

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122821\
 Data File : VW024206.D
 Acq On : 28 Dec 2021 09:40
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 29 05:04:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 29 04:43:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	109264	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	116461	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	69397	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	31747	3.863	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	77.200%	
7) Chloroethane-d5	1.568	69	27357	3.991	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.800%	
11) 1,1-Dichloroethene-d2	2.111	63	84133	4.212	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.200%	
20) 2-Butanone-d5	3.905	46	44767	49.038	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	98.080%	
24) Chloroform-d	4.343	84	81202	4.654	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.000%	
26) 1,2-Dichloroethane-d4	5.031	65	36278	4.645	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.000%	
32) Benzene-d6	5.047	84	139451	4.434	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.600%	
36) 1,2-Dichloropropane-d6	6.066	67	37418	4.343	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	86.800%	
41) Toluene-d8	7.310	98	136684	4.409	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.200%	
43) trans-1,3-Dichloroprop...	7.619	79	16453	4.510	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.200%	
46) 2-Hexanone-d5	8.088	63	64253	52.385	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	104.780%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	29528	5.020	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	54566	4.523	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	120213	4.760	ug/L	99
3) Chloromethane	1.240	50	81419	4.266	ug/L	100
5) Vinyl chloride	1.311	62	86394	4.423	ug/L	100
6) Bromomethane	1.523	94	51497	4.132	ug/L	98
8) Chloroethane	1.584	64	50294	4.429	ug/L	97
9) Trichlorofluoromethane	1.751	101	148979	4.692	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	72239	4.740	ug/L	97
12) 1,1-Dichloroethene	2.118	96	67036	4.468	ug/L	90
13) Acetone	2.204	43	24725	19.084	ug/L #	1
14) Carbon disulfide	2.291	76	213019	4.394	ug/L	100
15) Methyl Acetate	2.442	43	11142	3.463	ug/L #	84
16) Methylene chloride	2.503	84	69146	4.312	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	140053	4.617	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	72109	4.526	ug/L	97
19) 1,1-Dichloroethane	3.188	63	116457	4.391	ug/L	100
21) 2-Butanone	3.992	43	72054	42.269	ug/L	88
22) cis-1,2-Dichloroethene	3.905	96	73030	4.632	ug/L	96
23) Bromochloromethane	4.246	128	33933	4.503	ug/L	89
25) Chloroform	4.368	83	130466	4.402	ug/L	97

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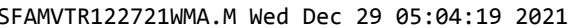
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 ClientSampleId :

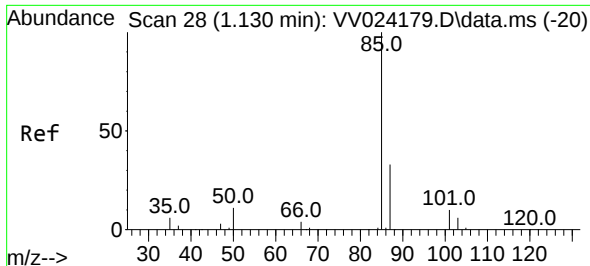
Quant Time: Dec 29 05:04:14 2021
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 29 04:43:10 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	74686	4.502	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	130185	4.433	ug/L	99
30) Cyclohexane	4.674	56	102691	4.700	ug/L	94
31) Carbon tetrachloride	4.822	117	124462	4.569	ug/L	100
33) Benzene	5.095	78	272485	4.460	ug/L	100
34) Trichloroethene	5.908	95	77653	4.504	ug/L	99
35) Methylcyclohexane	6.127	83	123441	4.944	ug/L	96
37) 1,2-Dichloropropane	6.169	63	58059	4.121	ug/L	100
38) Bromodichloromethane	6.506	83	87631	4.341	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	92563	4.533	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	307528	45.672	ug/L	98
42) Toluene	7.384	91	312313	4.581	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	80592	4.621	ug/L	95
45) 1,1,2-Trichloroethane	7.834	97	46525	4.455	ug/L	96
47) Tetrachloroethene	7.973	164	71184	4.640	ug/L	97
48) 2-Hexanone	8.137	43	228507	46.369	ug/L	97
49) Dibromochloromethane	8.243	129	62518	4.450	ug/L	94
50) 1,2-Dibromoethane	8.349	107	44263	4.460	ug/L	98
51) Chlorobenzene	8.879	112	200762	4.444	ug/L	99
52) Ethylbenzene	9.008	91	336504	4.642	ug/L	100
53) m,p-xylene	9.137	106	135451	4.711	ug/L	99
54) o-xylene	9.542	106	129719	4.711	ug/L	100
55) Styrene	9.558	104	219686	4.736	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	46162	4.561	ug/L	100
59) Bromoform	9.728	173	34736	4.644	ug/L	100
60) Isopropylbenzene	9.928	105	352349	4.803	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	35389	4.310	ug/L	95
62) 1,3,5-Trimethylbenzene	10.535	105	303096	4.900	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	310660	4.927	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	175190	4.608	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	174209	4.624	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	157129	4.567	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	8292	4.682	ug/L	98
69) 1,3,5-Trichlorobenzene	12.645	180	144262	4.765	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	112240	4.815	ug/L	99
71) Naphthalene	13.500	128	159079	4.596	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	96497	4.707	ug/L	99

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

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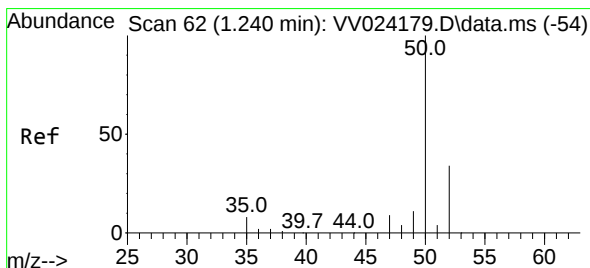
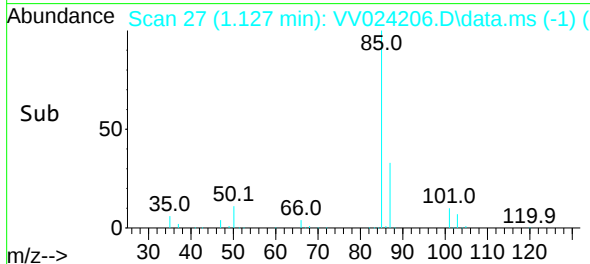
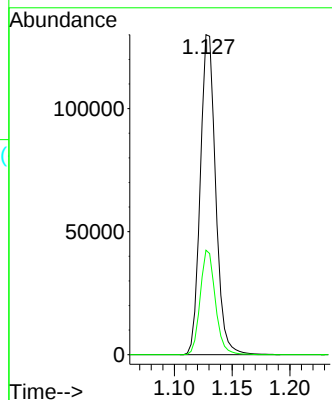
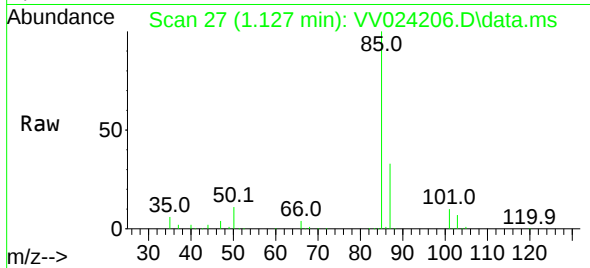




#2
 Dichlorodifluoromethane
 Concen: 4.760 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV024206.D
 Acq: 28 Dec 2021 09:40

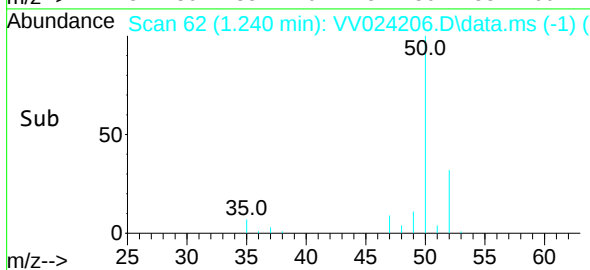
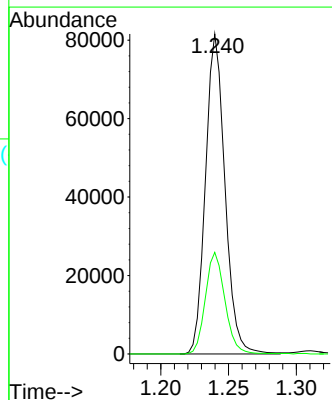
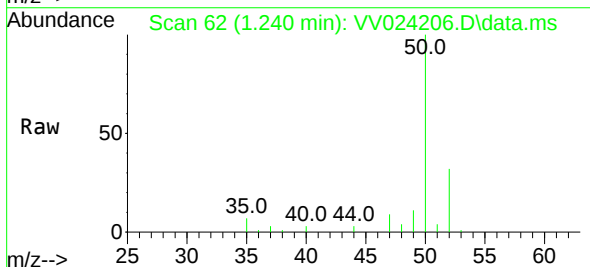
Instrument :
 MSVOA_V
 ClientSampleId :

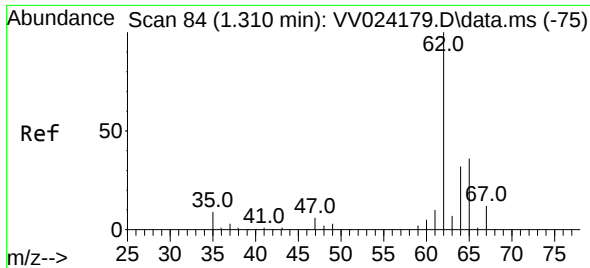
Tgt Ion: 85 Resp: 120213
 Ion Ratio Lower Upper
 85 100
 87 32.1 26.0 39.0



#3
 Chloromethane
 Concen: 4.266 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV024206.D
 Acq: 28 Dec 2021 09:40

Tgt Ion: 50 Resp: 81419
 Ion Ratio Lower Upper
 50 100
 52 31.8 22.0 41.0





#5

Vinyl chloride

Concen: 4.423 ug/L

RT: 1.311 min Scan# 84

Delta R.T. 0.000 min

Lab File: VV024206.D

Acq: 28 Dec 2021 09:40

Instrument :

MSVOA_V

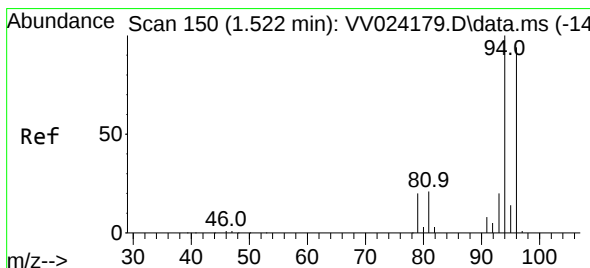
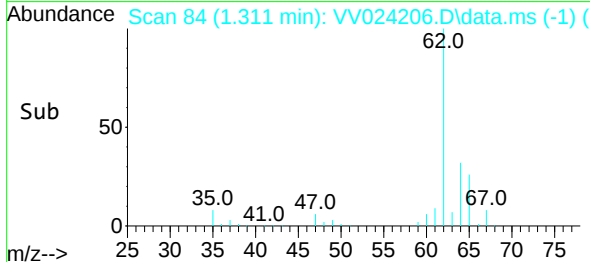
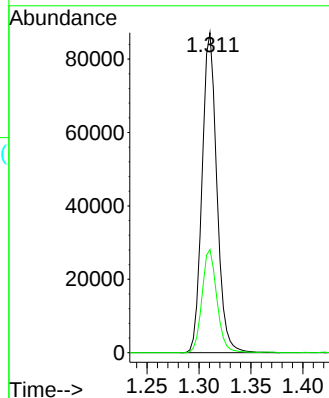
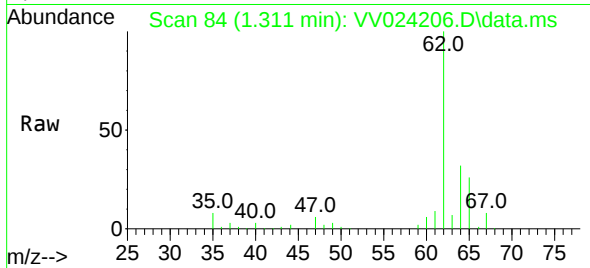
ClientSampleId :

Tgt Ion: 62 Resp: 86394

Ion Ratio Lower Upper

62 100

64 32.3 22.4 41.6



#6

Bromomethane

Concen: 4.132 ug/L

RT: 1.523 min Scan# 150

Delta R.T. 0.000 min

Lab File: VV024206.D

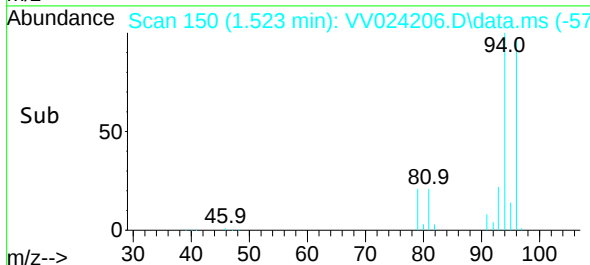
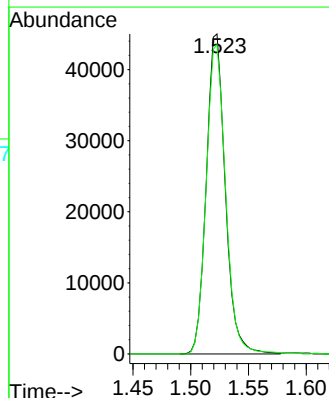
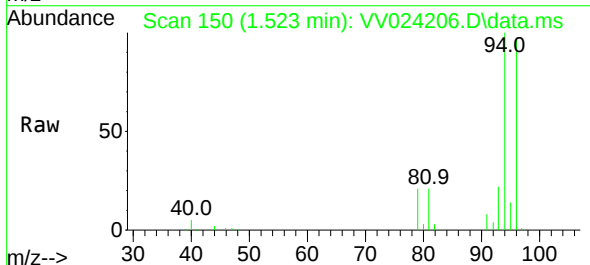
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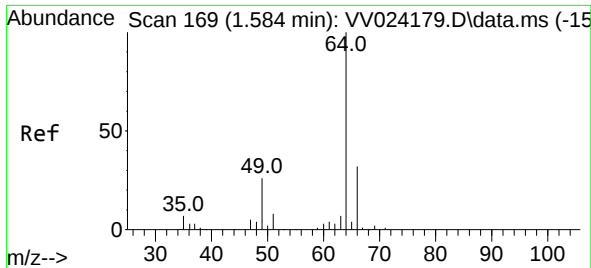
Tgt Ion: 94 Resp: 51497

Ion Ratio Lower Upper

94 100

96 96.6 66.2 123.0

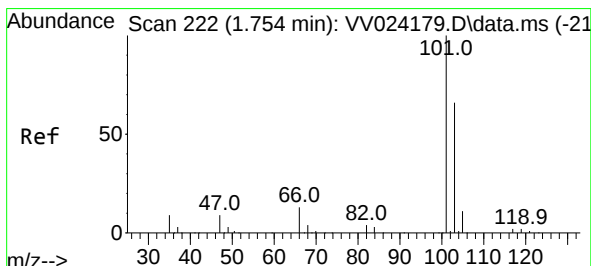
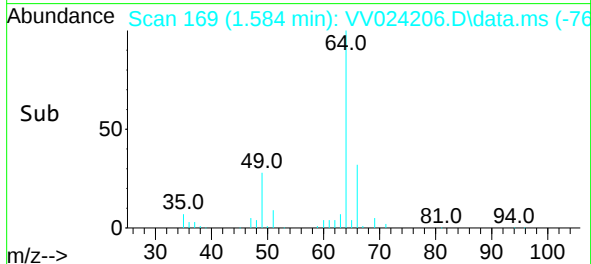
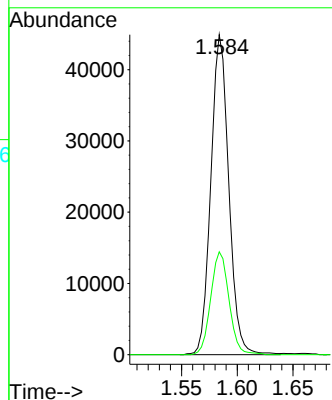
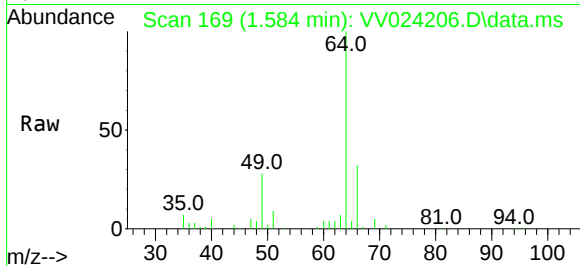




#8
Chloroethane
Concen: 4.429 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV024206.D
Acq: 28 Dec 2021 09:40

