

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040822\
 Data File : VX028018.D
 Acq On : 08 Apr 2022 11:34
 Operator : JC/MD
 Sample : VX0408WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBL01

Quant Time: Apr 11 01:14:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 07 18:12:28 2022
 Response via : Initial Calibration

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

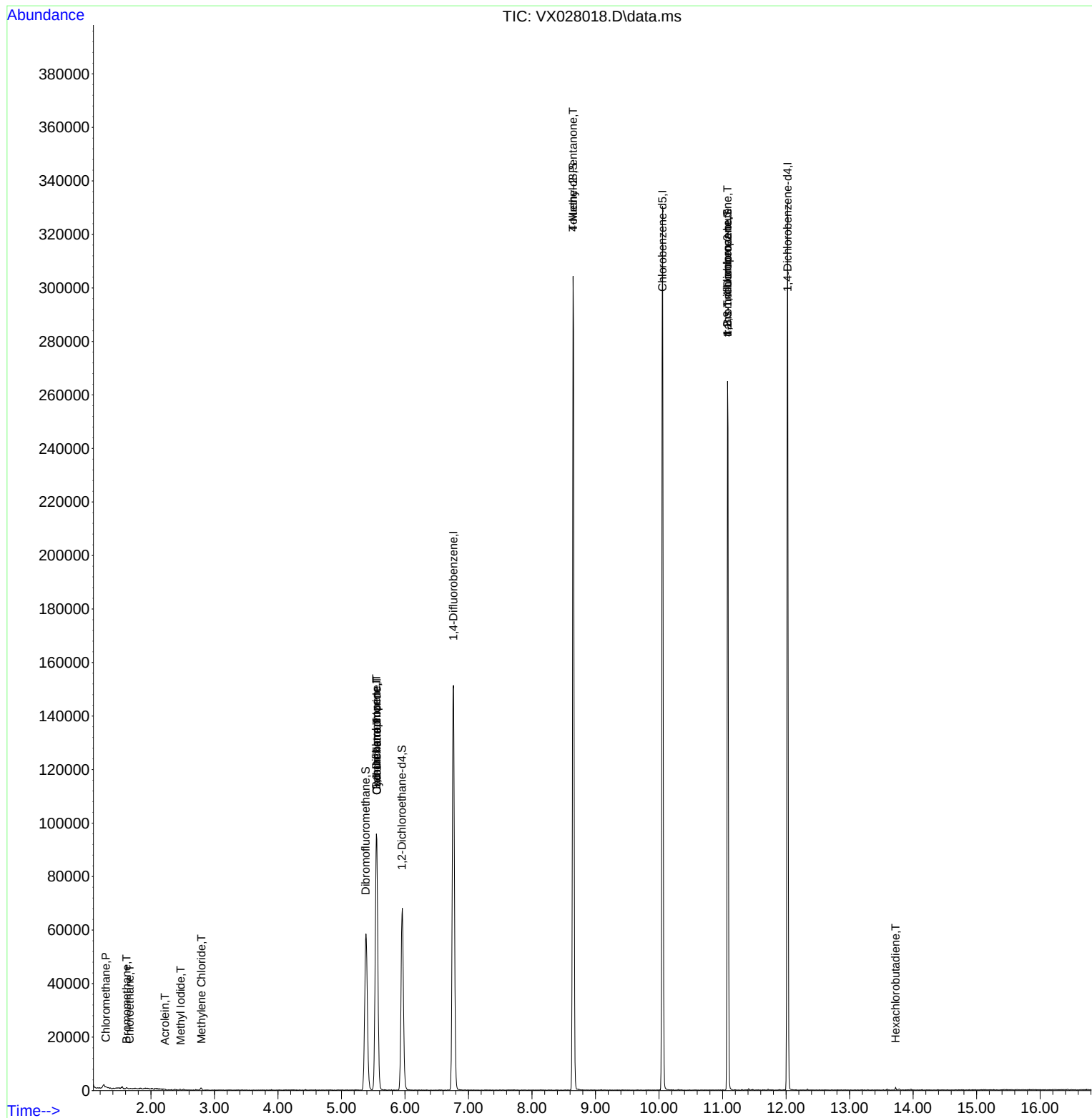
Internal Standards						
1) Pentafluorobenzene	5.550	168	83288	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	145008	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59654	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69166	54.706	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 109.420%	
35) Dibromofluoromethane	5.379	113	50489	51.870	ug/l	-0.01
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.740%	
50) Toluene-d8	8.647	98	172318	49.616	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 99.240%	
62) 4-Bromofluorobenzene	11.079	95	69932	47.367	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 94.740%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	96	1.562	ug/l	# 42
5) Bromomethane	1.617	94	256	1.296	ug/l	98
6) Chloroethane	1.666	64	229	1.941	ug/l	# 43
10) Methyl Iodide	2.465	142	220	6.967	ug/l	# 78
13) Acrolein	2.221	56	43	0.211	ug/l	# 15
16) Acetone	2.380	43	394	Below Cal	#	39
17) Carbon Disulfide	2.514	76	412	Below Cal	#	75
20) Methylene Chloride	2.794	84	345	2.674	ug/l	# 76
31) Cyclohexane	5.556	56	2280	1.488	ug/l	# 24
36) 1,1-Dichloropropene	5.550	75	7835	5.474	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	9619	6.209	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.647	43	901	0.546	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	40554	27.714	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	40554	85.451	ug/l	# 15
94) Hexachlorobutadiene	13.725	225	205	0.362	ug/l	83

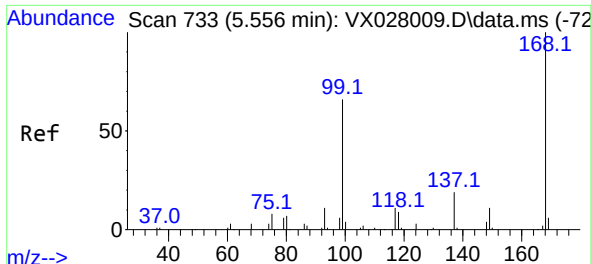
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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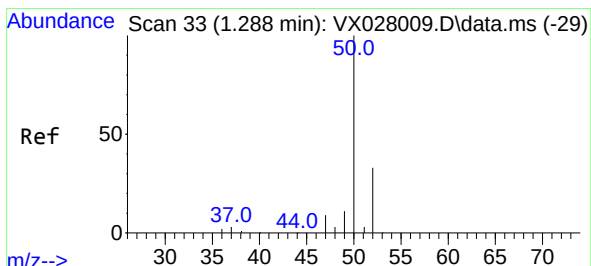
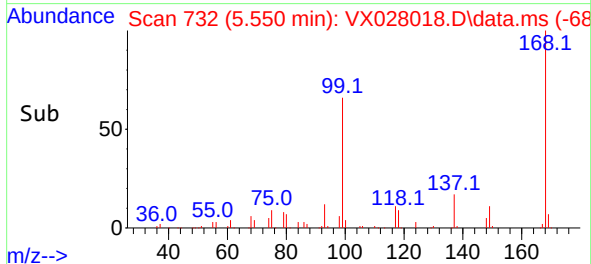
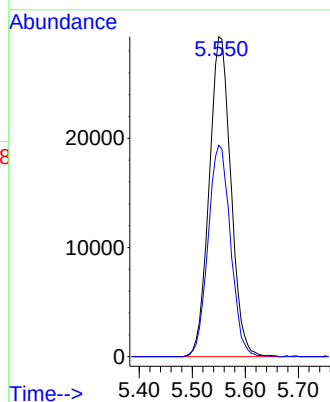
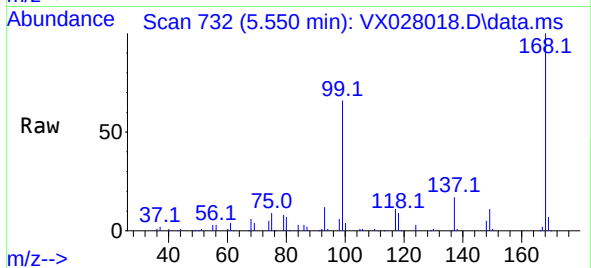




