

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040122\
 Data File : VX027876.D
 Acq On : 01 Apr 2022 12:14
 Operator : JC/MD
 Sample : VX0401WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401WBL01

Quant Time: Apr 02 05:05:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

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

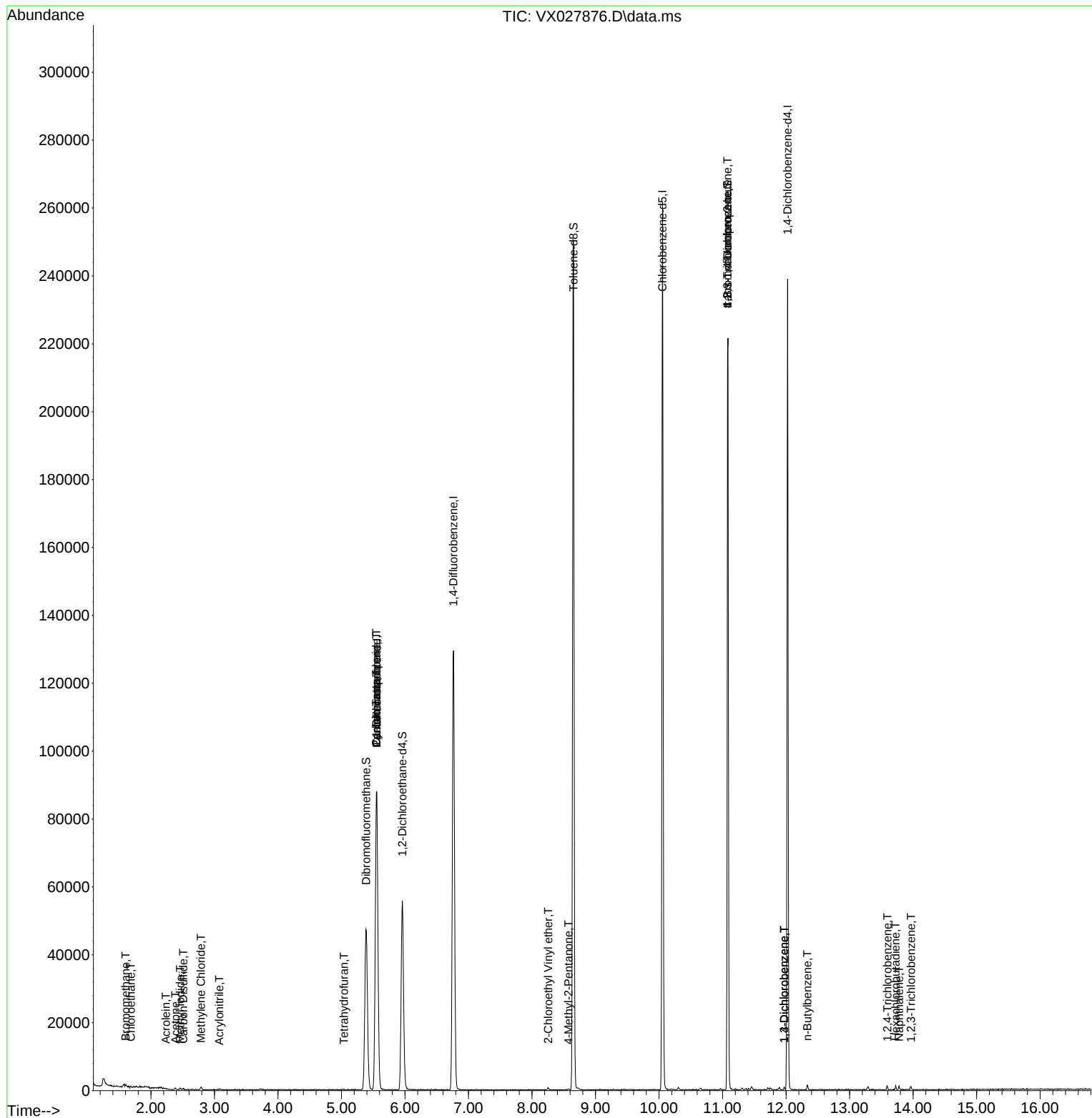
Internal Standards						
1) Pentafluorobenzene	5.556	168	77446	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	131380	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	107983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57315	57.357	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 114.720%	
35) Dibromofluoromethane	5.385	113	40555	47.823	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 95.640%	
50) Toluene-d8	8.653	98	153462	51.433	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.860%	
62) 4-Bromofluorobenzene	11.079	95	61083	48.174	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 96.340%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	193	0.673	ug/l	# 54
6) Chloroethane	1.685	64	188	0.439	ug/l	# 43
10) Methyl Iodide	2.459	142	294	0.349	ug/l	# 79
13) Acrolein	2.233	56	30	0.209	ug/l	# 15
15) Acrylonitrile	3.075	53	196	0.435	ug/l	# 48
16) Acetone	2.386	43	480	1.085	ug/l	99
17) Carbon Disulfide	2.508	76	351	0.258	ug/l	# 75
20) Methylene Chloride	2.788	84	380	0.478	ug/l	# 79
29) Tetrahydrofuran	5.038	42	108	0.261	ug/l	# 25
31) Cyclohexane	5.550	56	2157	1.953	ug/l	# 51
36) 1,1-Dichloropropene	5.550	75	7142	6.687	ug/l	# 49
38) Carbon Tetrachloride	5.550	117	8866	7.513	ug/l	# 14
51) 4-Methyl-2-Pentanone	8.574	43	307	0.209	ug/l	# 31
58) 2-Chloroethyl Vinyl ether	8.257	63	356	0.498	ug/l	# 68
76) 1,2,3-Trichloropropane	11.079	75	34026	33.478	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	34026	97.110	ug/l	# 15
87) 1,3-Dichlorobenzene	11.969	146	313	0.216	ug/l	92
88) 1,4-Dichlorobenzene	11.969	146	313	0.210	ug/l	90
89) n-Butylbenzene	12.335	91	543	0.217	ug/l	94
93) 1,2,4-Trichlorobenzene	13.597	180	347	0.397	ug/l	89
94) Hexachlorobutadiene	13.725	225	247	1.442	ug/l	82
95) Naphthalene	13.780	128	863	0.283	ug/l	# 93
96) 1,2,3-Trichlorobenzene	13.969	180	371	0.433	ug/l	97

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0401WBL01

Quant Time: Apr 02 05:05:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 04:39:27 2022
Response via : Initial Calibration

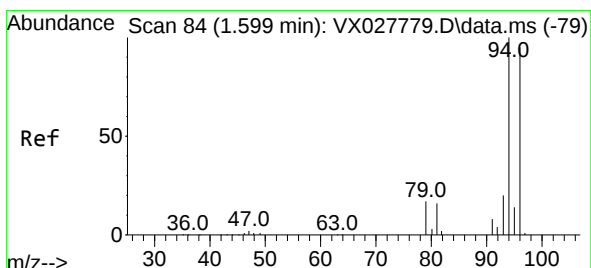
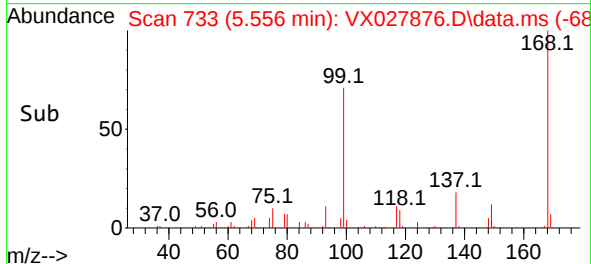
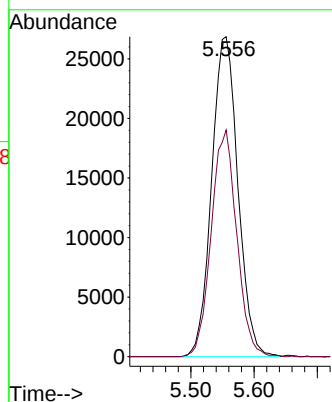
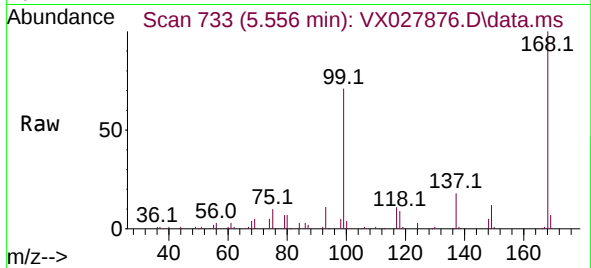




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027876.D
Acq: 01 Apr 2022 12:14

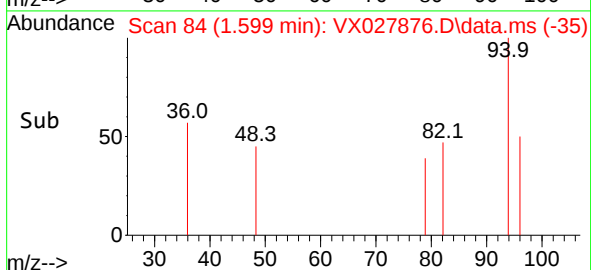
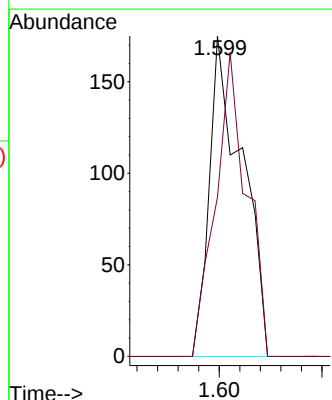
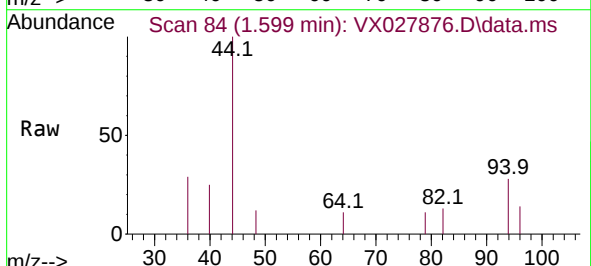
Instrument :
MSVOA_X
ClientSampleId :
VX0401WBL01