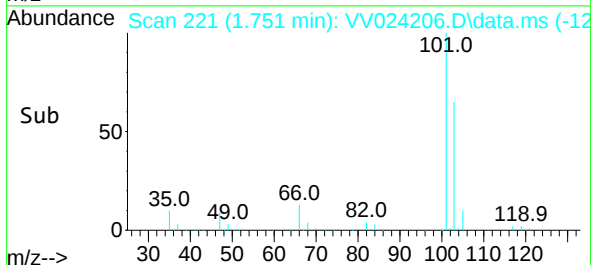
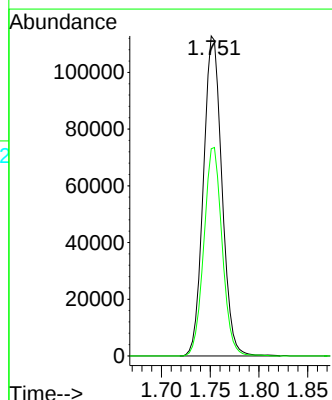
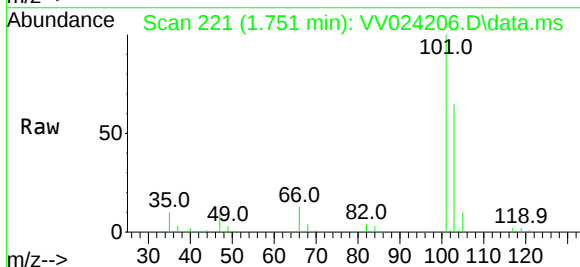
Instrument :
MSVOA_V
ClientSampleId :

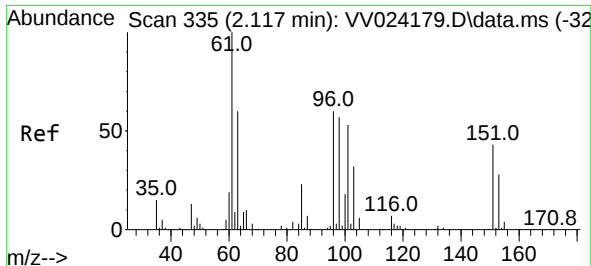
Tgt Ion: 64 Resp: 50294
Ion Ratio Lower Upper
64 100
66 32.2 21.4 39.8



#9
Trichlorofluoromethane
Concen: 4.692 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV024206.D
Acq: 28 Dec 2021 09:40

Tgt Ion:101 Resp: 148979
Ion Ratio Lower Upper
101 100
103 64.4 51.6 77.4

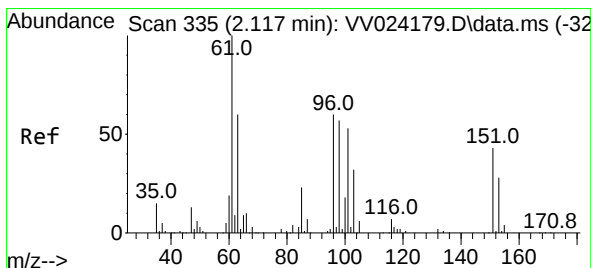
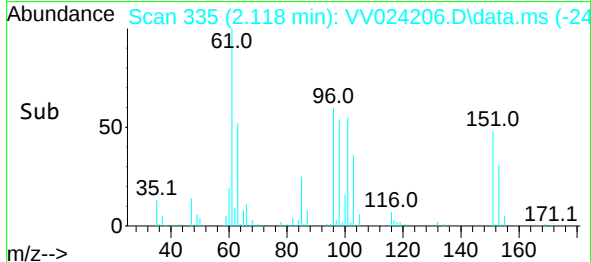
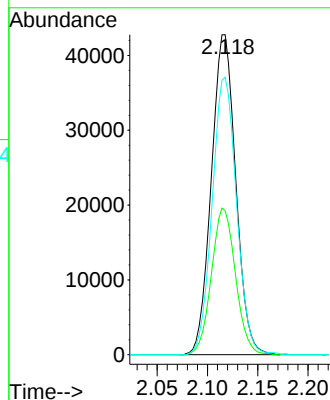
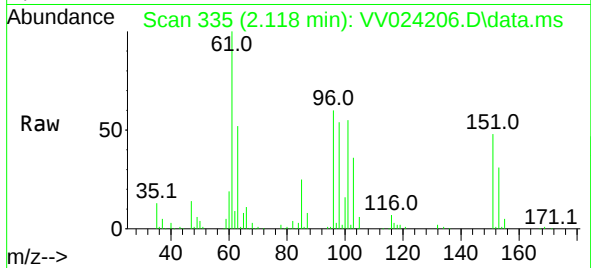




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.740 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV024206.D
Acq: 28 Dec 2021 09:40

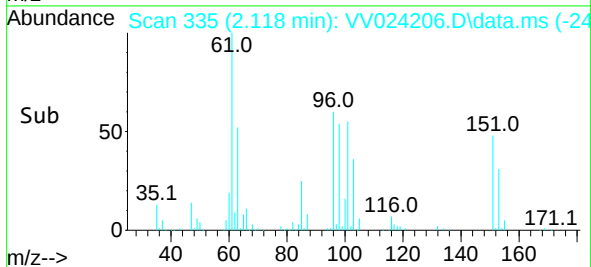
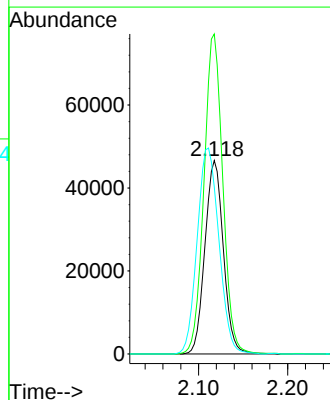
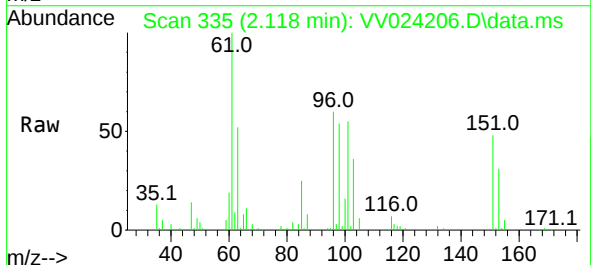
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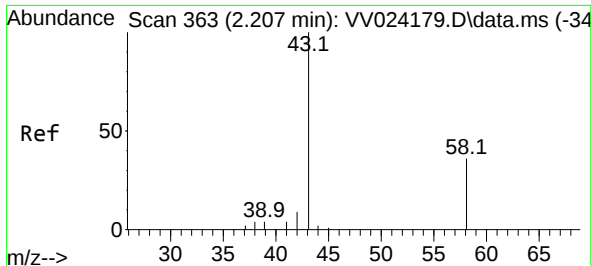
Tgt Ion:101 Resp: 72239
Ion Ratio Lower Upper
101 100
85 45.1 36.0 54.0
151 86.7 66.4 99.6



#12
1,1-Dichloroethene
Concen: 4.468 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV024206.D
Acq: 28 Dec 2021 09:40

Tgt Ion: 96 Resp: 67036
Ion Ratio Lower Upper
96 100
61 165.5 116.1 215.5
63 86.4 79.4 147.4





#13

Acetone

Concen: 19.084 ug/L

RT: 2.204 min Scan# 30

Delta R.T. -0.006 min

Lab File: VV024206.D

Acq: 28 Dec 2021 09:40

Instrument :

MSVOA_V

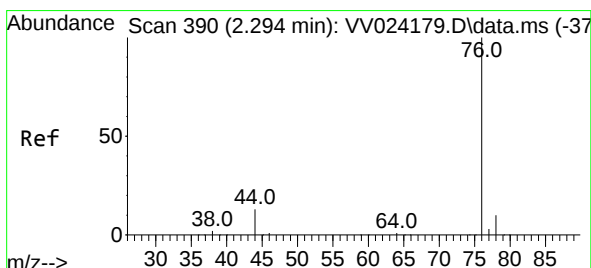
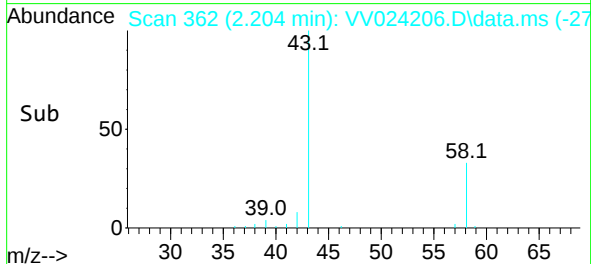
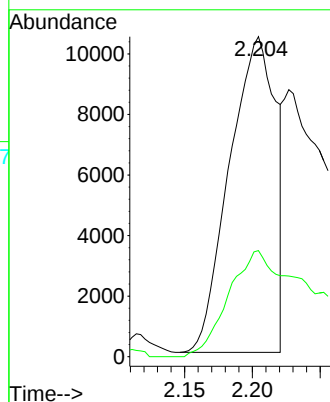
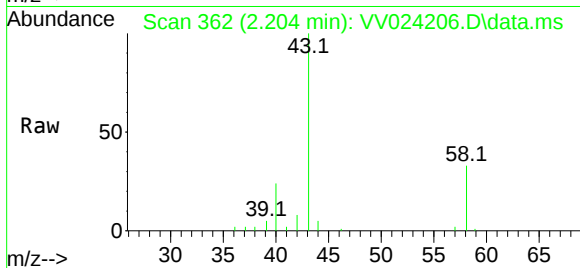
ClientSampleId :

Tgt Ion: 43 Resp: 24725

Ion Ratio Lower Upper

43 100

58 81.4 0.0 41.4#



#14

Carbon disulfide

Concen: 4.394 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.003 min

Lab File: VV024206.D

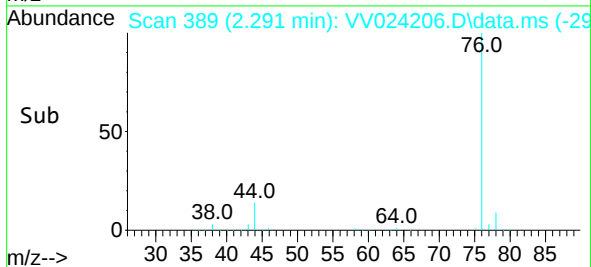
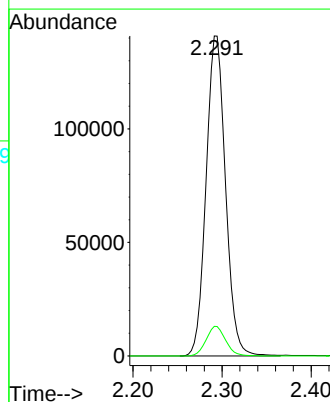
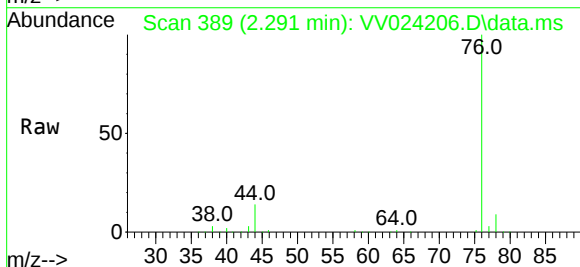
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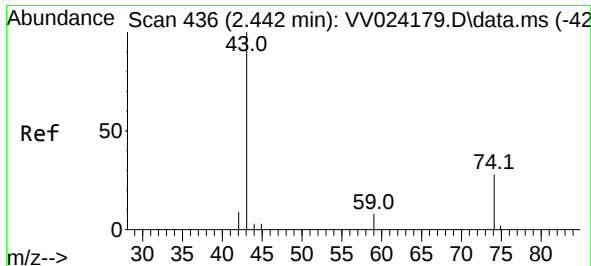
Tgt Ion: 76 Resp: 213019

Ion Ratio Lower Upper

76 100

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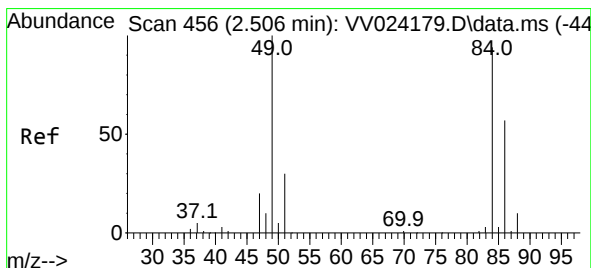
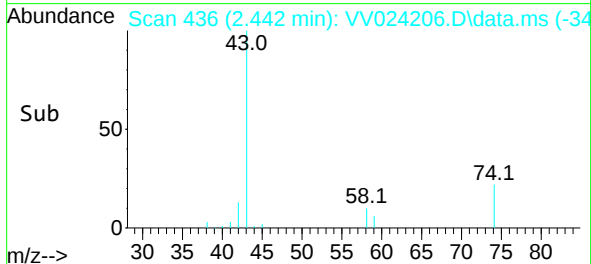
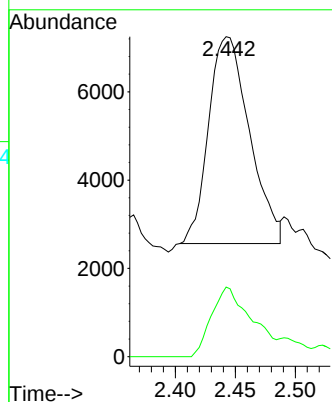
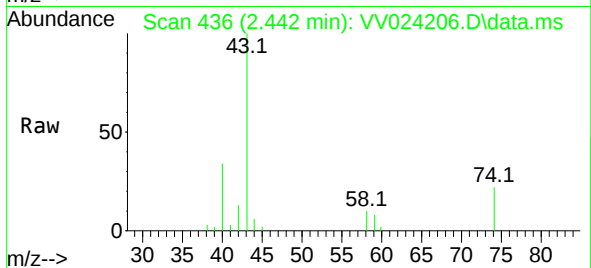




#15
Methyl Acetate
Concen: 3.463 ug/L
RT: 2.442 min Scan# 411
Delta R.T. -0.003 min
Lab File: VV024206.D
Acq: 28 Dec 2021 09:40

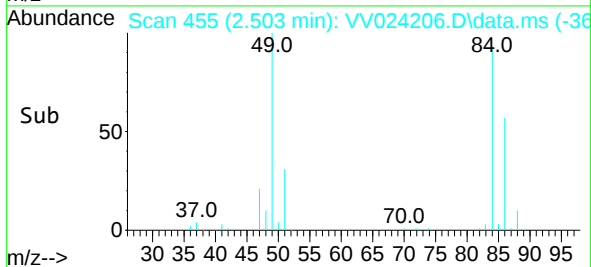
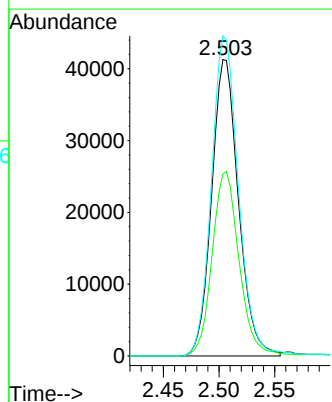
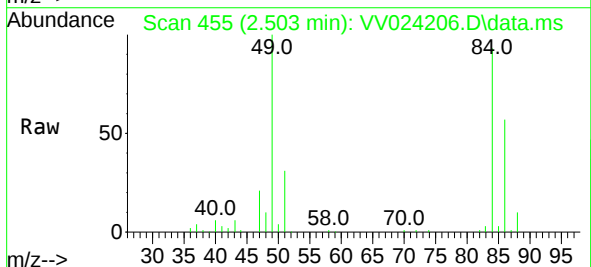
Instrument :
MSVOA_V
ClientSampleId :

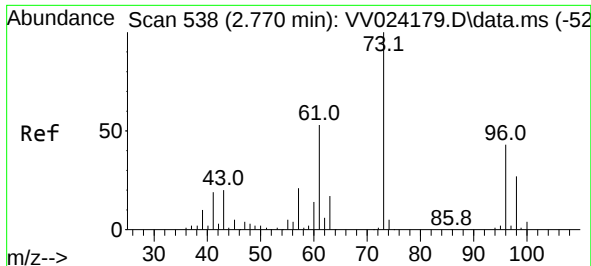
Tgt Ion: 43 Resp: 11142
Ion Ratio Lower Upper
43 100
74 33.0 20.2 30.2#



#16
Methylene chloride
Concen: 4.312 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.003 min
Lab File: VV024206.D
Acq: 28 Dec 2021 09:40

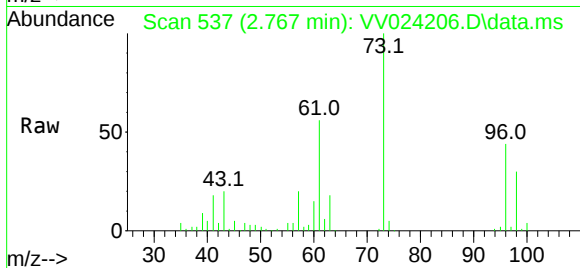
Tgt Ion: 84 Resp: 69146
Ion Ratio Lower Upper
84 100
86 61.4 42.6 79.0
49 107.9 79.7 147.9