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX028018.D
Acq: 08 Apr 2022 11:34

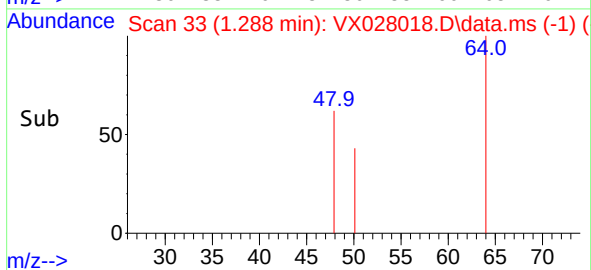
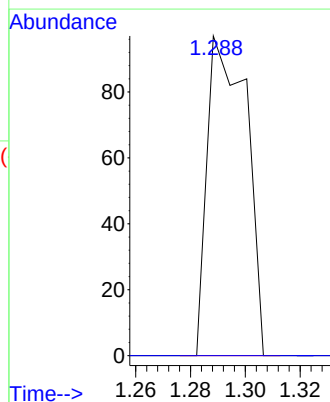
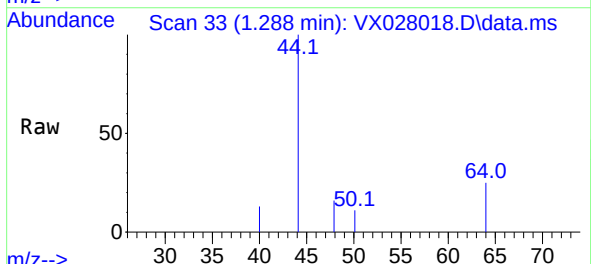
Instrument :
MSVOA_X
ClientSampleId :
VX0408WBL01

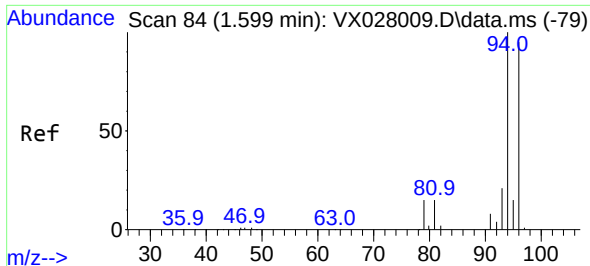
Tgt Ion:168 Resp: 83288
Ion Ratio Lower Upper
168 100
99 66.0 41.7 62.5#



#3
Chloromethane
Concen: 1.562 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX028018.D
Acq: 08 Apr 2022 11:34

Tgt Ion: 50 Resp: 96
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

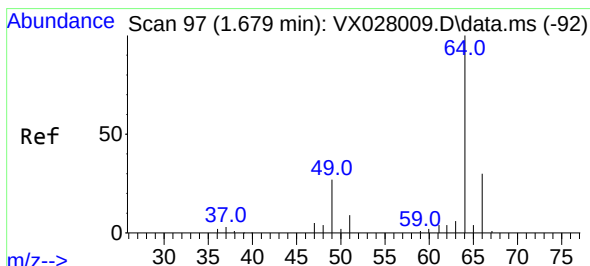
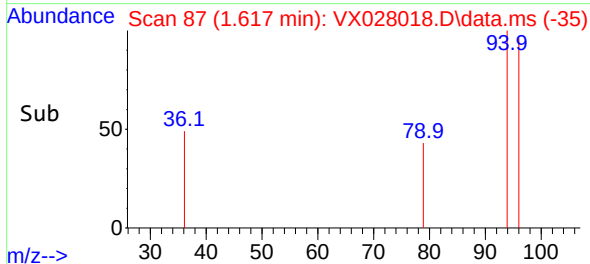
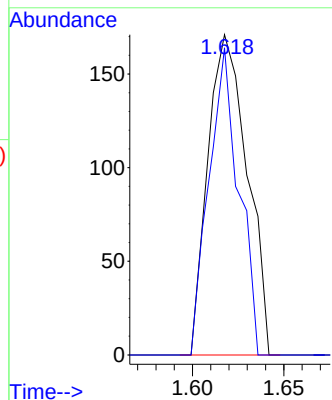
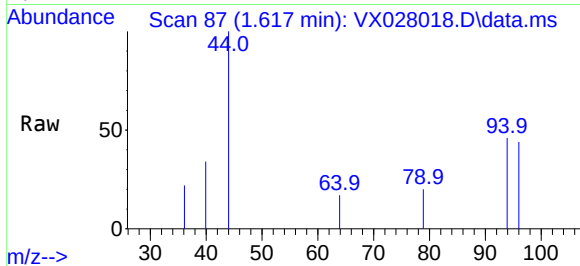




#5
Bromomethane
Concen: 1.296 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX028018.D
Acq: 08 Apr 2022 11:34

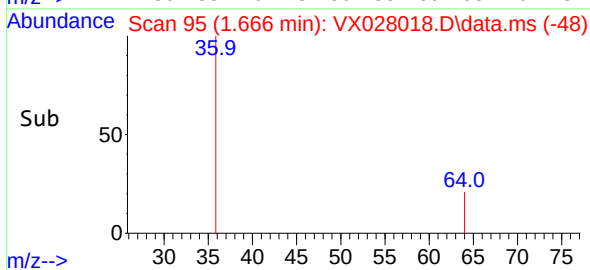
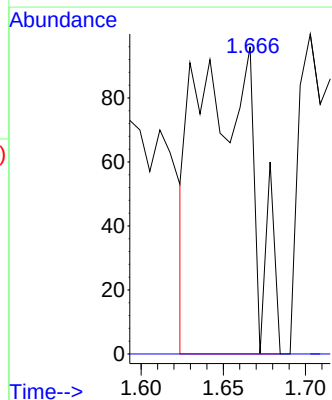
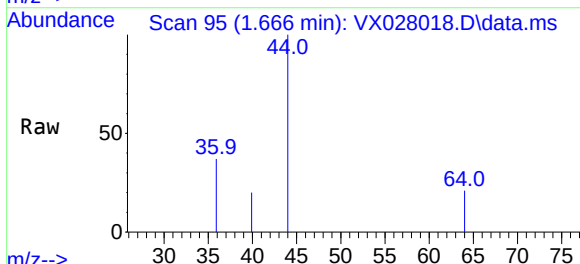
Instrument :
MSVOA_X
ClientSampleId :
VX0408WBL01

