

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052022\
 Data File : VX028849.D
 Acq On : 20 May 2022 14:36
 Operator : JC/MD
 Sample : N2943-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14

Quant Time: May 20 23:28:46 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)

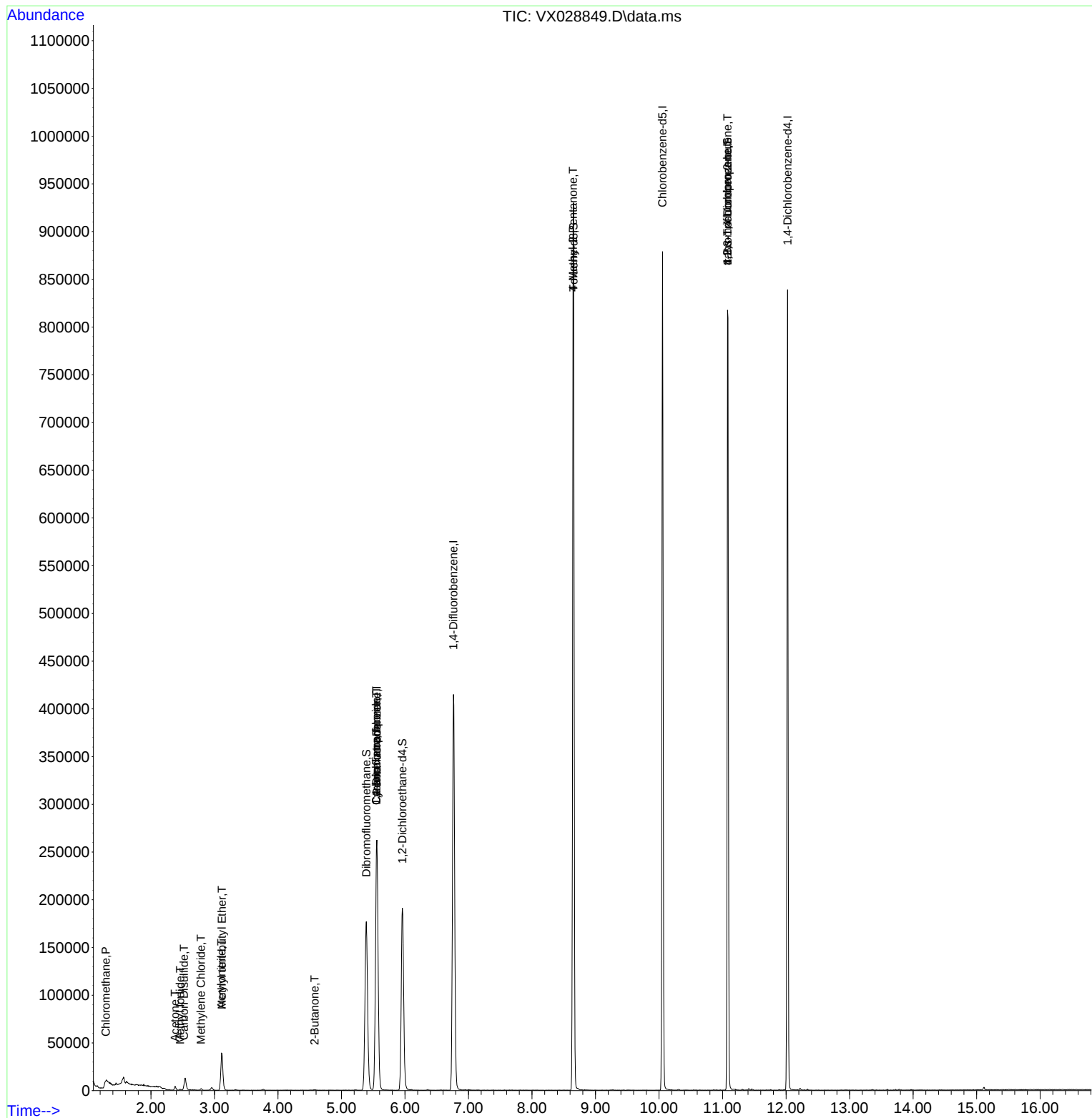
Internal Standards						
1) Pentafluorobenzene	5.556	168	240150	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	425654	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	377358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	161112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	184035	55.905	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 111.820%	
35) Dibromofluoromethane	5.391	113	150086	53.817	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 107.640%	
50) Toluene-d8	8.653	98	551473	52.449	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.900%	
62) 4-Bromofluorobenzene	11.079	95	221992	56.527	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 113.060%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	876	0.296	ug/l	# 42
5) Bromomethane	1.611	94	910	Below Cal		98
6) Chloroethane	1.569	64	1978	Below Cal	#	74
10) Methyl Iodide	2.459	142	836	0.261	ug/l	97
11) Tert butyl alcohol	2.965	59	2837	Below Cal	#	72
15) Acrylonitrile	3.111	53	782	0.493	ug/l	# 22
16) Acetone	2.380	43	4042	2.861	ug/l	97
17) Carbon Disulfide	2.520	76	3702	0.575	ug/l	# 91
19) Methyl tert-butyl Ether	3.117	73	41233	4.675	ug/l	97
20) Methylene Chloride	2.788	84	699	0.236	ug/l	# 86
25) 2-Butanone	4.574	43	456	0.206	ug/l	# 44
31) Cyclohexane	5.550	56	5446	1.192	ug/l	# 29
36) 1,1-Dichloropropene	5.550	75	19036	4.545	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	26171	6.208	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	2472	0.548	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	119423	31.651	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	119423	90.985	ug/l	# 15

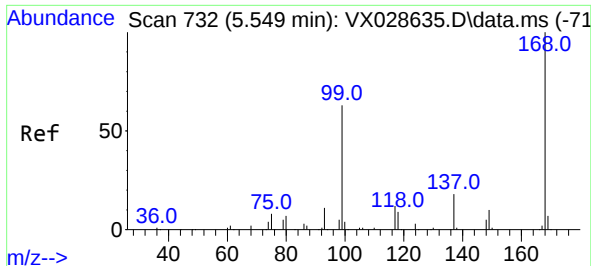
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

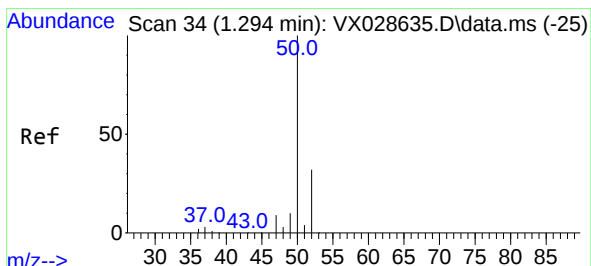
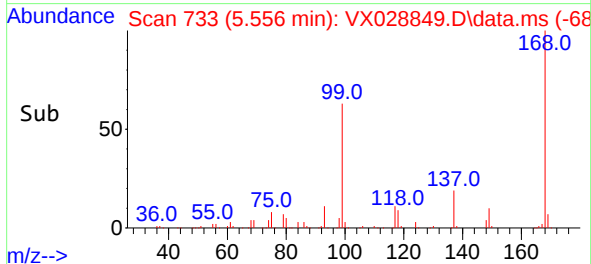
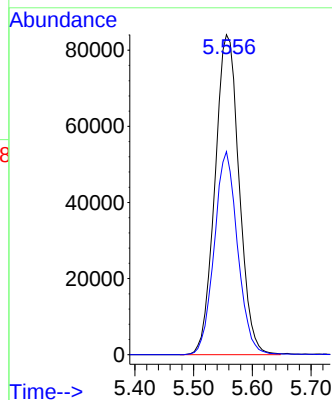
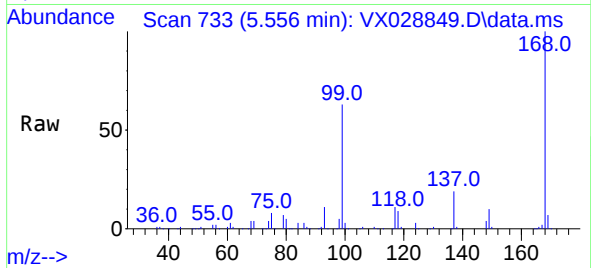