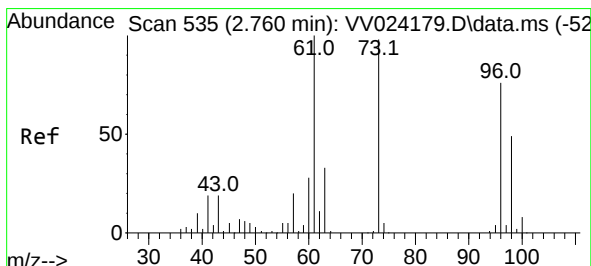
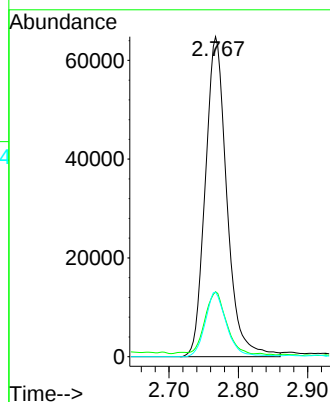
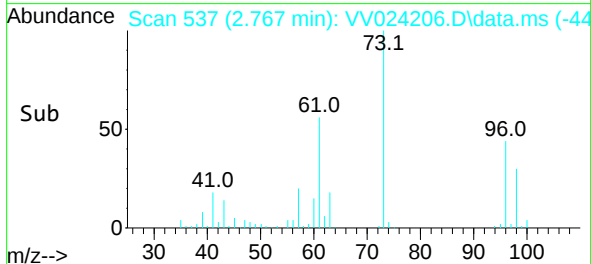


#17
Methyl tert-butyl Ether
Concen: 4.617 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV024206.D
Acq: 28 Dec 2021 09:40

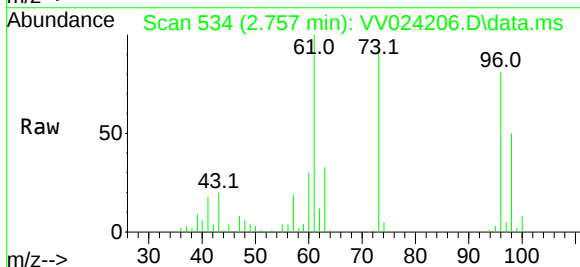
Instrument :
MSVOA_V
ClientSampleId :



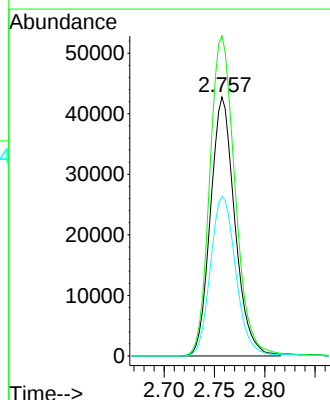
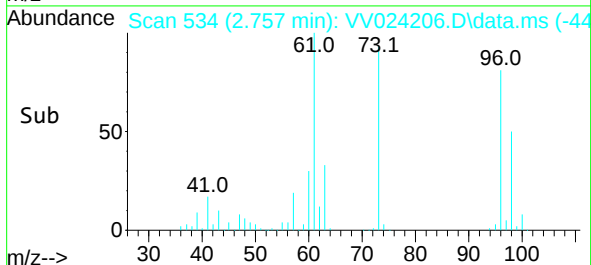
Tgt Ion: 73 Resp: 140053
Ion Ratio Lower Upper
73 100
43 18.9 15.5 23.3
57 20.0 17.1 25.7

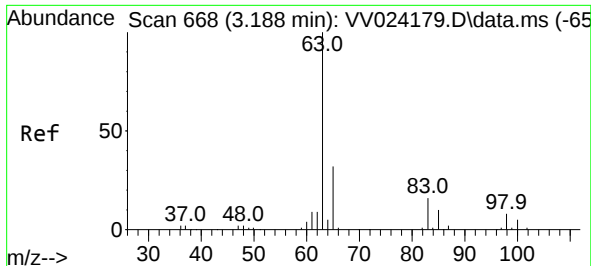


#18
trans-1,2-Dichloroethene
Concen: 4.526 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV024206.D
Acq: 28 Dec 2021 09:40



Tgt Ion: 96 Resp: 72109
Ion Ratio Lower Upper
96 100
61 123.6 88.2 163.8
98 61.6 44.9 83.5





#19

1,1-Dichloroethane

Concen: 4.391 ug/L

RT: 3.188 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV024206.D

Acq: 28 Dec 2021 09:40

Instrument :

MSVOA_V

ClientSampleId :

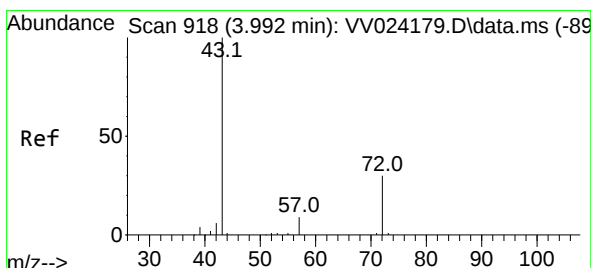
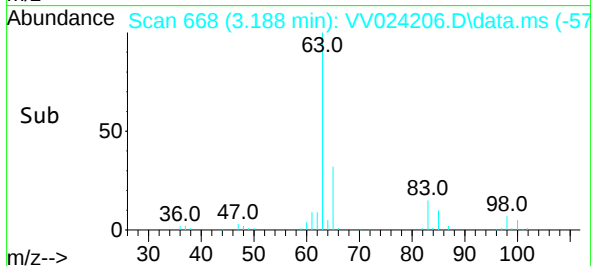
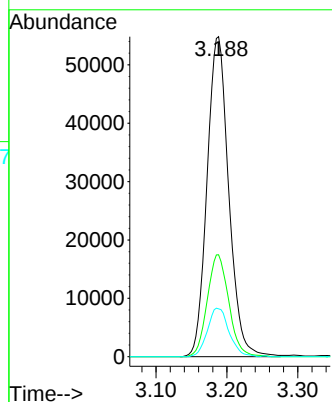
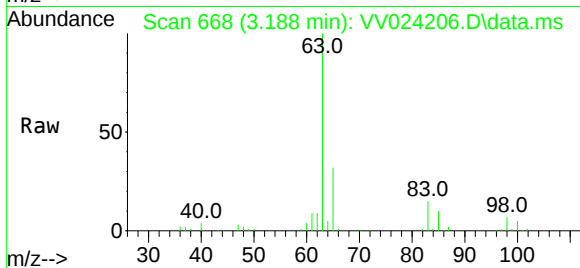
Tgt Ion: 63 Resp: 116457

Ion Ratio Lower Upper

63 100

65 31.8 22.3 41.3

83 15.0 10.7 19.9



#21

2-Butanone

Concen: 42.269 ug/L

RT: 3.992 min Scan# 918

Delta R.T. -0.003 min

Lab File: VV024206.D

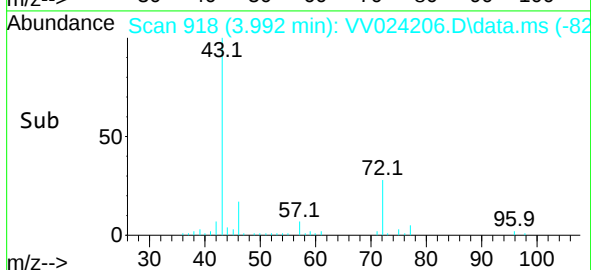
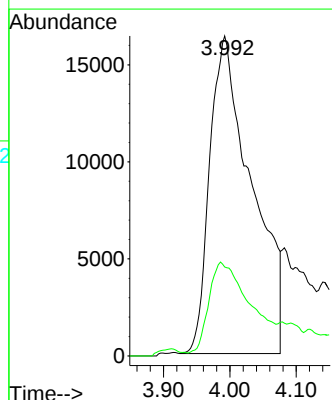
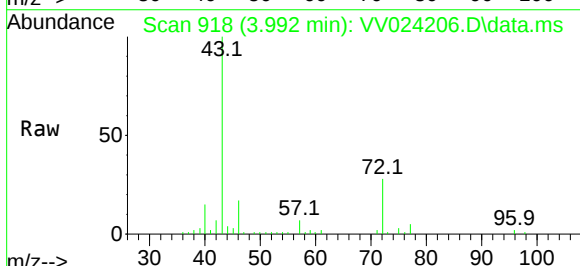
Acq: 28 Dec 2021 09:40

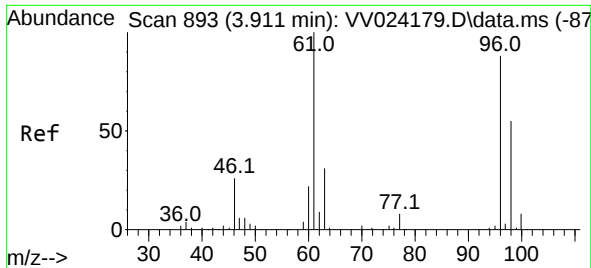
Tgt Ion: 43 Resp: 72054

Ion Ratio Lower Upper

43 100

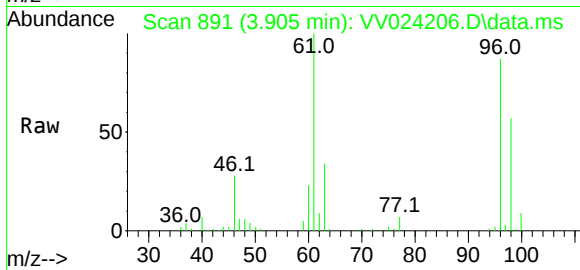
72 28.0 11.1 33.1



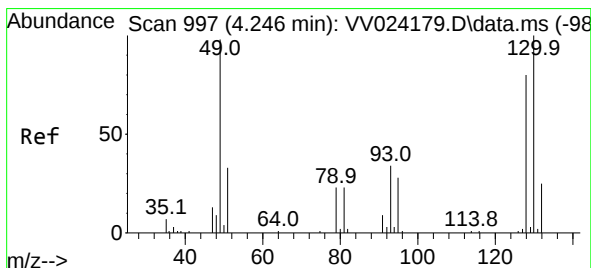
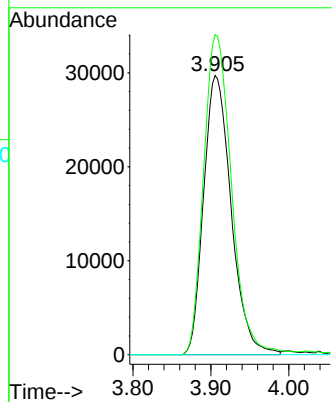
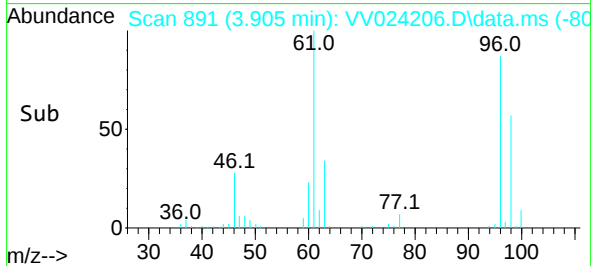


#22
 cis-1,2-Dichloroethene
 Concen: 4.632 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. -0.006 min
 Lab File: VV024206.D
 Acq: 28 Dec 2021 09:40

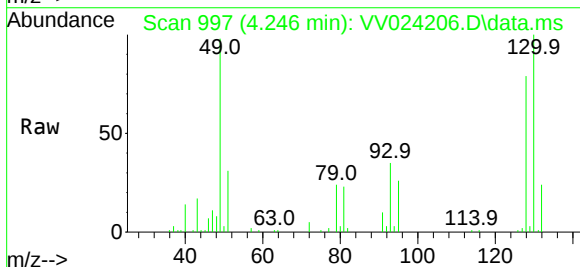
Instrument :
 MSVOA_V
 ClientSampleId :



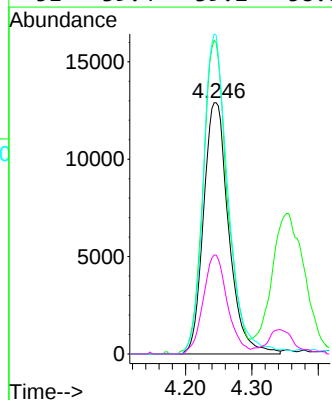
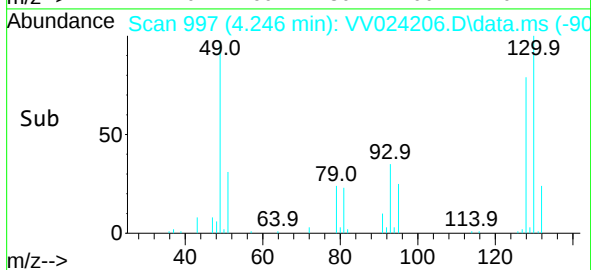
Tgt Ion: 96 Resp: 73030
 Ion Ratio Lower Upper
 96 100
 61 114.6 83.4 154.8
 68 0.0 0.0 0.0

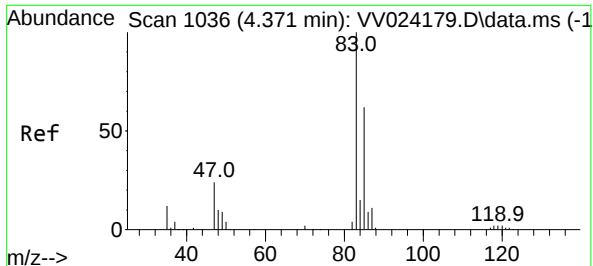


#23
 Bromochloromethane
 Concen: 4.503 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. -0.003 min
 Lab File: VV024206.D
 Acq: 28 Dec 2021 09:40



Tgt Ion: 128 Resp: 33933
 Ion Ratio Lower Upper
 128 100
 49 123.9 100.2 186.2
 130 126.8 92.5 171.7
 51 39.4 39.2 58.8

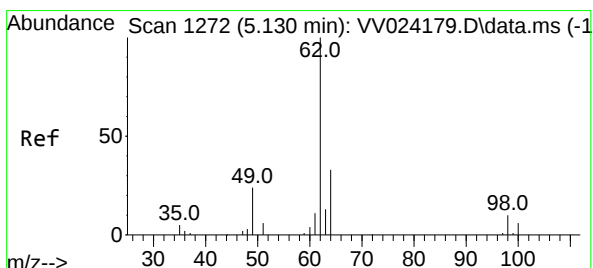
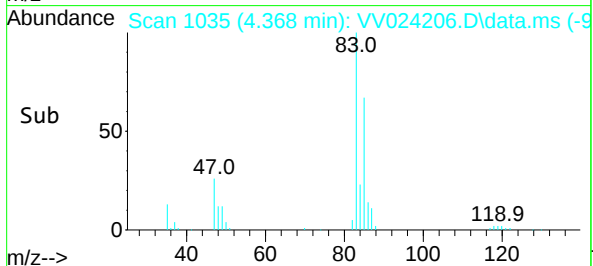
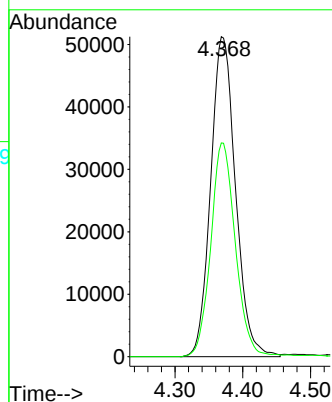
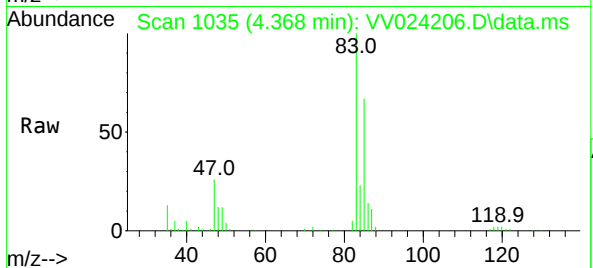




#25
Chloroform
Concen: 4.402 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VV024206.D
Acq: 28 Dec 2021 09:40

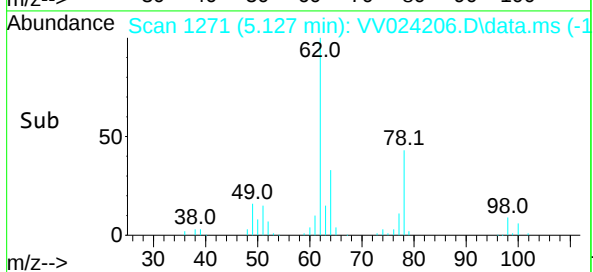
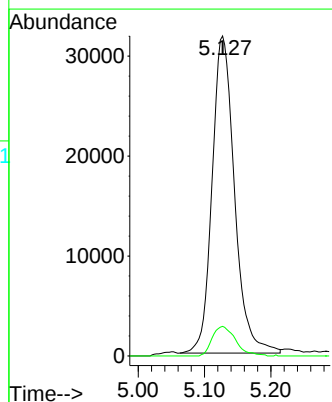
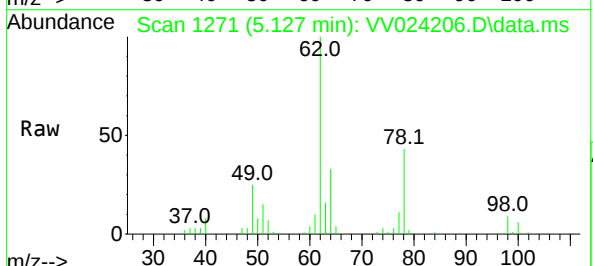
Instrument :
MSVOA_V
ClientSampleId :