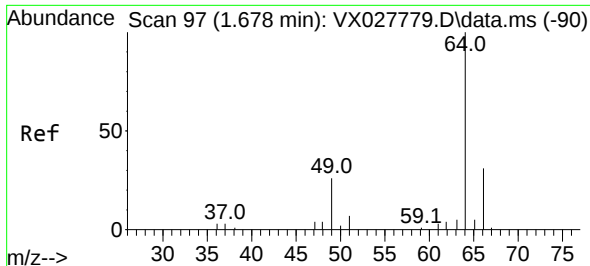
Tgt Ion:168 Resp: 77446
Ion Ratio Lower Upper
168 100
99 70.9 41.7 62.5#



#5
Bromomethane
Concen: 0.673 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX027876.D
Acq: 01 Apr 2022 12:14

Tgt Ion: 94 Resp: 193
Ion Ratio Lower Upper
94 100
96 49.7 75.3 112.9#

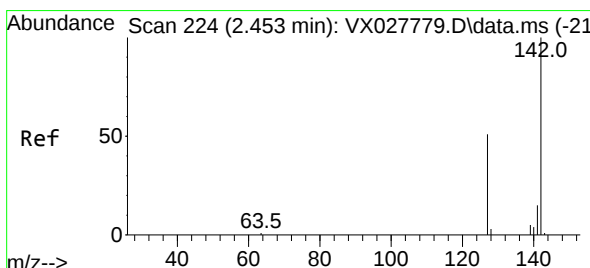
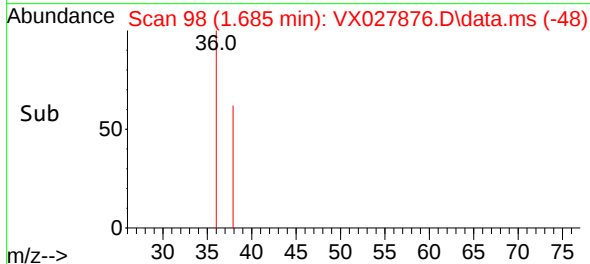
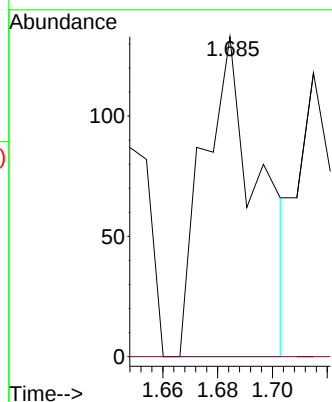
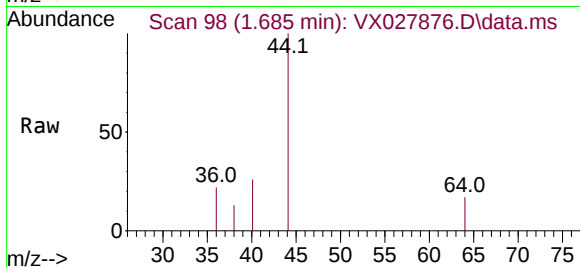




#6
Chloroethane
Concen: 0.439 ug/l
RT: 1.685 min Scan# 91
Delta R.T. 0.007 min
Lab File: VX027876.D
Acq: 01 Apr 2022 12:14

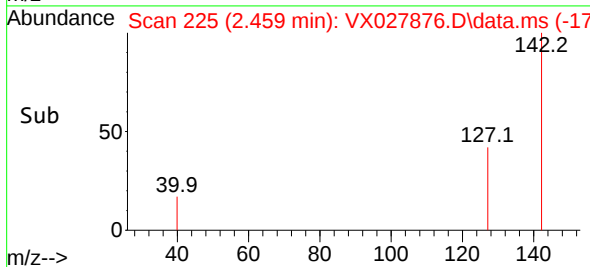
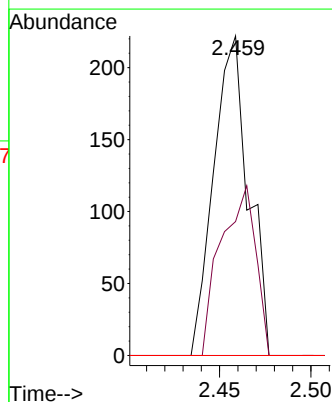
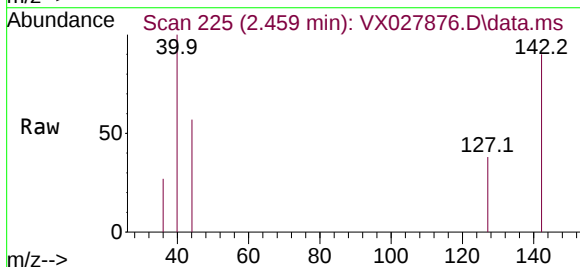
Instrument :
MSVOA_X
ClientSampleId :
VX0401WBL01

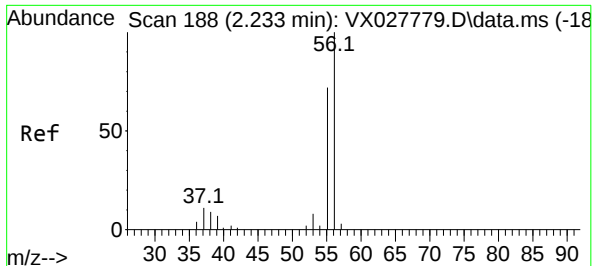
Tgt Ion: 64 Resp: 188
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 0.349 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX027876.D
Acq: 01 Apr 2022 12:14

Tgt Ion: 142 Resp: 294
Ion Ratio Lower Upper
142 100
127 53.1 33.9 50.9#
141 0.0 11.4 17.2#

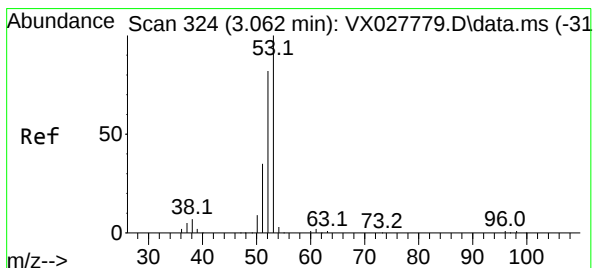
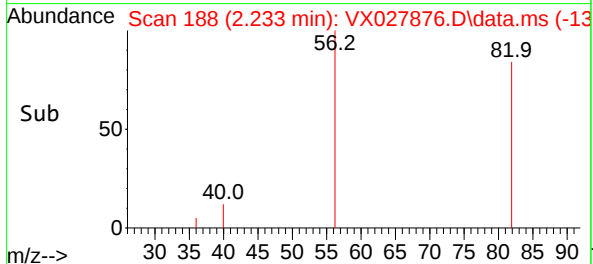
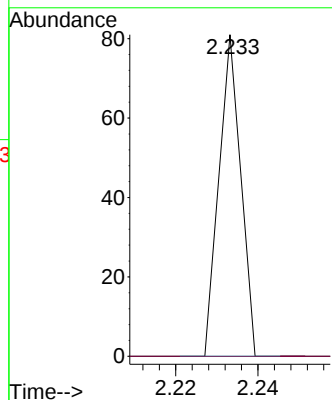
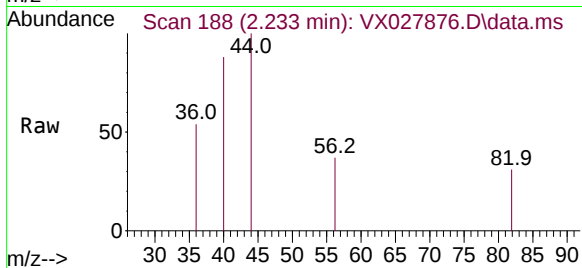




#13
Acrolein
Concen: 0.209 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027876.D
Acq: 01 Apr 2022 12:14

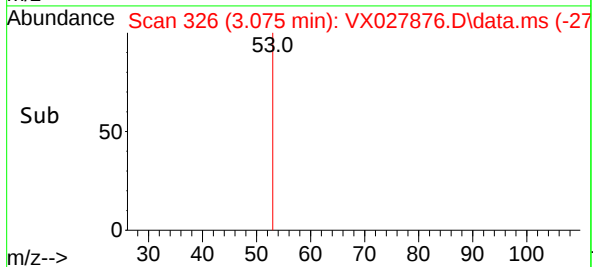
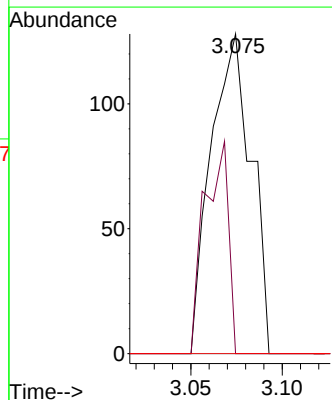
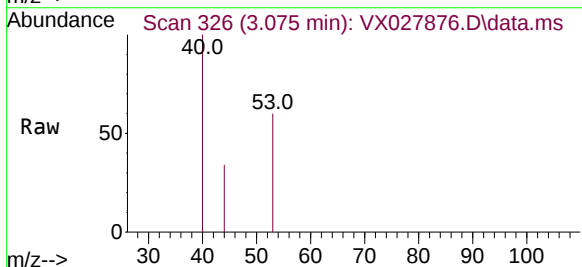
Instrument :
MSVOA_X
ClientSampleId :
VX0401WBL01

