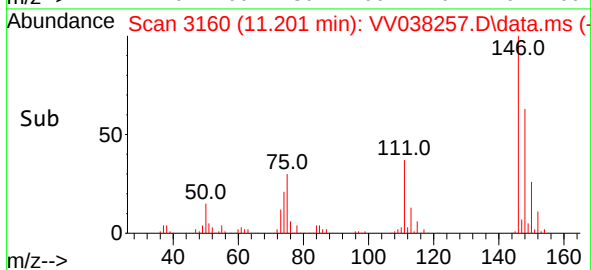
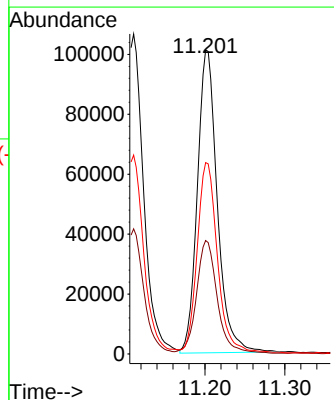
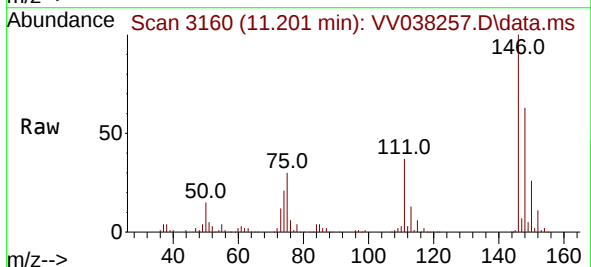
Instrument :
MSVOA_V
ClientSampleId :

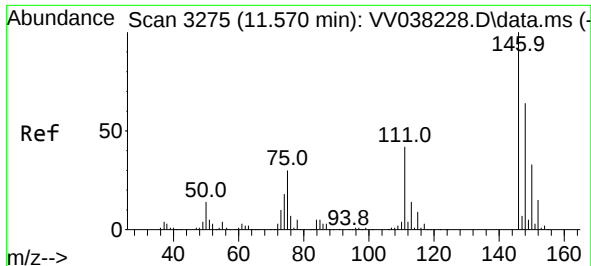
Tgt Ion:146 Resp: 172375
Ion Ratio Lower Upper
146 100
111 39.1 28.2 52.4
148 62.2 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 4.186 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. 0.000 min
Lab File: VV038257.D
Acq: 22 Nov 2024 08:34

Tgt Ion:146 Resp: 175750
Ion Ratio Lower Upper
146 100
111 37.3 27.4 50.8
148 62.9 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 4.097 ug/L

RT: 11.571 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038257.D

Acq: 22 Nov 2024 08:34

Instrument :

MSVOA_V

ClientSampleId :

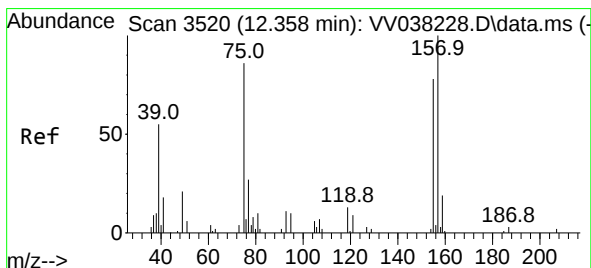
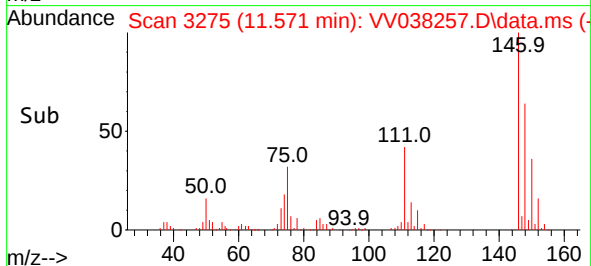
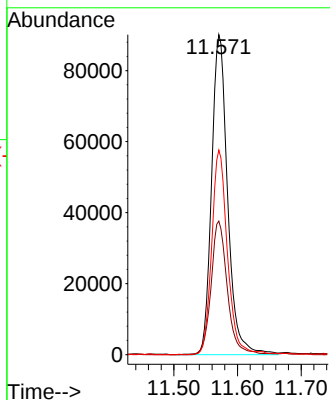
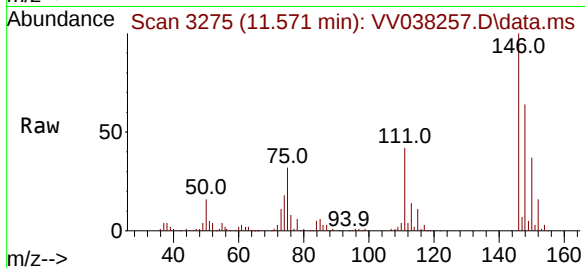
Tgt Ion:146 Resp: 157490