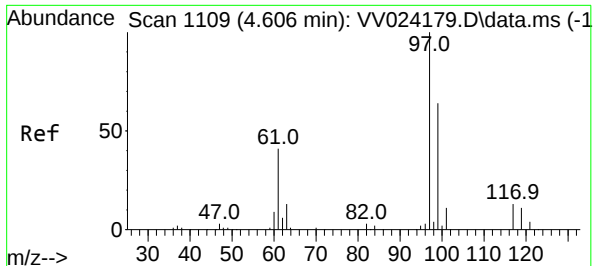
Tgt Ion: 83 Resp: 130466
Ion Ratio Lower Upper
83 100
85 66.8 45.2 84.0



#27
1,2-Dichloroethane
Concen: 4.502 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VV024206.D
Acq: 28 Dec 2021 09:40

Tgt Ion: 62 Resp: 74686
Ion Ratio Lower Upper
62 100
98 9.3 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 4.433 ug/L

RT: 4.603 min Scan# 1109

Delta R.T. -0.003 min

Lab File: VV024206.D

Acq: 28 Dec 2021 09:40

Instrument :

MSVOA_V

ClientSampleId :

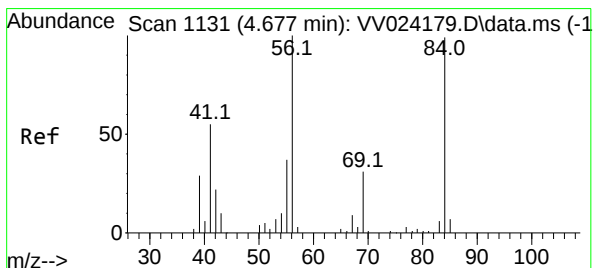
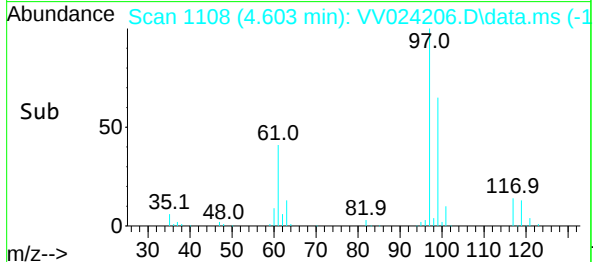
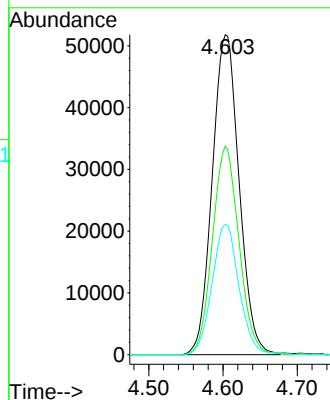
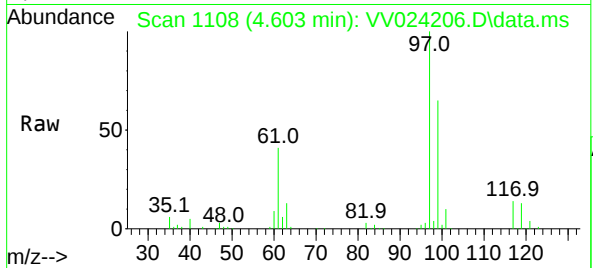
Tgt Ion: 97 Resp: 130185

Ion Ratio Lower Upper

97 100

99 64.2 51.9 77.9

61 41.0 33.2 49.8



#30

Cyclohexane

Concen: 4.700 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.003 min

Lab File: VV024206.D

Acq: 28 Dec 2021 09:40

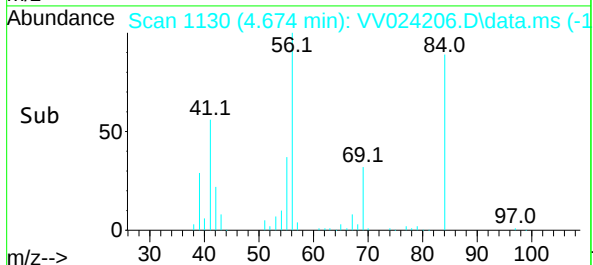
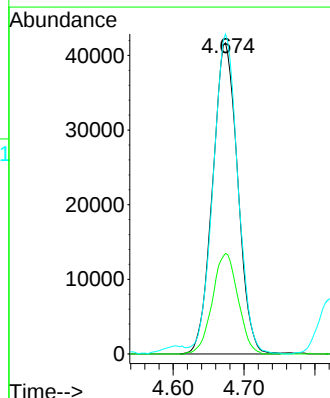
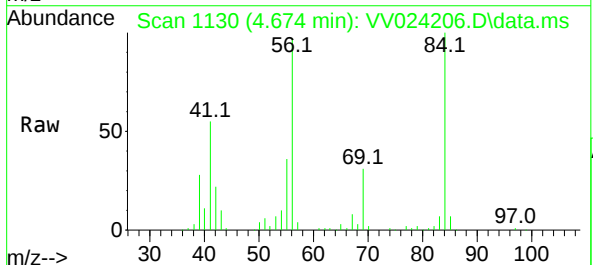
Tgt Ion: 56 Resp: 102691

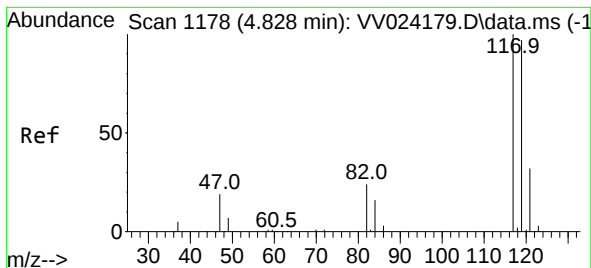
Ion Ratio Lower Upper

56 100

69 32.8 24.8 37.2

84 101.6 75.9 113.9





#31

Carbon tetrachloride

Concen: 4.569 ug/L

RT: 4.822 min Scan# 1176

Delta R.T. -0.006 min

Lab File: VV024206.D

Acq: 28 Dec 2021 09:40

Instrument :

MSVOA_V

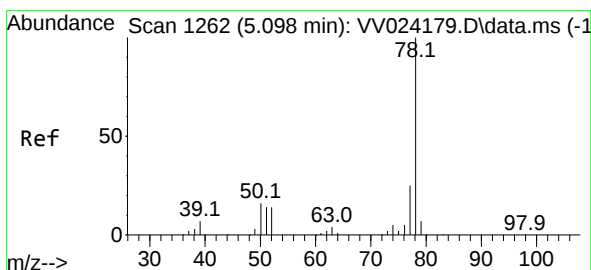
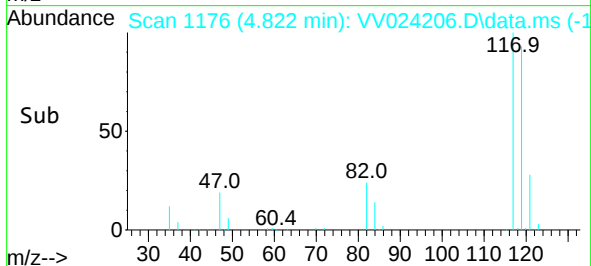
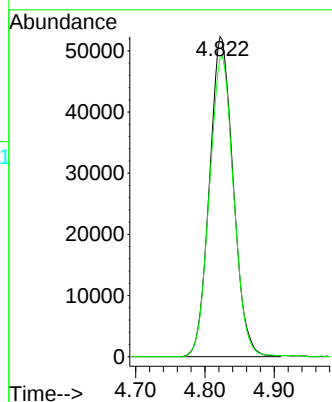
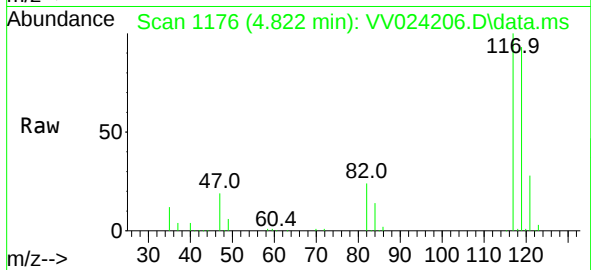
ClientSampleId :

Tgt Ion:117 Resp: 124462

Ion Ratio Lower Upper

117 100

119 95.7 76.6 114.8



#33

Benzene

Concen: 4.460 ug/L

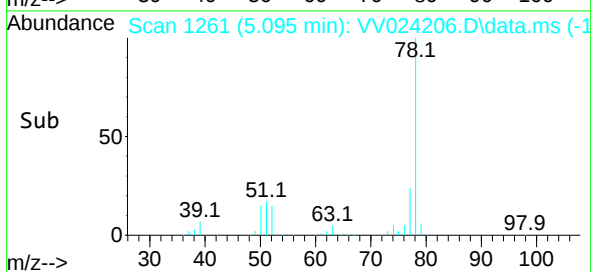
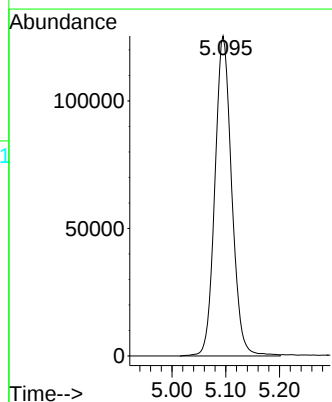
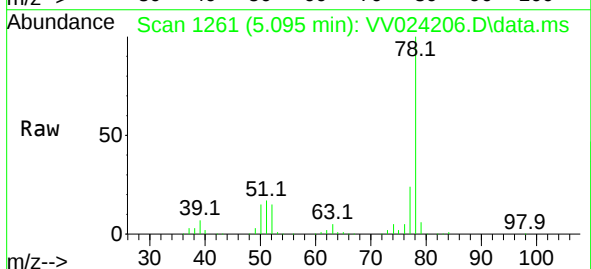
RT: 5.095 min Scan# 1261

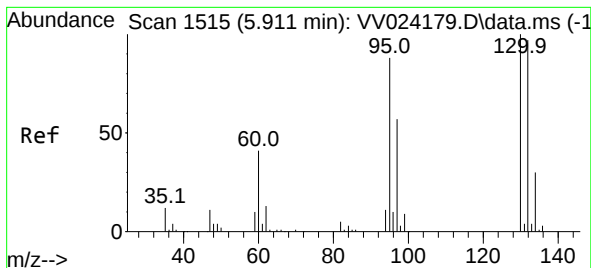
Delta R.T. -0.003 min

Lab File: VV024206.D

Acq: 28 Dec 2021 09:40

Tgt Ion: 78 Resp: 272485





#34

Trichloroethene

Concen: 4.504 ug/L

RT: 5.908 min Scan# 1

Delta R.T. -0.003 min

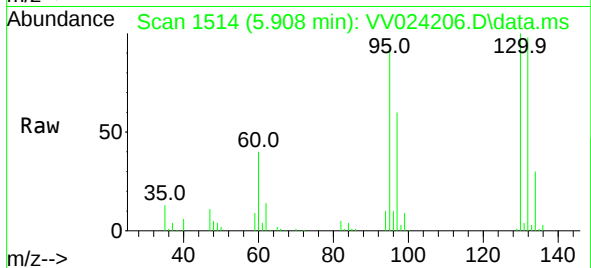
Lab File: VV024206.D

Acq: 28 Dec 2021 09:40

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 77653

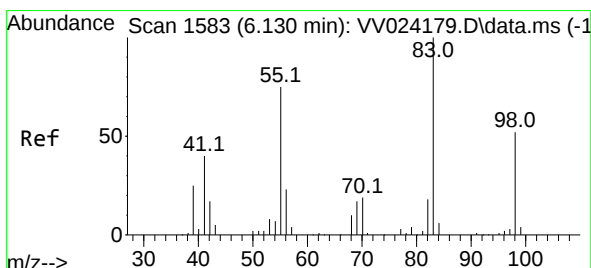
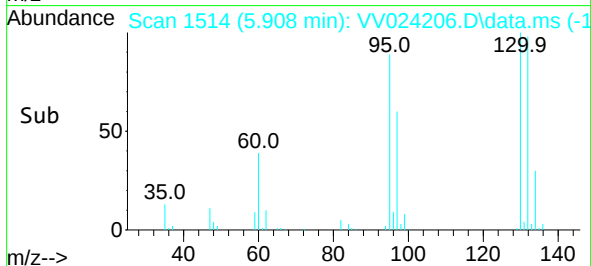
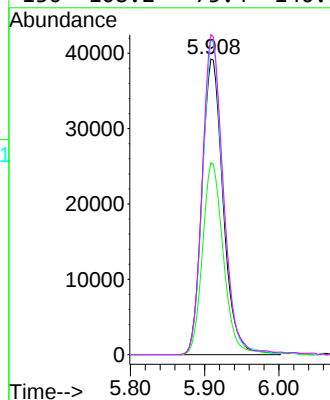
Ion Ratio Lower Upper

95 100

97 64.9 45.2 84.0

132 106.0 76.1 141.3

130 108.2 75.4 140.0



#35

Methylcyclohexane

Concen: 4.944 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. -0.003 min

Lab File: VV024206.D

Acq: 28 Dec 2021 09:40

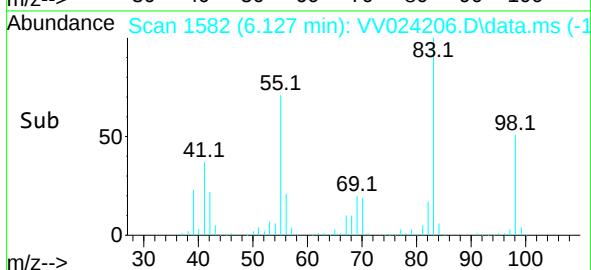
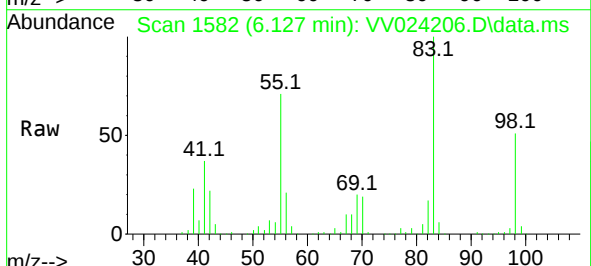
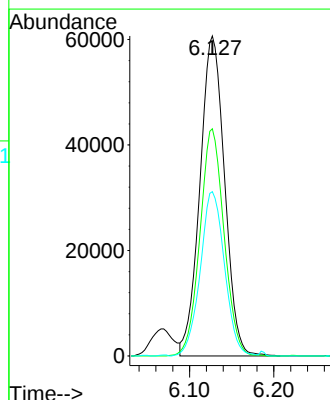
Tgt Ion: 83 Resp: 123441

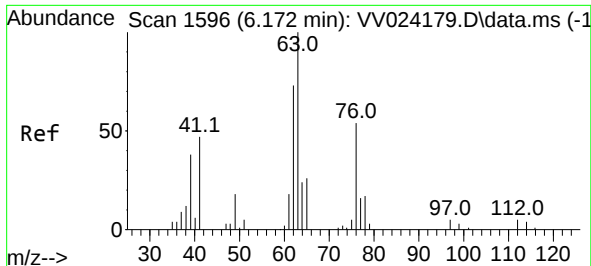
Ion Ratio Lower Upper

83 100

55 69.4 60.2 90.2

98 50.6 41.0 61.4





#37

1,2-Dichloropropane

Concen: 4.121 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV024206.D

Acq: 28 Dec 2021 09:40

Instrument :

