

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051922\
 Data File : VX028835.D
 Acq On : 19 May 2022 19:02
 Operator : JC/MD
 Sample : N2943-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-16R

Quant Time: May 20 01:50:09 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)

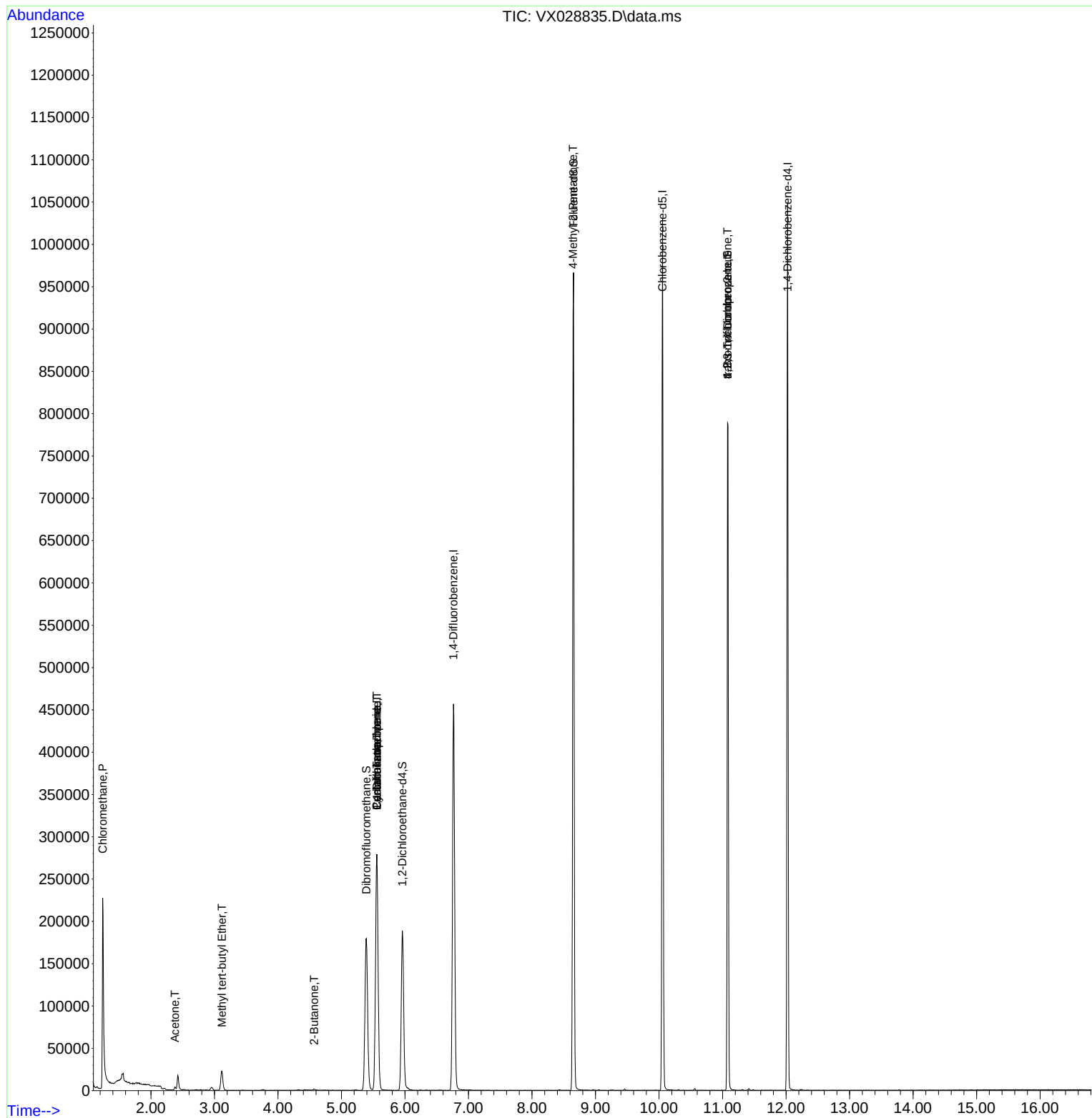
Internal Standards						
1) Pentafluorobenzene	5.556	168	255550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	467818	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	446610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	202943	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	181201	51.727	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.460%	
35) Dibromofluoromethane	5.391	113	156555	51.077	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.160%	
50) Toluene-d8	8.653	98	556316	48.141	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 96.280%	
62) 4-Bromofluorobenzene	11.079	95	208752	48.365	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 96.720%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.239	50	4725	1.499	ug/l #	42
5) Bromomethane	1.605	94	392	Below Cal	#	62
6) Chloroethane	1.648	64	954	Below Cal	#	43
11) Tert butyl alcohol	2.959	59	3807	Below Cal		100
16) Acetone	2.380	43	4107	2.732	ug/l #	87
19) Methyl tert-butyl Ether	3.117	73	25438	2.710	ug/l	95
25) 2-Butanone	4.568	43	2362	1.001	ug/l #	76
31) Cyclohexane	5.556	56	5937	1.221	ug/l #	21
36) 1,1-Dichloropropene	5.556	75	21034	4.569	ug/l #	49
38) Carbon Tetrachloride	5.556	117	27447	5.924	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2412	0.487	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	109831	23.109	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	109831	67.474	ug/l #	15

