

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051622\
 Data File : VX028731.D
 Acq On : 16 May 2022 15:08
 Operator : JC/MD
 Sample : N2862-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4R

Quant Time: May 17 03:36:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

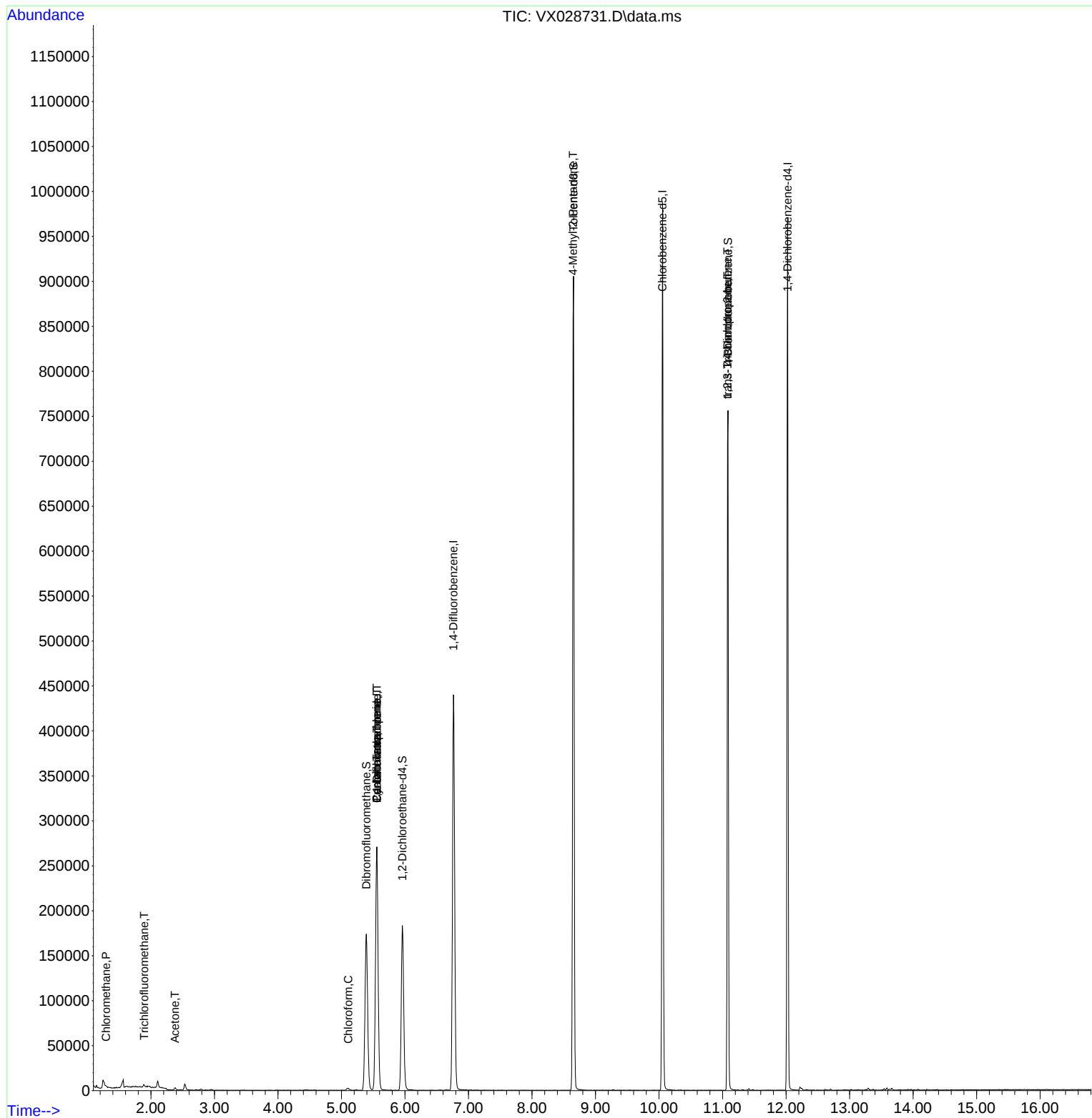
Internal Standards						
1) Pentafluorobenzene	5.556	168	245953	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	447504	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	429843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	189375	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	174562	51.777	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.560%	
35) Dibromofluoromethane	5.391	113	148974	50.810	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.620%	
50) Toluene-d8	8.653	98	538794	48.742	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.480%	
62) 4-Bromofluorobenzene	11.085	95	197253	47.775	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 95.560%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	619	0.204	ug/l	# 80
5) Bromomethane	1.612	94	641	Below Cal		87
6) Chloroethane	1.715	64	309	Below Cal	#	71
7) Trichlorofluoromethane	1.892	101	1777	0.341	ug/l	91
11) Tert butyl alcohol	2.947	59	483	Below Cal	#	72
16) Acetone	2.380	43	2966	2.050	ug/l	# 87
30) Chloroform	5.105	83	2494	0.454	ug/l	# 82
31) Cyclohexane	5.556	56	5775	1.234	ug/l	# 24
36) 1,1-Dichloropropene	5.556	75	20300	4.610	ug/l	# 49
38) Carbon Tetrachloride	5.556	117	26032	5.874	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.647	43	2402	0.507	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	108012	24.355	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	108012	70.902	ug/l	# 15

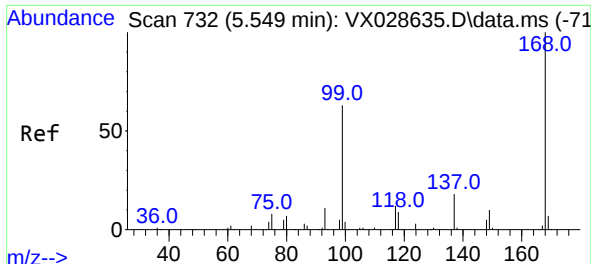
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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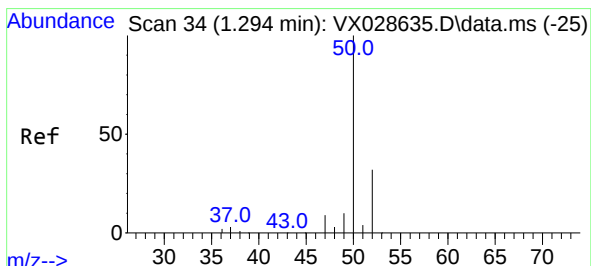
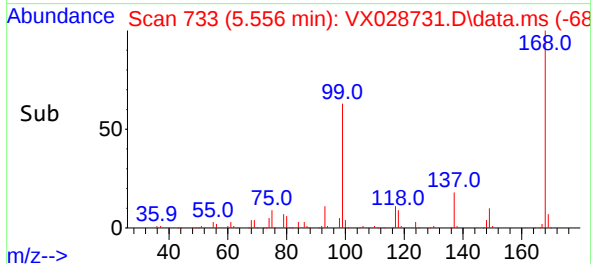
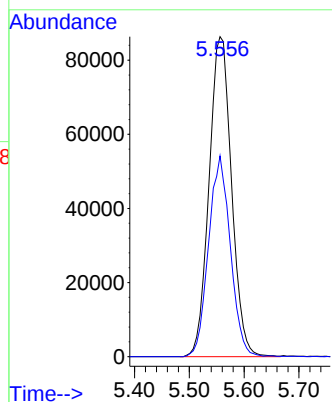
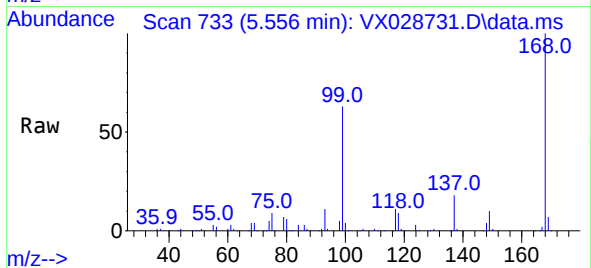