MSVOA_V

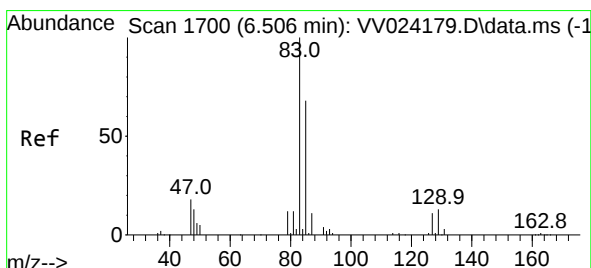
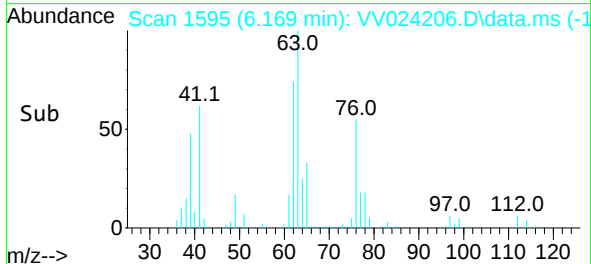
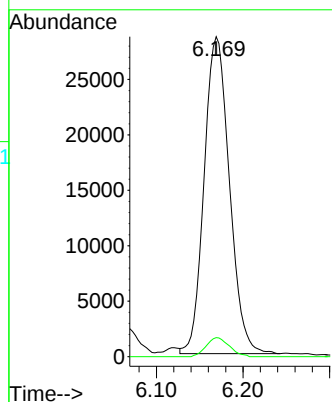
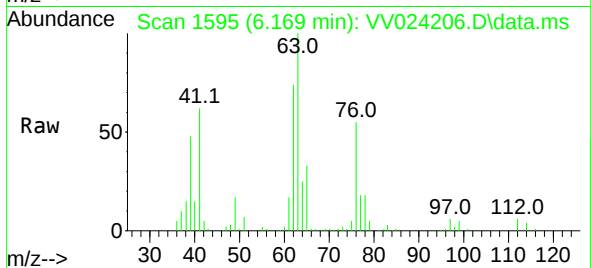
ClientSampleId :

Tgt Ion: 63 Resp: 58059

Ion Ratio Lower Upper

63 100

112 5.5 4.3 6.5



#38

Bromodichloromethane

Concen: 4.341 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VV024206.D

Acq: 28 Dec 2021 09:40

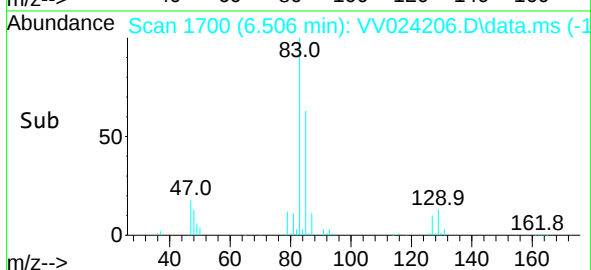
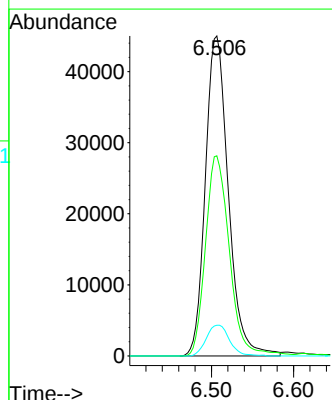
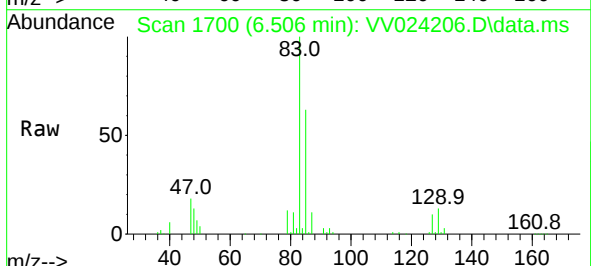
Tgt Ion: 83 Resp: 87631

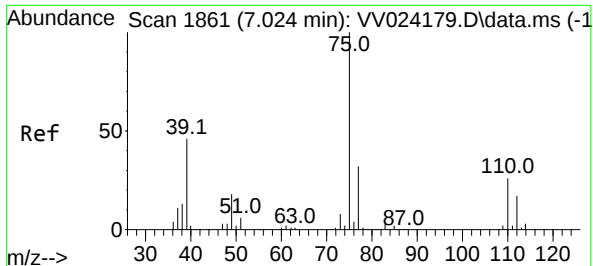
Ion Ratio Lower Upper

83 100

85 62.6 44.0 81.8

127 9.6 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 4.533 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.003 min

Lab File: VV024206.D

Acq: 28 Dec 2021 09:40

Instrument :

MSVOA_V

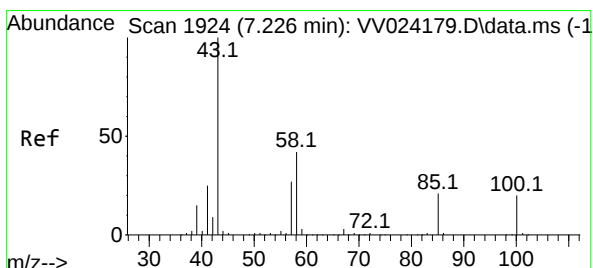
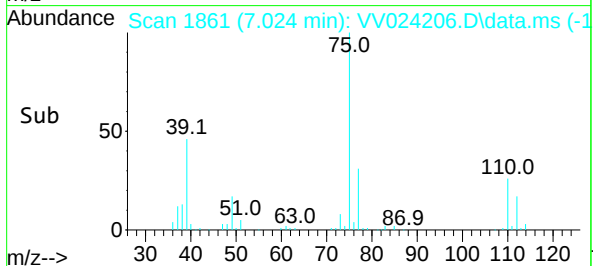
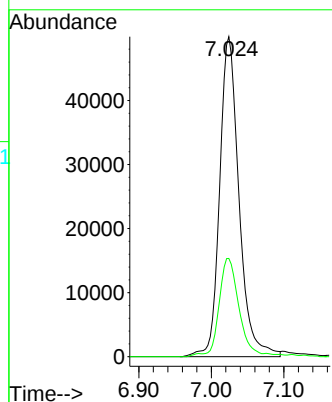
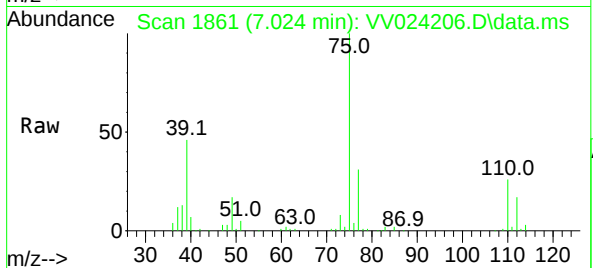
ClientSampleId :

Tgt Ion: 75 Resp: 92563

Ion Ratio Lower Upper

75 100

77 30.7 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 45.672 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.003 min

Lab File: VV024206.D

Acq: 28 Dec 2021 09:40

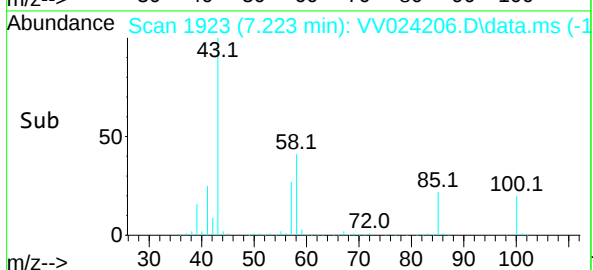
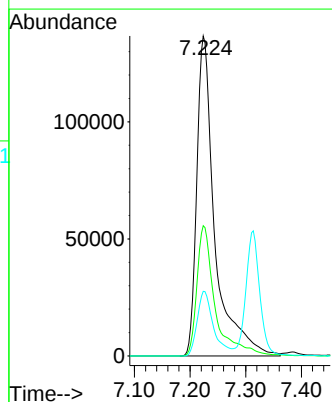
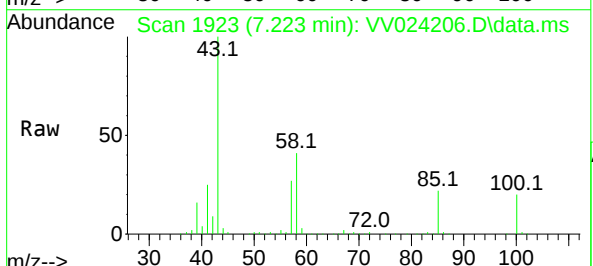
Tgt Ion: 43 Resp: 307528

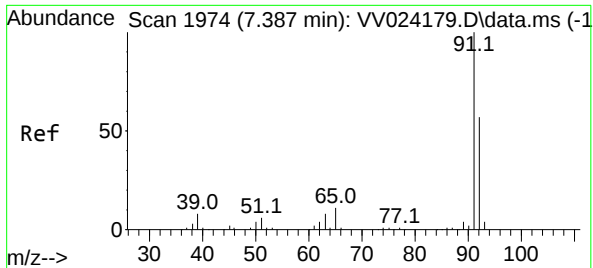
Ion Ratio Lower Upper

43 100

58 41.4 32.3 48.5

100 18.3 13.0 19.6





#42

Toluene

Concen: 4.581 ug/L

RT: 7.384 min Scan# 1974

Delta R.T. -0.003 min

Lab File: VV024206.D

Acq: 28 Dec 2021 09:40

Instrument :

MSVOA_V

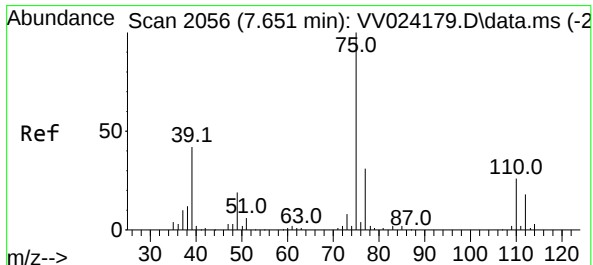
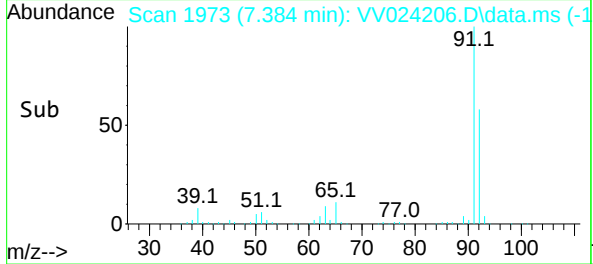
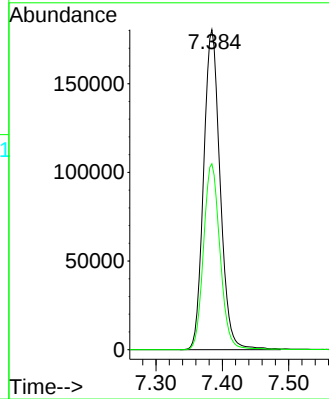
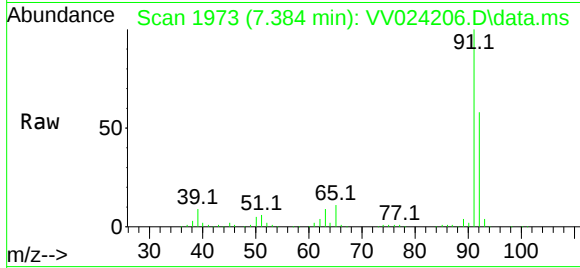
ClientSampleId :

Tgt Ion: 91 Resp: 312313

Ion Ratio Lower Upper

91 100

92 58.1 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 4.621 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.003 min

Lab File: VV024206.D

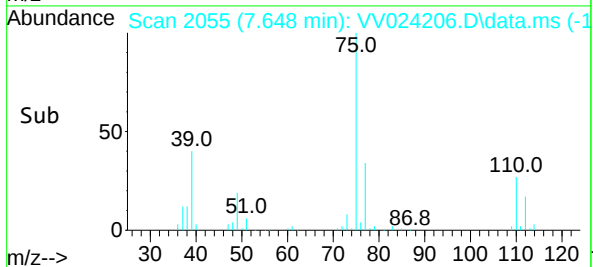
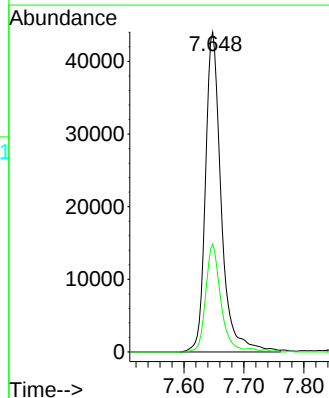
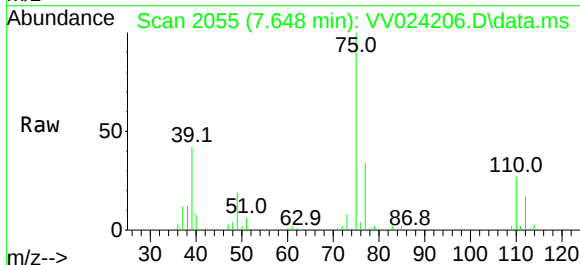
Acq: 28 Dec 2021 09:40

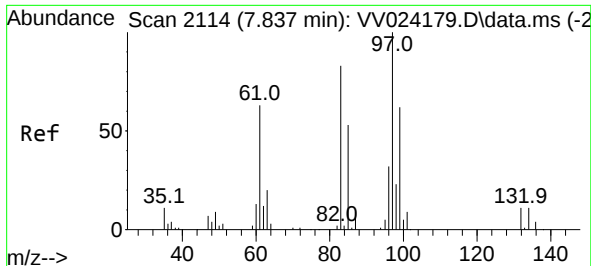
Tgt Ion: 75 Resp: 80592

Ion Ratio Lower Upper

75 100

77 33.7 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 4.455 ug/L

RT: 7.834 min Scan# 2114

Delta R.T. -0.003 min

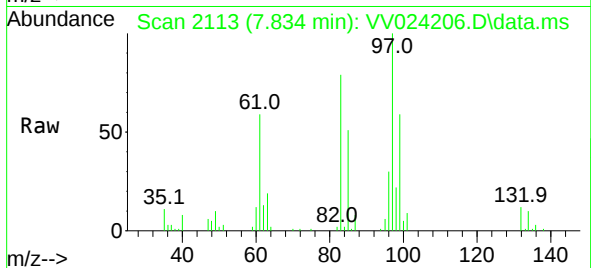
Lab File: VV024206.D

Acq: 28 Dec 2021 09:40

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 97 Resp: 46525

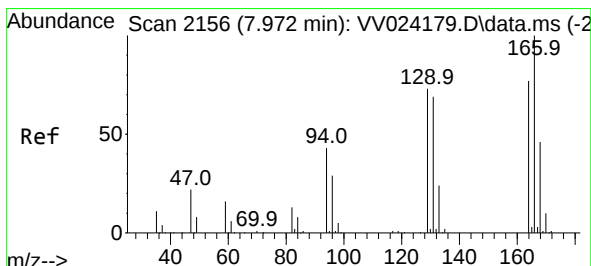
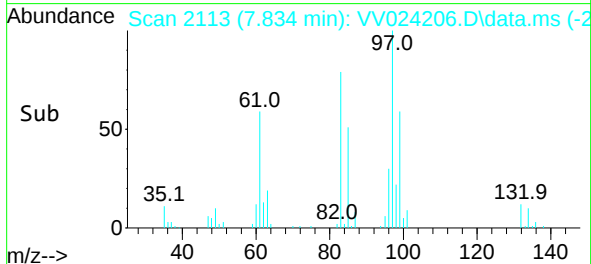
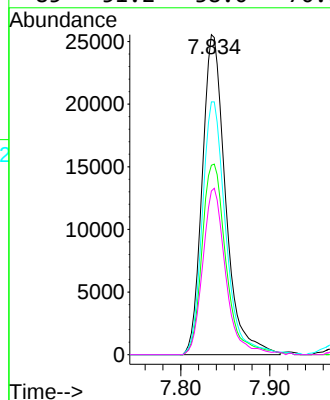
Ion Ratio Lower Upper

97 100

99 59.2 43.1 80.1

83 79.0 57.9 107.5

85 51.2 38.0 70.6



#47

Tetrachloroethene

Concen: 4.640 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.003 min

Lab File: VV024206.D

Acq: 28 Dec 2021 09:40

Tgt Ion:164 Resp: 71184

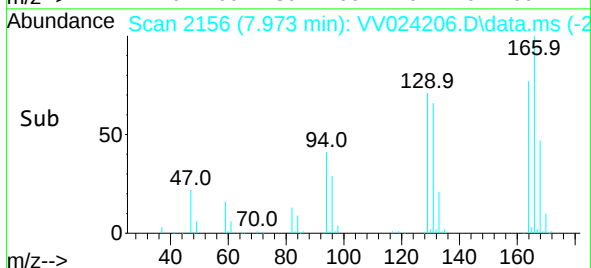
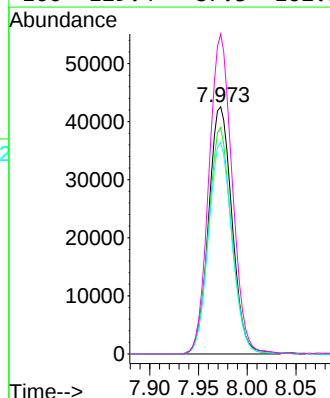
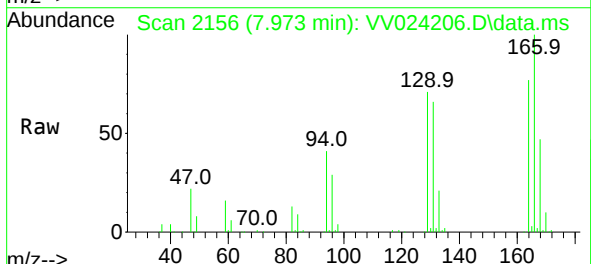
Ion Ratio Lower Upper