Ion Ratio Lower Upper

146 100

111 41.7 34.2 51.2

148 63.9 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 3.535 ug/L

RT: 12.362 min Scan# 3521

Delta R.T. 0.003 min

Lab File: VV038257.D

Acq: 22 Nov 2024 08:34

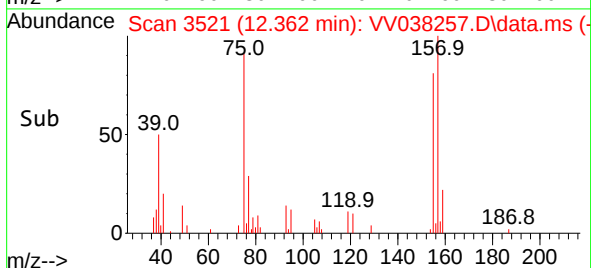
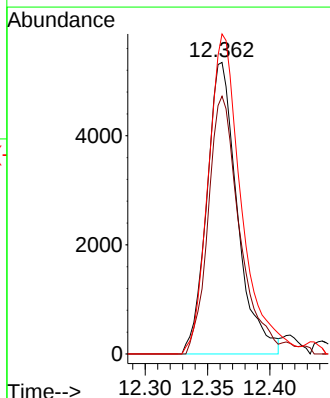
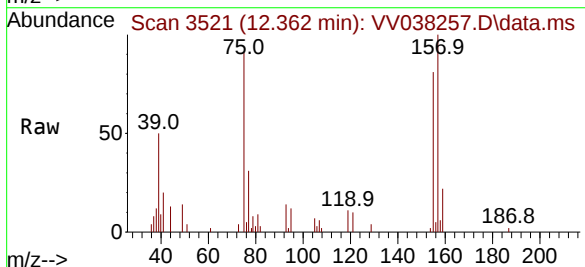
Tgt Ion: 75 Resp: 9122

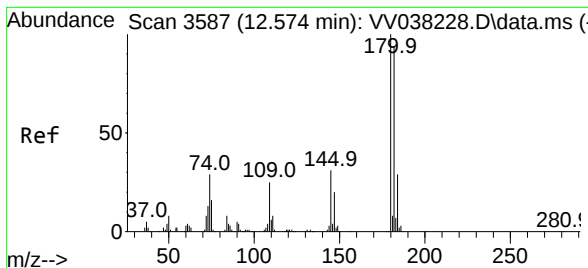
Ion Ratio Lower Upper

75 100

155 88.4 67.5 101.3

157 109.8 82.7 124.1





#69

1,3,5-Trichlorobenzene

Concen: 3.962 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. 0.000 min

Lab File: VV038257.D

Acq: 22 Nov 2024 08:34

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 116546

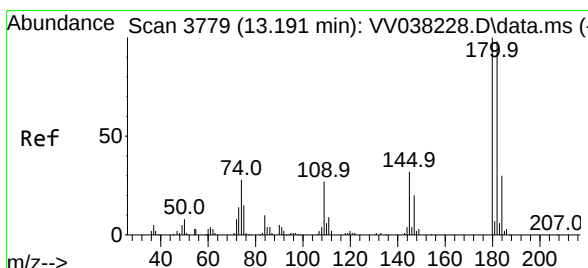
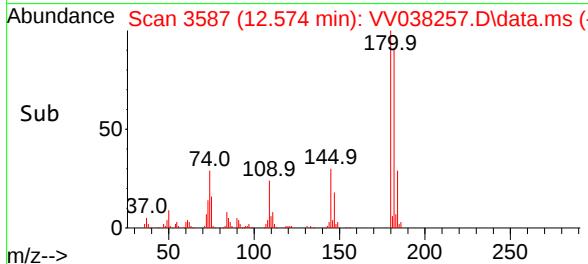
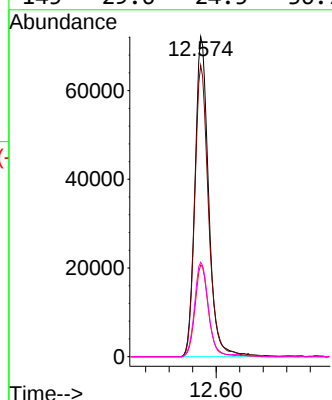
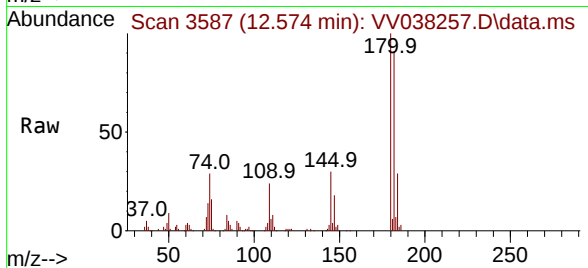
Ion Ratio Lower Upper

180 100

182 91.5 76.0 114.0

184 28.3 23.7 35.5

145 29.6 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 3.550 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV038257.D