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028731.D
Acq: 16 May 2022 15:08

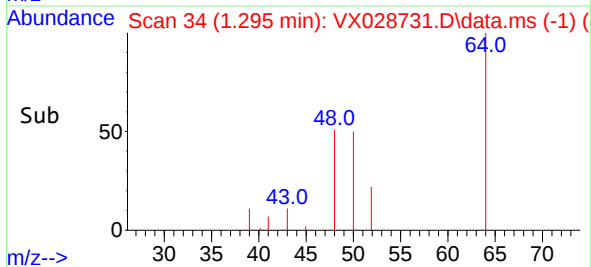
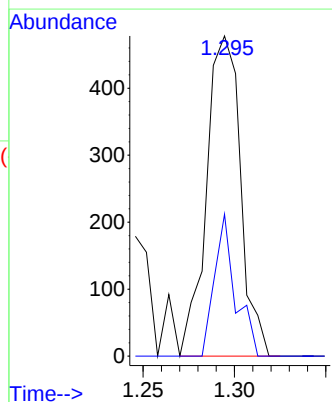
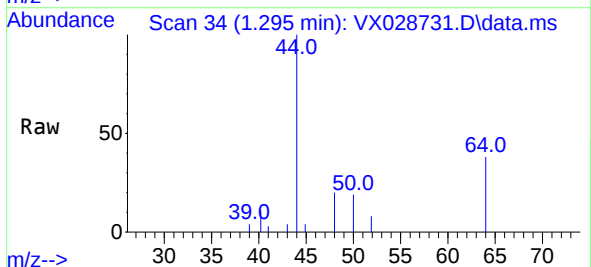
Instrument :
MSVOA_X
ClientSampleId :
MW-4R

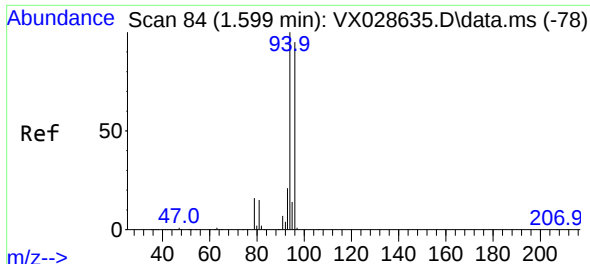
Tgt Ion:168 Resp: 245953
Ion Ratio Lower Upper
168 100
99 62.7 41.7 62.5#



#3
Chloromethane
Concen: 0.204 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX028731.D
Acq: 16 May 2022 15:08

Tgt Ion: 50 Resp: 619
Ion Ratio Lower Upper
50 100
52 44.4 26.4 39.6#

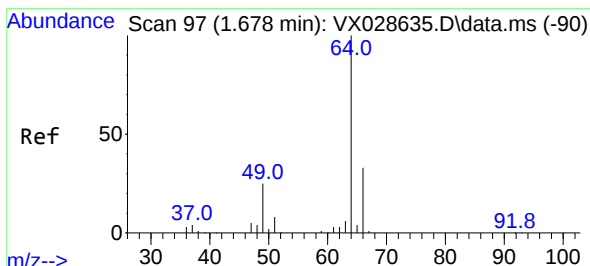
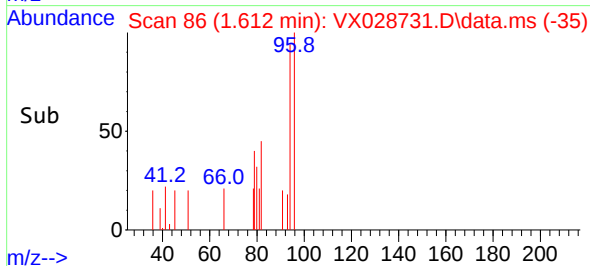
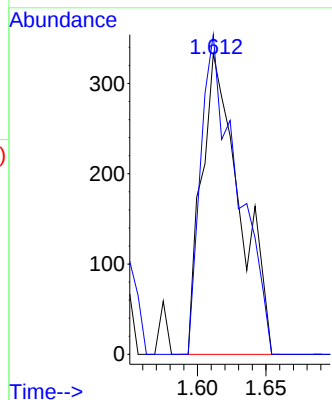
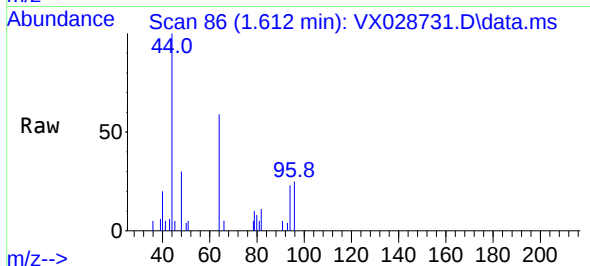




#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 80
Delta R.T. 0.013 min
Lab File: VX028731.D
Acq: 16 May 2022 15:08