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028849.D
Acq: 20 May 2022 14:36

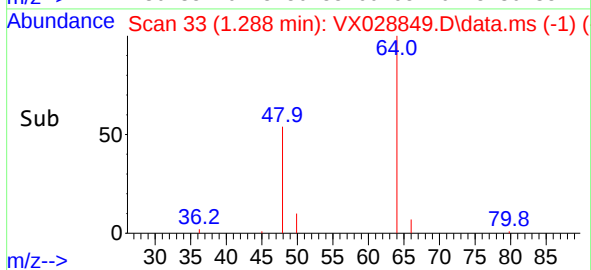
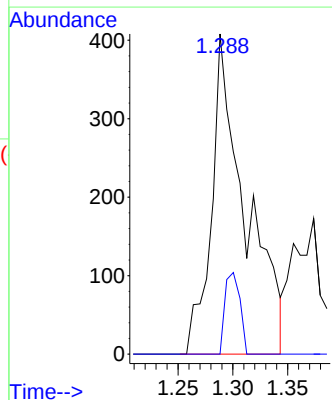
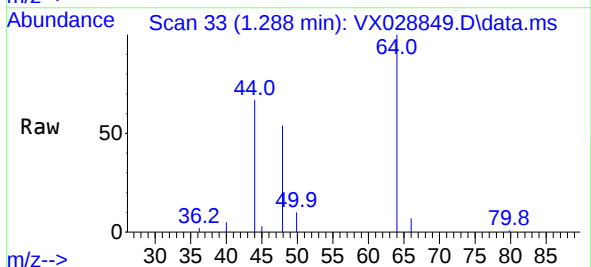
Instrument :
MSVOA_X
ClientSampleId :
MW-14

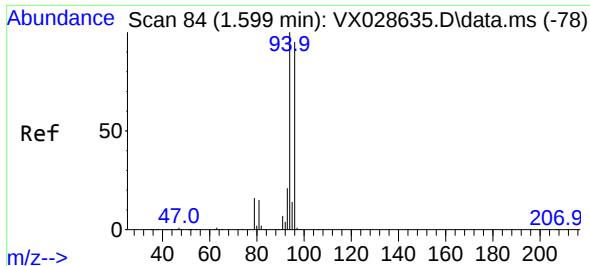
Tgt Ion:168 Resp: 240150
Ion Ratio Lower Upper
168 100
99 63.4 41.7 62.5#



#3
Chloromethane
Concen: 0.296 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX028849.D
Acq: 20 May 2022 14:36

Tgt Ion: 50 Resp: 876
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

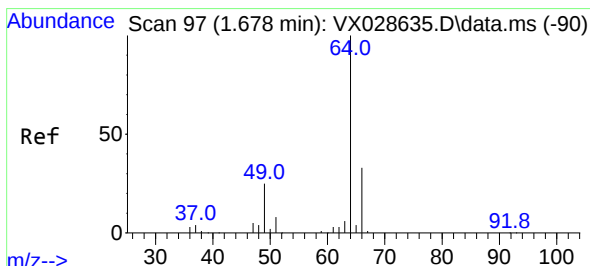
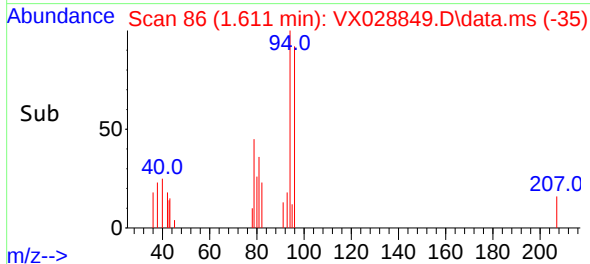
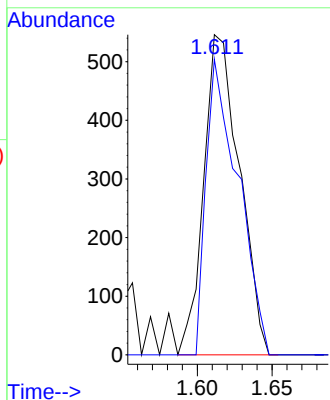
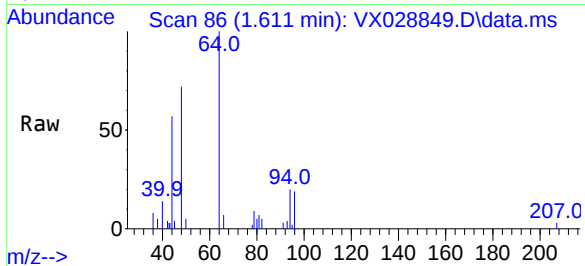




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX028849.D
Acq: 20 May 2022 14:36

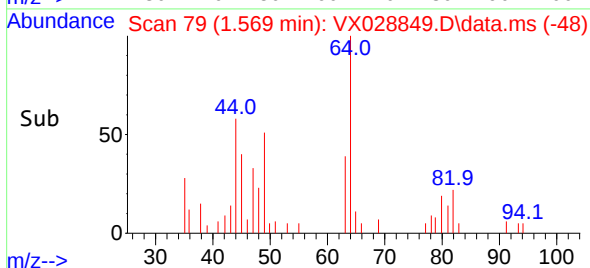
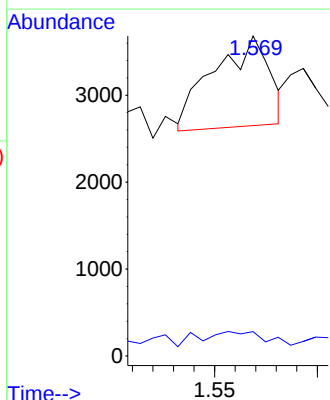
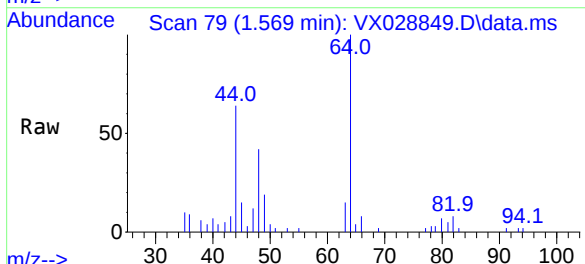
Instrument :
MSVOA_X
ClientSampleId :
MW-14

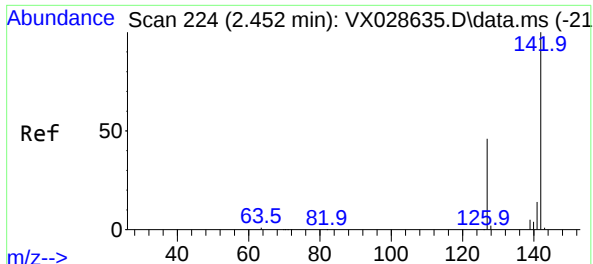
Tgt Ion: 94 Resp: 910
Ion Ratio Lower Upper
94 100
96 92.3 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.569 min Scan# 79
Delta R.T. -0.109 min
Lab File: VX028849.D
Acq: 20 May 2022 14:36

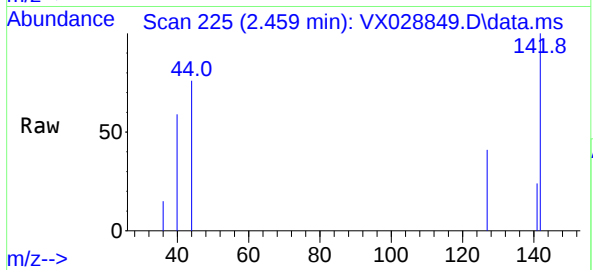
Tgt Ion: 64 Resp: 1978
Ion Ratio Lower Upper
64 100
66 17.1 25.3 37.9#