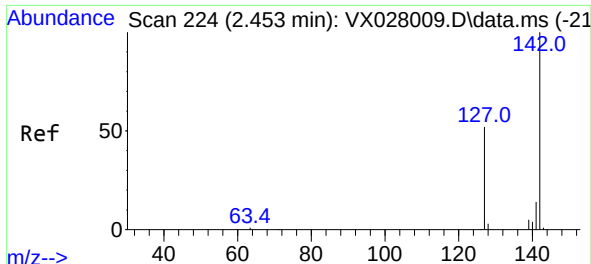
Tgt Ion: 94 Resp: 256
Ion Ratio Lower Upper
94 100
96 95.9 75.3 112.9



#6
Chloroethane
Concen: 1.941 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.013 min
Lab File: VX028018.D
Acq: 08 Apr 2022 11:34

Tgt Ion: 64 Resp: 229
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

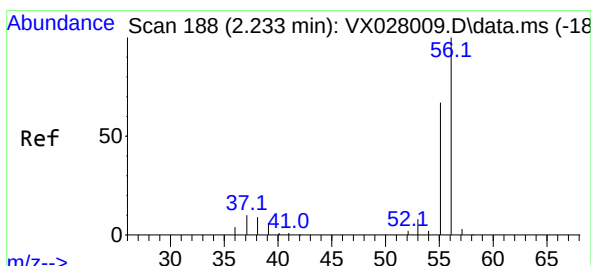
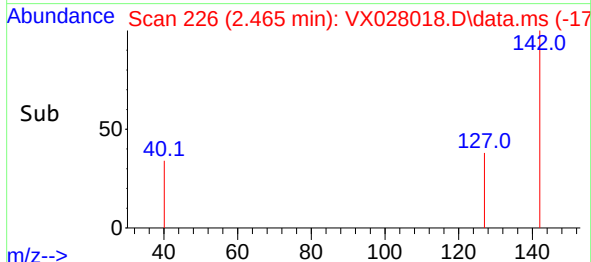
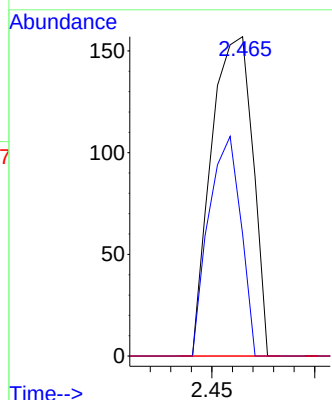
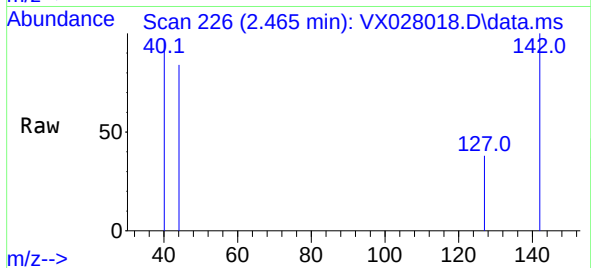




#10
Methyl Iodide
Concen: 6.967 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX028018.D
Acq: 08 Apr 2022 11:34

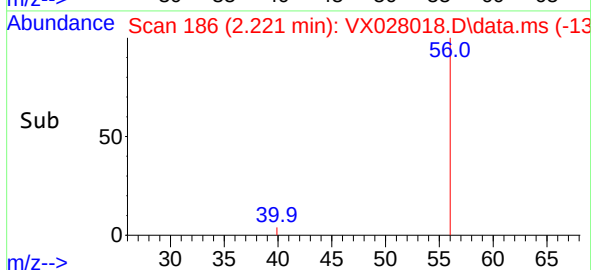
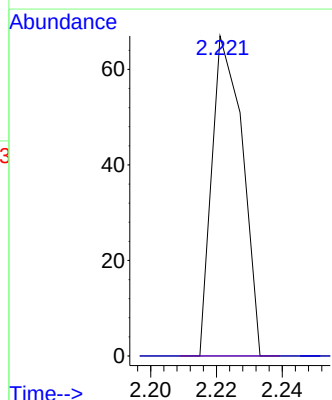
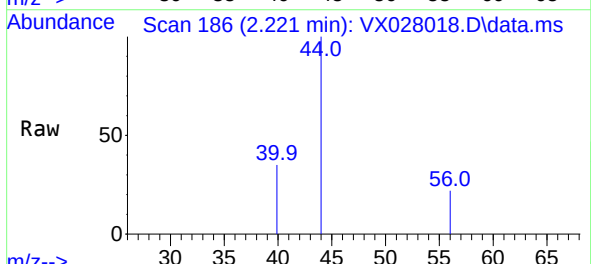
Instrument :
MSVOA_X
ClientSampleId :
VX0408WBL01

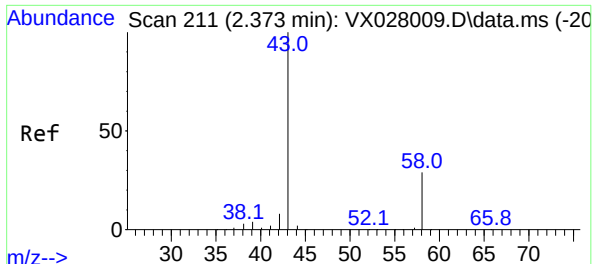
Tgt Ion:142 Resp: 220
Ion Ratio Lower Upper
142 100
127 53.2 33.9 50.9#
141 0.0 11.4 17.2#



#13
Acrolein
Concen: 0.211 ug/l
RT: 2.221 min Scan# 186
Delta R.T. -0.012 min
Lab File: VX028018.D
Acq: 08 Apr 2022 11:34

Tgt Ion: 56 Resp: 43
Ion Ratio Lower Upper
56 100
55 0.0 55.0 82.6#

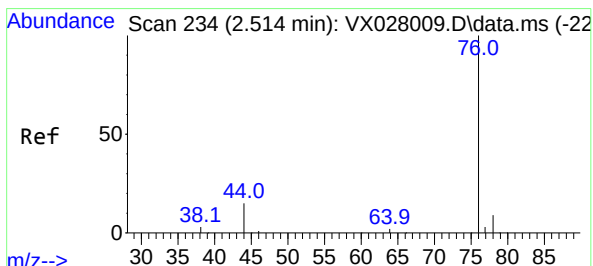
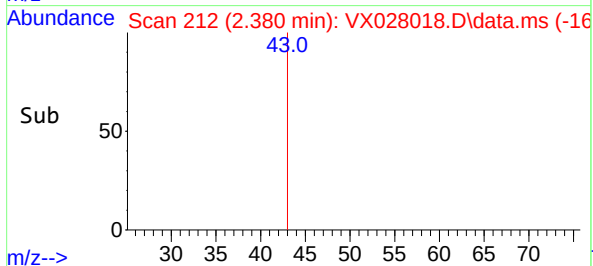
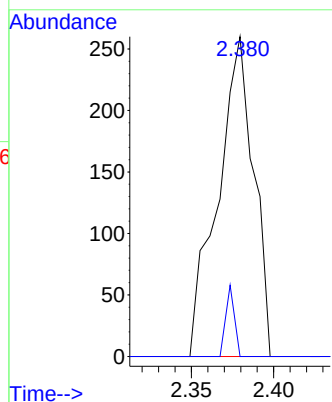
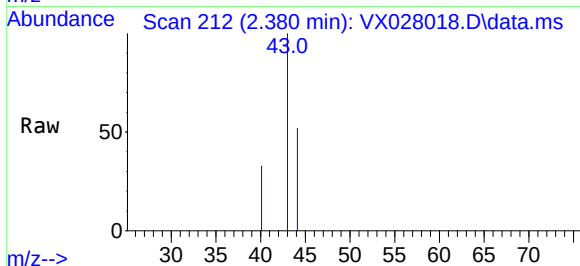