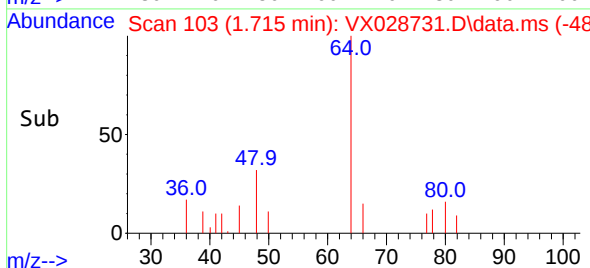
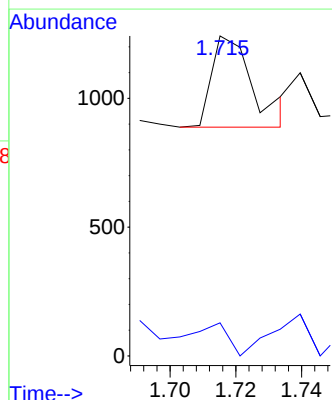
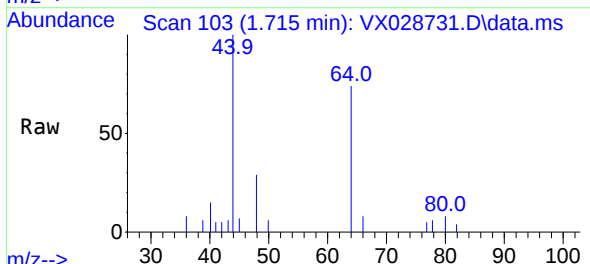
Instrument :
MSVOA_X
ClientSampleId :
MW-4R

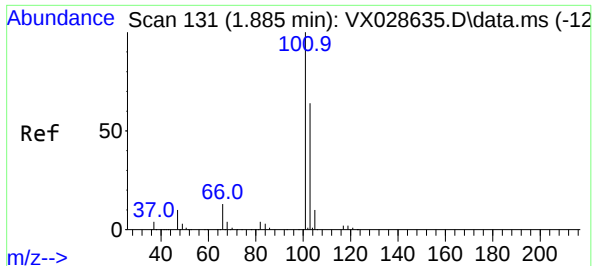
Tgt Ion: 94 Resp: 641
Ion Ratio Lower Upper
94 100
96 106.3 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.715 min Scan# 103
Delta R.T. 0.037 min
Lab File: VX028731.D
Acq: 16 May 2022 15:08

Tgt Ion: 64 Resp: 309
Ion Ratio Lower Upper
64 100
66 15.5 25.3 37.9#

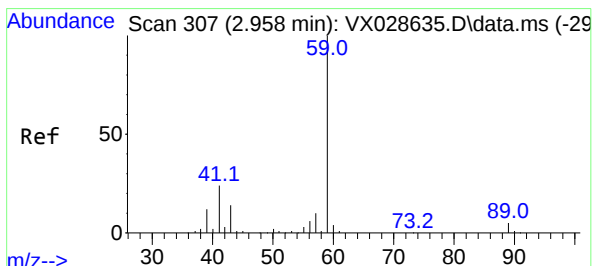
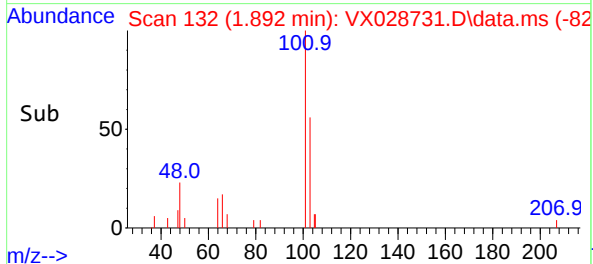
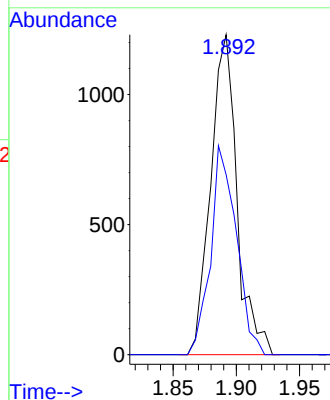
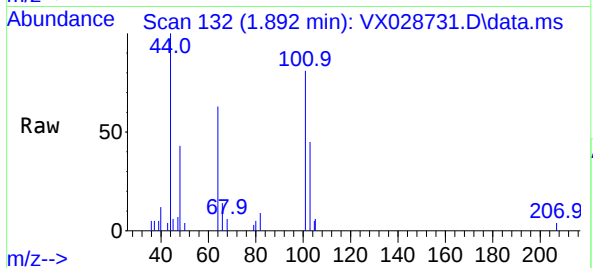




#7
Trichlorofluoromethane
Concen: 0.341 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028731.D
Acq: 16 May 2022 15:08

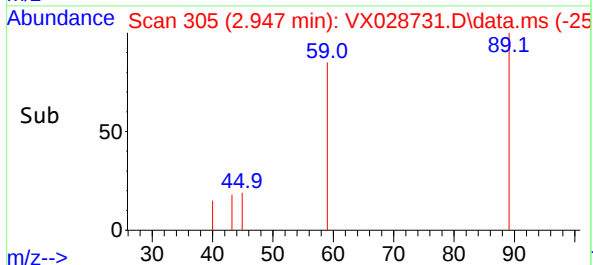
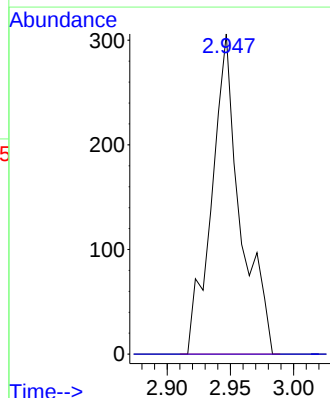
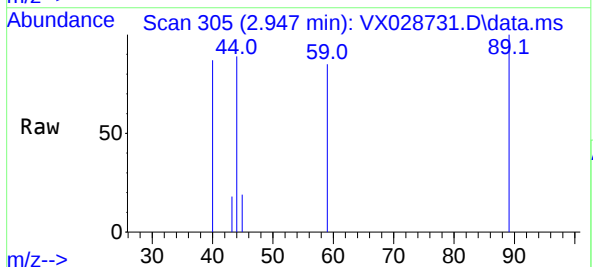
Instrument :
MSVOA_X
ClientSampleId :
MW-4R

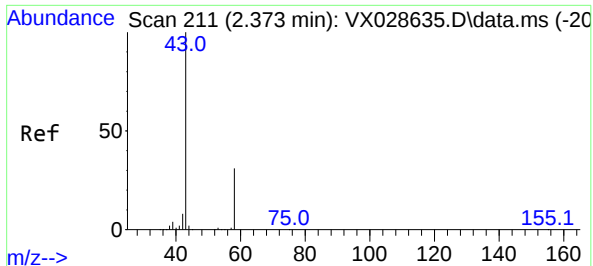
Tgt Ion:101 Resp: 1777
Ion Ratio Lower Upper
101 100
103 56.3 50.5 75.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.011 min
Lab File: VX028731.D
Acq: 16 May 2022 15:08