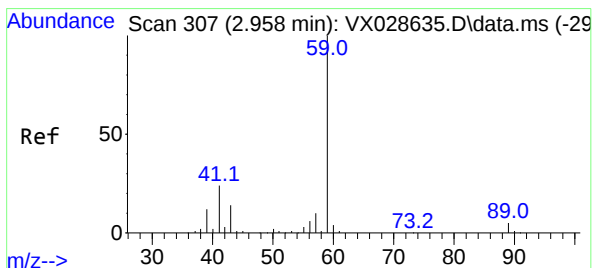
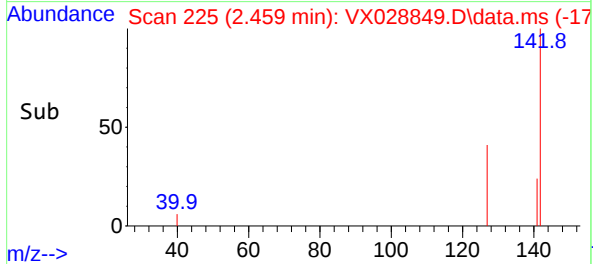
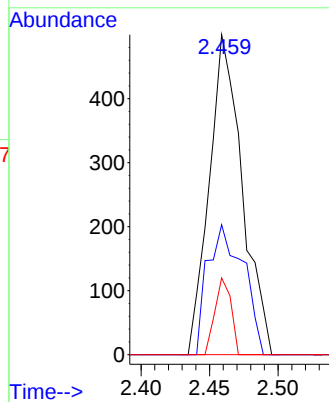


#10
Methyl Iodide
Concen: 0.261 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX028849.D
Acq: 20 May 2022 14:36

Instrument :
MSVOA_X
ClientSampleId :
MW-14

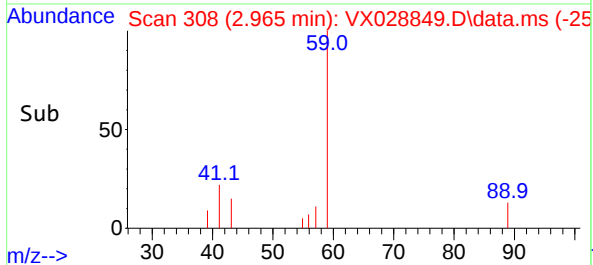
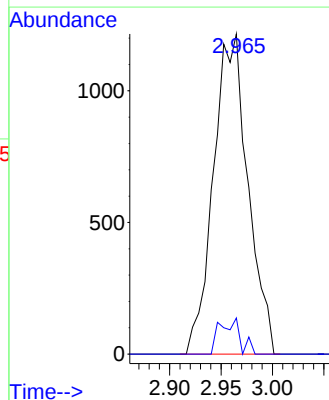
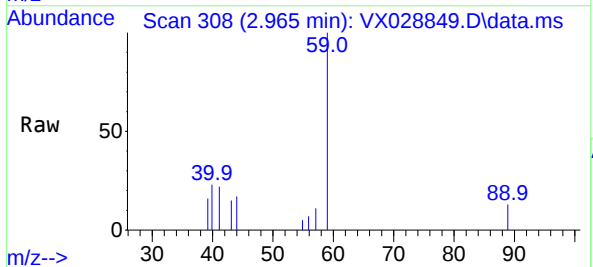


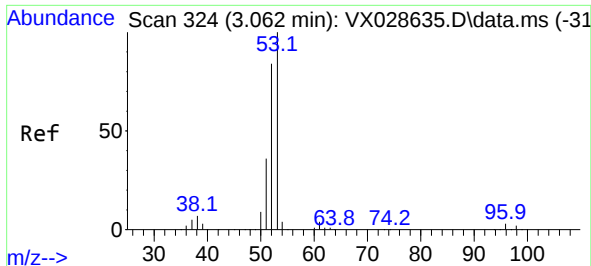
Tgt Ion:142 Resp: 836
Ion Ratio Lower Upper
142 100
127 43.9 33.9 50.9
141 11.7 11.4 17.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.965 min Scan# 308
Delta R.T. 0.007 min
Lab File: VX028849.D
Acq: 20 May 2022 14:36

Tgt Ion: 59 Resp: 2837
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

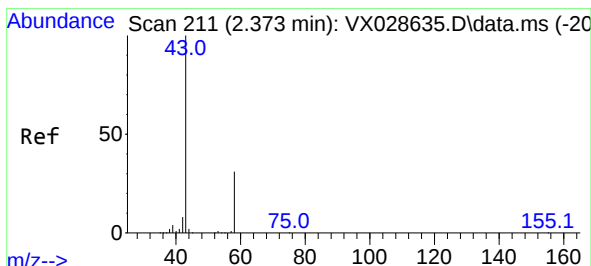
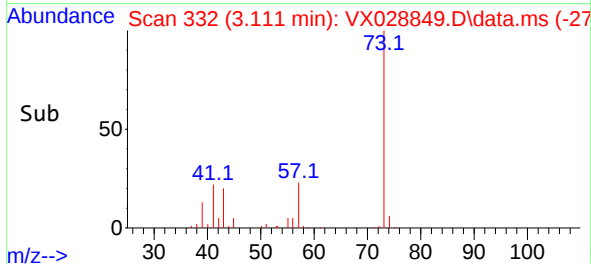
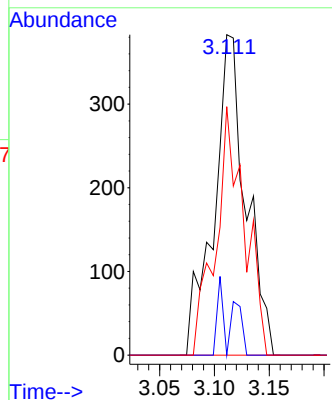
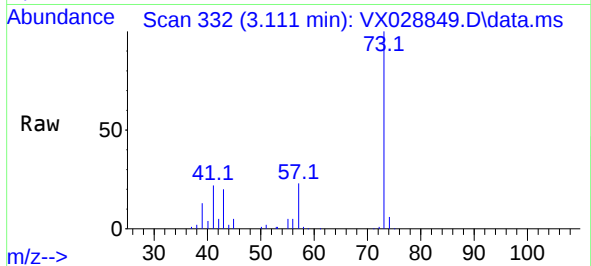




#15
Acrylonitrile
Concen: 0.493 ug/l
RT: 3.111 min Scan# 31
Delta R.T. 0.049 min
Lab File: VX028849.D
Acq: 20 May 2022 14:36

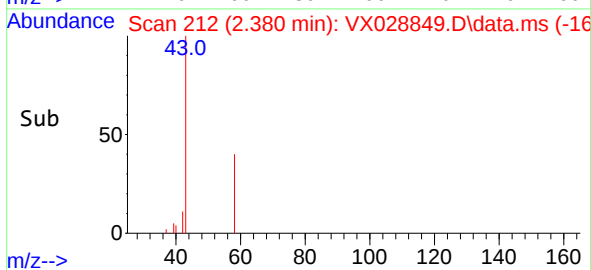
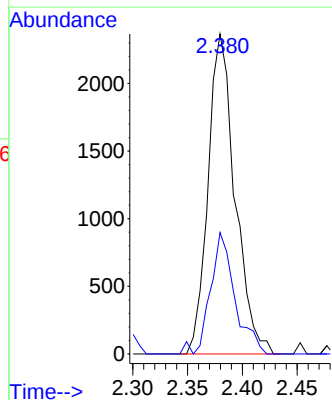
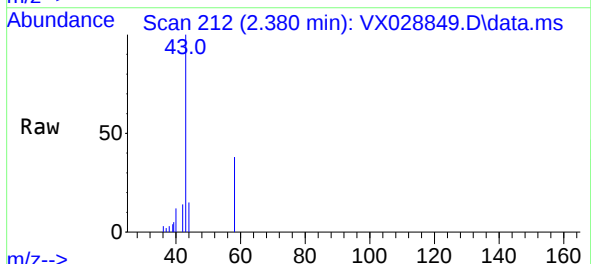
Instrument :
MSVOA_X
ClientSampleId :
MW-14