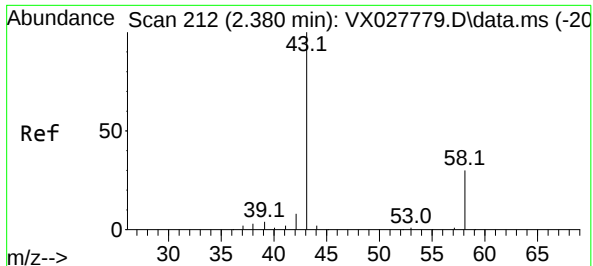
Tgt Ion: 56 Resp: 30
Ion Ratio Lower Upper
56 100
55 0.0 55.0 82.6#



#15
Acrylonitrile
Concen: 0.435 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.013 min
Lab File: VX027876.D
Acq: 01 Apr 2022 12:14

Tgt Ion: 53 Resp: 196
Ion Ratio Lower Upper
53 100
52 39.3 65.7 98.5#
51 0.0 28.4 42.6#

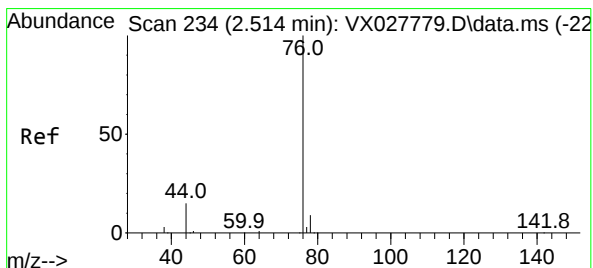
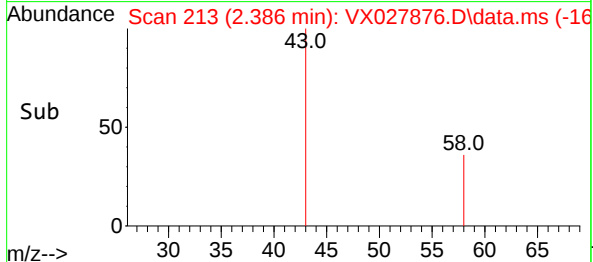
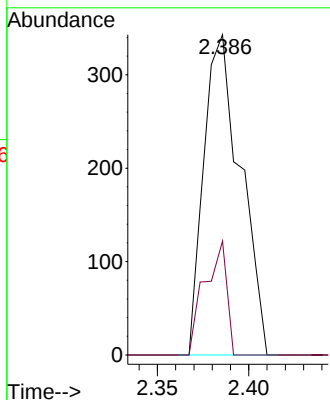
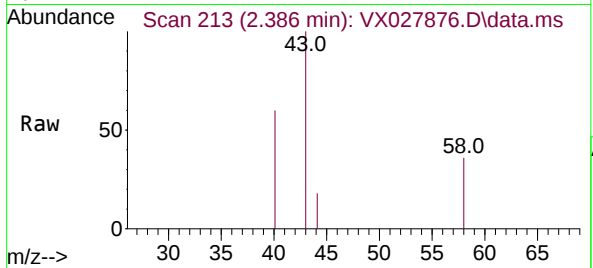




#16
Acetone
Concen: 1.085 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX027876.D
Acq: 01 Apr 2022 12:14

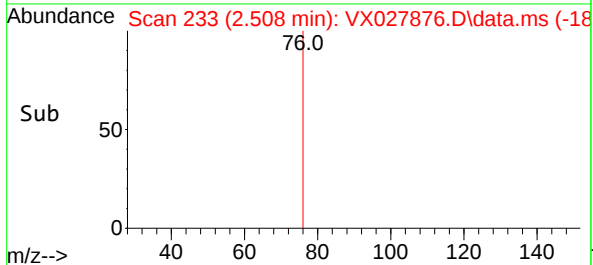
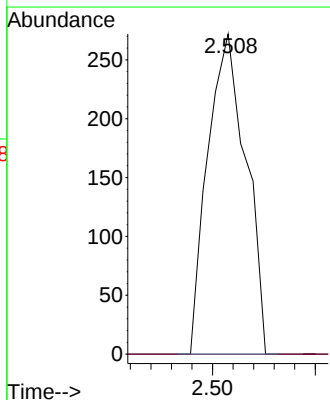
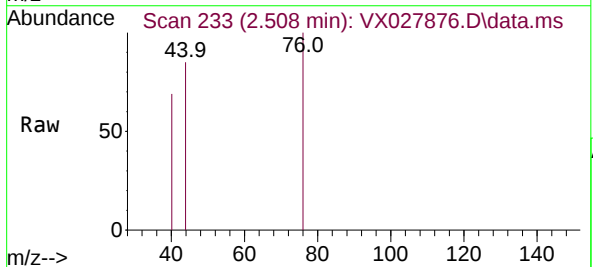
Instrument :
MSVOA_X
ClientSampleId :
VX0401WBL01

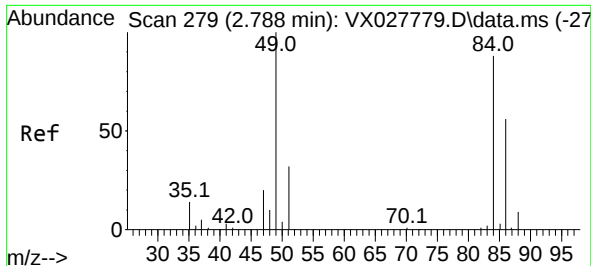
Tgt Ion: 43 Resp: 480
Ion Ratio Lower Upper
43 100
58 35.6 28.8 43.2



#17
Carbon Disulfide
Concen: 0.258 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX027876.D
Acq: 01 Apr 2022 12:14

Tgt Ion: 76 Resp: 351
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 0.478 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX027876.D

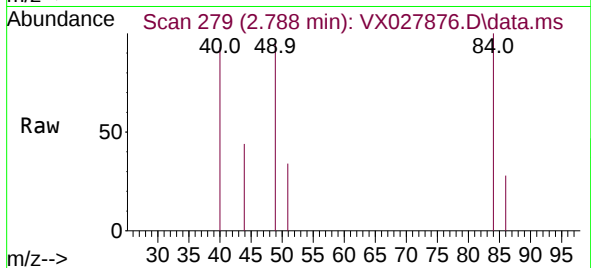
Acq: 01 Apr 2022 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0401WBL01



Tgt Ion: 84 Resp: 380

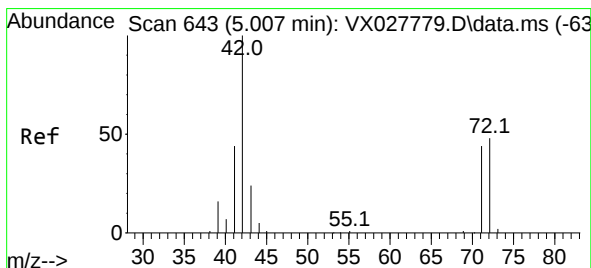
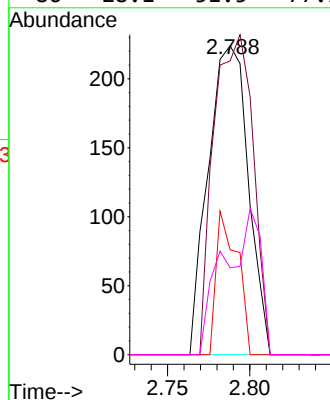
Ion Ratio Lower Upper

84 100

49 95.1 85.5 128.3

51 33.9 26.6 39.8

86 28.1 51.5 77.3#



#29

Tetrahydrofuran

Concen: 0.261 ug/l

RT: 5.038 min Scan# 648

Delta R.T. 0.031 min

Lab File: VX027876.D

Acq: 01 Apr 2022 12:14

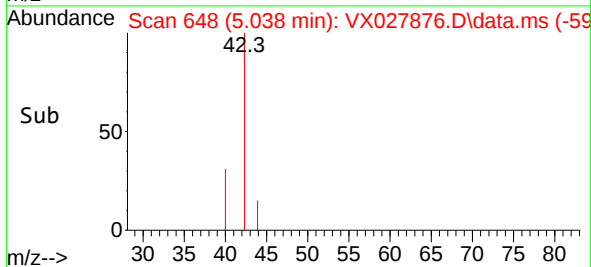
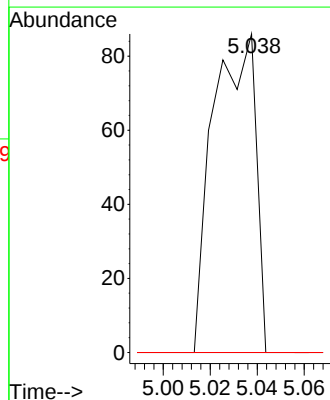
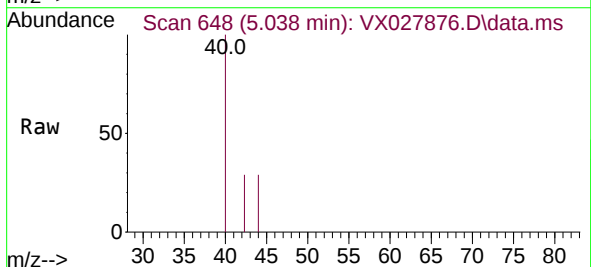
Tgt Ion: 42 Resp: 108