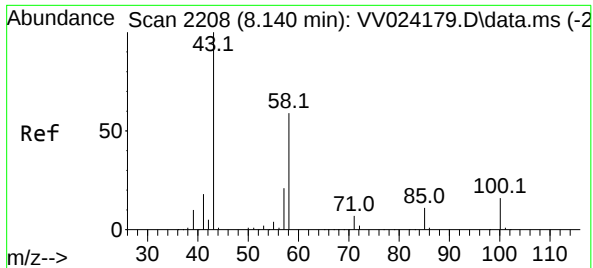
164 100

129 91.6 62.6 116.2

131 85.6 61.0 113.4

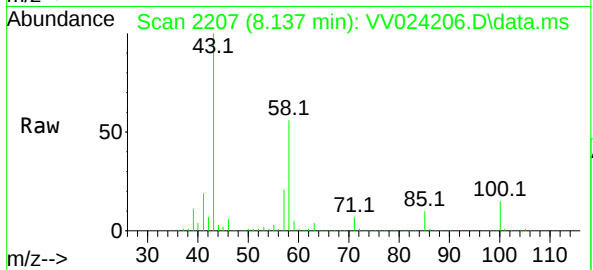
166 129.4 87.3 162.1



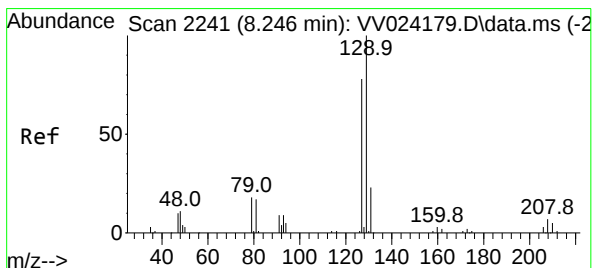
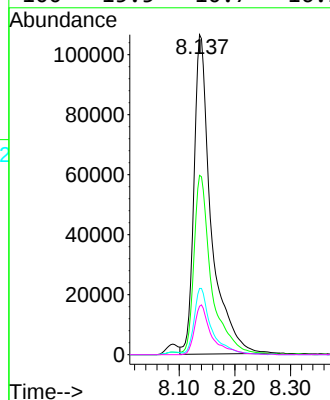
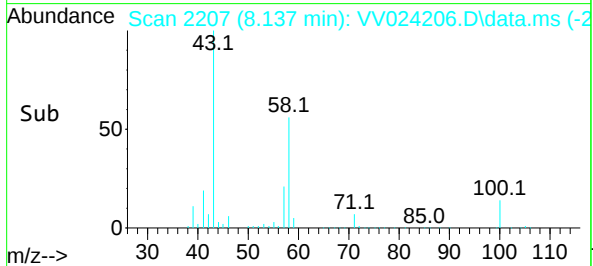


#48
2-Hexanone
Concen: 46.369 ug/L
RT: 8.137 min Scan# 21
Delta R.T. -0.006 min
Lab File: VV024206.D
Acq: 28 Dec 2021 09:40

Instrument :
MSVOA_V
ClientSampleId :

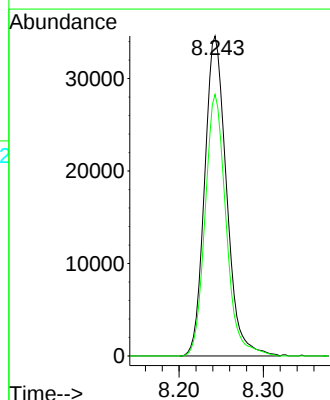
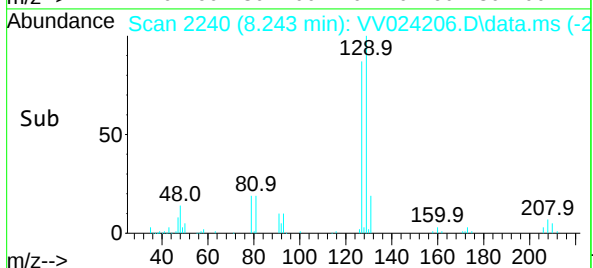
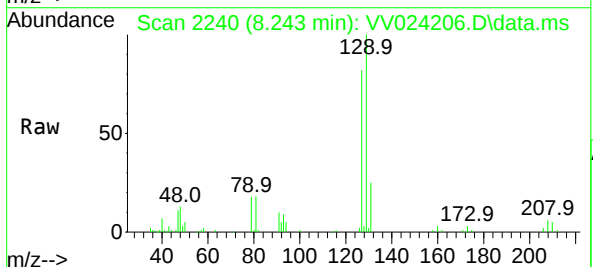


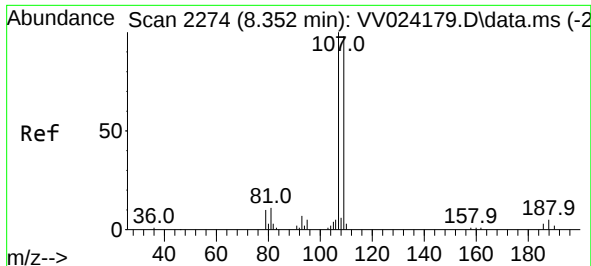
Tgt Ion: 43 Resp: 228507
Ion Ratio Lower Upper
43 100
58 56.6 44.5 66.7
57 20.8 15.1 22.7
100 15.5 10.7 16.1



#49
Dibromochloromethane
Concen: 4.450 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.003 min
Lab File: VV024206.D
Acq: 28 Dec 2021 09:40

Tgt Ion: 129 Resp: 62518
Ion Ratio Lower Upper
129 100
127 81.8 53.5 99.3





#50

1,2-Dibromoethane

Concen: 4.460 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV024206.D

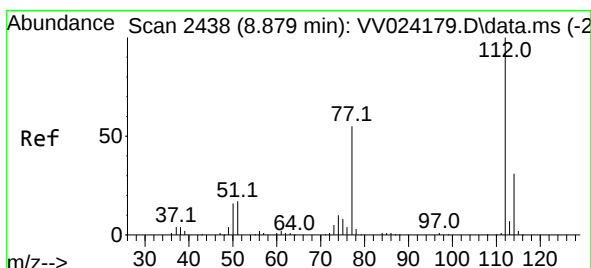
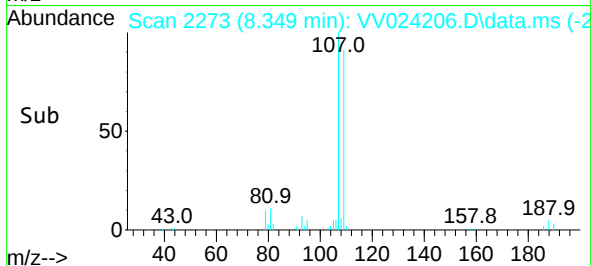
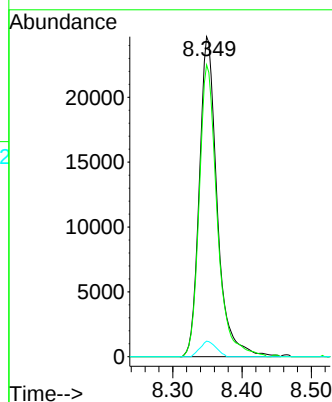
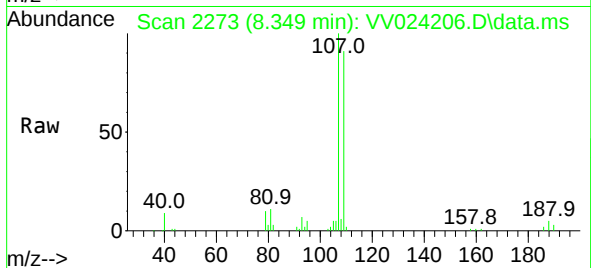
Acq: 28 Dec 2021 09:40

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	44263
Ion Ratio	Lower	Upper
107	100	
109	91.2	62.5 116.1
188	4.9	3.4 5.2



#51

Chlorobenzene

Concen: 4.444 ug/L

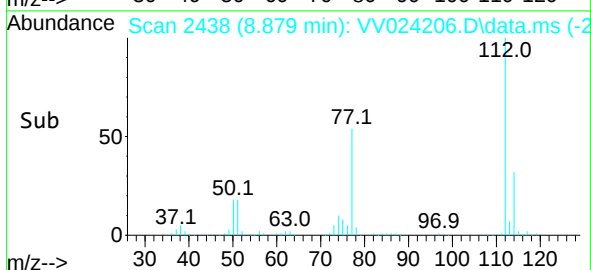
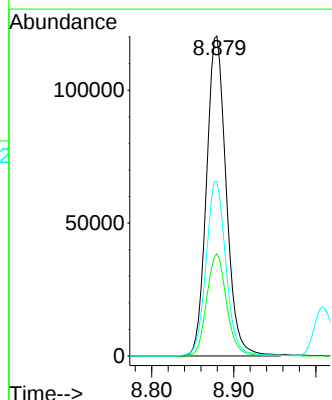
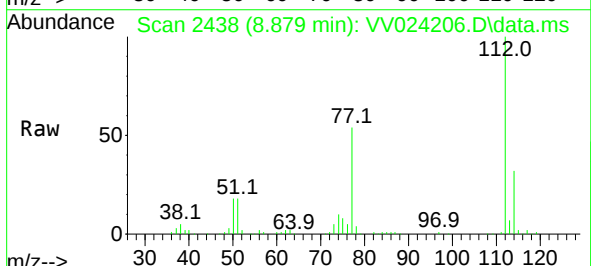
RT: 8.879 min Scan# 2438

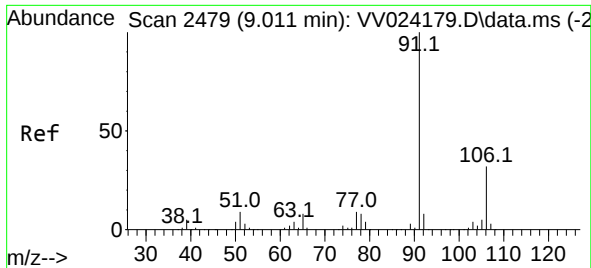
Delta R.T. 0.000 min

Lab File: VV024206.D

Acq: 28 Dec 2021 09:40

Tgt Ion:112	Resp:	200762
Ion Ratio	Lower	Upper
112	100	
114	32.0	23.3 43.3
77	54.5	43.3 64.9

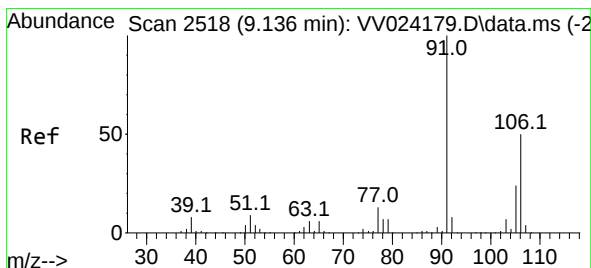
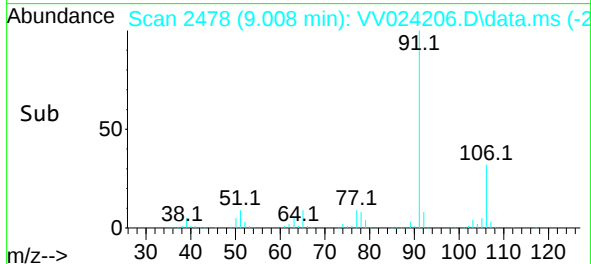
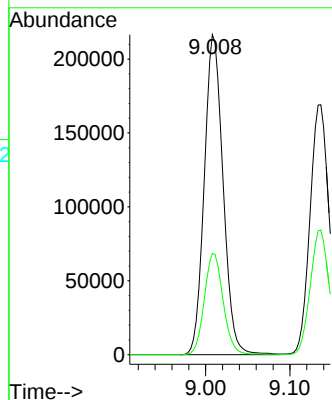
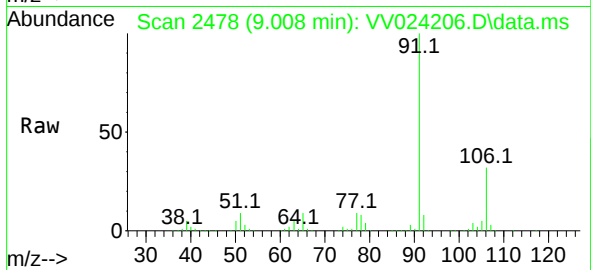




#52
Ethylbenzene
Concen: 4.642 ug/L
RT: 9.008 min Scan# 2479
Delta R.T. -0.003 min
Lab File: VV024206.D
Acq: 28 Dec 2021 09:40

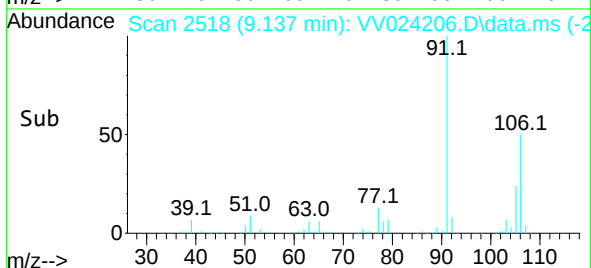
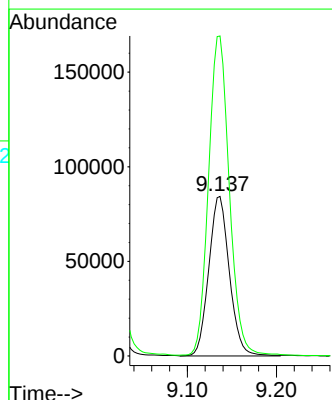
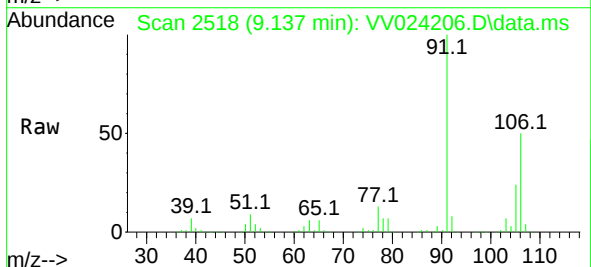
Instrument :
MSVOA_V
ClientSampleId :

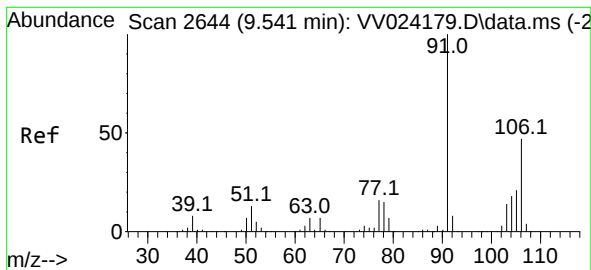
Tgt Ion: 91 Resp: 336504
Ion Ratio Lower Upper
91 100
106 31.7 22.0 41.0



#53
m,p-xylene
Concen: 4.711 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV024206.D
Acq: 28 Dec 2021 09:40

Tgt Ion:106 Resp: 135451
Ion Ratio Lower Upper
106 100
91 200.6 139.5 259.1





#54

o-xylene

Concen: 4.711 ug/L

RT: 9.542 min Scan# 2644

Delta R.T. 0.000 min

Lab File: VV024206.D

Acq: 28 Dec 2021 09:40

Instrument :

MSVOA_V

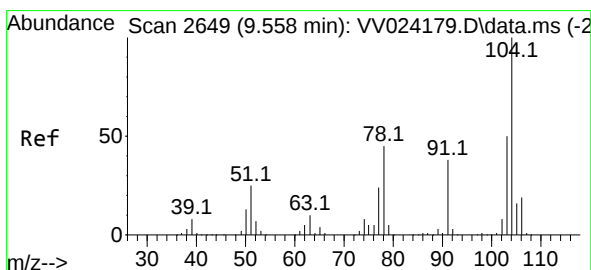
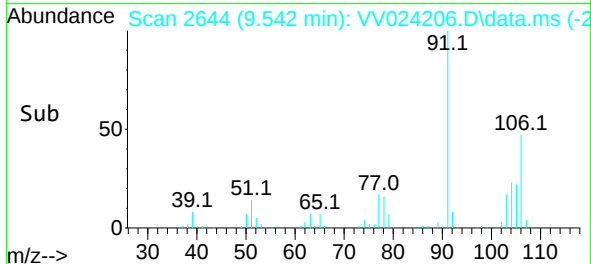
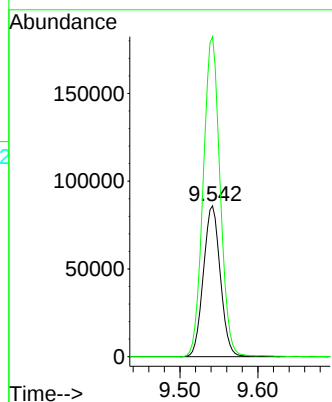
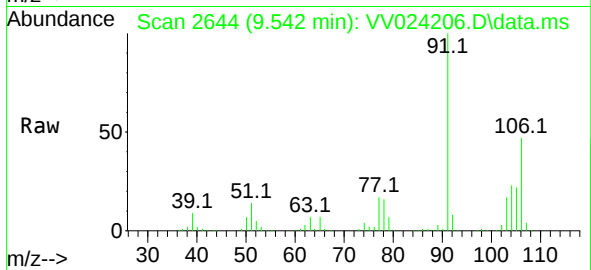
ClientSampleId :