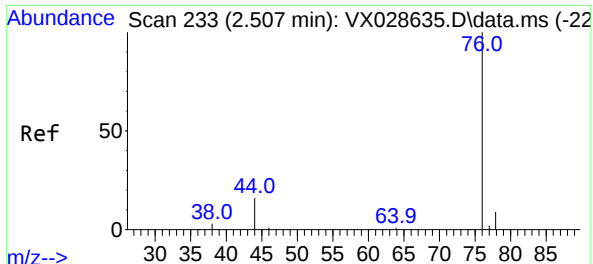
Tgt Ion: 53 Resp: 782
Ion Ratio Lower Upper
53 100
52 4.3 65.7 98.5#
51 69.4 28.4 42.6#



#16
Acetone
Concen: 2.861 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX028849.D
Acq: 20 May 2022 14:36

Tgt Ion: 43 Resp: 4042
Ion Ratio Lower Upper
43 100
58 38.0 28.8 43.2





#17

Carbon Disulfide

Concen: 0.575 ug/l

RT: 2.520 min Scan# 21

Delta R.T. 0.013 min

Lab File: VX028849.D

Acq: 20 May 2022 14:36

Instrument :

MSVOA_X

ClientSampleId :

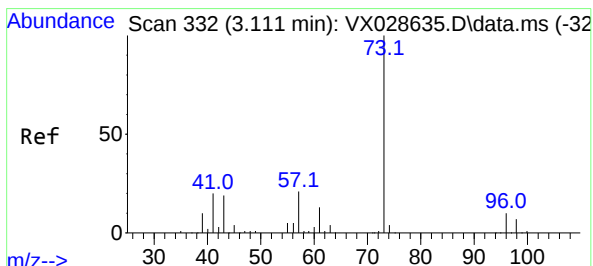
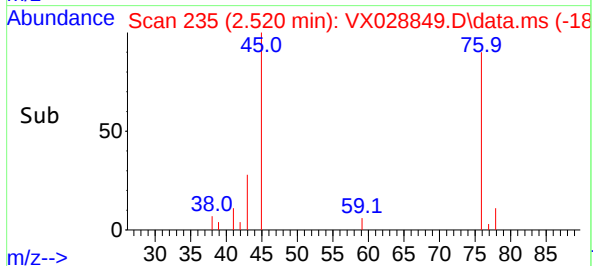
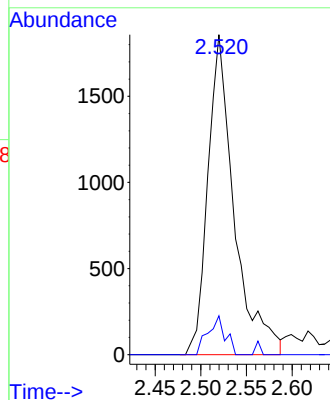
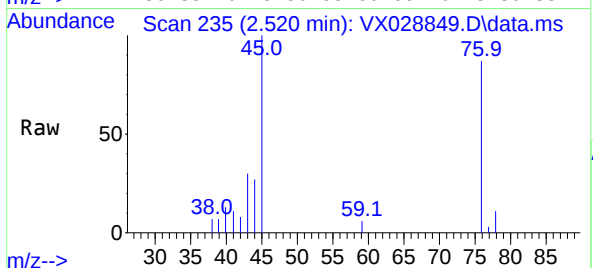
MW-14

Tgt Ion: 76 Resp: 3702

Ion Ratio Lower Upper

76 100

78 12.2 7.2 10.8#



#19

Methyl tert-butyl Ether

Concen: 4.675 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.006 min

Lab File: VX028849.D

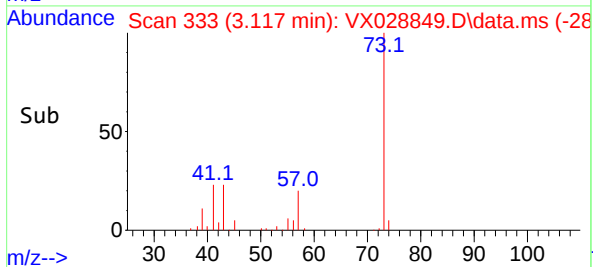
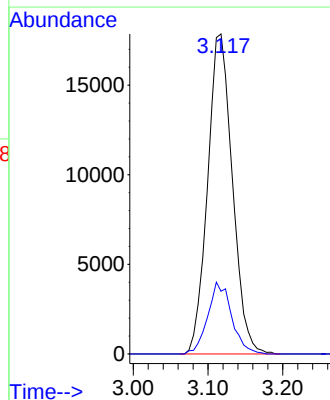
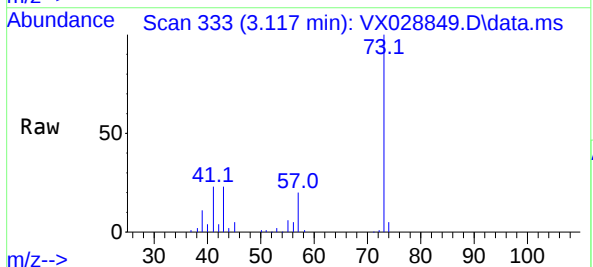
Acq: 20 May 2022 14:36

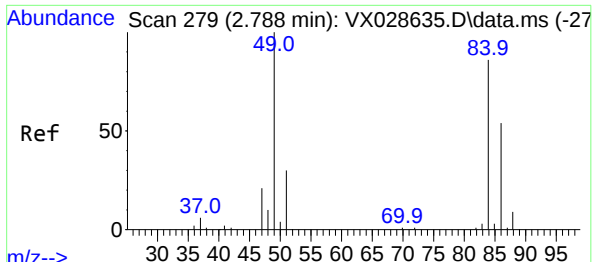
Tgt Ion: 73 Resp: 41233

Ion Ratio Lower Upper

73 100

57 19.6 16.8 25.2





#20

Methylene Chloride

Concen: 0.236 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX028849.D

Acq: 20 May 2022 14:36

Instrument :

MSVOA_X

ClientSampleId :

MW-14

Tgt Ion: 84 Resp: 699

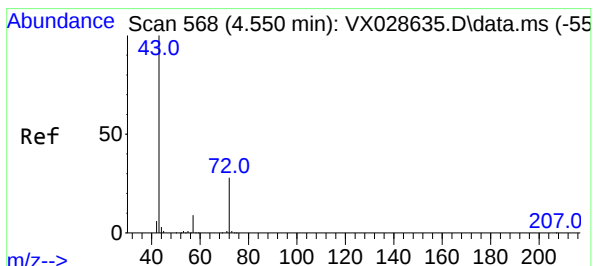
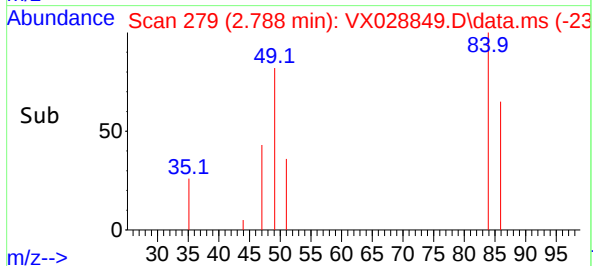
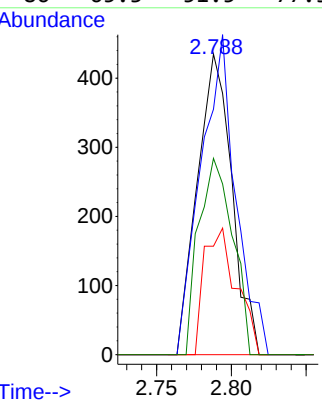
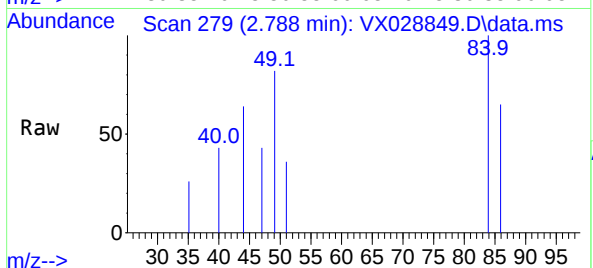
Ion Ratio Lower Upper