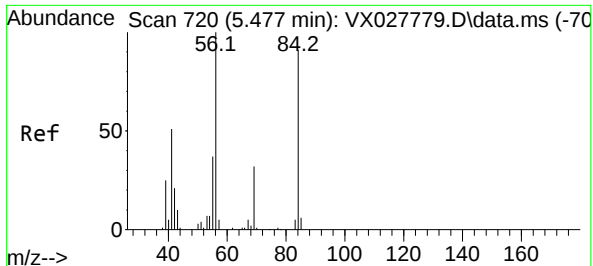
Ion Ratio Lower Upper

42 100

72 0.0 44.1 66.1#

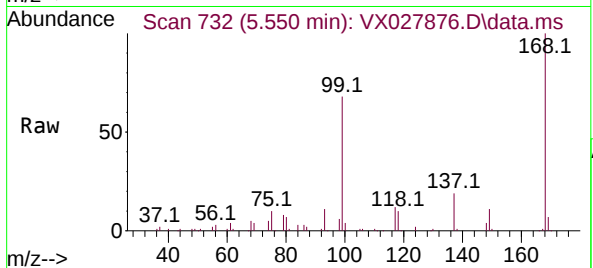
71 0.0 40.5 60.7#



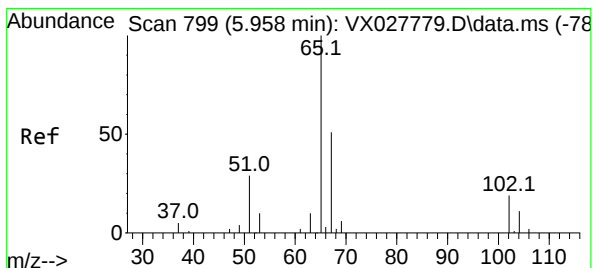
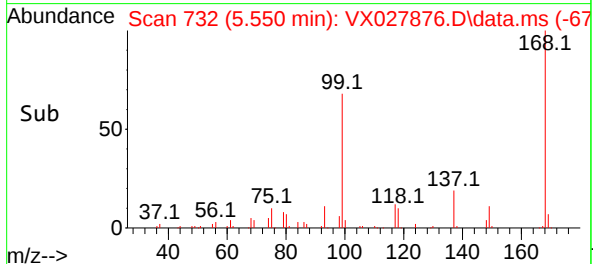
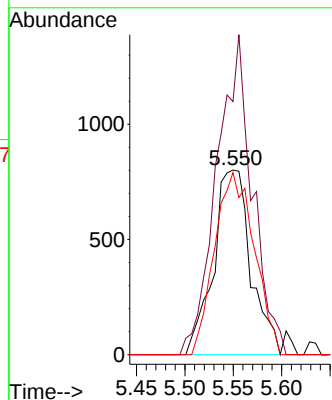


#31
Cyclohexane
Concen: 1.953 ug/l
RT: 5.550 min Scan# 712
Delta R.T. 0.073 min
Lab File: VX027876.D
Acq: 01 Apr 2022 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0401WBL01

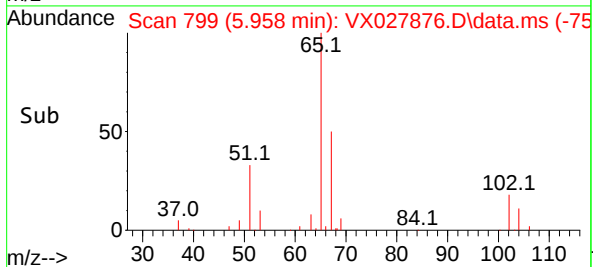
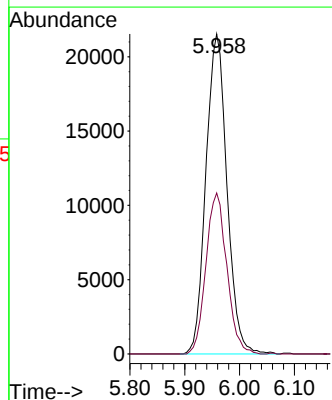
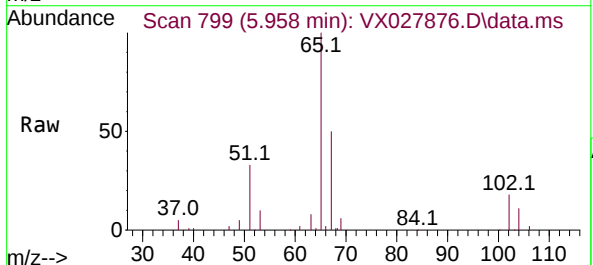


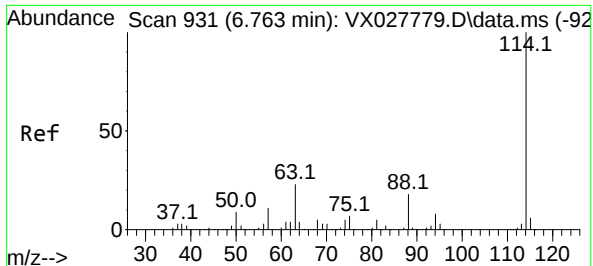
Tgt Ion: 56 Resp: 2157
Ion Ratio Lower Upper
56 100
69 137.2 26.7 40.1#
84 98.6 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 57.357 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027876.D
Acq: 01 Apr 2022 12:14

Tgt Ion: 65 Resp: 57315
Ion Ratio Lower Upper
65 100
67 49.9 0.0 107.4

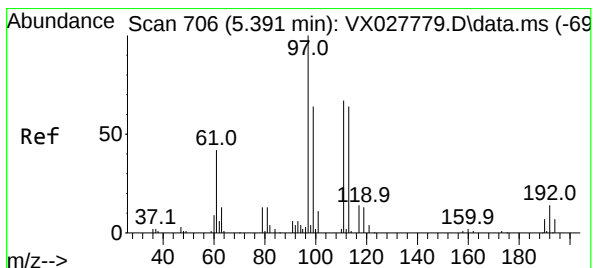
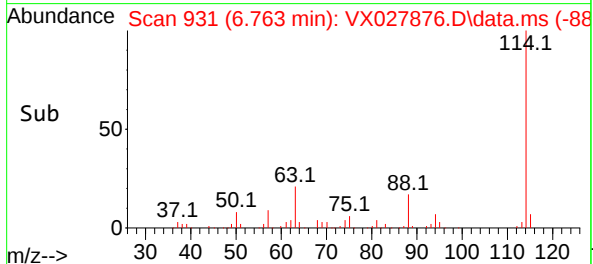
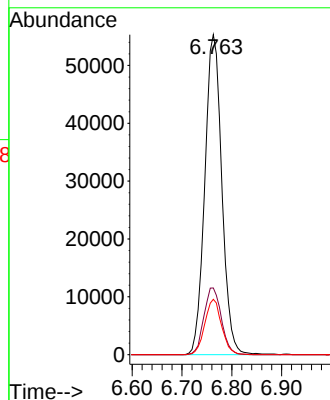
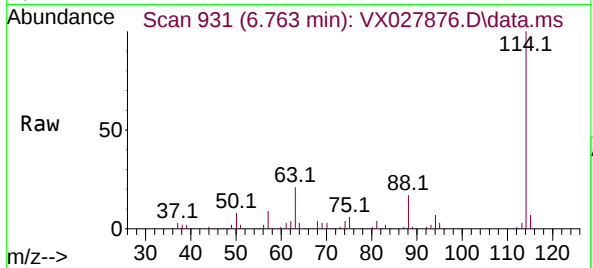




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX027876.D
Acq: 01 Apr 2022 12:14

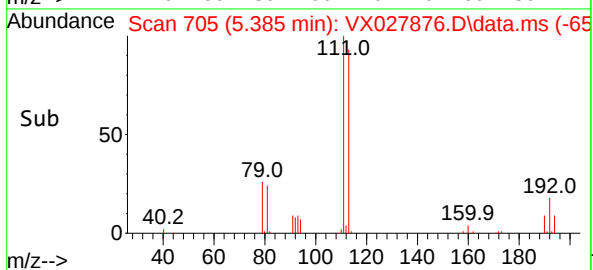
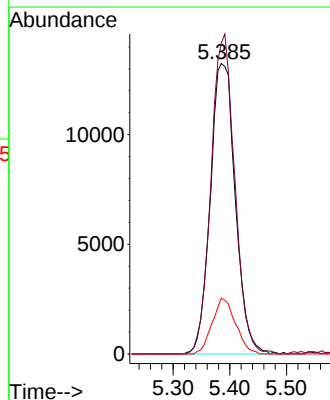
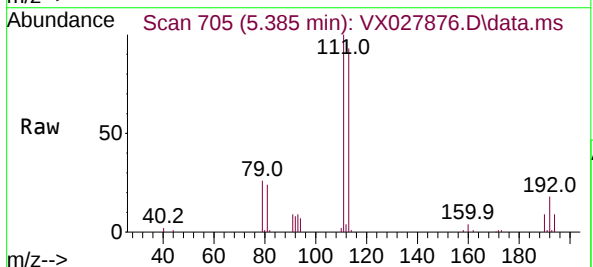
Instrument :
MSVOA_X
ClientSampleId :
VX0401WBL01

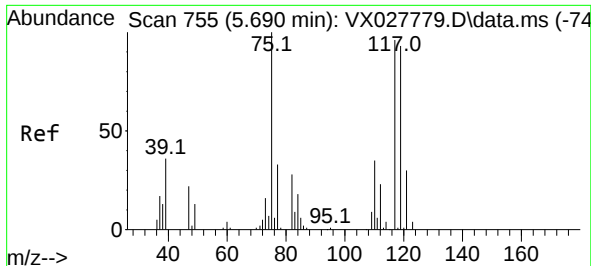
Tgt Ion:114 Resp: 131380
Ion Ratio Lower Upper
114 100
63 20.8 0.0 36.8
88 17.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 47.823 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX027876.D
Acq: 01 Apr 2022 12:14

Tgt Ion:113 Resp: 40555
Ion Ratio Lower Upper
113 100
111 104.4 82.8 124.2
192 17.9 16.9 25.3