#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028018.D
Acq: 08 Apr 2022 11:34

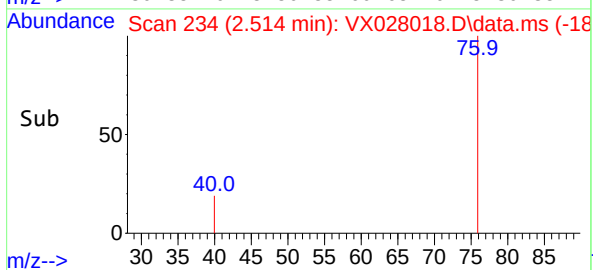
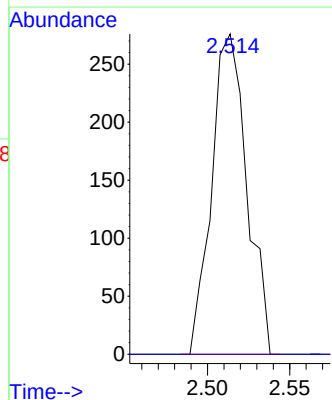
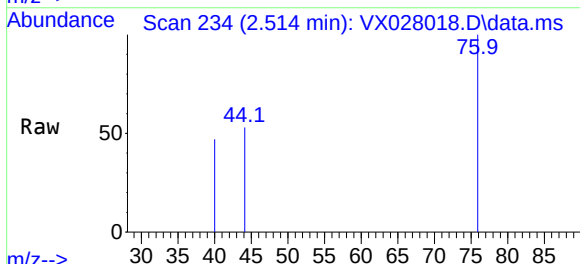
Instrument :
MSVOA_X
ClientSampleId :
VX0408WBL01

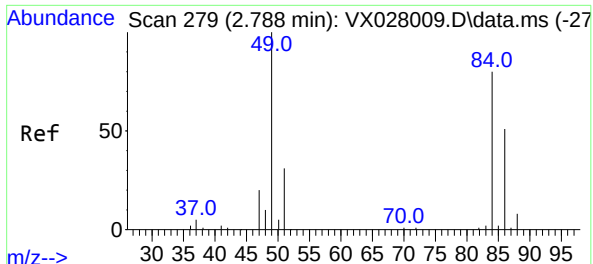
Tgt Ion: 43 Resp: 394
Ion Ratio Lower Upper
43 100
58 0.0 28.8 43.2#



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX028018.D
Acq: 08 Apr 2022 11:34

Tgt Ion: 76 Resp: 412
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 2.674 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX028018.D

Acq: 08 Apr 2022 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0408WBL01

Tgt Ion: 84 Resp: 345

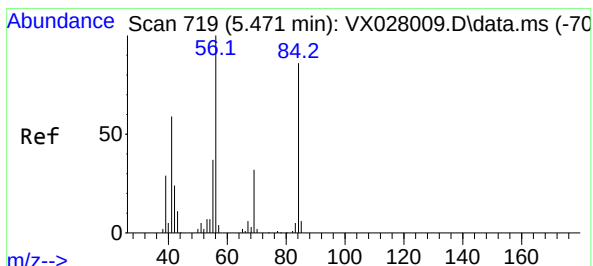
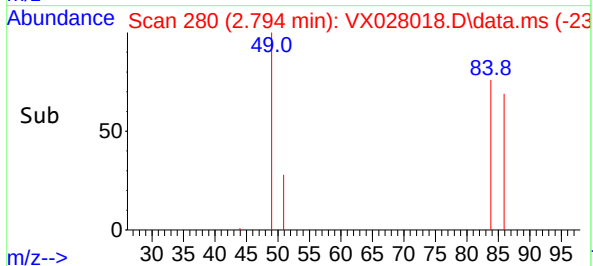
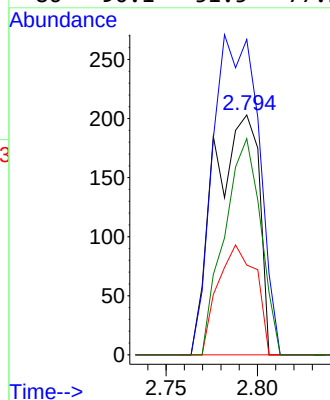
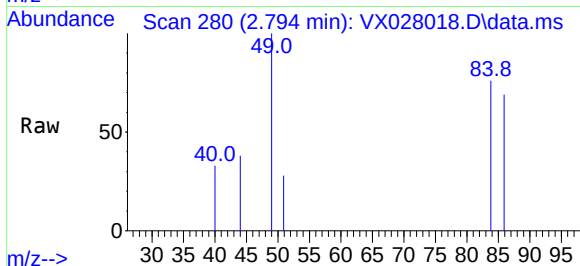
Ion Ratio Lower Upper

84 100

49 131.5 85.5 128.3#

51 37.4 26.6 39.8

86 90.1 51.5 77.3#



#31

Cyclohexane

Concen: 1.488 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX028018.D

Acq: 08 Apr 2022 11:34

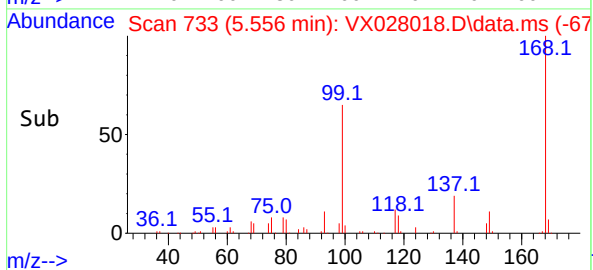
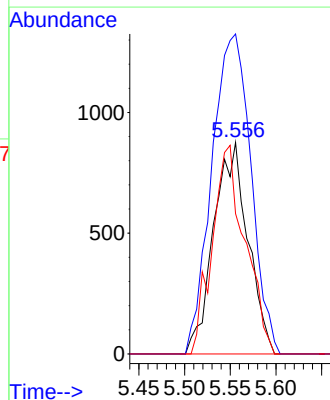
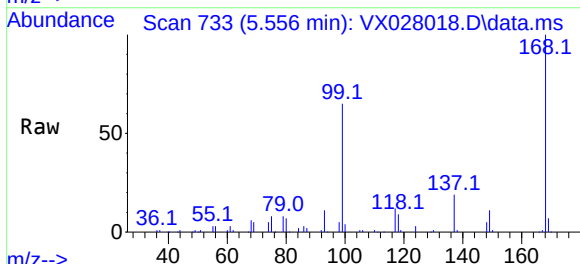
Tgt Ion: 56 Resp: 2280