Tgt Ion: 59 Resp: 483
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

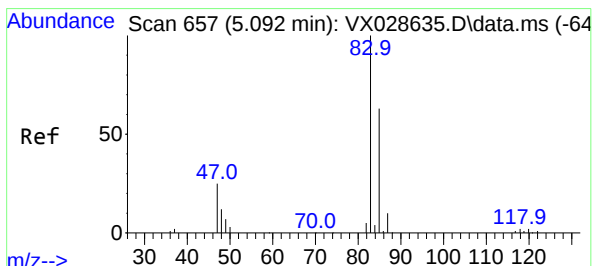
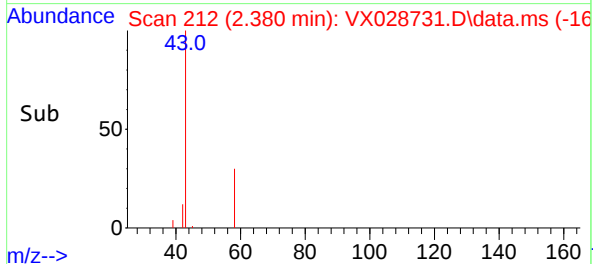
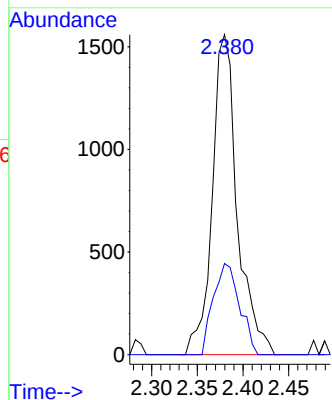
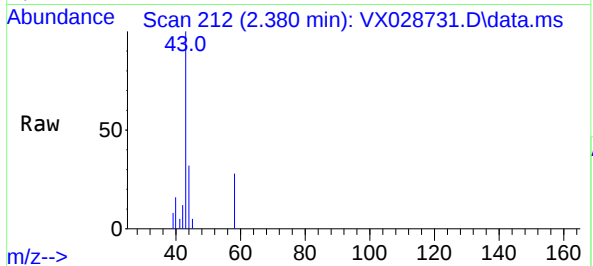




#16
Acetone
Concen: 2.050 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028731.D
Acq: 16 May 2022 15:08

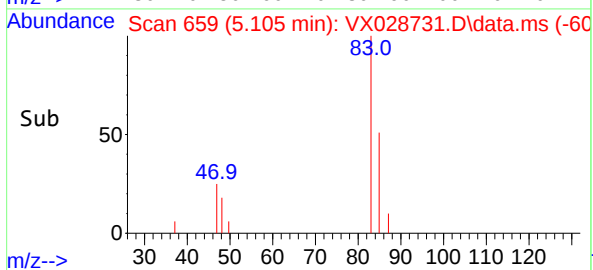
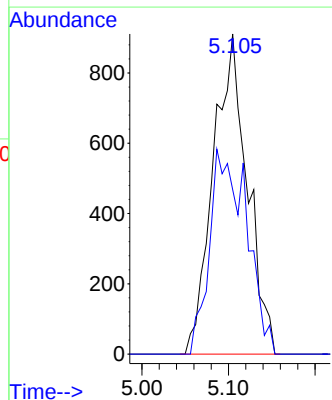
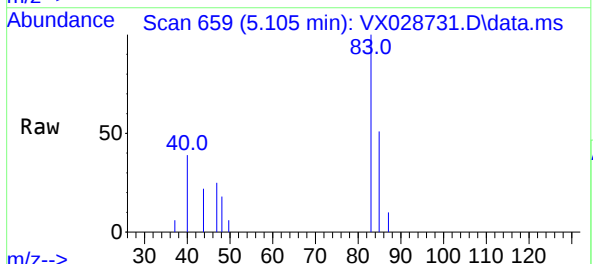
Instrument :
MSVOA_X
ClientSampleId :
MW-4R

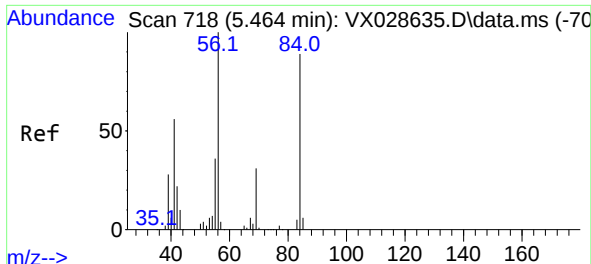
Tgt Ion: 43 Resp: 2966
Ion Ratio Lower Upper
43 100
58 28.5 28.8 43.2#



#30
Chloroform
Concen: 0.454 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.013 min
Lab File: VX028731.D
Acq: 16 May 2022 15:08

Tgt Ion: 83 Resp: 2494
Ion Ratio Lower Upper
83 100
85 51.4 52.7 79.1#

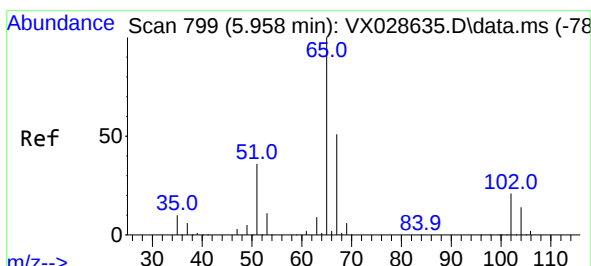
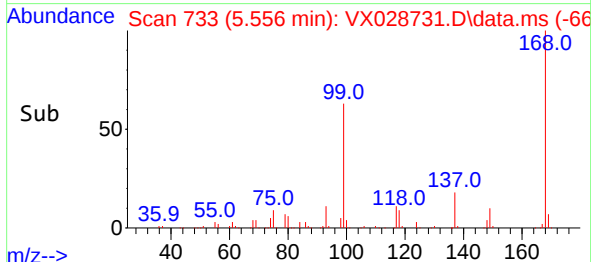
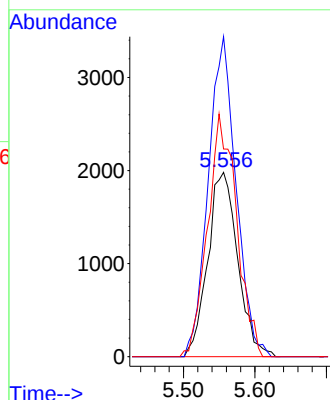
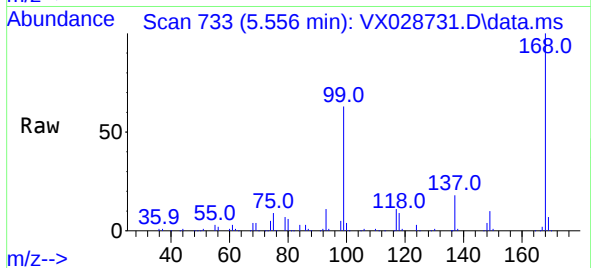