Tgt Ion:106 Resp: 129719

Ion Ratio Lower Upper

106 100

91 212.0 147.9 274.7



#55

Styrene

Concen: 4.736 ug/L

RT: 9.558 min Scan# 2649

Delta R.T. -0.003 min

Lab File: VV024206.D

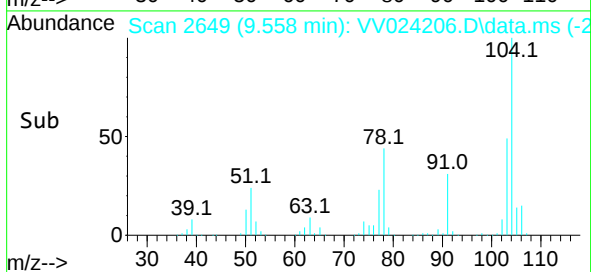
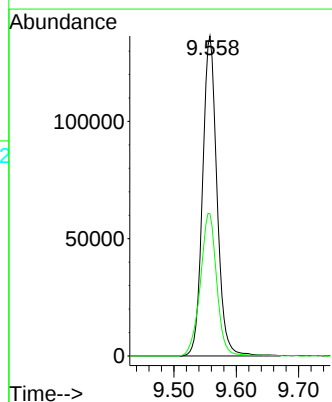
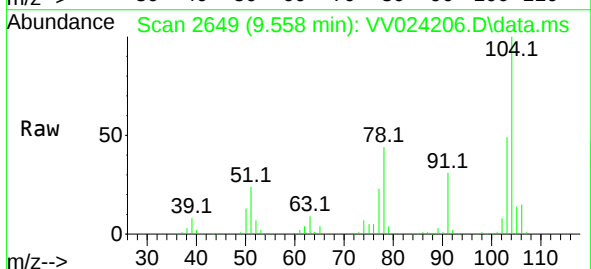
Acq: 28 Dec 2021 09:40

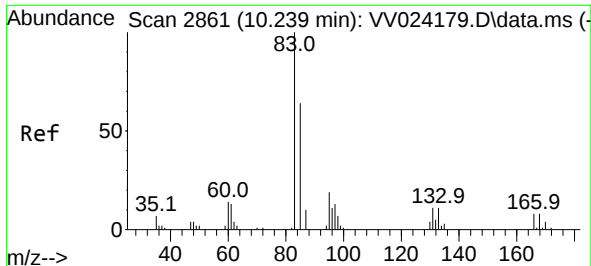
Tgt Ion:104 Resp: 219686

Ion Ratio Lower Upper

104 100

78 44.4 31.0 57.6

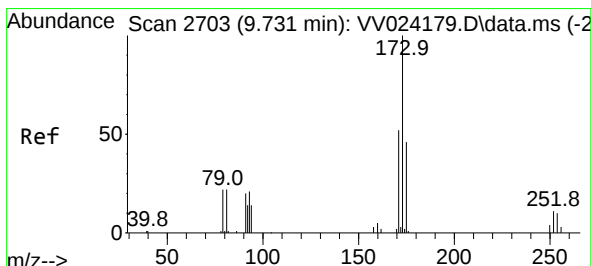
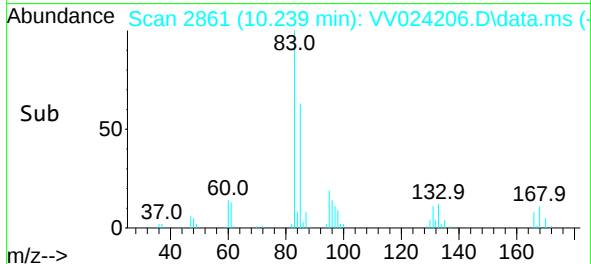
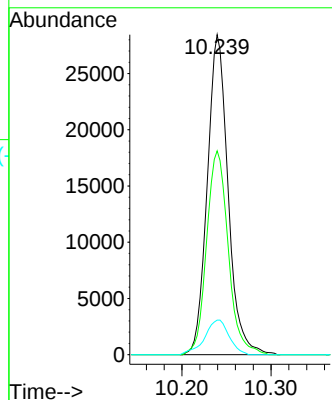
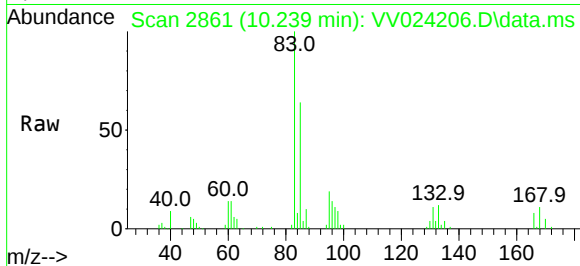




#57
1,1,2,2-Tetrachloroethane
Concen: 4.561 ug/L
RT: 10.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV024206.D
Acq: 28 Dec 2021 09:40

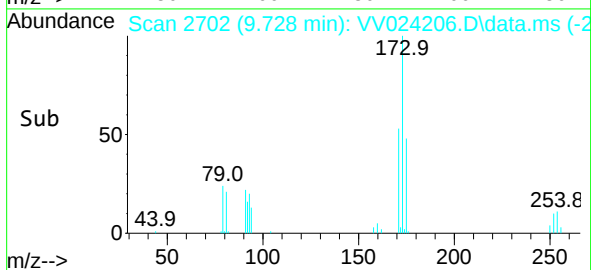
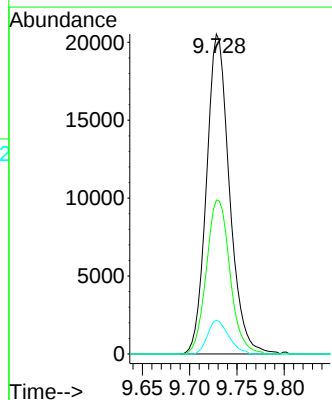
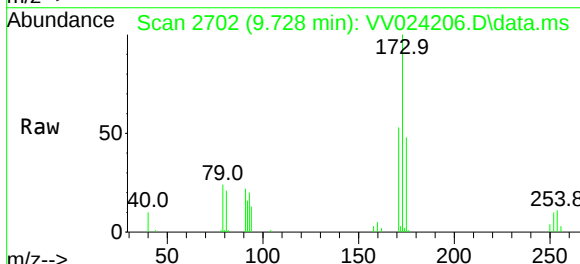
Instrument :
MSVOA_V
ClientSampleId :

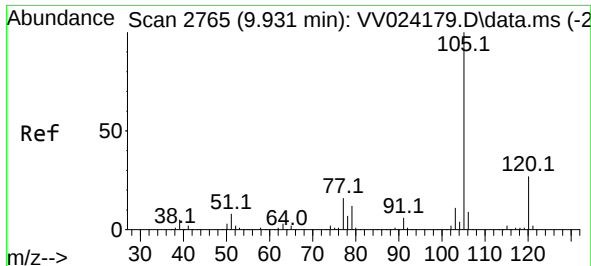
Tgt Ion: 83 Resp: 46162
Ion Ratio Lower Upper
83 100
85 63.7 44.6 82.8
131 10.8 8.3 12.5



#59
Bromoform
Concen: 4.644 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. -0.003 min
Lab File: VV024206.D
Acq: 28 Dec 2021 09:40

Tgt Ion: 173 Resp: 34736
Ion Ratio Lower Upper
173 100
175 49.4 39.4 59.2
254 9.6 7.4 11.0

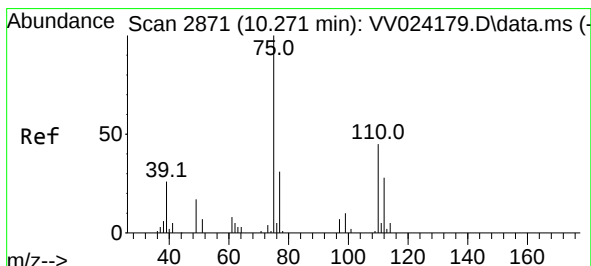
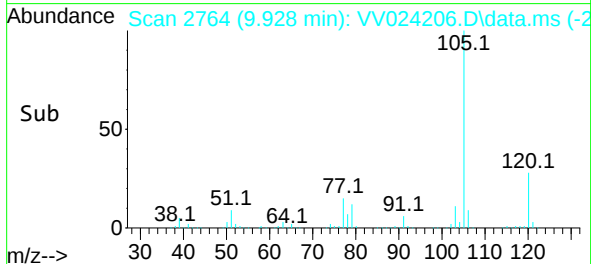
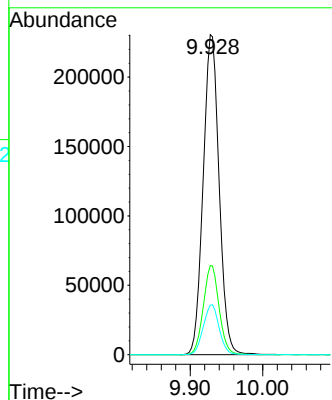
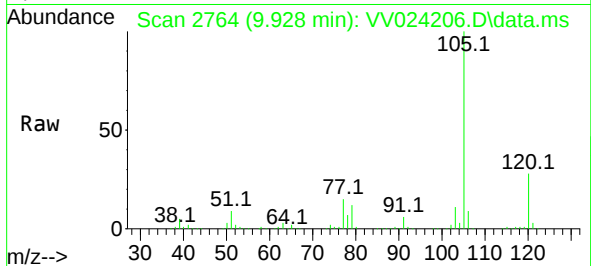




#60
Isopropylbenzene
Concen: 4.803 ug/L
RT: 9.928 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV024206.D
Acq: 28 Dec 2021 09:40

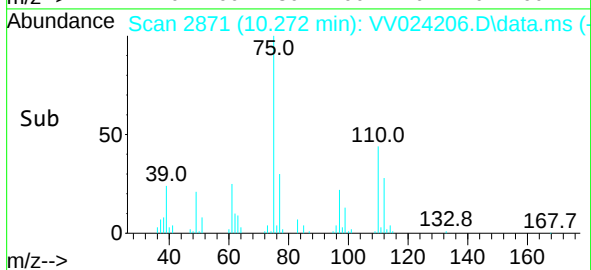
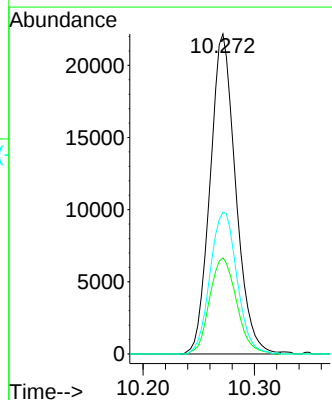
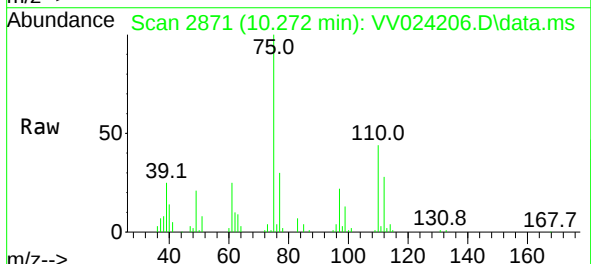
Instrument :
MSVOA_V
ClientSampleId :

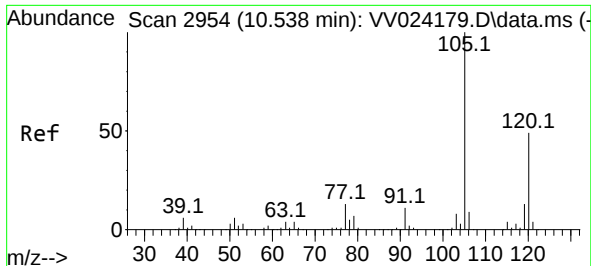
Tgt Ion:105 Resp: 352349
Ion Ratio Lower Upper
105 100
120 27.5 21.4 32.0
77 15.6 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 4.310 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV024206.D
Acq: 28 Dec 2021 09:40

Tgt Ion: 75 Resp: 35389
Ion Ratio Lower Upper
75 100
77 31.5 26.4 39.6
110 46.6 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 4.900 ug/L

RT: 10.535 min Scan# 2954

Delta R.T. -0.003 min

Lab File: VV024206.D

Acq: 28 Dec 2021 09:40

Instrument :

MSVOA_V

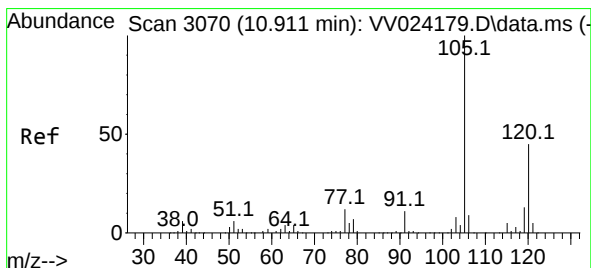
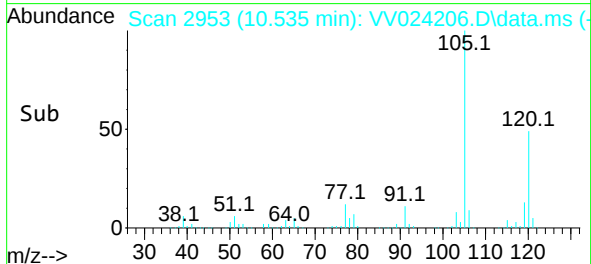
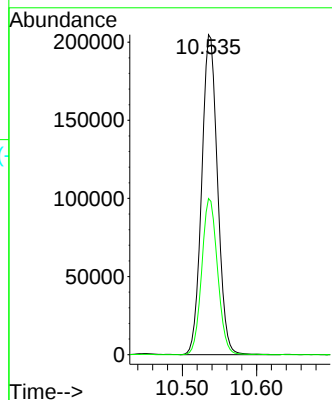
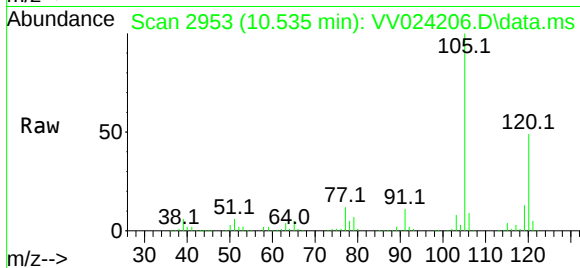
ClientSampleId :

Tgt Ion:105 Resp: 303096

Ion Ratio Lower Upper

105 100

120 48.8 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 4.927 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.003 min

Lab File: VV024206.D

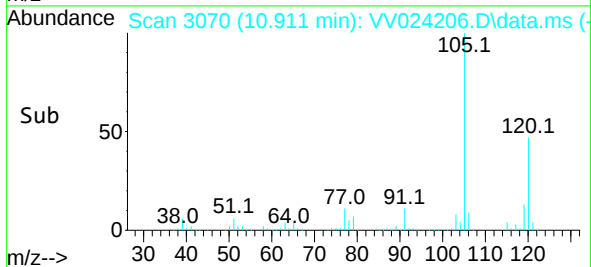
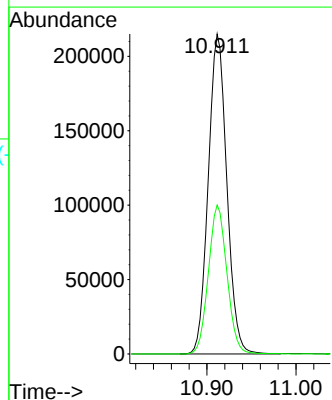
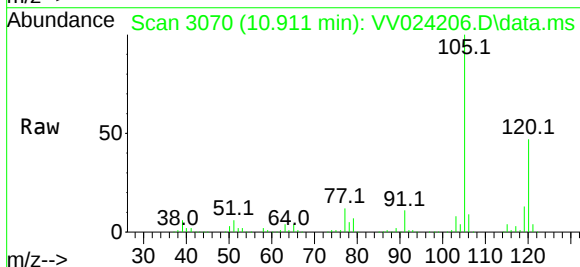
Acq: 28 Dec 2021 09:40