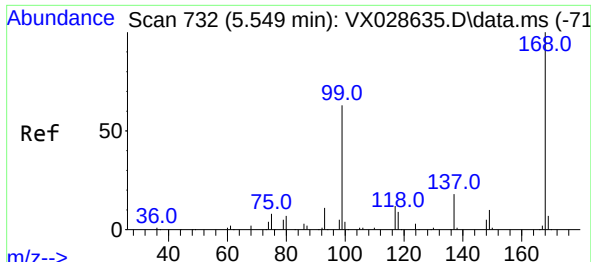
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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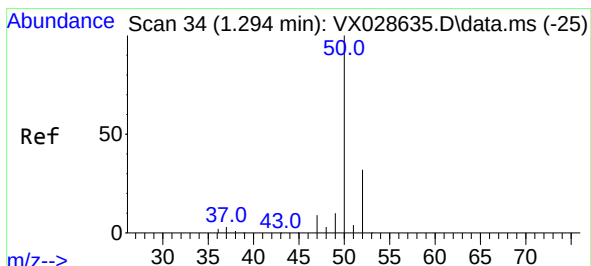
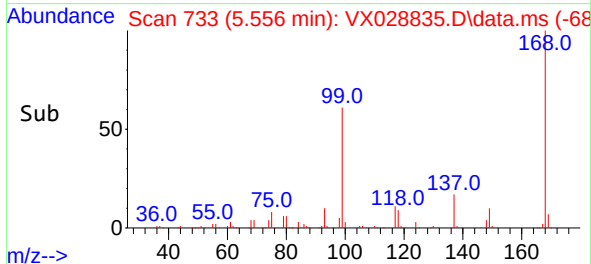
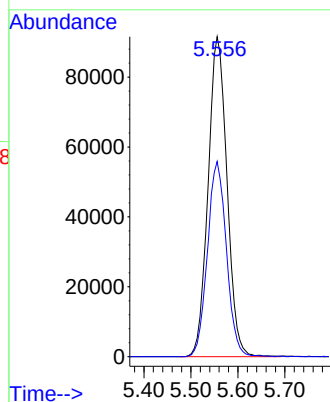
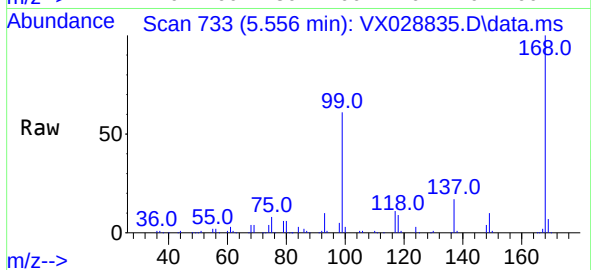




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028835.D
Acq: 19 May 2022 19:02

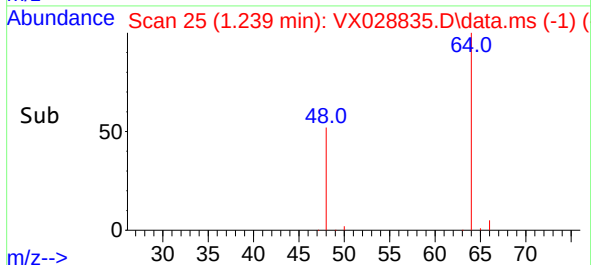
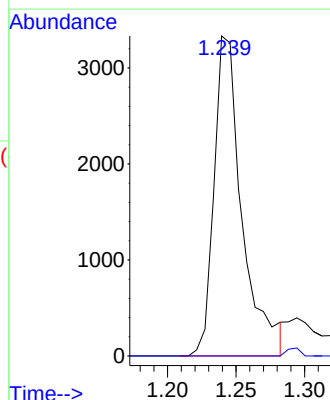
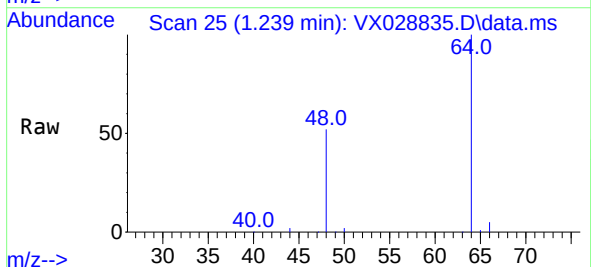
Instrument :
MSVOA_X
ClientSampleId :
MW-16R