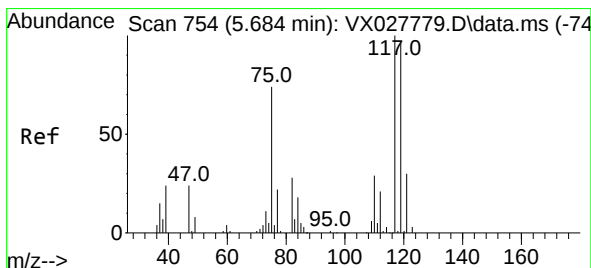
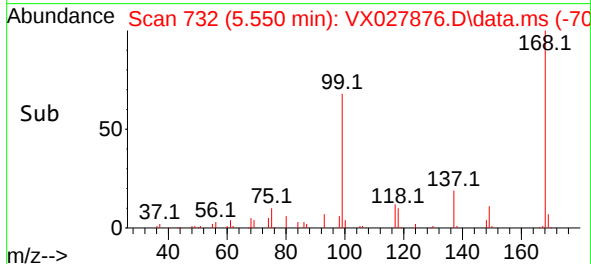
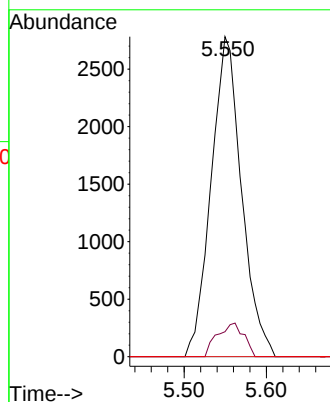
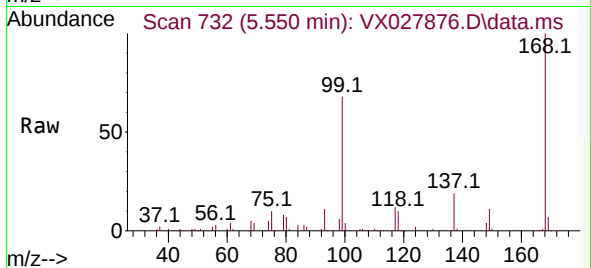




#36
1,1-Dichloropropene
Concen: 6.687 ug/l
RT: 5.550 min Scan# 7142
Delta R.T. -0.140 min
Lab File: VX027876.D
Acq: 01 Apr 2022 12:14

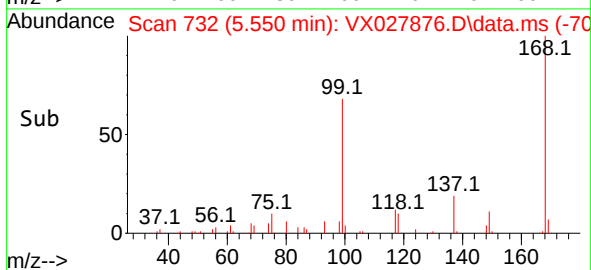
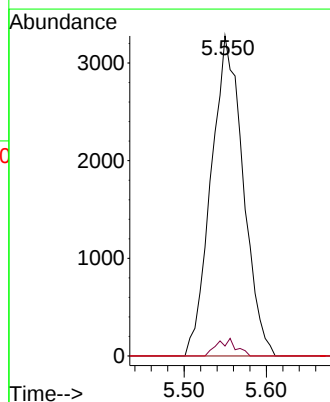
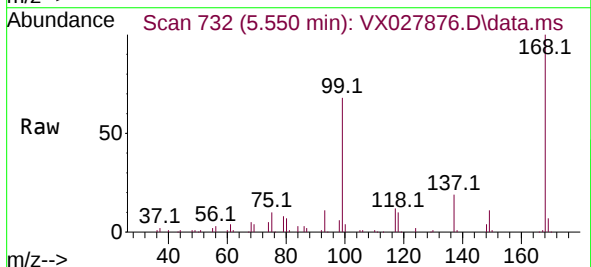
Instrument :
MSVOA_X
ClientSampleId :
VX0401WBL01

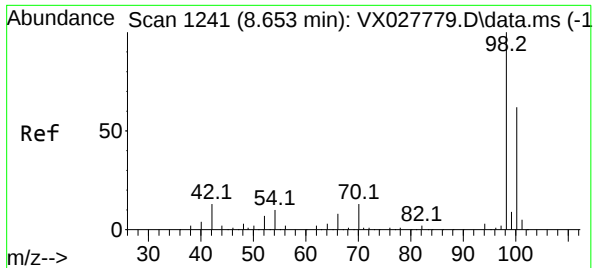
Tgt Ion: 75 Resp: 7142
Ion Ratio Lower Upper
75 100
110 9.1 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 7.513 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX027876.D
Acq: 01 Apr 2022 12:14

Tgt Ion: 117 Resp: 8866
Ion Ratio Lower Upper
117 100
119 3.1 77.3 115.9#
121 0.0 24.2 36.2#

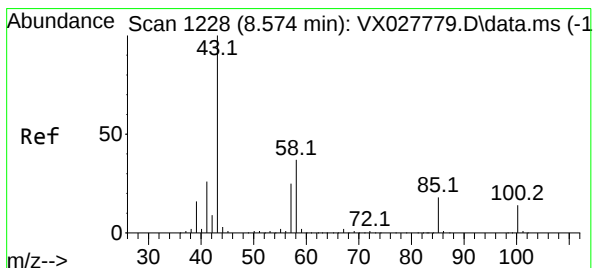
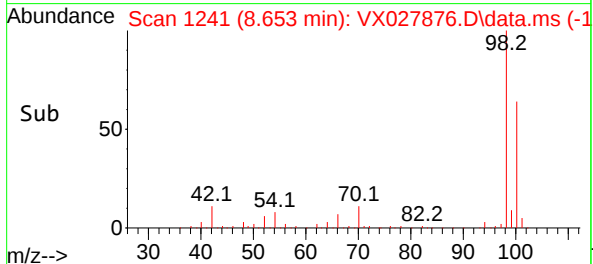
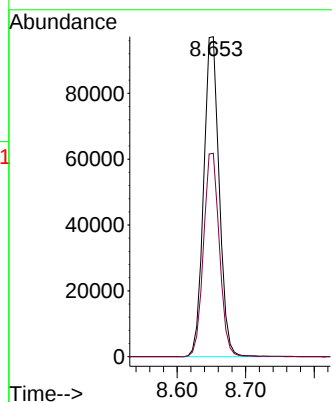
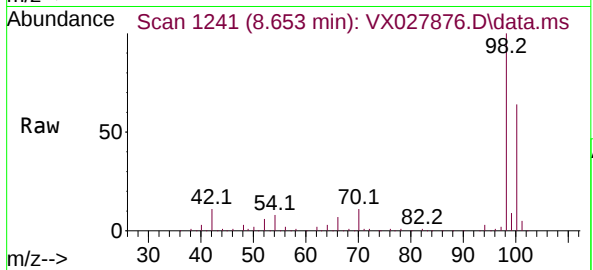




#50
Toluene-d8
Concen: 51.433 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027876.D
Acq: 01 Apr 2022 12:14

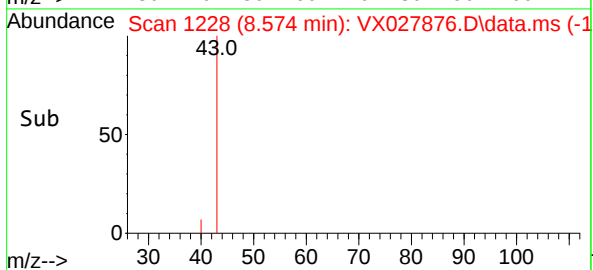
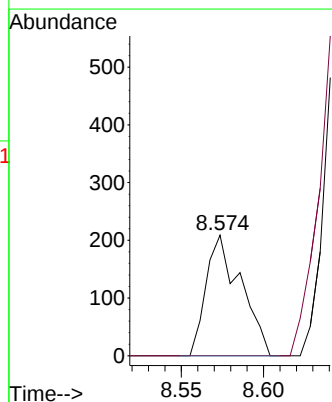
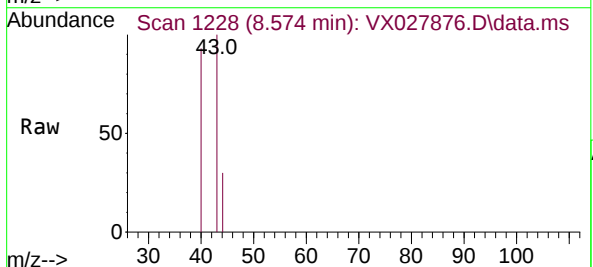
Instrument :
MSVOA_X
ClientSampleId :
VX0401WBL01

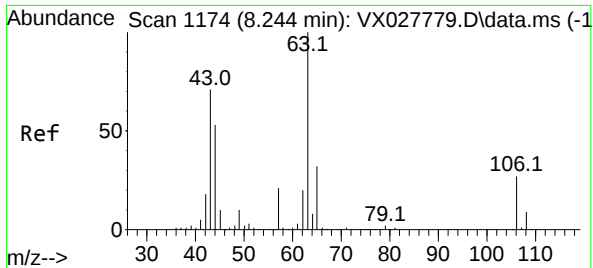
Tgt Ion: 98 Resp: 153462
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.209 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX027876.D
Acq: 01 Apr 2022 12:14