#31
Cyclohexane
Concen: 1.234 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX028731.D
Acq: 16 May 2022 15:08

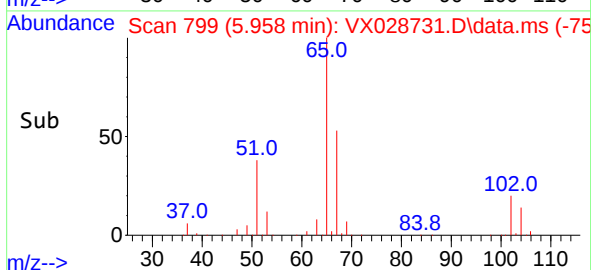
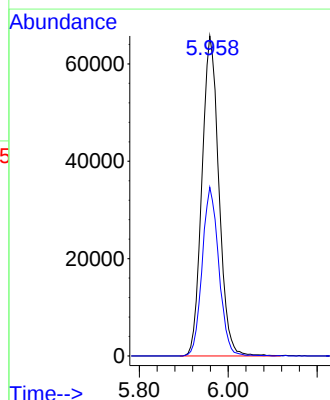
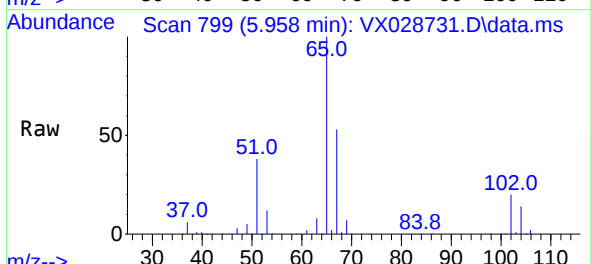
Instrument :
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ClientSampleId :
MW-4R

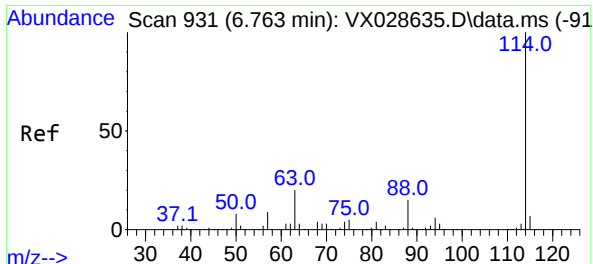
Tgt Ion: 56 Resp: 5775
Ion Ratio Lower Upper
56 100
69 173.5 26.7 40.1#
84 112.6 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 51.777 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028731.D
Acq: 16 May 2022 15:08

Tgt Ion: 65 Resp: 174562
Ion Ratio Lower Upper
65 100
67 51.6 0.0 107.4

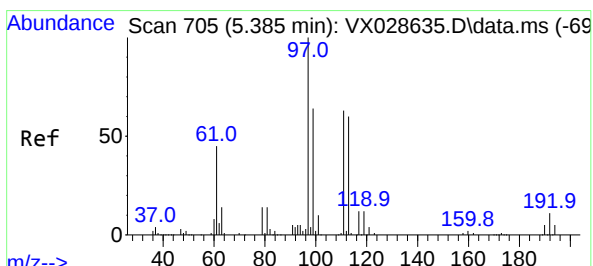
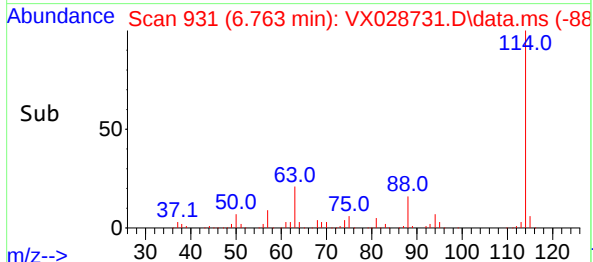
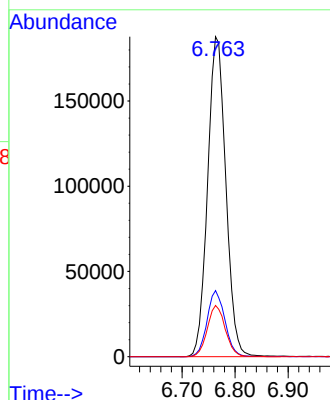
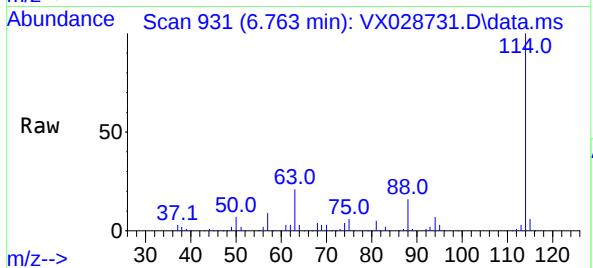




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028731.D
Acq: 16 May 2022 15:08

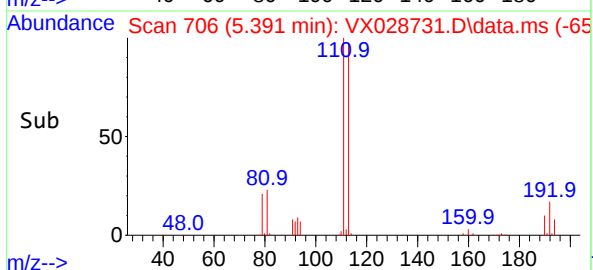
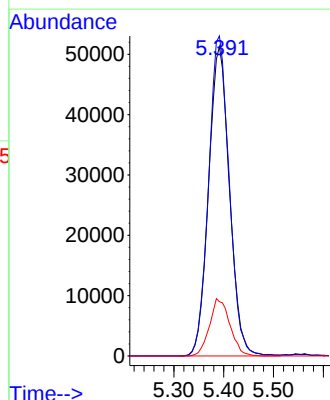
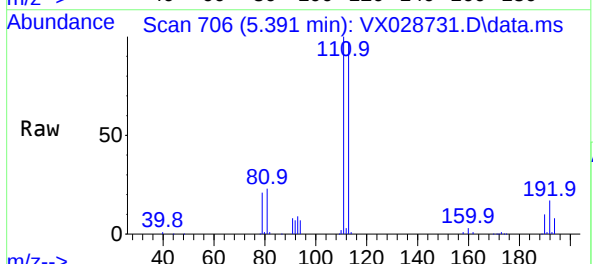
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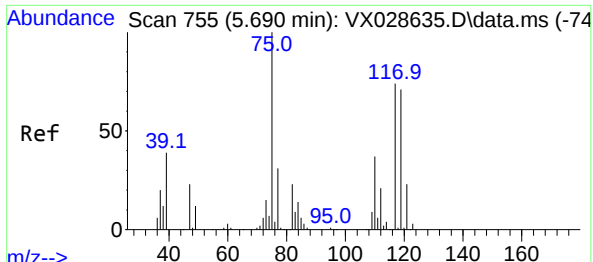
Tgt Ion:114 Resp: 447504
Ion Ratio Lower Upper
114 100
63 20.6 0.0 36.8
88 16.0 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.810 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028731.D
Acq: 16 May 2022 15:08