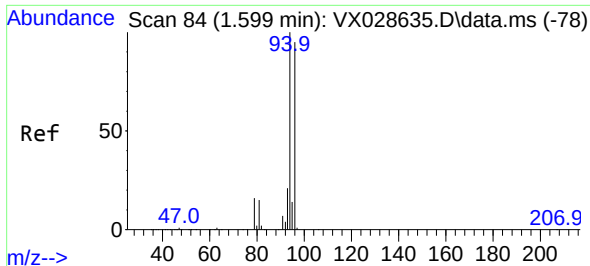
Tgt Ion:168 Resp: 255550
Ion Ratio Lower Upper
168 100
99 61.0 41.7 62.5



#3
Chloromethane
Concen: 1.499 ug/l
RT: 1.239 min Scan# 25
Delta R.T. -0.055 min
Lab File: VX028835.D
Acq: 19 May 2022 19:02

Tgt Ion: 50 Resp: 4725
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

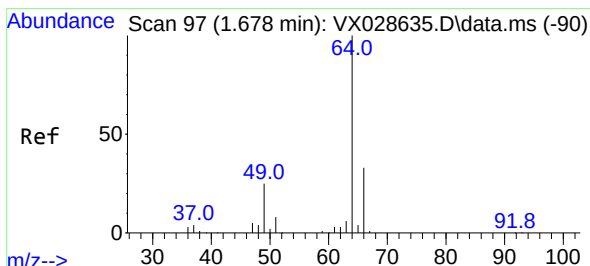
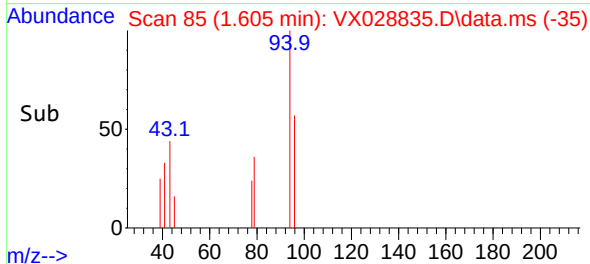
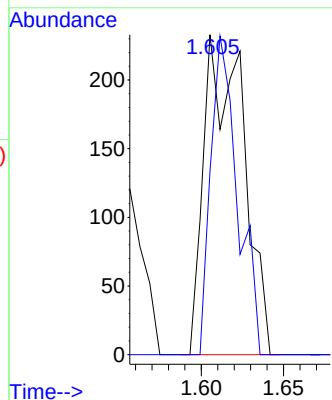
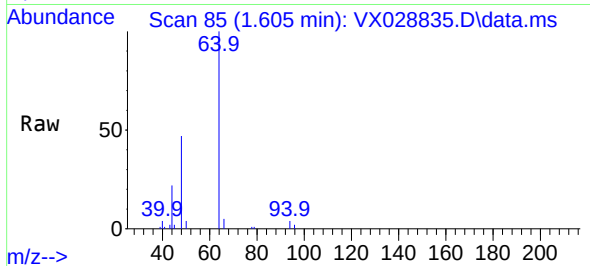




#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX028835.D
Acq: 19 May 2022 19:02

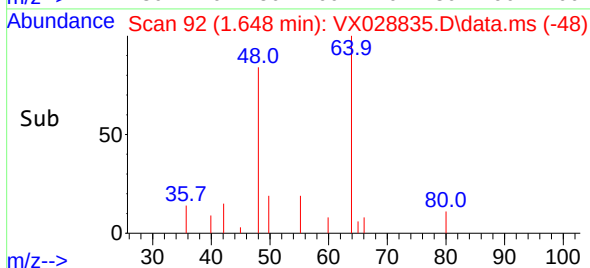
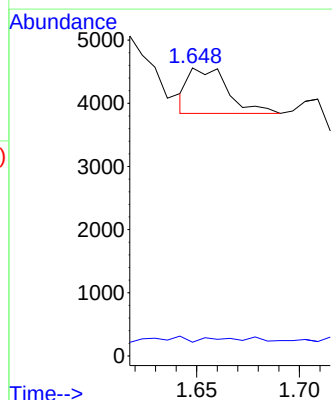
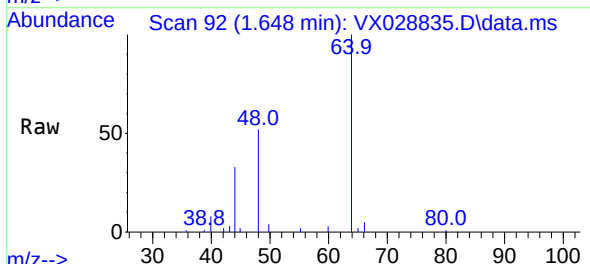
Instrument :
MSVOA_X
ClientSampleId :
MW-16R