84 100

49 81.6 85.5 128.3#

51 36.1 26.6 39.8

86 65.3 51.5 77.3



#25

2-Butanone

Concen: 0.206 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.024 min

Lab File: VX028849.D

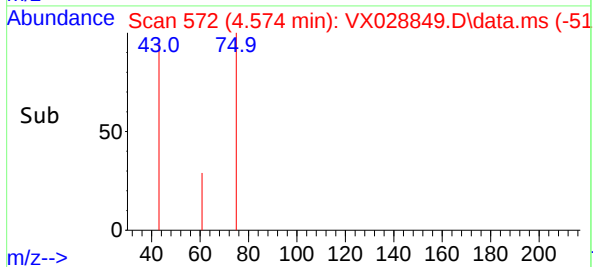
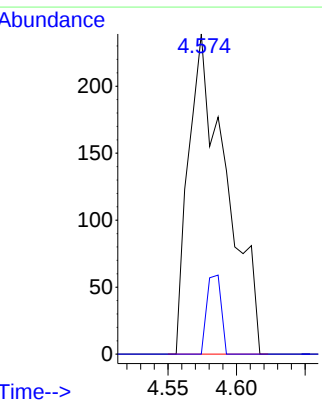
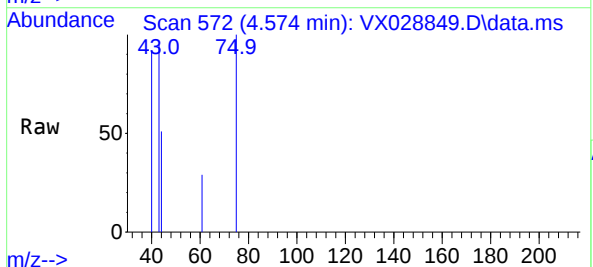
Acq: 20 May 2022 14:36

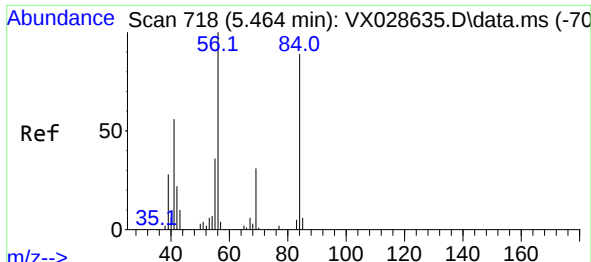
Tgt Ion: 43 Resp: 456

Ion Ratio Lower Upper

43 100

72 0.0 24.4 36.6#

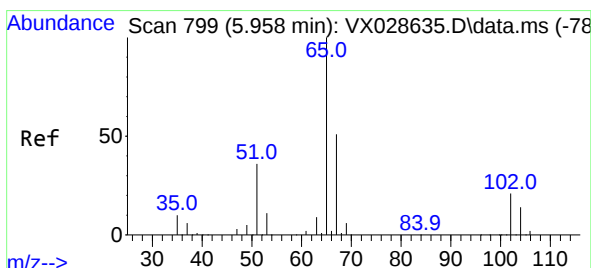
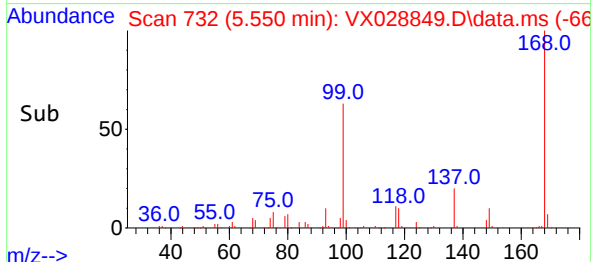
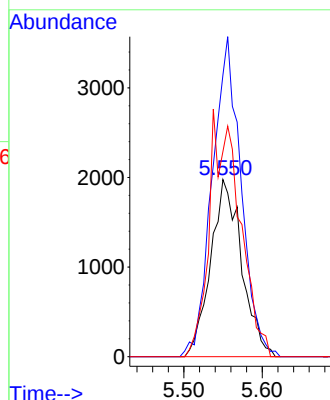
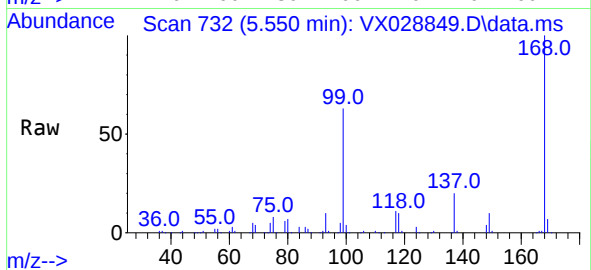




#31
Cyclohexane
Concen: 1.192 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.086 min
Lab File: VX028849.D
Acq: 20 May 2022 14:36

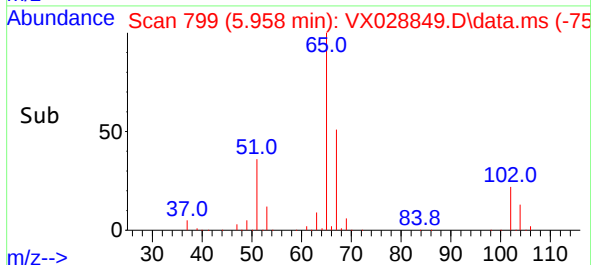
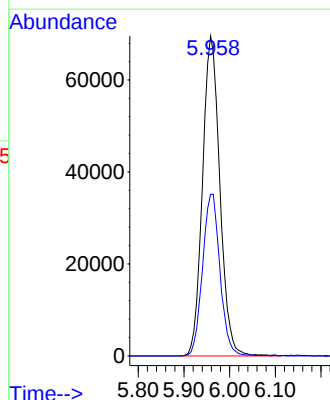
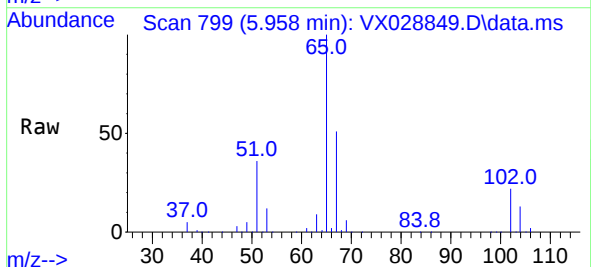
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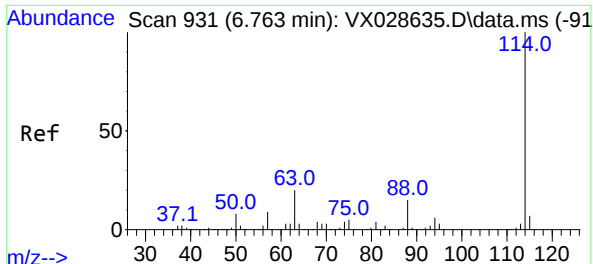
Tgt Ion: 56 Resp: 5446
Ion Ratio Lower Upper
56 100
69 158.9 26.7 40.1#
84 115.7 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 55.905 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028849.D
Acq: 20 May 2022 14:36