Tgt Ion:113 Resp: 148974
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 18.1 16.9 25.3

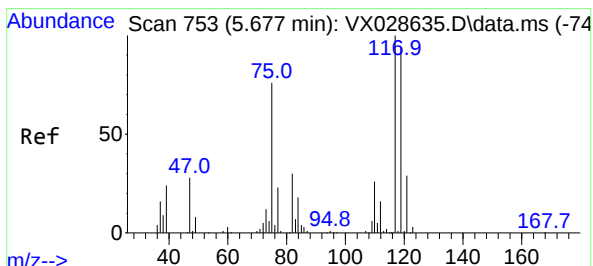
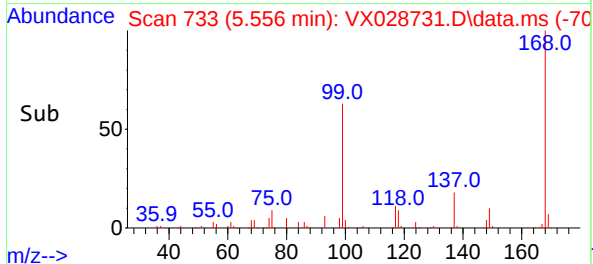
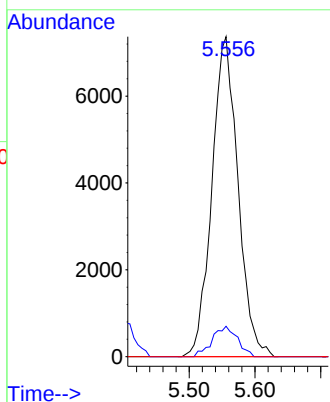
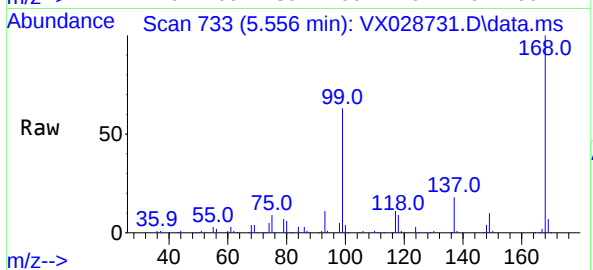




#36
1,1-Dichloropropene
Concen: 4.610 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX028731.D
Acq: 16 May 2022 15:08

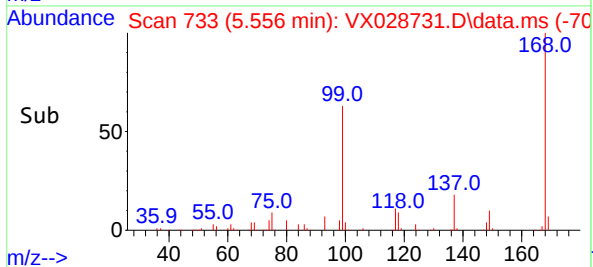
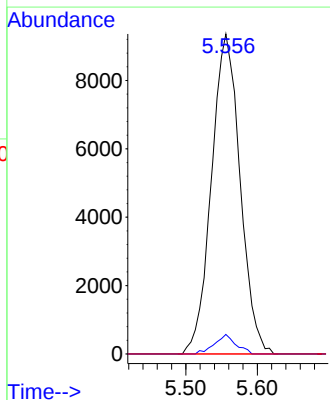
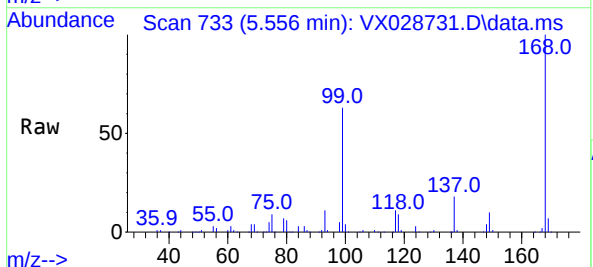
Instrument :
MSVOA_X
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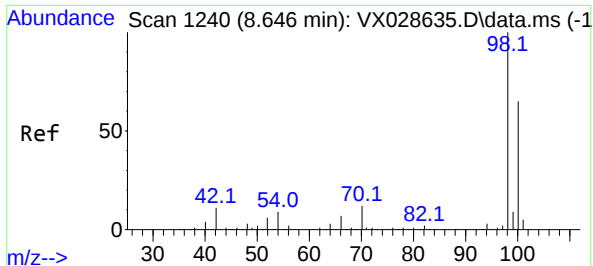
Tgt Ion: 75 Resp: 20300
Ion Ratio Lower Upper
75 100
110 9.2 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.874 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX028731.D
Acq: 16 May 2022 15:08

Tgt Ion: 117 Resp: 26032
Ion Ratio Lower Upper
117 100
119 6.1 77.3 115.9#
121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 48.742 ug/l

RT: 8.653 min Scan# 1

Delta R.T. 0.007 min

Lab File: VX028731.D

Acq: 16 May 2022 15:08

Instrument :

MSVOA_X

ClientSampleId :