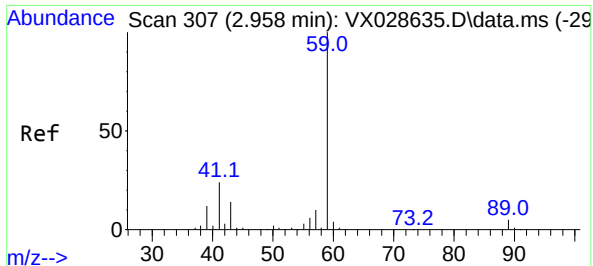
Tgt Ion: 94 Resp: 392
Ion Ratio Lower Upper
94 100
96 57.1 75.3 112.9#



#6
Chloroethane
Concen: Below Cal
RT: 1.648 min Scan# 92
Delta R.T. -0.030 min
Lab File: VX028835.D
Acq: 19 May 2022 19:02

Tgt Ion: 64 Resp: 954
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.959 min Scan# 307

Delta R.T. 0.001 min

Lab File: VX028835.D

Acq: 19 May 2022 19:02

Instrument :

MSVOA_X

ClientSampleId :

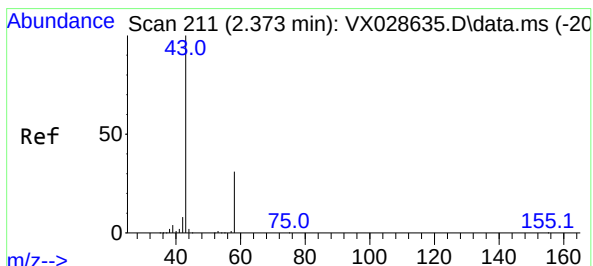
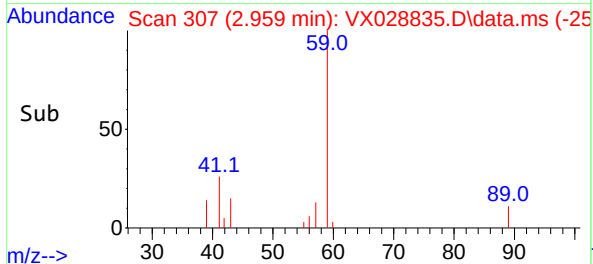
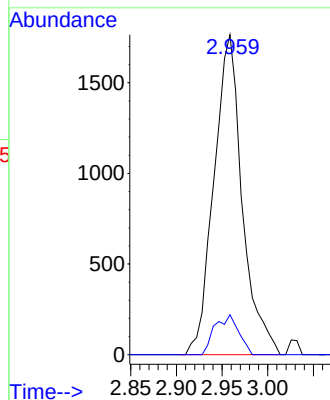
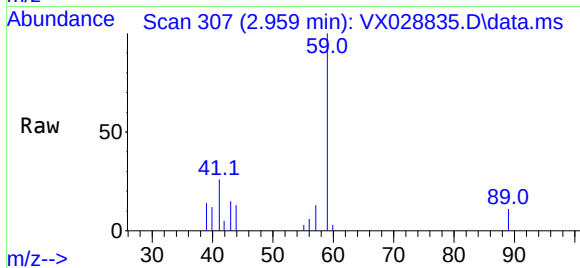
MW-16R

Tgt Ion: 59 Resp: 3807

Ion Ratio Lower Upper

59 100

57 10.5 8.3 12.5



#16

Acetone

Concen: 2.732 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.007 min

Lab File: VX028835.D

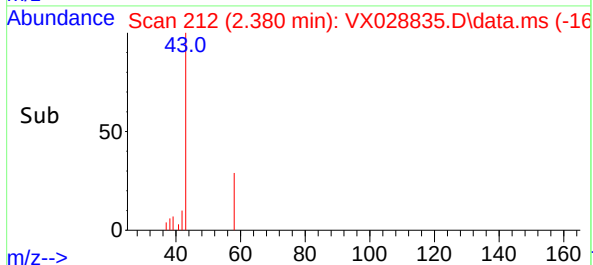
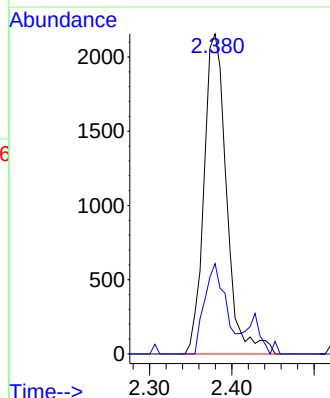
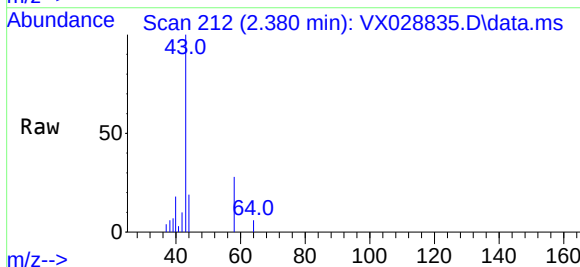
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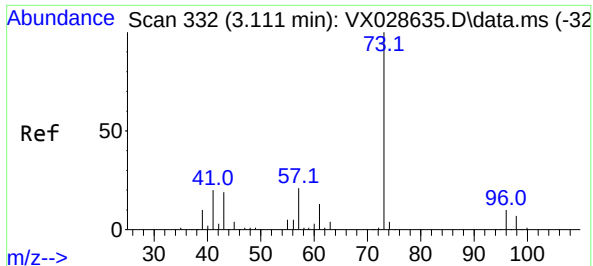
Tgt Ion: 43 Resp: 4107