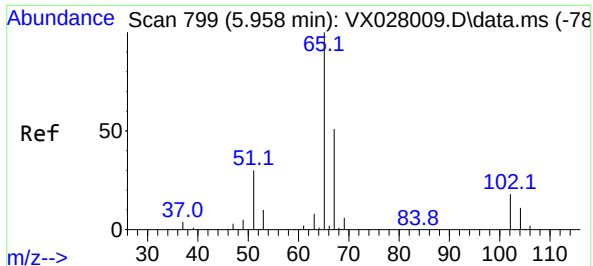
Ion Ratio Lower Upper

56 100

69 151.3 26.7 40.1#

84 66.3 77.2 115.8#

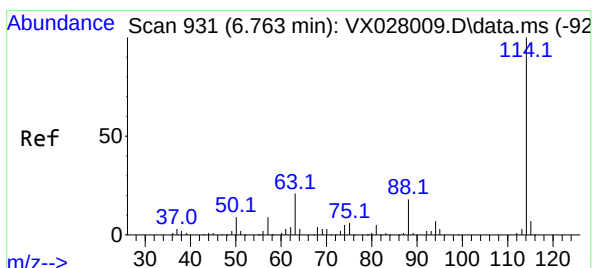
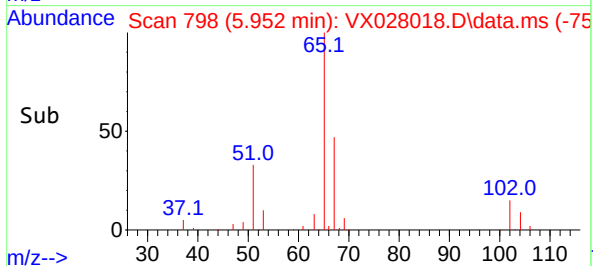
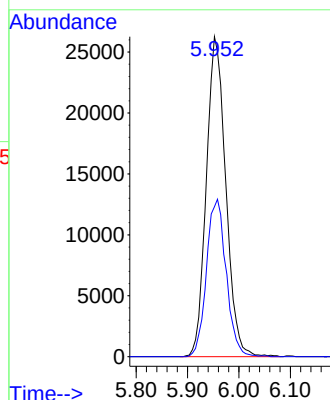
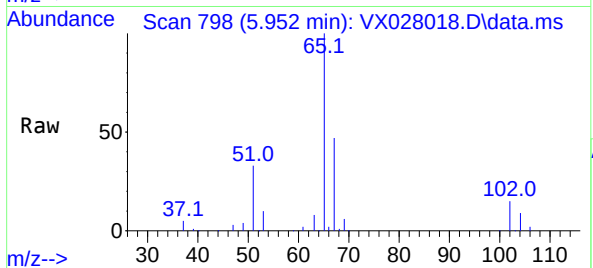




#33
1,2-Dichloroethane-d4
Concen: 54.706 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX028018.D
Acq: 08 Apr 2022 11:34

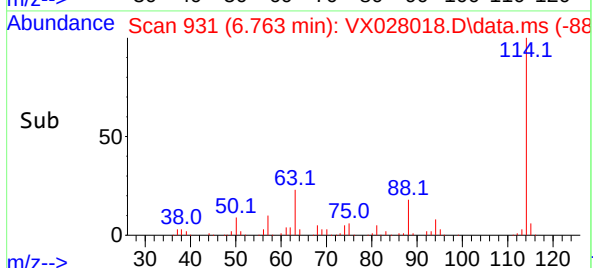
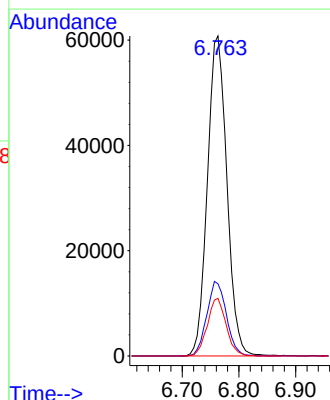
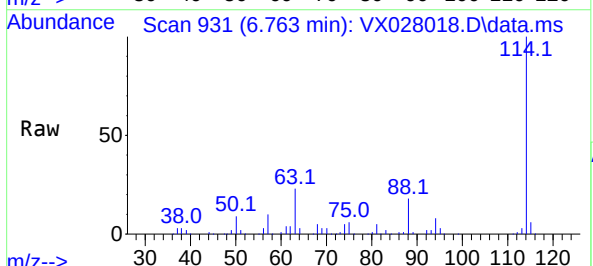
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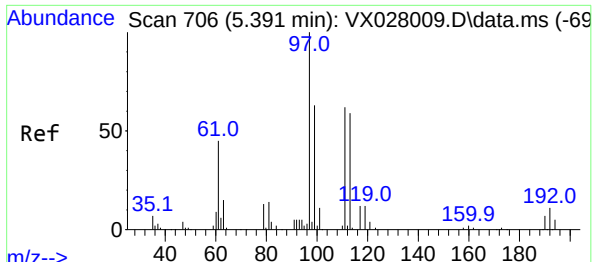
Tgt Ion: 65 Resp: 69166
Ion Ratio Lower Upper
65 100
67 49.7 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX028018.D
Acq: 08 Apr 2022 11:34

Tgt Ion: 114 Resp: 145008
Ion Ratio Lower Upper
114 100
63 22.5 0.0 36.8
88 18.0 0.0 32.4

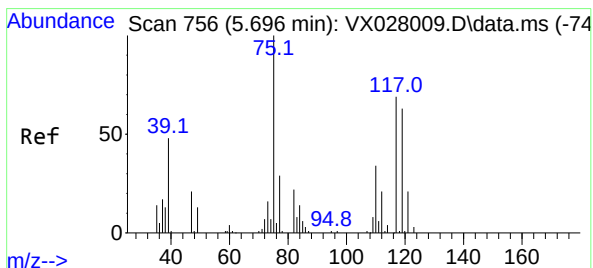
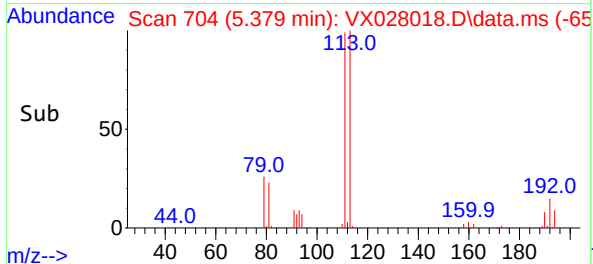
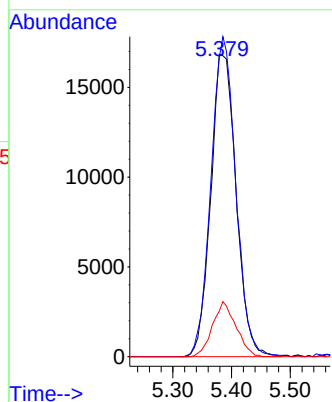
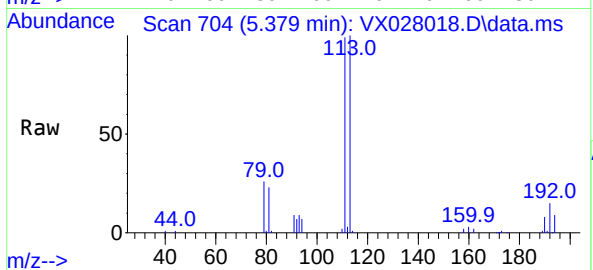




#35
Dibromofluoromethane
Concen: 51.870 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.012 min
Lab File: VX028018.D
Acq: 08 Apr 2022 11:34