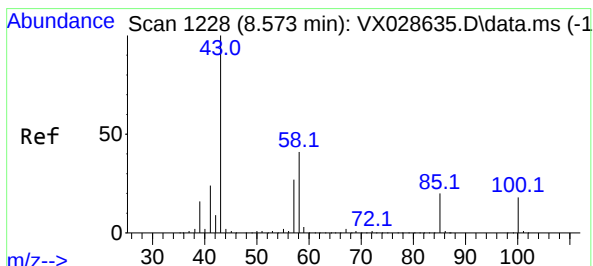
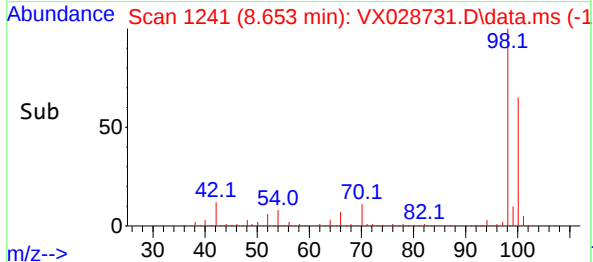
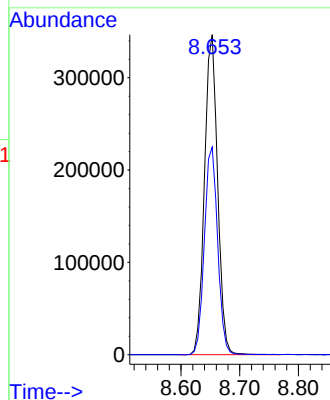
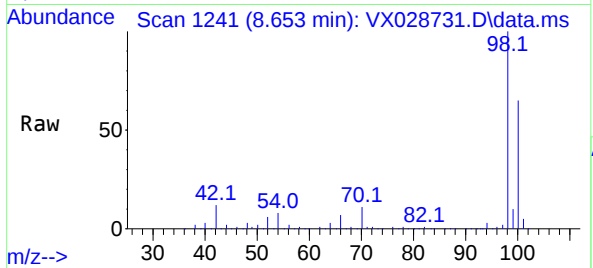
MW-4R

Tgt Ion: 98 Resp: 538794

Ion Ratio Lower Upper

98 100

100 65.5 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.507 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.074 min

Lab File: VX028731.D

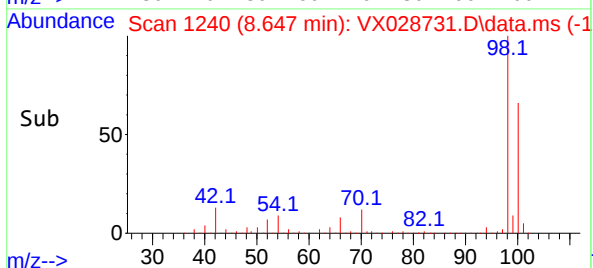
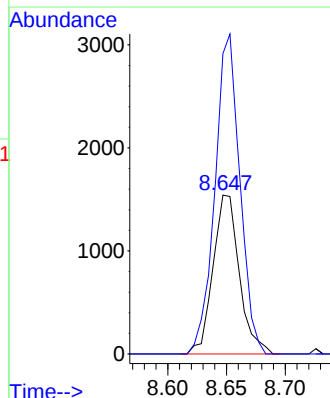
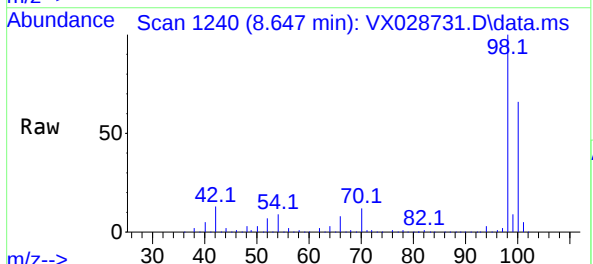
Acq: 16 May 2022 15:08

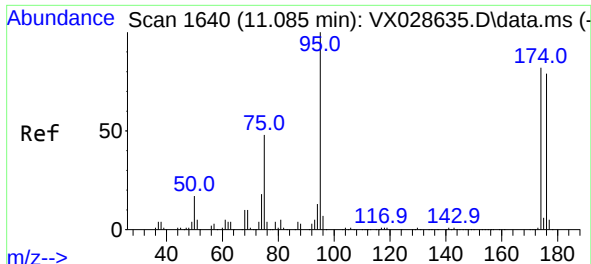
Tgt Ion: 43 Resp: 2402

Ion Ratio Lower Upper

43 100

58 191.3 36.1 54.1#

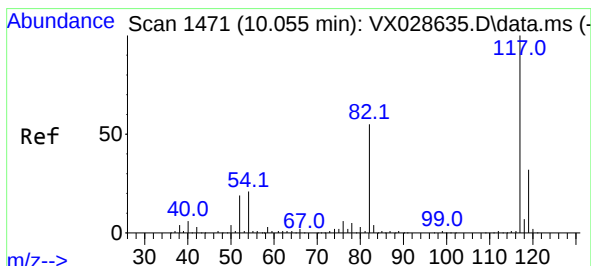
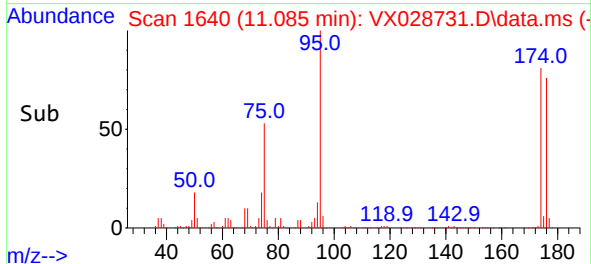
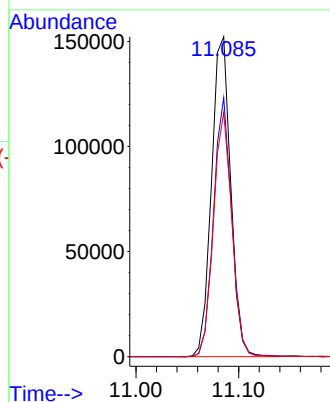
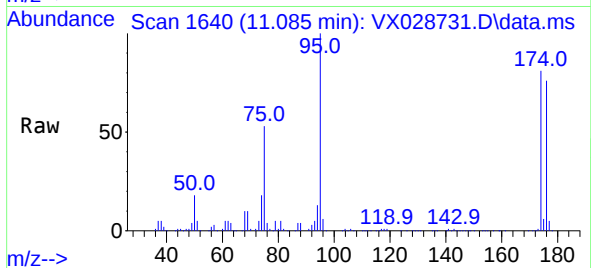




#62
4-Bromofluorobenzene
Concen: 47.775 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX028731.D
Acq: 16 May 2022 15:08