Ion Ratio Lower Upper

43 100

58 28.3 28.8 43.2#

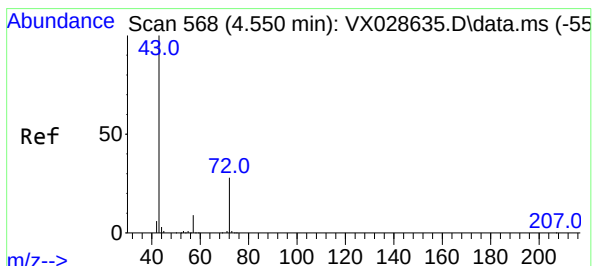
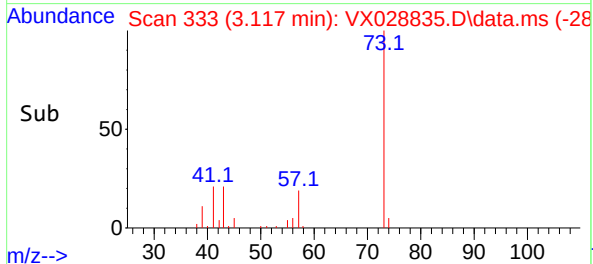
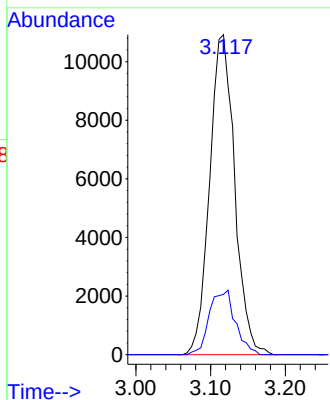
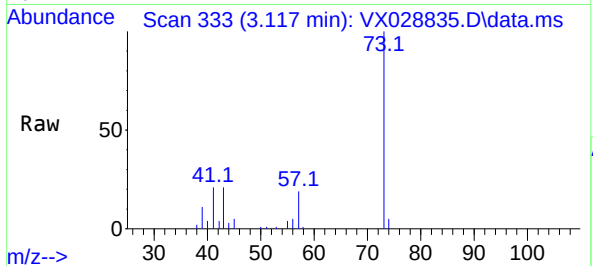




#19
Methyl tert-butyl Ether
Concen: 2.710 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX028835.D
Acq: 19 May 2022 19:02

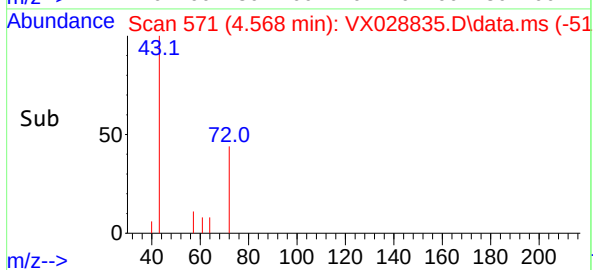
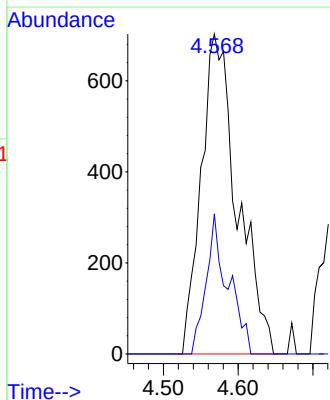
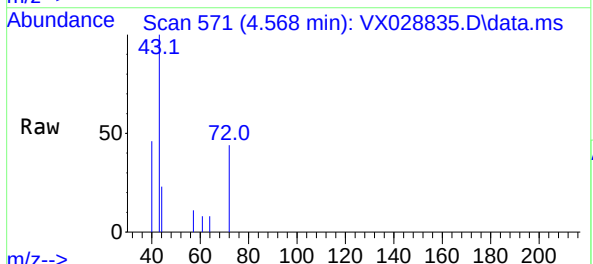
Instrument :
MSVOA_X
ClientSampleId :
MW-16R

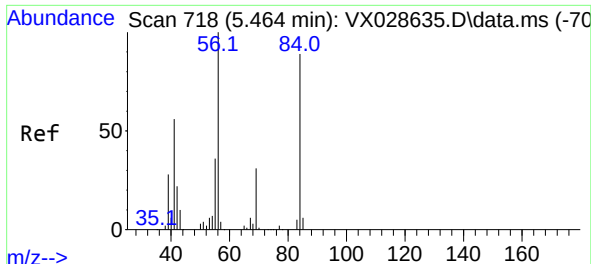
Tgt Ion: 73 Resp: 25438
Ion Ratio Lower Upper
73 100
57 18.8 16.8 25.2