Tgt Ion: 43 Resp: 307
Ion Ratio Lower Upper
43 100
58 0.0 36.1 54.1#

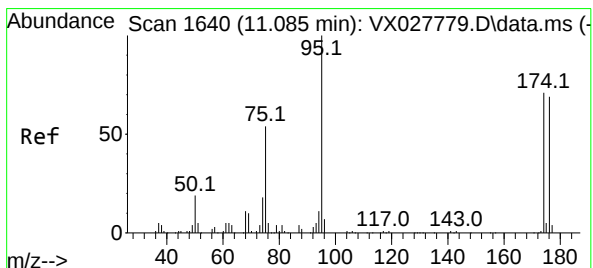
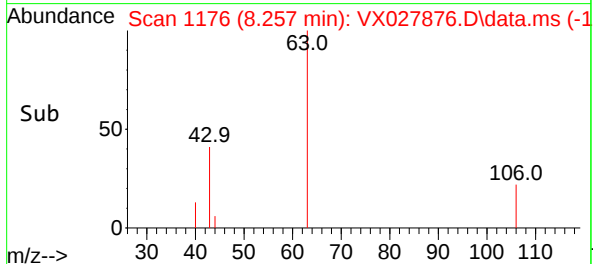
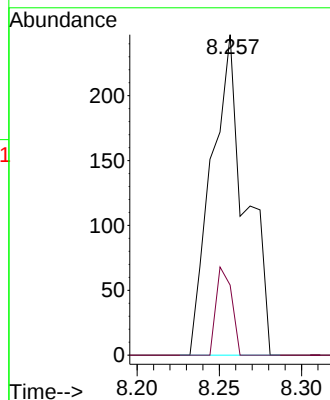
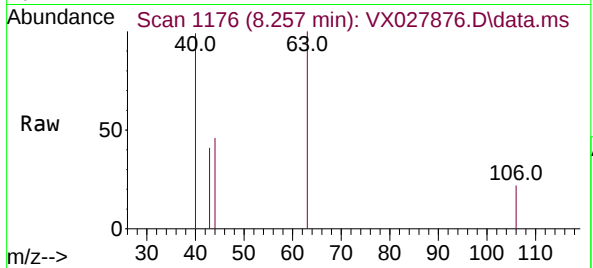




#58
2-Chloroethyl Vinyl ether
Concen: 0.498 ug/l
RT: 8.257 min Scan# 1176
Delta R.T. 0.013 min
Lab File: VX027876.D
Acq: 01 Apr 2022 12:14

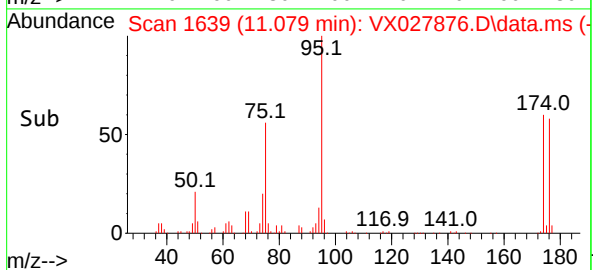
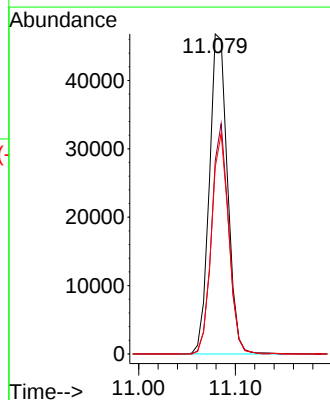
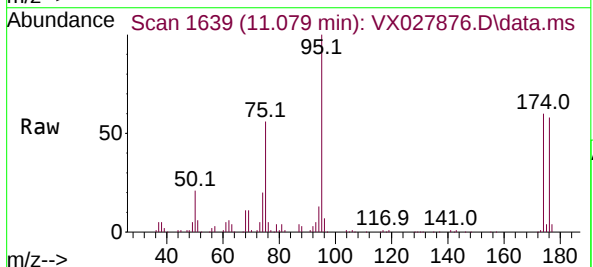
Instrument :
MSVOA_X
ClientSampleId :
VX0401WBL01

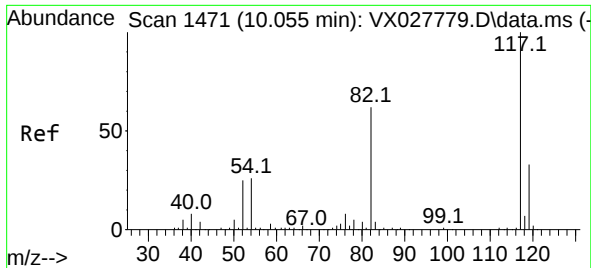
Tgt Ion: 63 Resp: 356
Ion Ratio Lower Upper
63 100
106 12.6 23.9 35.9#



#62
4-Bromofluorobenzene
Concen: 48.174 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027876.D
Acq: 01 Apr 2022 12:14

Tgt Ion: 95 Resp: 61083
Ion Ratio Lower Upper
95 100
174 67.3 0.0 163.0
176 65.6 0.0 155.0

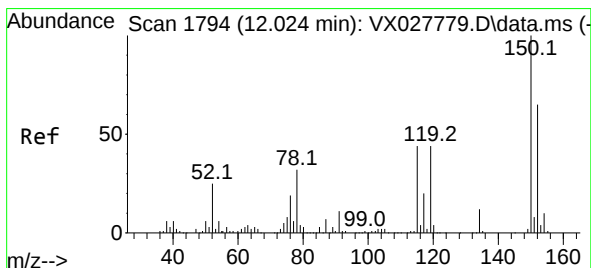
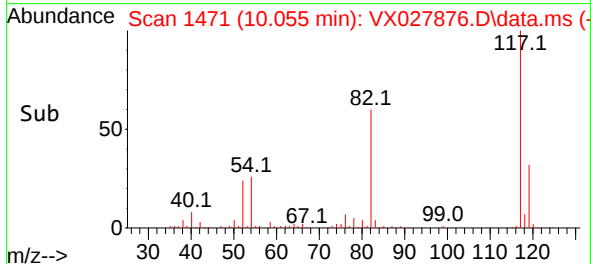
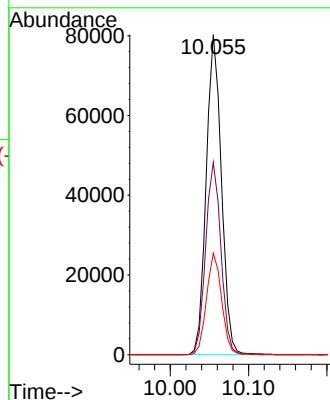
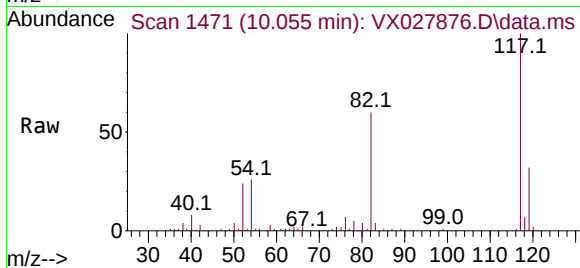




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027876.D
Acq: 01 Apr 2022 12:14

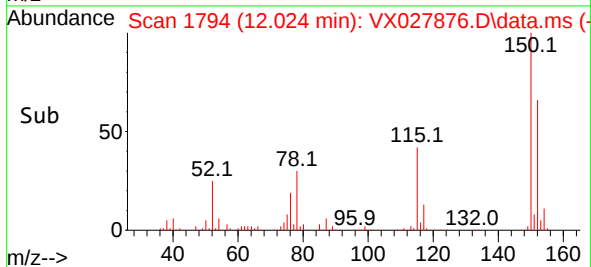
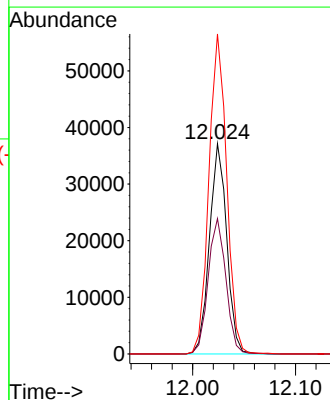
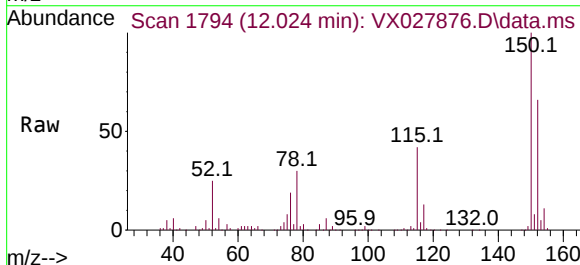
Instrument :
MSVOA_X
ClientSampleId :
VX0401WBL01

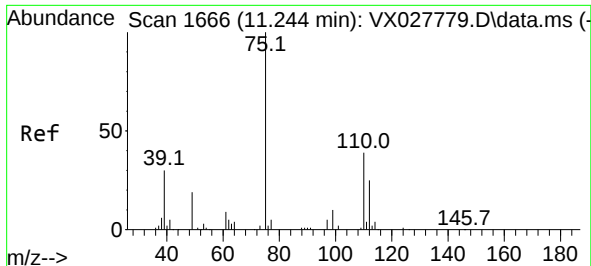
Tgt Ion:117 Resp: 107983
Ion Ratio Lower Upper
117 100
82 60.1 41.8 62.8
119 31.7 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027876.D
Acq: 01 Apr 2022 12:14

Tgt Ion:152 Resp: 43326
Ion Ratio Lower Upper
152 100
115 66.3 37.5 112.7
150 156.4 0.0 338.2