Tgt Ion: 65 Resp: 184035
Ion Ratio Lower Upper
65 100
67 50.7 0.0 107.4

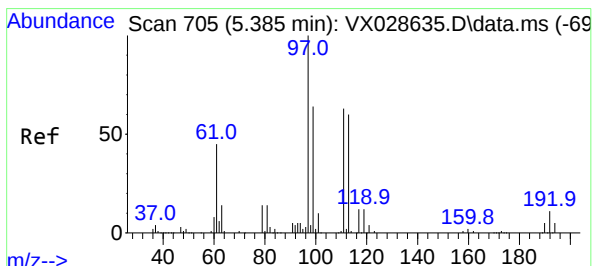
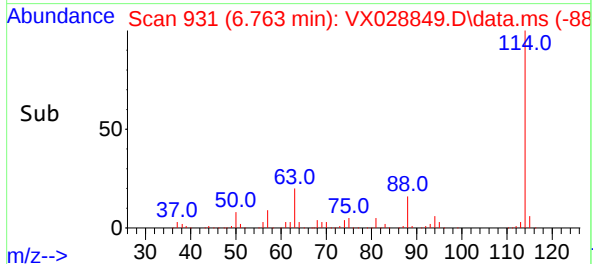
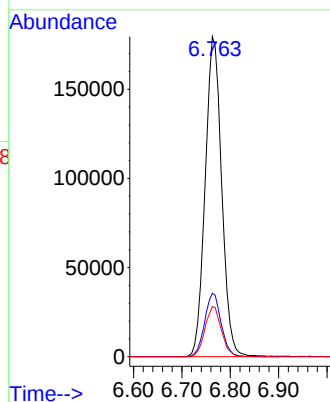
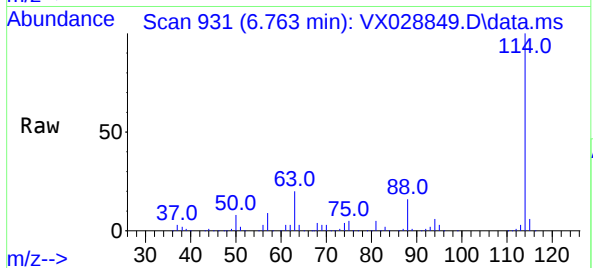




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028849.D
Acq: 20 May 2022 14:36

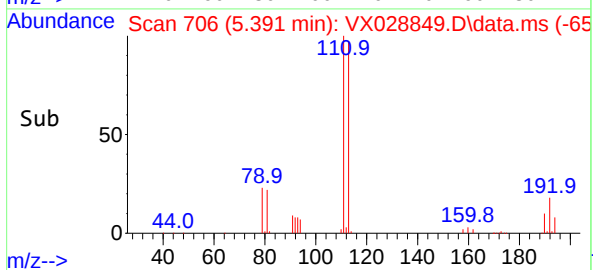
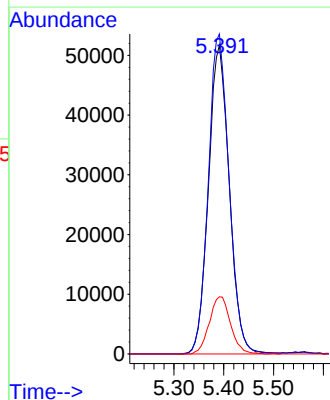
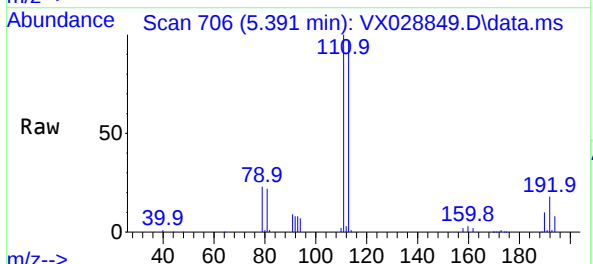
Instrument :
MSVOA_X
ClientSampleId :
MW-14

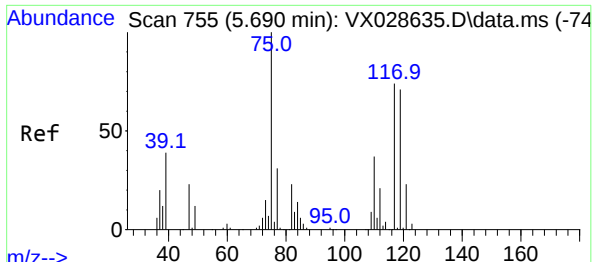
Tgt Ion:114 Resp: 425654
Ion Ratio Lower Upper
114 100
63 19.8 0.0 36.8
88 15.7 0.0 32.4



#35
Dibromofluoromethane
Concen: 53.817 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028849.D
Acq: 20 May 2022 14:36

Tgt Ion:113 Resp: 150086
Ion Ratio Lower Upper
113 100
111 103.3 82.8 124.2
192 18.8 16.9 25.3

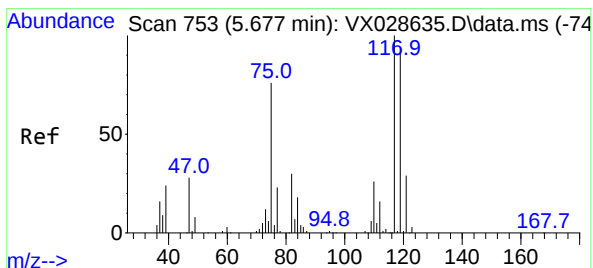
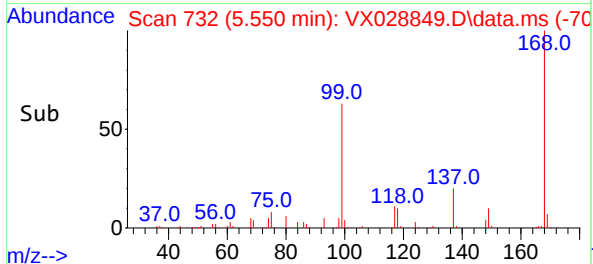
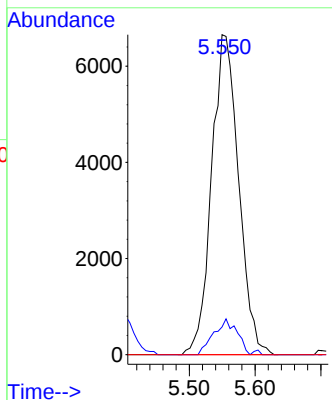
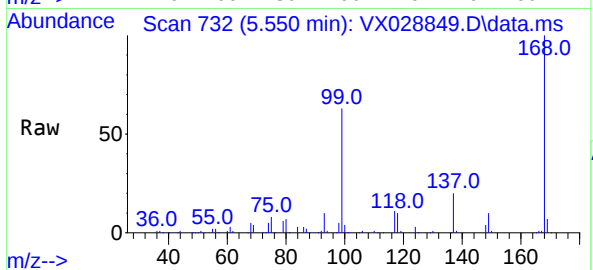




#36
1,1-Dichloropropene
Concen: 4.545 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX028849.D
Acq: 20 May 2022 14:36

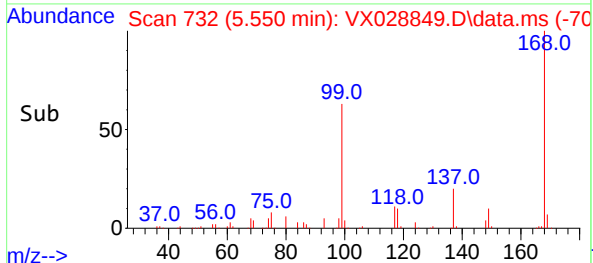
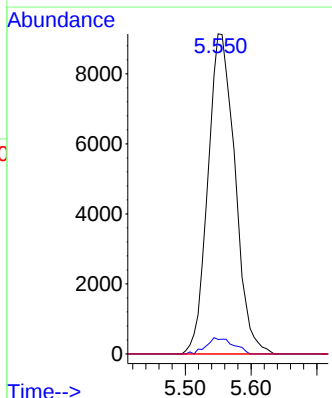
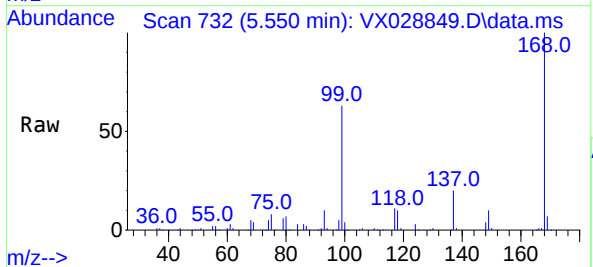
Instrument :
MSVOA_X
ClientSampleId :
MW-14