#25
2-Butanone
Concen: 1.001 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.018 min
Lab File: VX028835.D
Acq: 19 May 2022 19:02

Tgt Ion: 43 Resp: 2362
Ion Ratio Lower Upper
43 100
72 43.8 24.4 36.6#

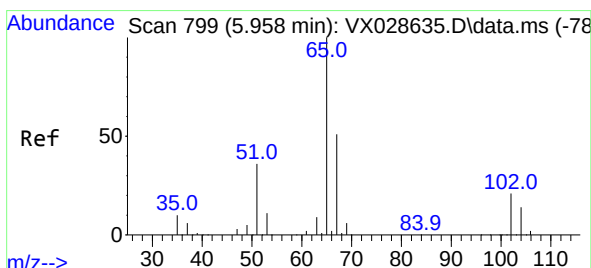
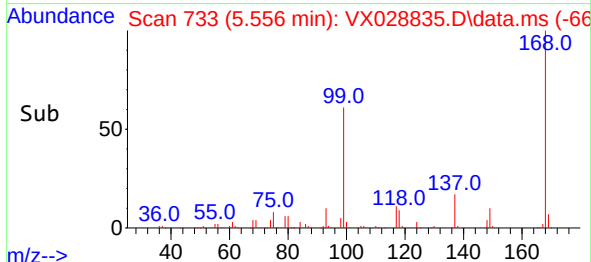
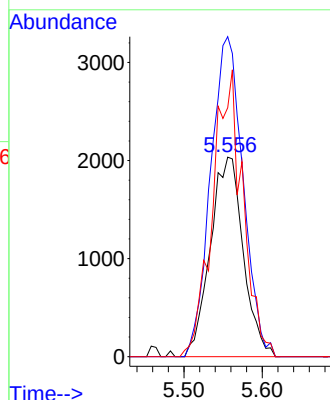
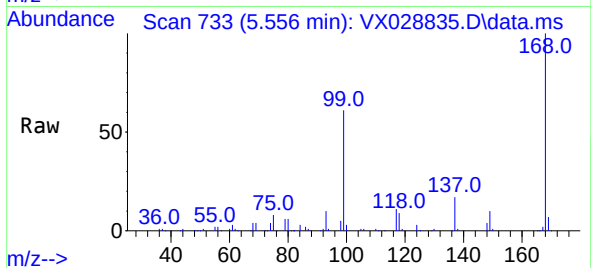




#31
Cyclohexane
Concen: 1.221 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX028835.D
Acq: 19 May 2022 19:02

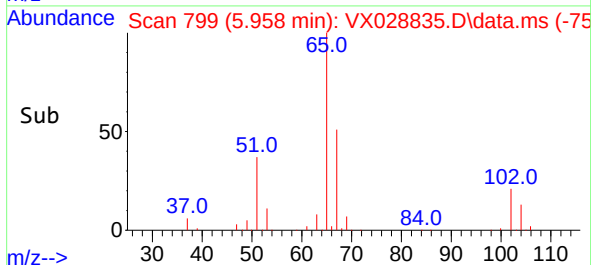
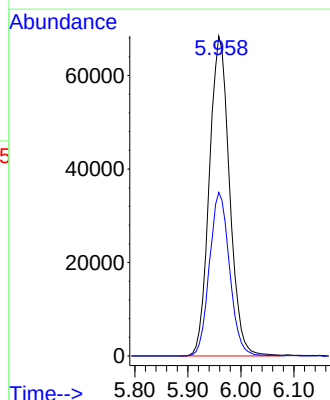
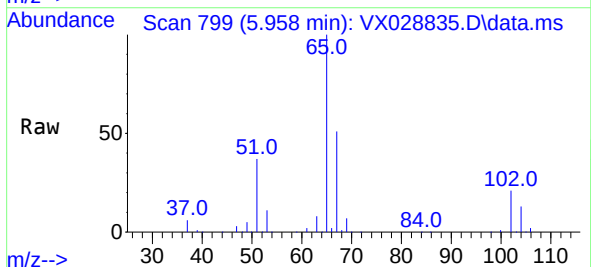
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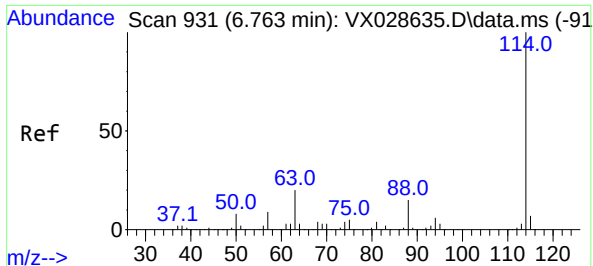
Tgt Ion: 56 Resp: 5937
Ion Ratio Lower Upper
56 100
69 160.4 26.7 40.1#
84 124.8 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 51.727 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028835.D
Acq: 19 May 2022 19:02