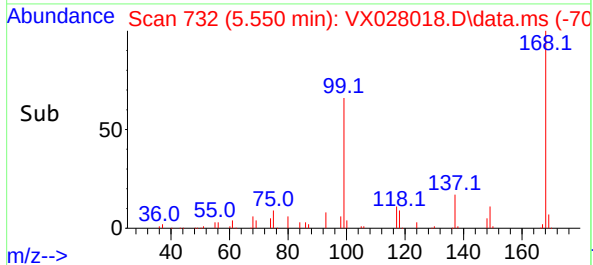
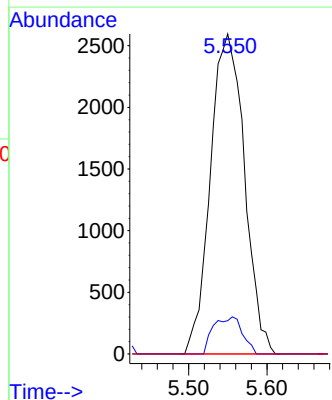
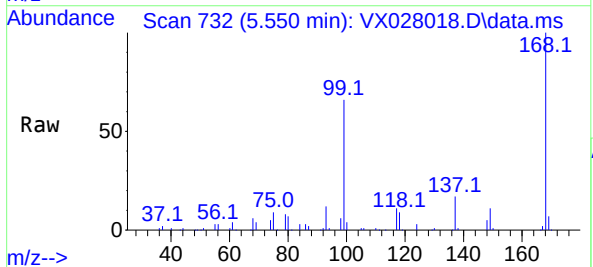
Instrument :
MSVOA_X
ClientSampleId :
VX0408WBL01

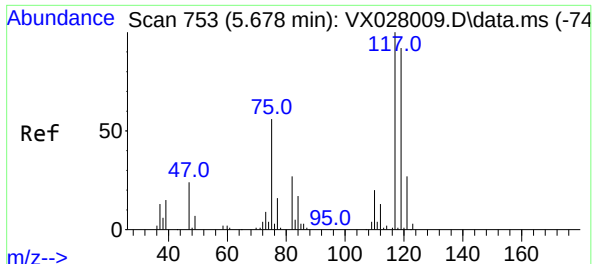
Tgt Ion:113 Resp: 50489
Ion Ratio Lower Upper
113 100
111 103.5 82.8 124.2
192 16.9 16.9 25.3#



#36
1,1-Dichloropropene
Concen: 5.474 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX028018.D
Acq: 08 Apr 2022 11:34

Tgt Ion: 75 Resp: 7835
Ion Ratio Lower Upper
75 100
110 9.9 18.3 54.8#
77 0.0 24.8 37.2#

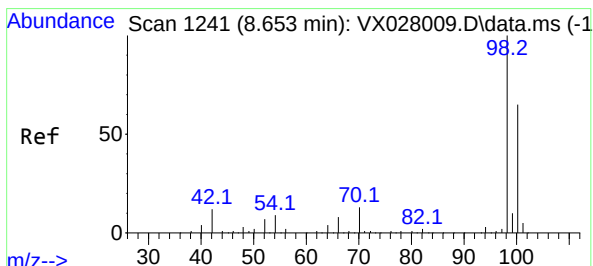
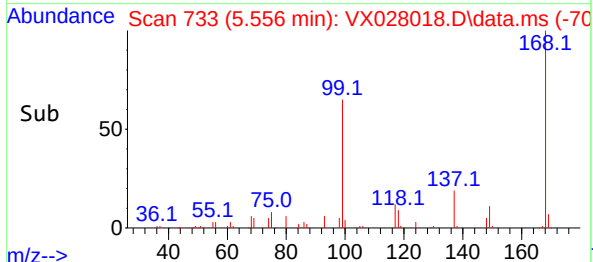
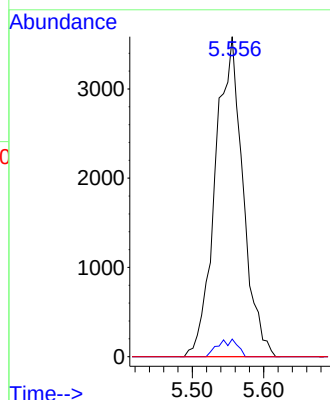
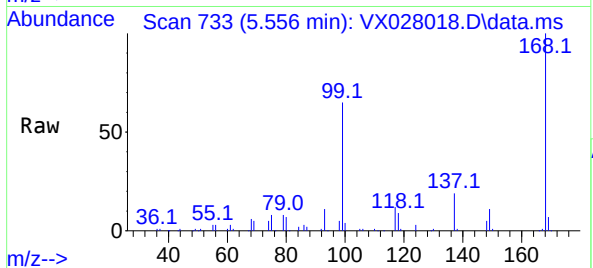




#38
Carbon Tetrachloride
Concen: 6.209 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX028018.D
Acq: 08 Apr 2022 11:34

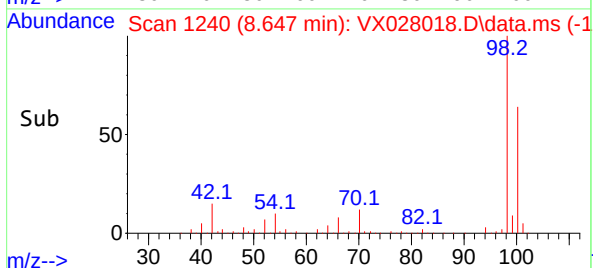
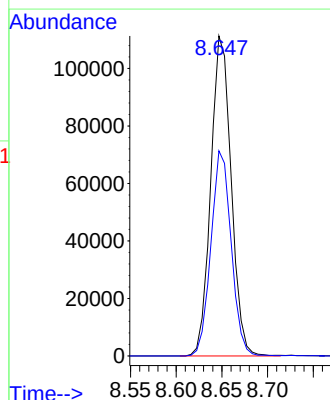
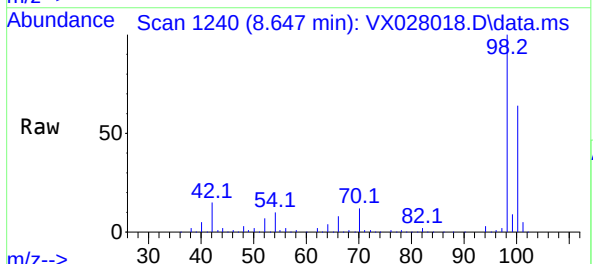
Instrument :
MSVOA_X
ClientSampleId :
VX0408WBL01

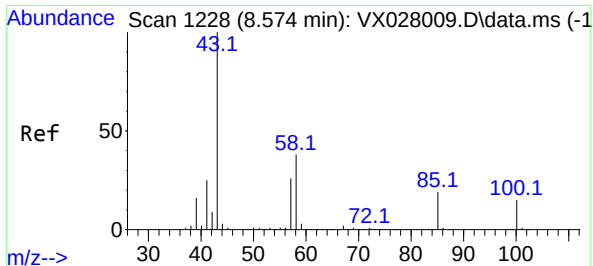
Tgt Ion:117 Resp: 9619
Ion Ratio Lower Upper
117 100
119 5.5 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.616 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX028018.D
Acq: 08 Apr 2022 11:34

Tgt Ion: 98 Resp: 172318
Ion Ratio Lower Upper
98 100
100 63.8 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.546 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX028018.D

Acq: 08 Apr 2022 11:34

Instrument :