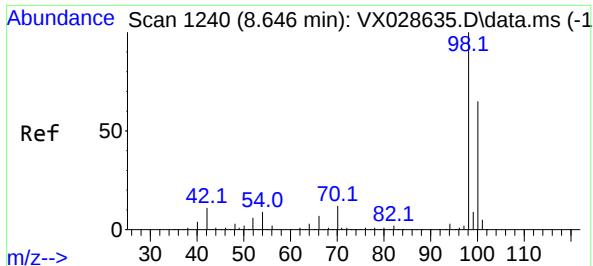
Tgt Ion: 75 Resp: 19036
Ion Ratio Lower Upper
75 100
110 9.6 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.208 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.127 min
Lab File: VX028849.D
Acq: 20 May 2022 14:36

Tgt Ion: 117 Resp: 26171
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 24.2 36.2#

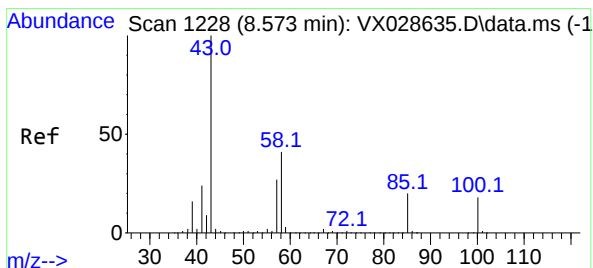
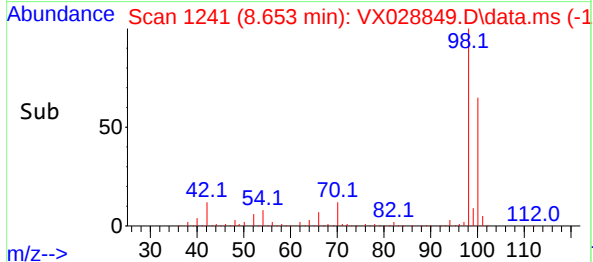
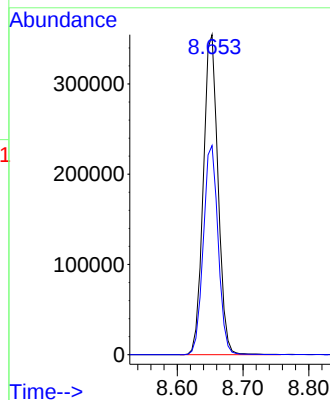
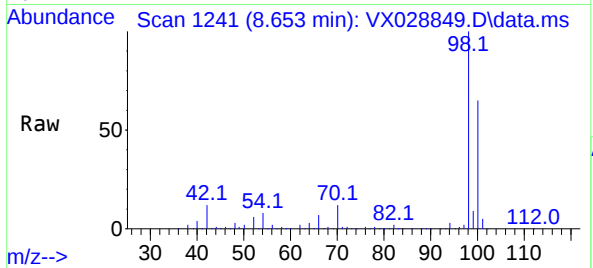




#50
Toluene-d8
Concen: 52.449 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028849.D
Acq: 20 May 2022 14:36

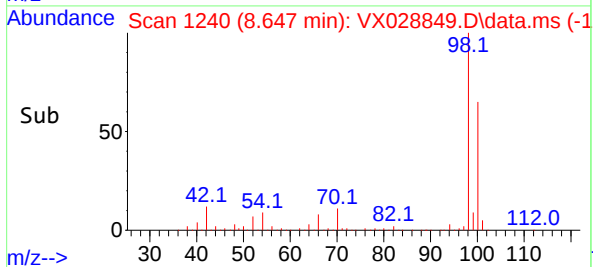
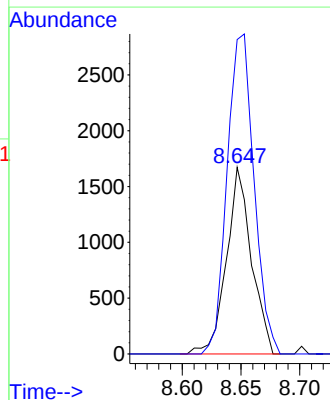
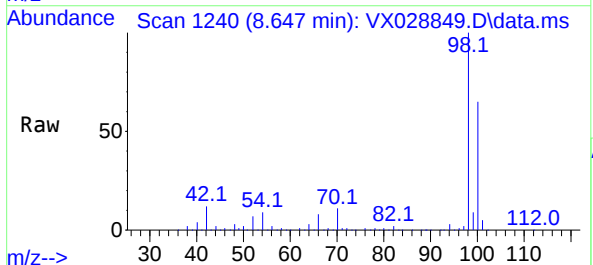
Instrument :
MSVOA_X
ClientSampleId :
MW-14

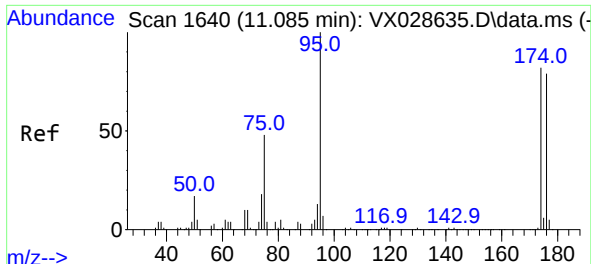
Tgt Ion: 98 Resp: 551473
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.548 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX028849.D
Acq: 20 May 2022 14:36

Tgt Ion: 43 Resp: 2472
Ion Ratio Lower Upper
43 100
58 185.0 36.1 54.1#

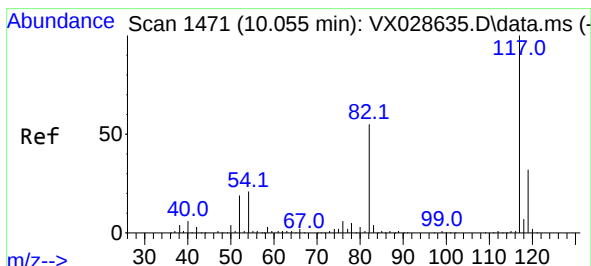
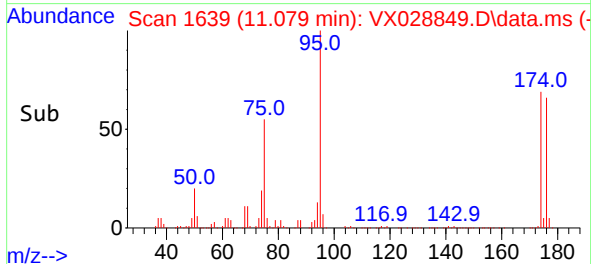
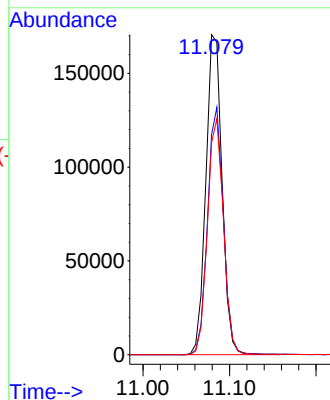
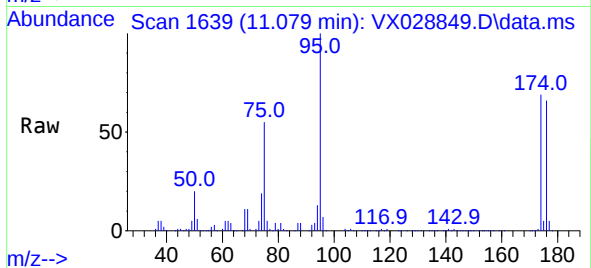