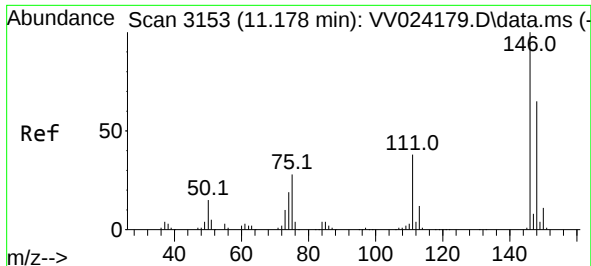
Tgt Ion:105 Resp: 310660

Ion Ratio Lower Upper

105 100

120 46.5 36.7 55.1

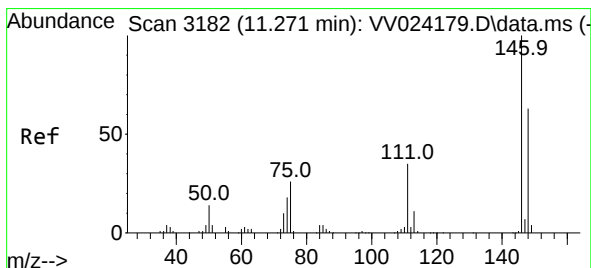
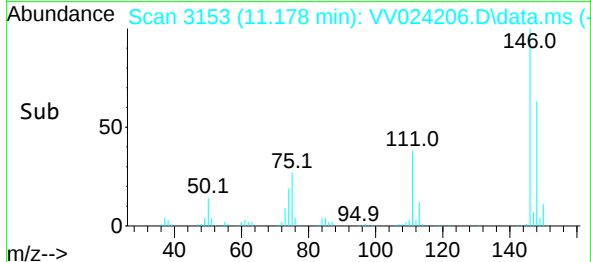
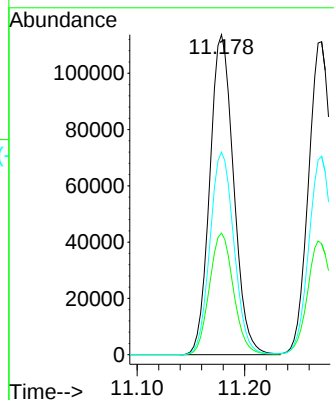
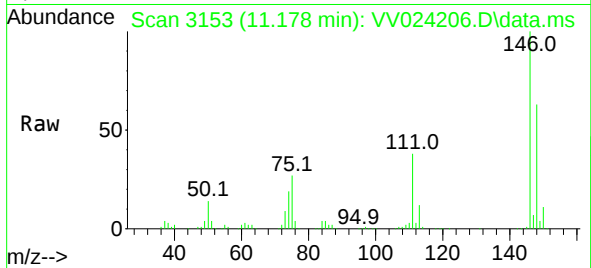




#64
1,3-Dichlorobenzene
Concen: 4.608 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV024206.D
Acq: 28 Dec 2021 09:40

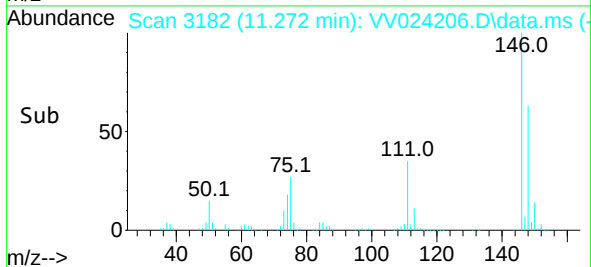
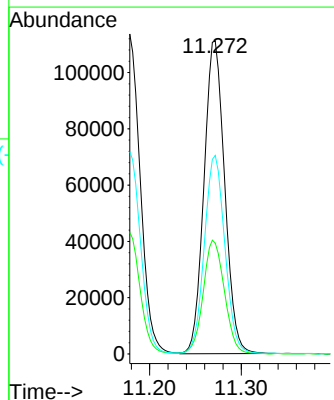
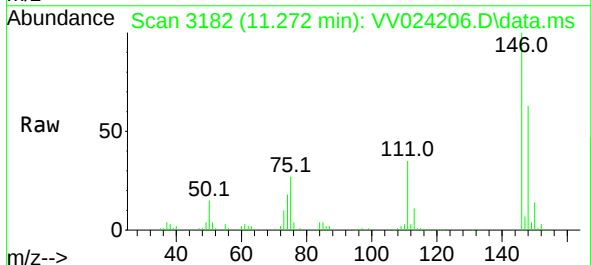
Instrument :
MSVOA_V
ClientSampleId :

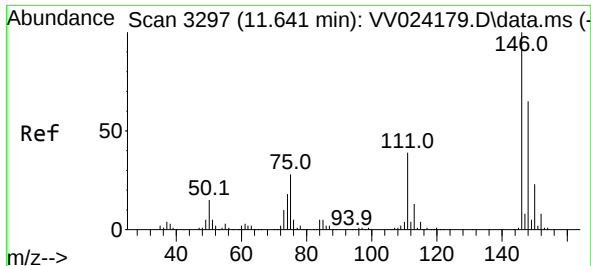
Tgt Ion:146 Resp: 175190
Ion Ratio Lower Upper
146 100
111 38.0 26.3 48.9
148 63.3 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 4.624 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV024206.D
Acq: 28 Dec 2021 09:40

Tgt Ion:146 Resp: 174209
Ion Ratio Lower Upper
146 100
111 35.4 25.6 47.6
148 63.4 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 4.567 ug/L

RT: 11.641 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV024206.D

Acq: 28 Dec 2021 09:40

Instrument :

MSVOA_V

ClientSampleId :

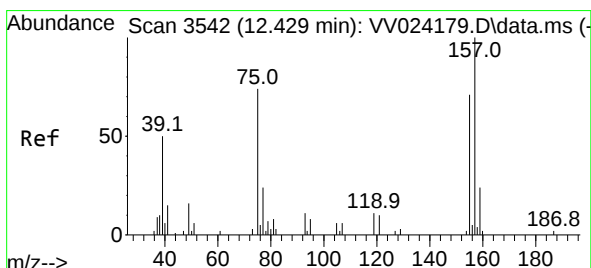
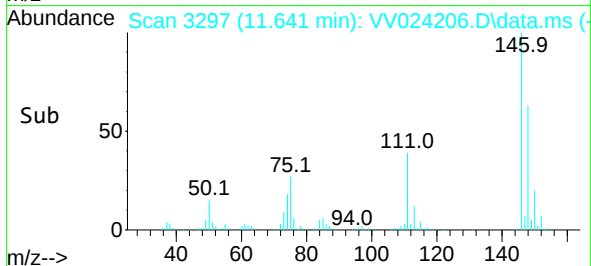
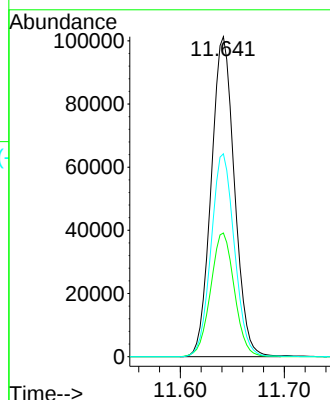
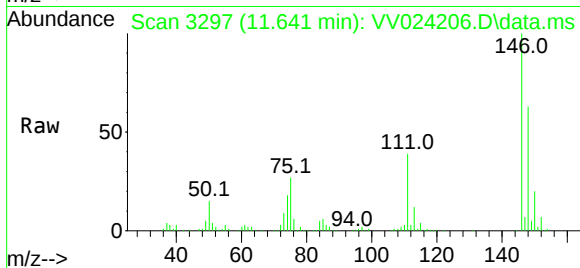
Tgt Ion:146 Resp: 157129

Ion Ratio Lower Upper

146 100

111 38.6 31.9 47.9

148 63.4 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 4.682 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV024206.D

Acq: 28 Dec 2021 09:40

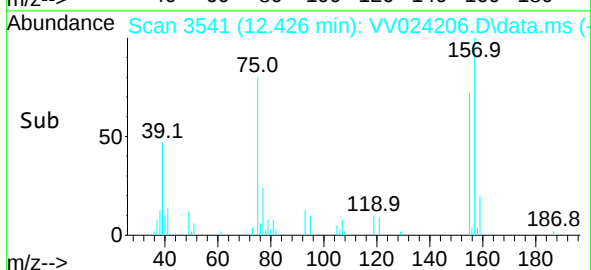
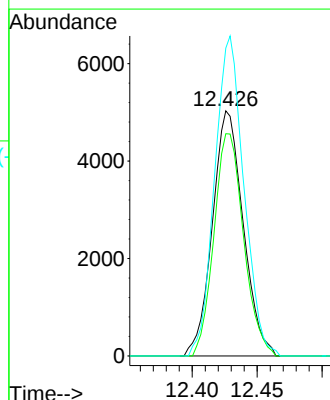
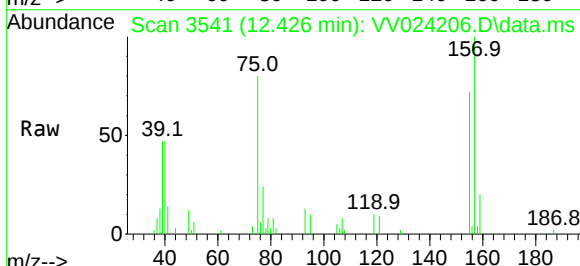
Tgt Ion: 75 Resp: 8292

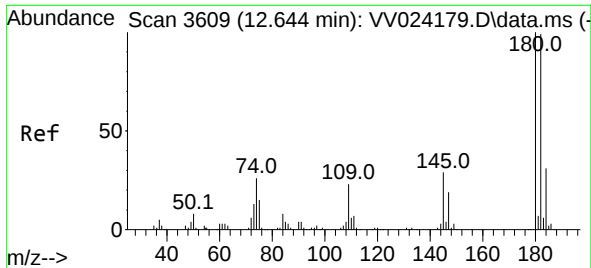
Ion Ratio Lower Upper

75 100

155 90.6 71.7 107.5

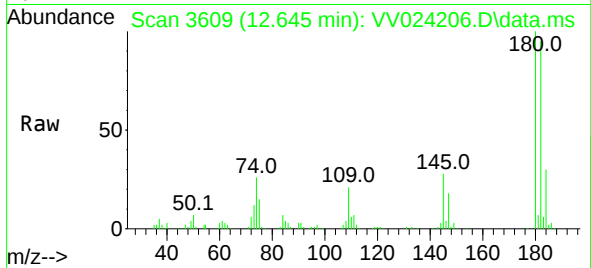
157 125.6 103.3 154.9



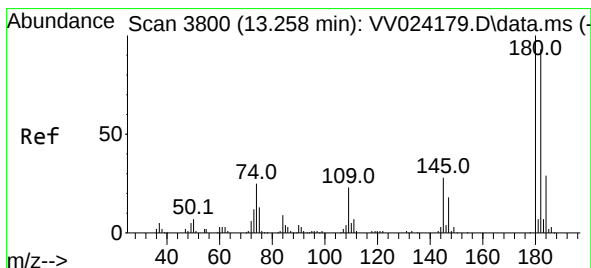
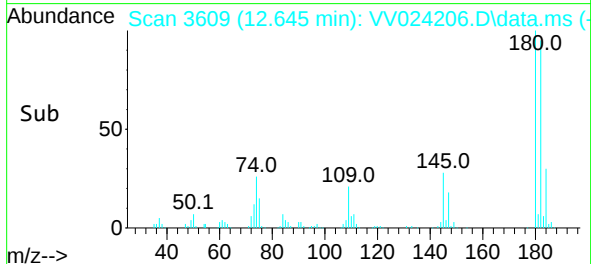
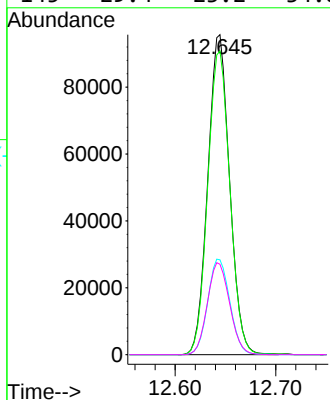


#69
 1,3,5-Trichlorobenzene
 Concen: 4.765 ug/L
 RT: 12.645 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV024206.D
 Acq: 28 Dec 2021 09:40

Instrument :
 MSVOA_V
 ClientSampleId :

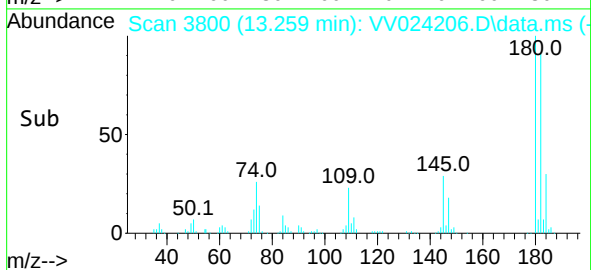
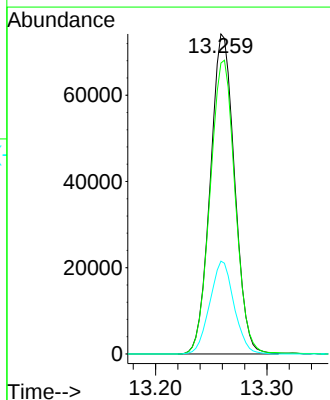
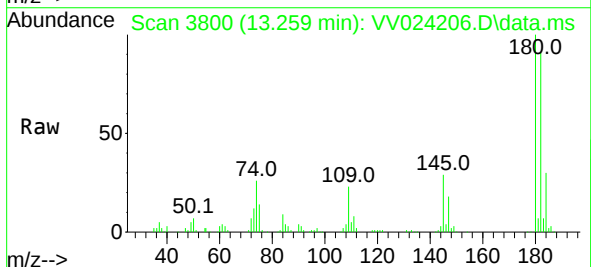


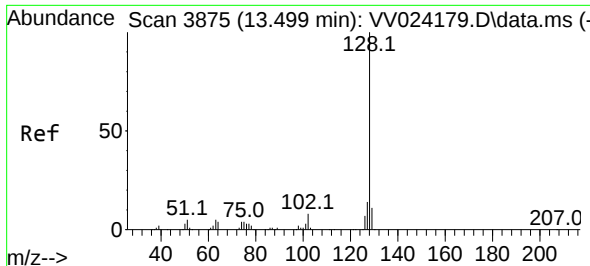
Tgt Ion:180 Resp: 144262
 Ion Ratio Lower Upper
 180 100
 182 96.4 76.4 114.6
 184 30.3 24.2 36.4
 145 29.4 23.2 34.8



#70
 1,2,4-trichlorobenzene
 Concen: 4.815 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV024206.D
 Acq: 28 Dec 2021 09:40

Tgt Ion:180 Resp: 112240
 Ion Ratio Lower Upper
 180 100
 182 94.6 74.4 111.6
 145 29.0 23.3 34.9

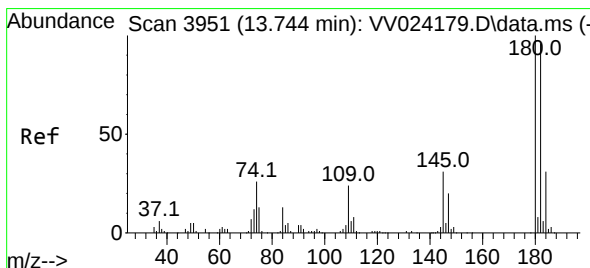
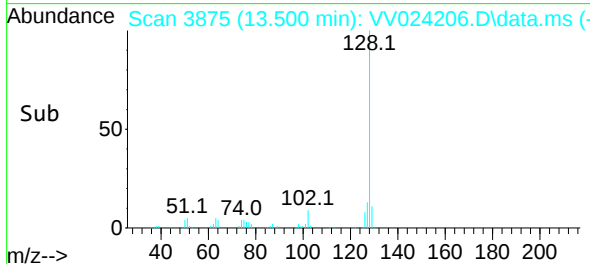
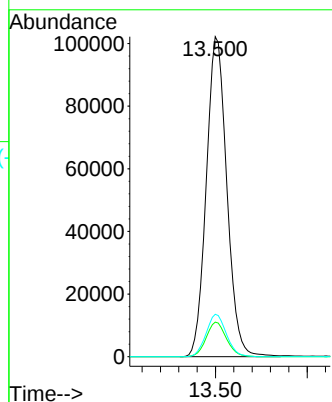
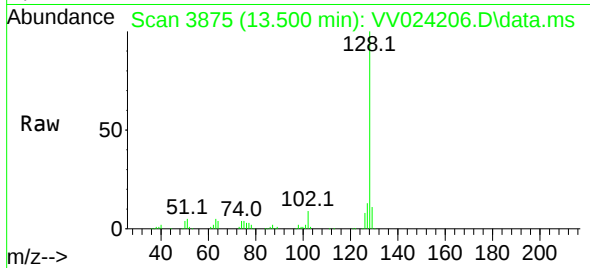




#71
Naphthalene
Concen: 4.596 ug/L
RT: 13.500 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV024206.D
Acq: 28 Dec 2021 09:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 159079
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.4
127 13.1 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.707 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.003 min
Lab File: VV024206.D
Acq: 28 Dec 2021 09:40

Tgt Ion:180 Resp: 96497
Ion Ratio Lower Upper
180 100
182 97.3 76.8 115.2
145 31.9 25.8 38.6