MSVOA_X

ClientSampleId :

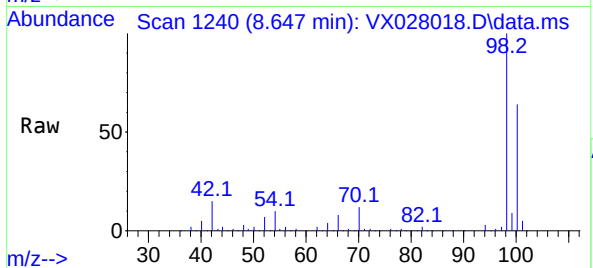
VX0408WBL01

Tgt Ion: 43 Resp: 901

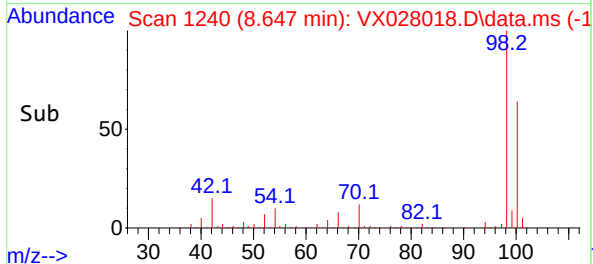
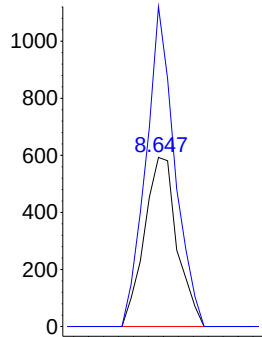
Ion Ratio Lower Upper

43 100

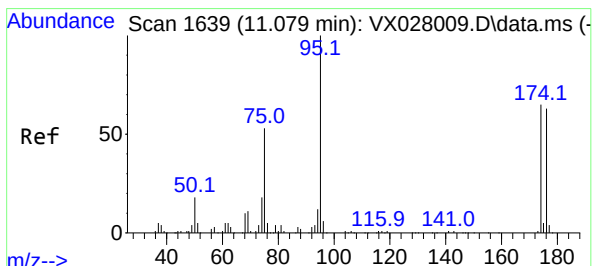
58 166.0 36.1 54.1#



Abundance



Time-->



#62

4-Bromofluorobenzene

Concen: 47.367 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX028018.D

Acq: 08 Apr 2022 11:34

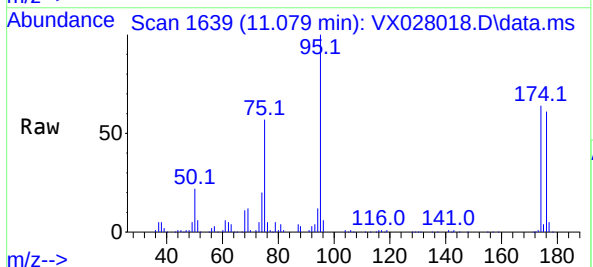
Tgt Ion: 95 Resp: 69932

Ion Ratio Lower Upper

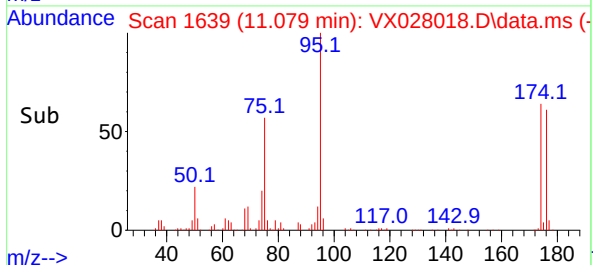
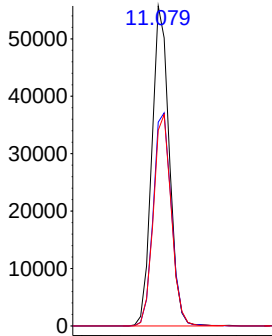
95 100

174 69.2 0.0 163.0

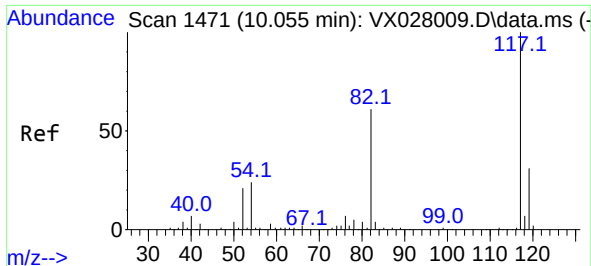
176 67.6 0.0 155.0



Abundance



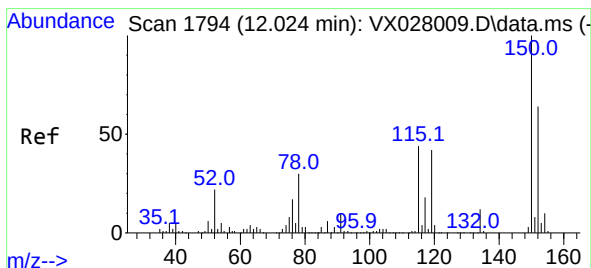
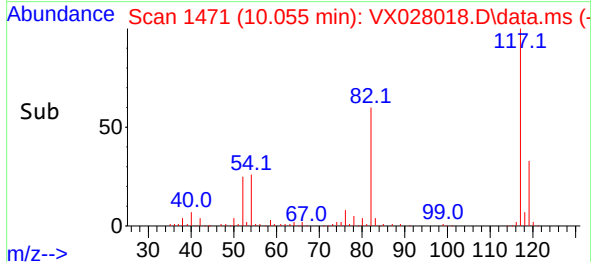
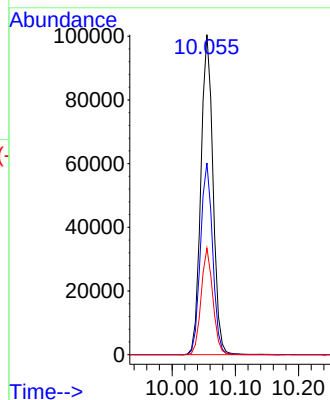
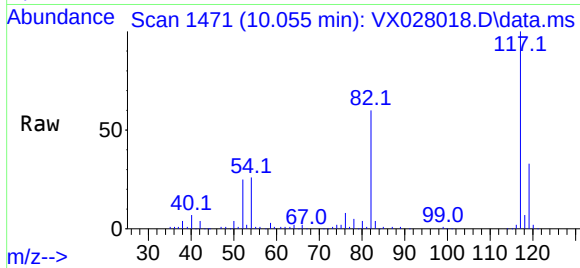
Time-->



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028018.D
Acq: 08 Apr 2022 11:34