#62
4-Bromofluorobenzene
Concen: 56.527 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028849.D
Acq: 20 May 2022 14:36

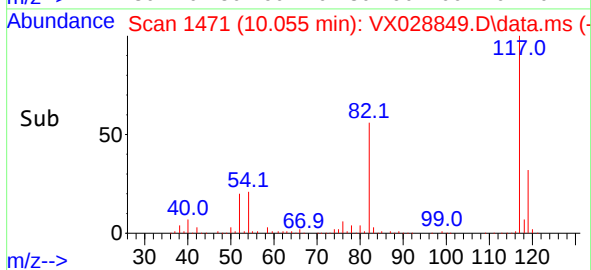
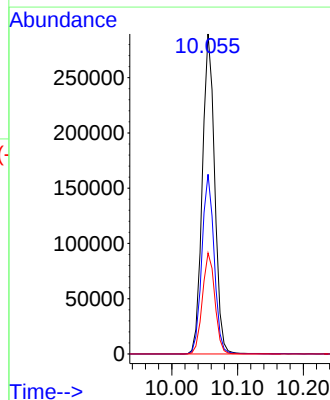
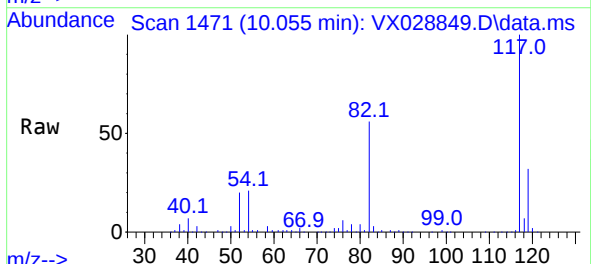
Instrument :
MSVOA_X
ClientSampleId :
MW-14

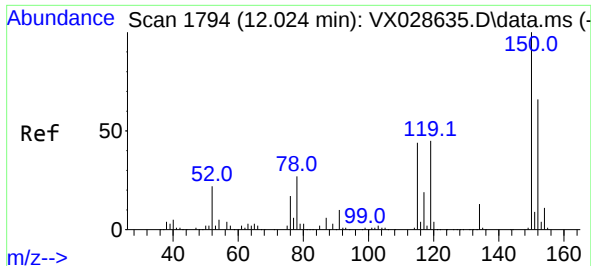
Tgt Ion: 95 Resp: 221992
Ion Ratio Lower Upper
95 100
174 75.5 0.0 163.0
176 72.8 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028849.D
Acq: 20 May 2022 14:36

Tgt Ion: 117 Resp: 377358
Ion Ratio Lower Upper
117 100
82 56.1 41.8 62.8
119 31.6 24.8 37.2

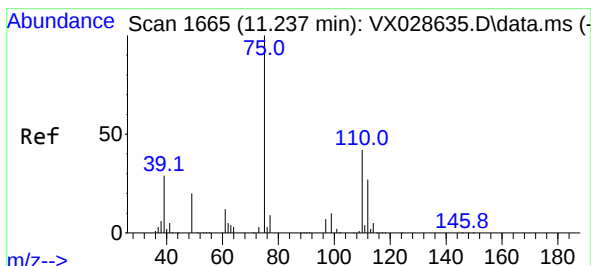
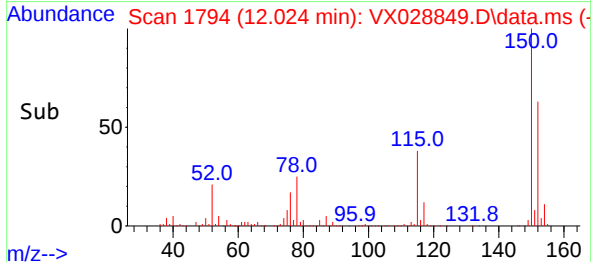
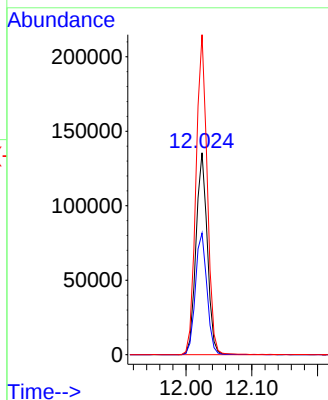
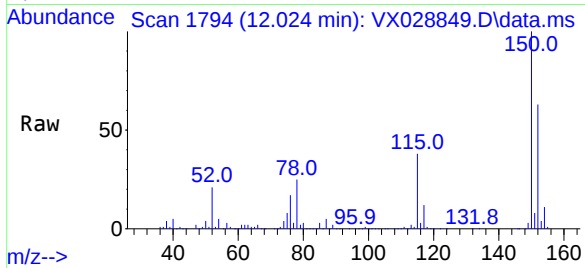




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028849.D
Acq: 20 May 2022 14:36

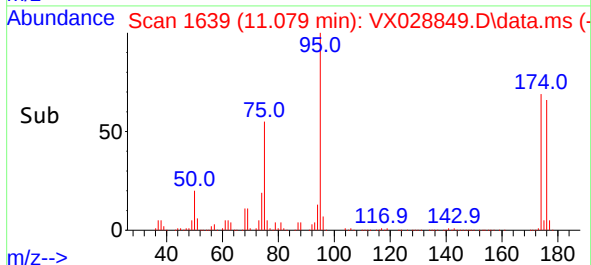
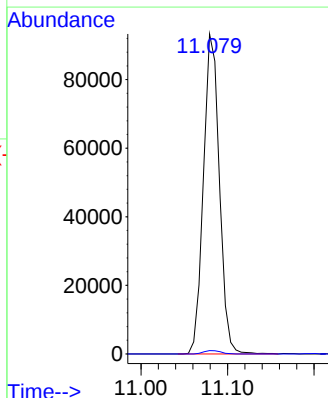
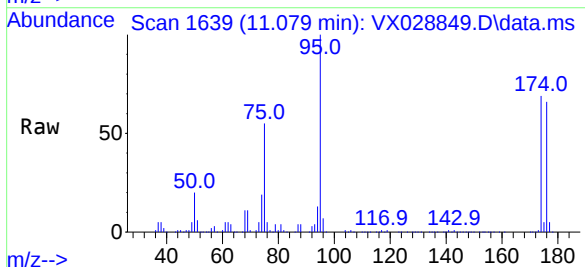
Instrument :
MSVOA_X
ClientSampleId :
MW-14

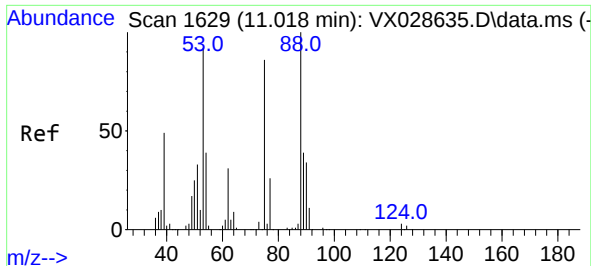
Tgt Ion:152 Resp: 161112
Ion Ratio Lower Upper
152 100
115 61.6 37.5 112.7
150 157.8 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 31.651 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028849.D
Acq: 20 May 2022 14:36

Tgt Ion: 75 Resp: 119423
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 90.985 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX028849.D
Acq: 20 May 2022 14:36

Instrument :
MSVOA_X
ClientSampleId :
MW-14

Tgt Ion: 75 Resp: 119423
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