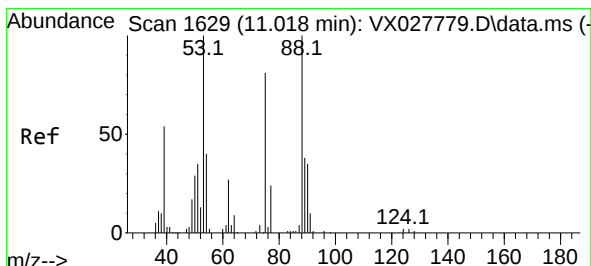
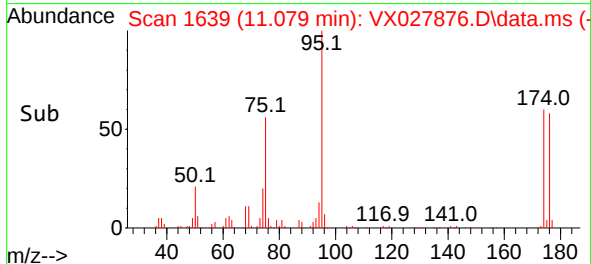
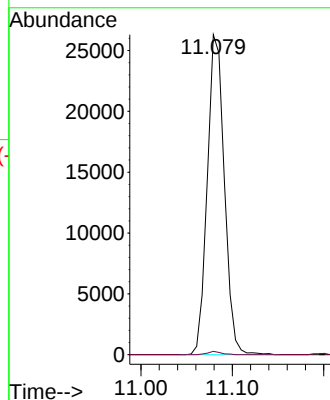
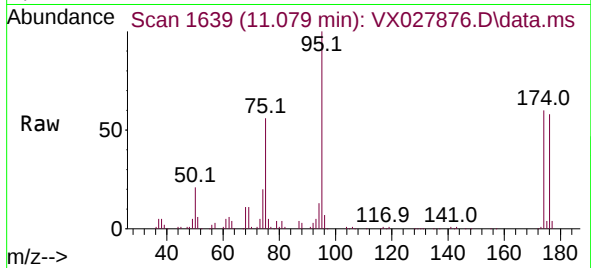




#76
1,2,3-Trichloropropane
Concen: 33.478 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027876.D
Acq: 01 Apr 2022 12:14

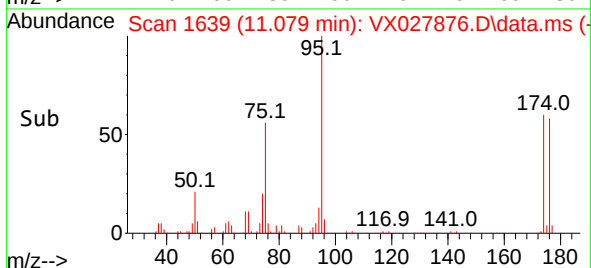
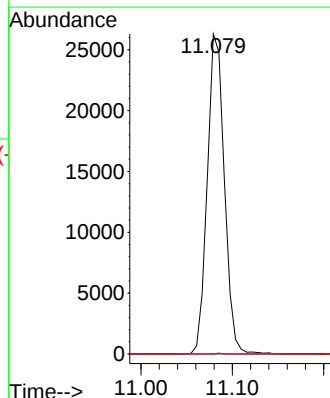
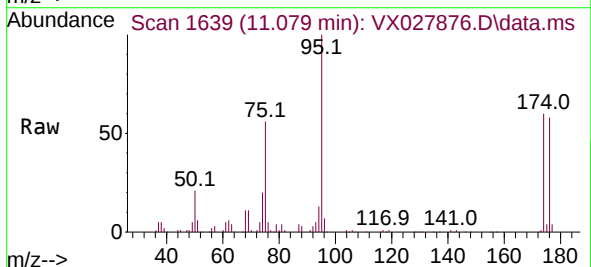
Instrument :
MSVOA_X
ClientSampleId :
VX0401WBL01

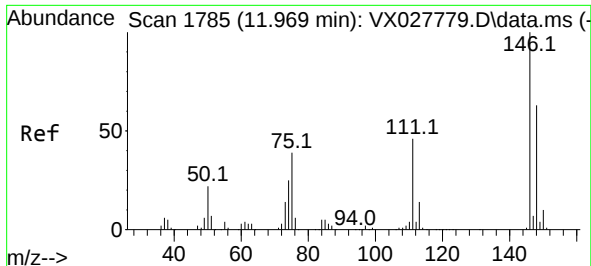
Tgt Ion: 75 Resp: 34026
Ion Ratio Lower Upper
75 100
77 0.8 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.110 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027876.D
Acq: 01 Apr 2022 12:14

Tgt Ion: 75 Resp: 34026
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.1 37.0 55.6#





#87

1,3-Dichlorobenzene

Concen: 0.216 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX027876.D

Acq: 01 Apr 2022 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0401WBL01

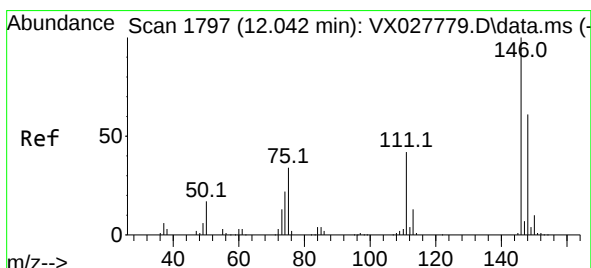
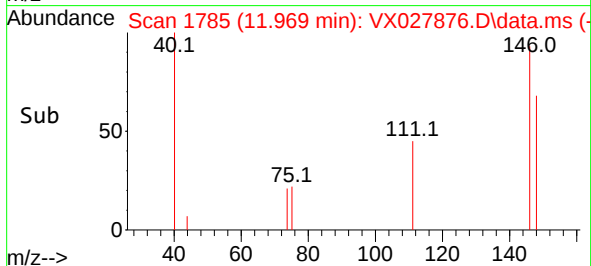
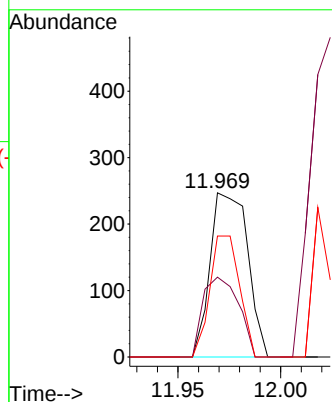
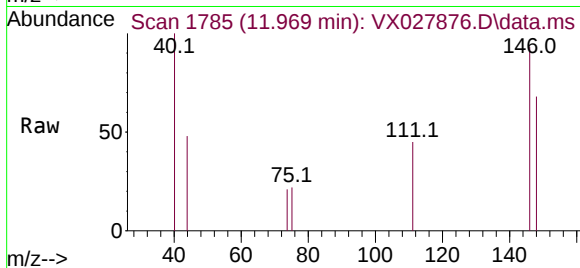
Tgt Ion:146 Resp: 313

Ion Ratio Lower Upper

146 100

111 46.3 19.7 59.1

148 58.5 31.6 94.7



#88

1,4-Dichlorobenzene

Concen: 0.210 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.073 min

Lab File: VX027876.D

Acq: 01 Apr 2022 12:14

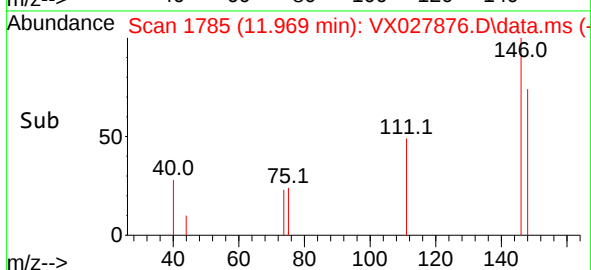
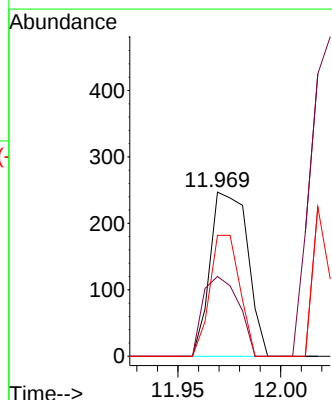
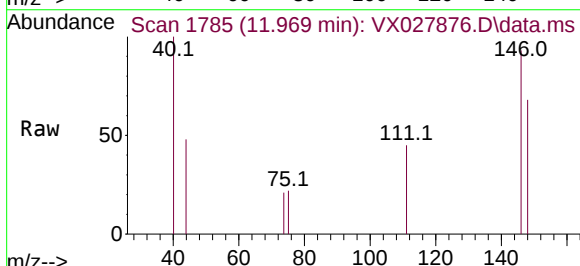
Tgt Ion:146 Resp: 313