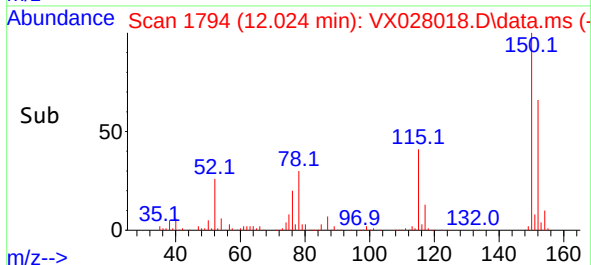
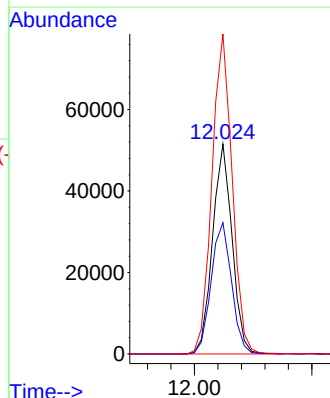
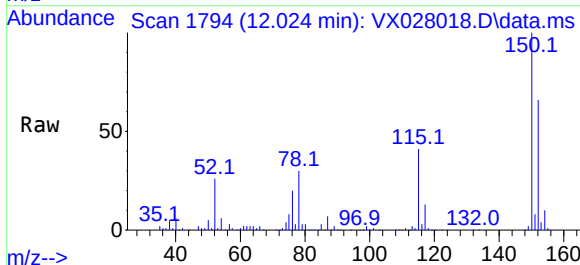
Instrument :
MSVOA_X
ClientSampleId :
VX0408WBL01

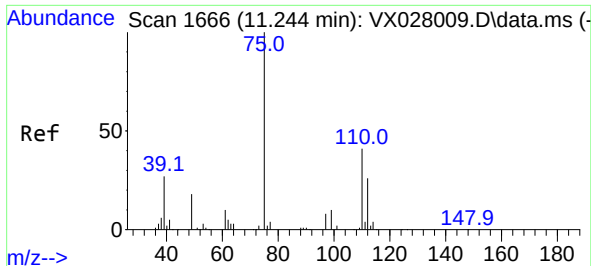
Tgt Ion:117 Resp: 133995
Ion Ratio Lower Upper
117 100
82 59.9 41.8 62.8
119 33.3 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028018.D
Acq: 08 Apr 2022 11:34

Tgt Ion:152 Resp: 59654
Ion Ratio Lower Upper
152 100
115 65.3 37.5 112.7
150 157.2 0.0 338.2

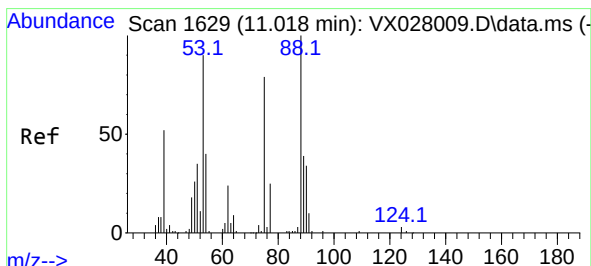
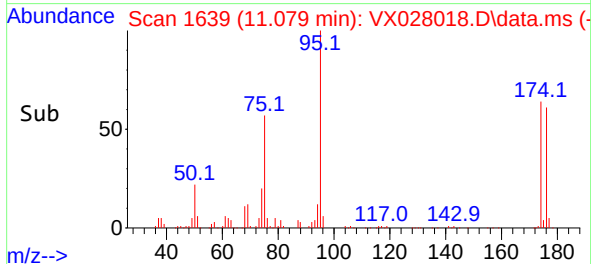
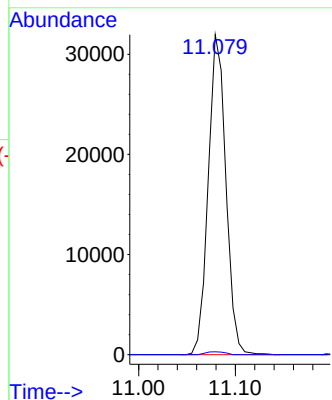
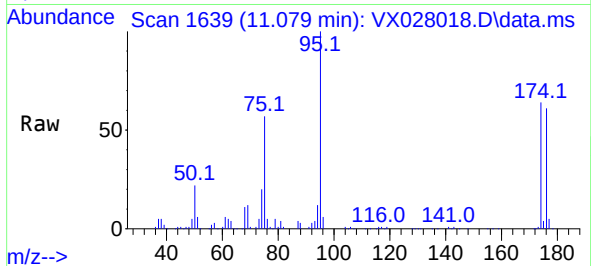




#76
1,2,3-Trichloropropane
Concen: 27.714 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028018.D
Acq: 08 Apr 2022 11:34

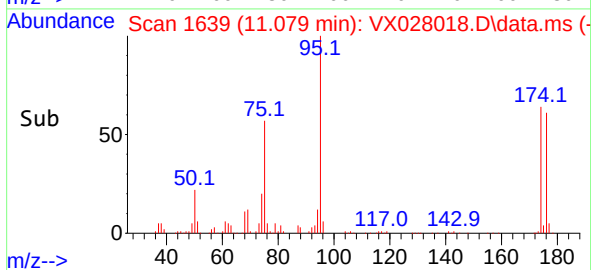
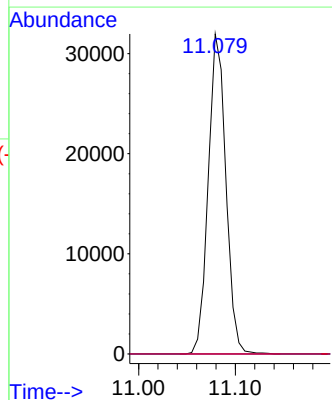
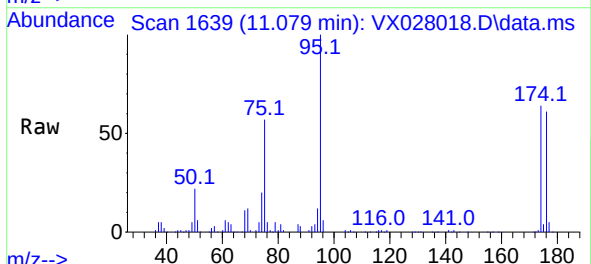
Instrument :
MSVOA_X
ClientSampleId :
VX0408WBL01

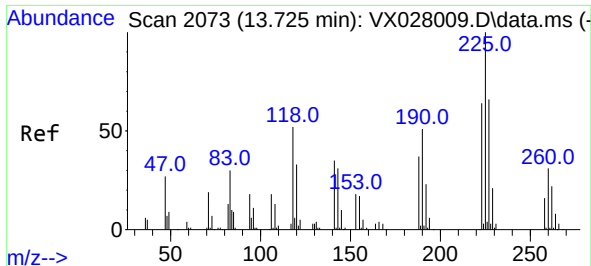
Tgt Ion: 75 Resp: 40554
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.451 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028018.D
Acq: 08 Apr 2022 11:34

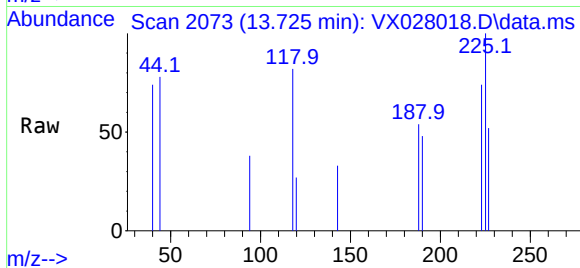
Tgt Ion: 75 Resp: 40554
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#94
 Hexachlorobutadiene
 Concen: 0.362 ug/l
 RT: 13.725 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VX028018.D
 Acq: 08 Apr 2022 11:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBL01



Tgt Ion:	225	Resp:	205
Ion	Ratio	Lower	Upper
225	100		
223	61.0	34.2	102.5
227	47.8	33.9	101.7