Acq: 22 Nov 2024 08:34

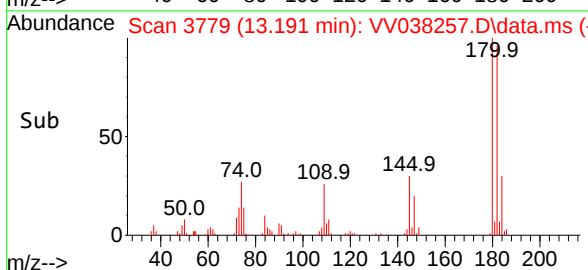
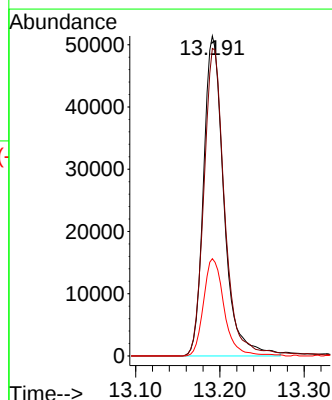
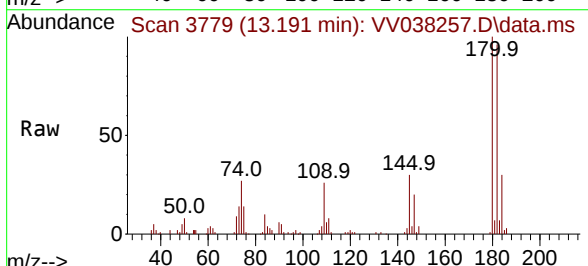
Tgt Ion:180 Resp: 86324

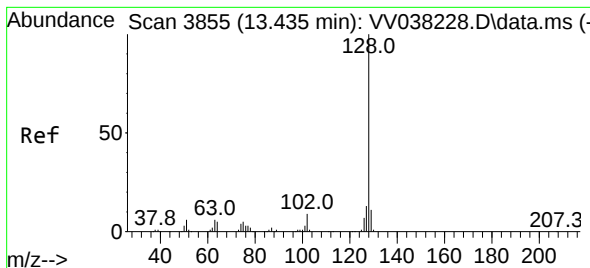
Ion Ratio Lower Upper

180 100

182 98.3 73.8 110.8

145 31.0 24.6 37.0





#71

Naphthalene

Concen: 2.782 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV038257.D

Acq: 22 Nov 2024 08:34

Instrument :

MSVOA_V

ClientSampleId :

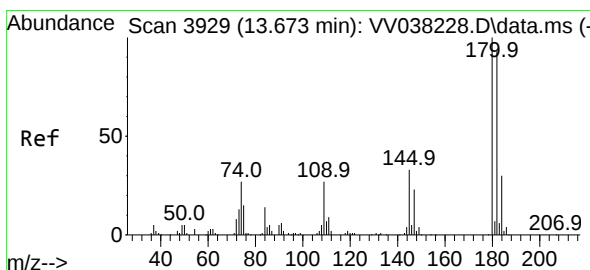
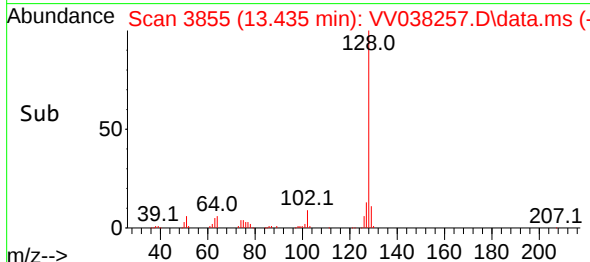
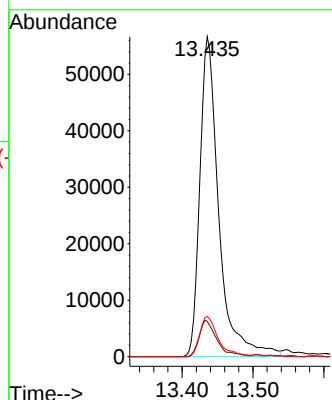
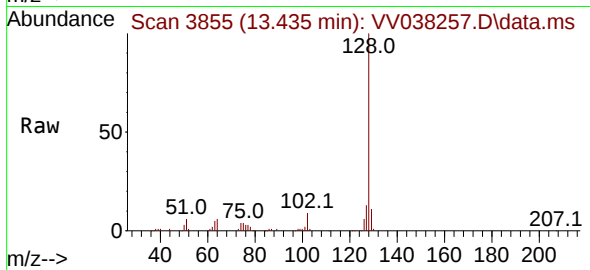
Tgt Ion:128 Resp: 105244

Ion Ratio Lower Upper

128 100

129 10.5 8.5 12.7

127 12.4 10.1 15.1



#72

1,2,3-Trichlorobenzene

Concen: 3.438 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV038257.D

Acq: 22 Nov 2024 08:34

Tgt Ion:180 Resp: 77253

Ion Ratio Lower Upper

180 100

182 94.6 75.1 112.7

145 34.6 27.0 40.4