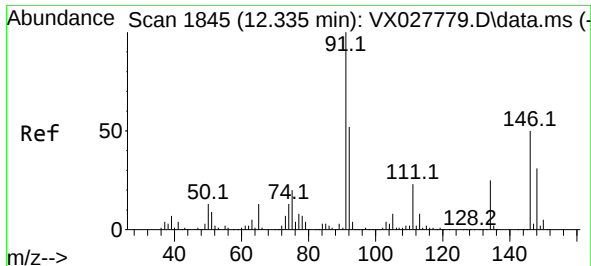
Ion Ratio Lower Upper

146 100

111 46.3 19.2 57.6

148 58.5 32.3 96.9





#89

n-Butylbenzene

Concen: 0.217 ug/l

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX027876.D

Acq: 01 Apr 2022 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0401WBL01

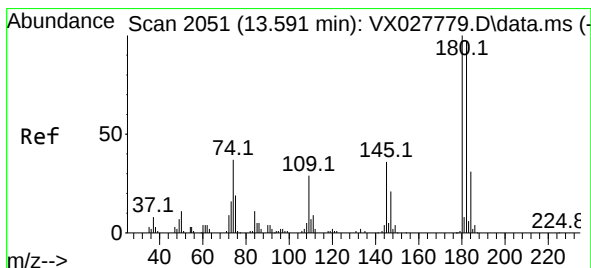
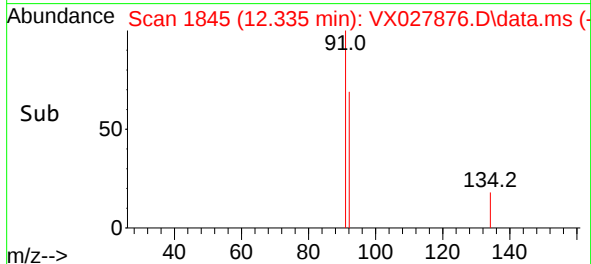
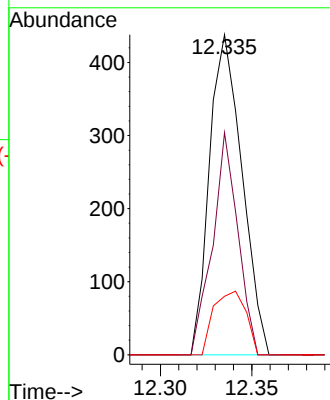
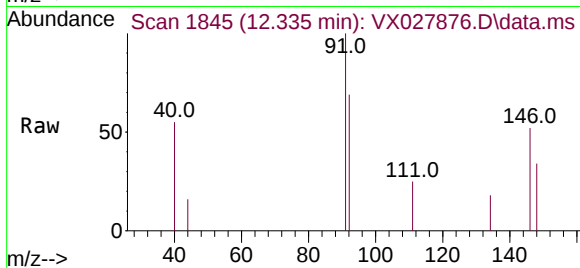
Tgt Ion: 91 Resp: 543

Ion Ratio Lower Upper

91 100

92 54.1 27.8 83.3

134 19.7 13.3 39.8



#93

1,2,4-Trichlorobenzene

Concen: 0.397 ug/l

RT: 13.597 min Scan# 2052

Delta R.T. 0.006 min

Lab File: VX027876.D

Acq: 01 Apr 2022 12:14

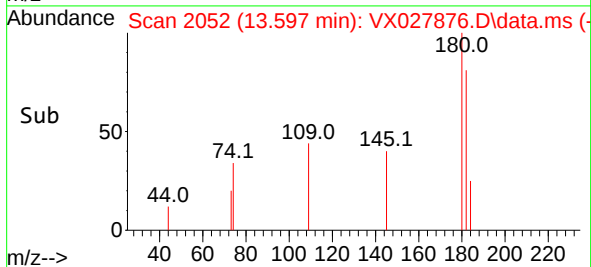
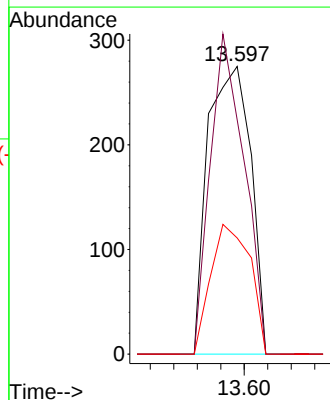
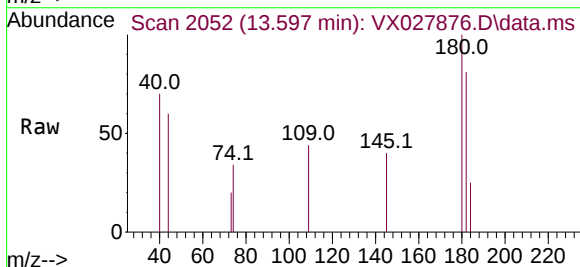
Tgt Ion: 180 Resp: 347

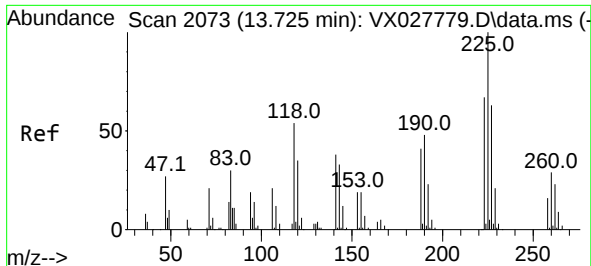
Ion Ratio Lower Upper

180 100

182 88.2 47.7 143.1

145 41.5 15.2 45.5

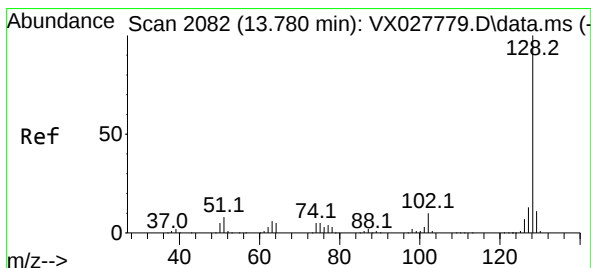
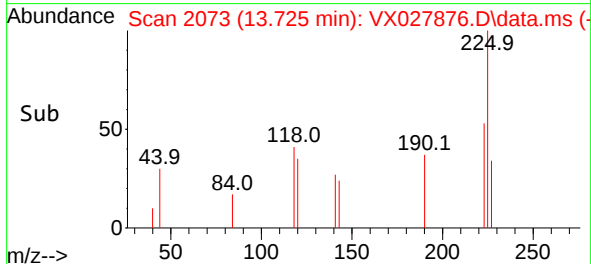
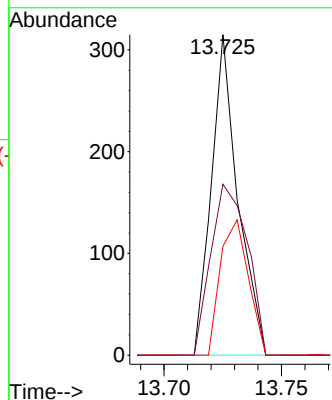
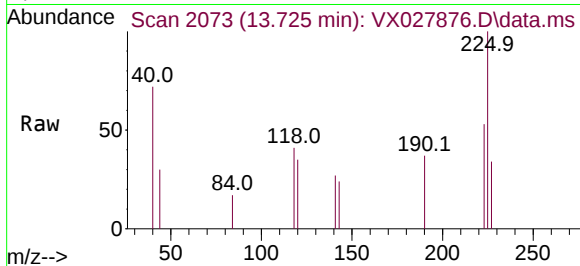




#94
Hexachlorobutadiene
Concen: 1.442 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX027876.D
Acq: 01 Apr 2022 12:14

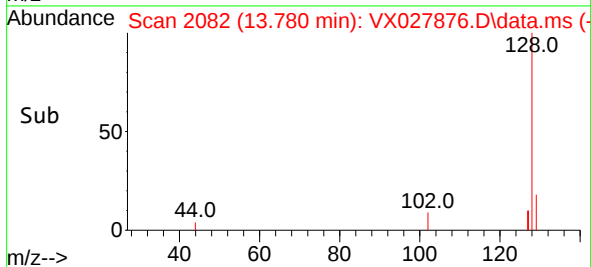
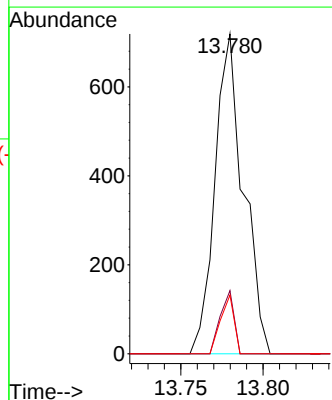
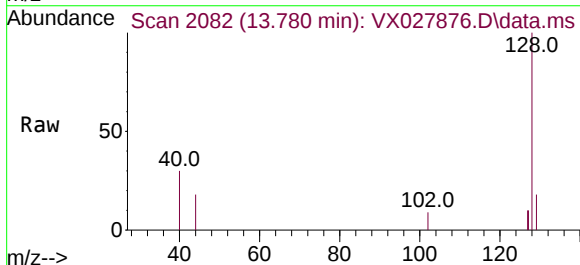
Instrument :
MSVOA_X
ClientSampleId :
VX0401WBL01

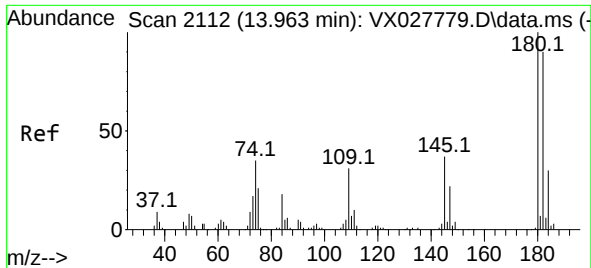
Tgt Ion:225	Resp:	247	
Ion	Ratio	Lower	Upper
225	100		
223	73.7	34.2	102.5
227	44.5	33.9	101.7



#95
Naphthalene
Concen: 0.283 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX027876.D
Acq: 01 Apr 2022 12:14

Tgt Ion:128	Resp:	863	
Ion	Ratio	Lower	Upper
128	100		
127	9.6	10.2	15.4#
129	8.7	8.7	13.1#





#96

1,2,3-Trichlorobenzene

Concen: 0.433 ug/l

RT: 13.969 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX027876.D

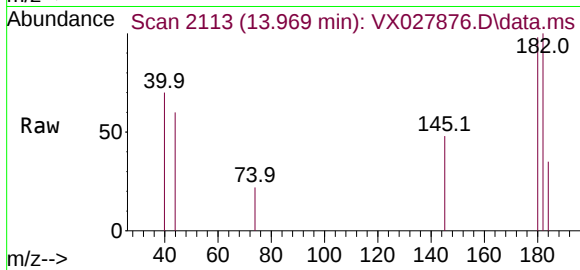
Acq: 01 Apr 2022 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0401WBL01



Tgt Ion:180 Resp: 371

Ion Ratio Lower Upper

180 100

182 98.4 50.0 149.8

145 37.5 16.2 48.5