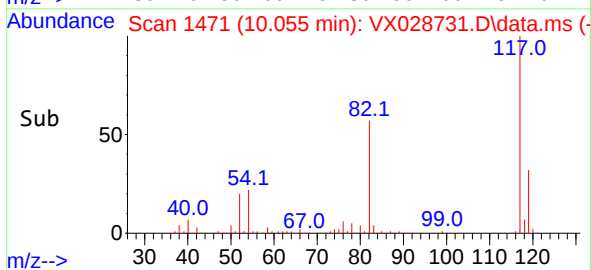
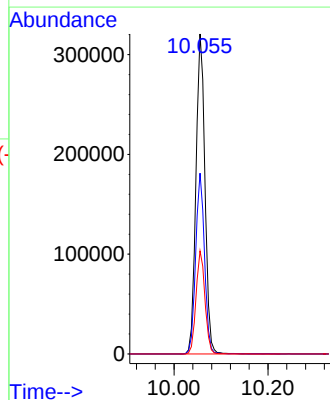
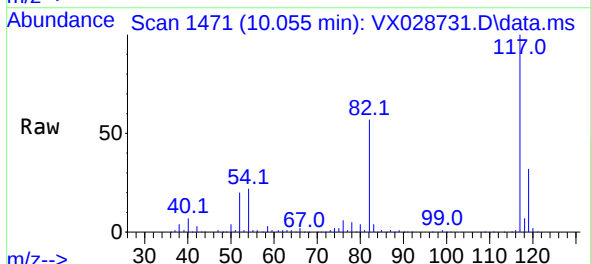
Instrument :
MSVOA_X
ClientSampleId :
MW-4R

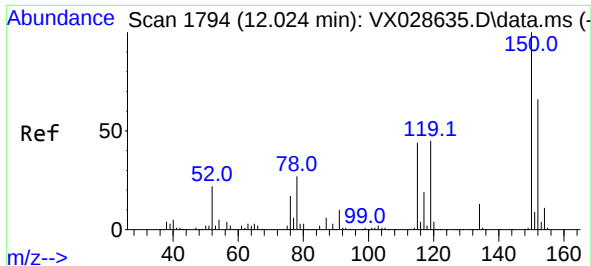
Tgt Ion: 95 Resp: 197253
Ion Ratio Lower Upper
95 100
174 76.8 0.0 163.0
176 73.5 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028731.D
Acq: 16 May 2022 15:08

Tgt Ion: 117 Resp: 429843
Ion Ratio Lower Upper
117 100
82 56.5 41.8 62.8
119 32.2 24.8 37.2

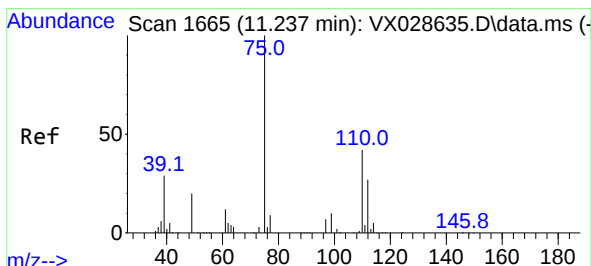
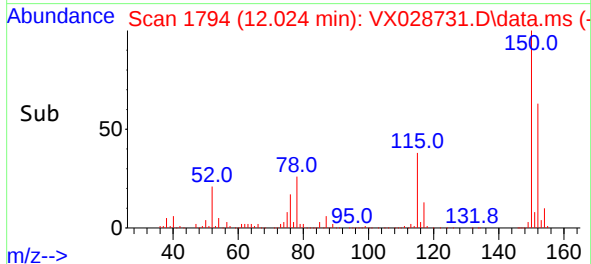
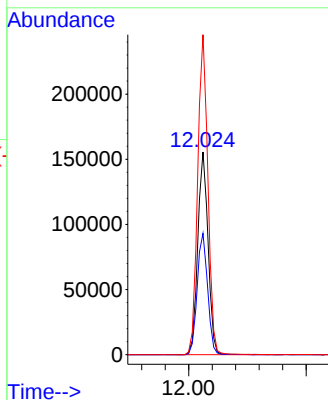
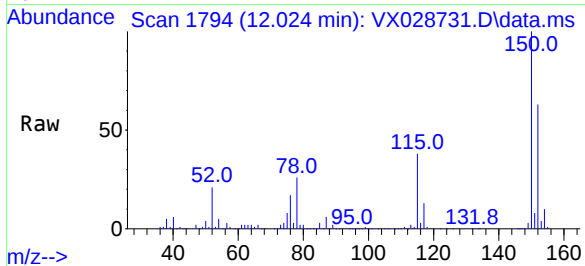




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028731.D
Acq: 16 May 2022 15:08

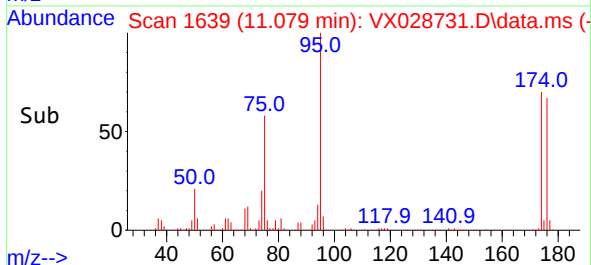
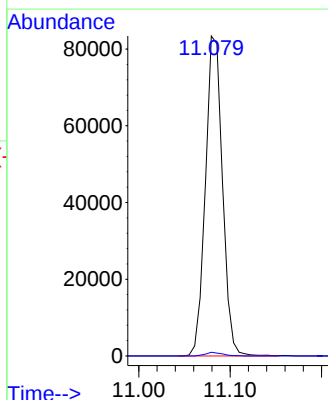
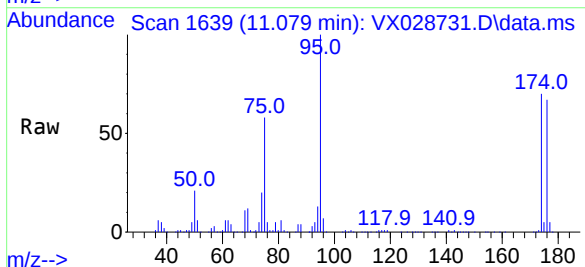
Instrument :
MSVOA_X
ClientSampleId :
MW-4R

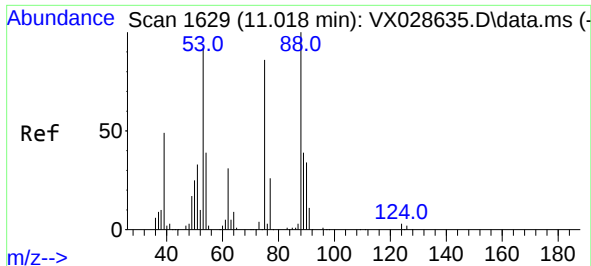
Tgt Ion:152 Resp: 189375
Ion Ratio Lower Upper
152 100
115 60.7 37.5 112.7
150 156.6 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 24.355 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028731.D
Acq: 16 May 2022 15:08

Tgt Ion: 75 Resp: 108012
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 70.902 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX028731.D
Acq: 16 May 2022 15:08

Instrument :
MSVOA_X
ClientSampleId :
MW-4R

Tgt Ion: 75 Resp: 108012
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