Tgt Ion: 65 Resp: 181201
Ion Ratio Lower Upper
65 100
67 50.8 0.0 107.4

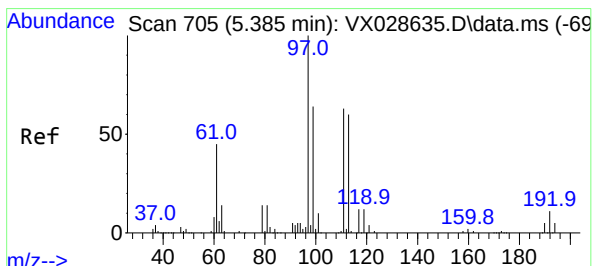
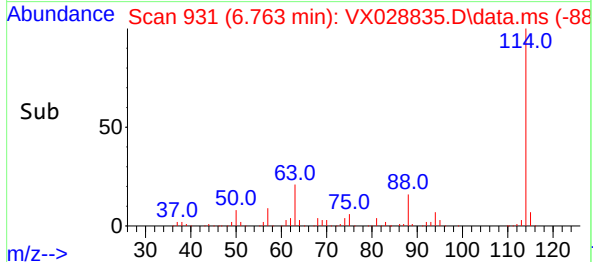
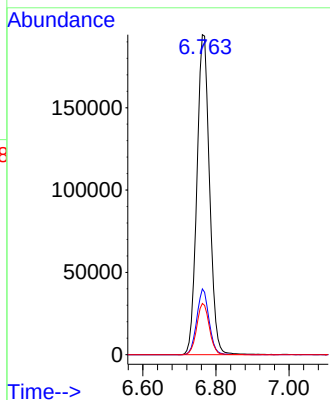
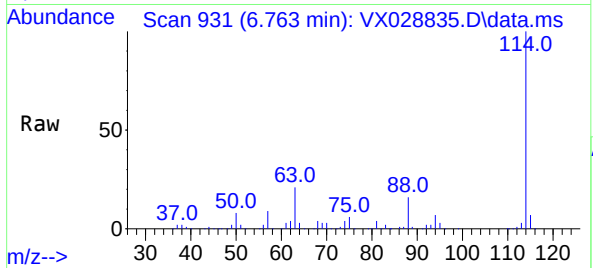




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028835.D
Acq: 19 May 2022 19:02

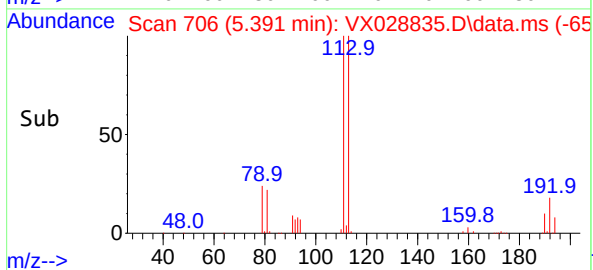
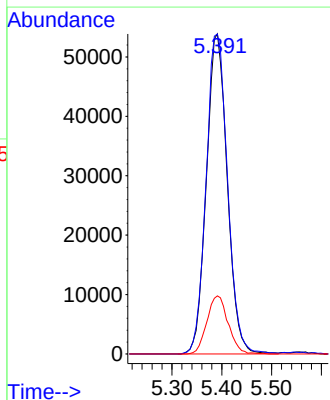
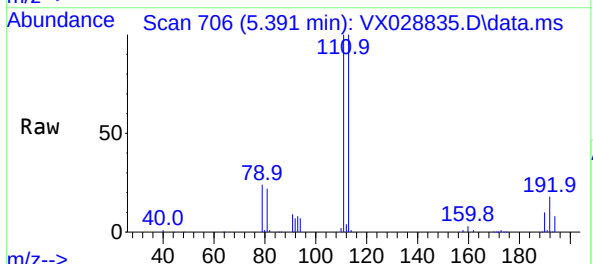
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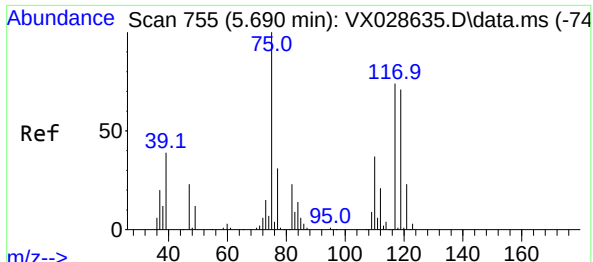
Tgt Ion:114 Resp: 467818
Ion Ratio Lower Upper
114 100
63 20.5 0.0 36.8
88 16.0 0.0 32.4



#35
Dibromofluoromethane
Concen: 51.077 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028835.D
Acq: 19 May 2022 19:02

Tgt Ion:113 Resp: 156555
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 18.5 16.9 25.3

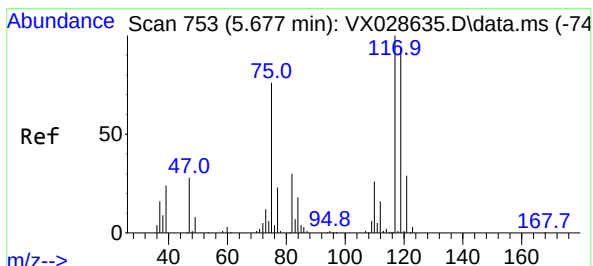
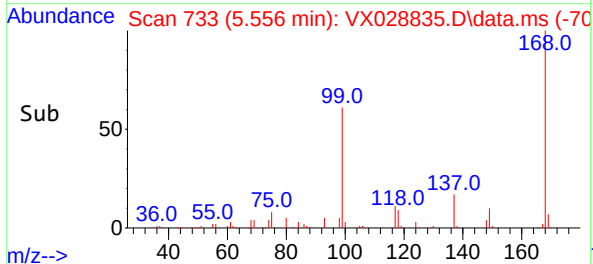
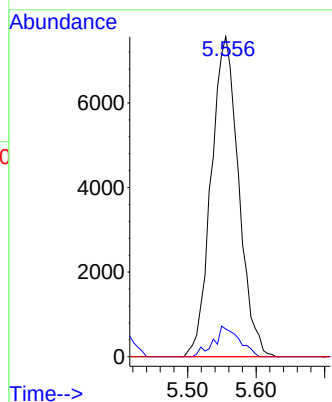
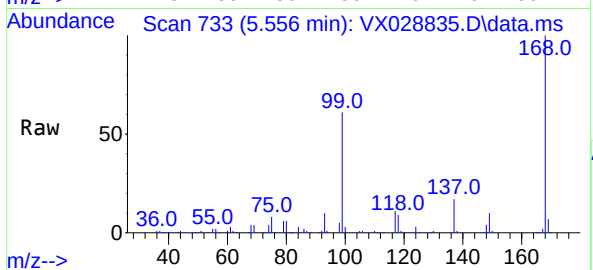




#36
1,1-Dichloropropene
Concen: 4.569 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX028835.D
Acq: 19 May 2022 19:02

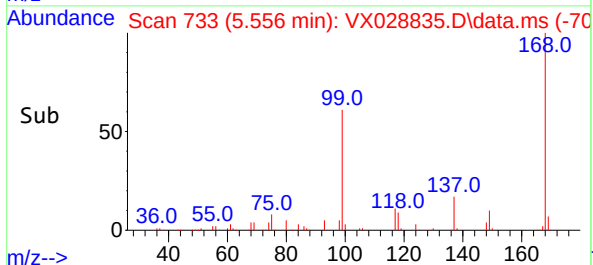
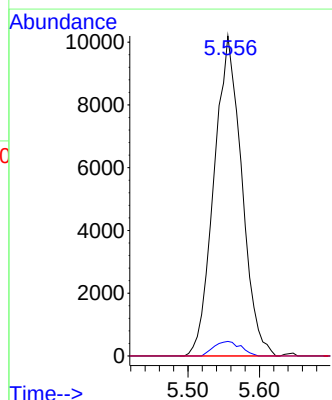
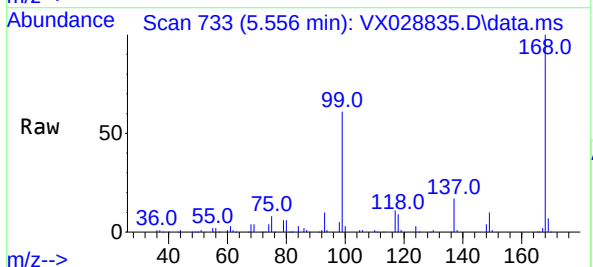
Instrument :
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MW-16R

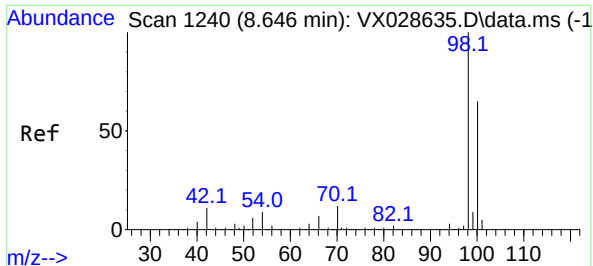
Tgt Ion: 75 Resp: 21034
Ion Ratio Lower Upper
75 100
110 8.8 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.924 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX028835.D
Acq: 19 May 2022 19:02

Tgt Ion: 117 Resp: 27447
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 48.141 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.007 min

Lab File: VX028835.D

Acq: 19 May 2022 19:02

Instrument :

MSVOA_X

ClientSampleId :

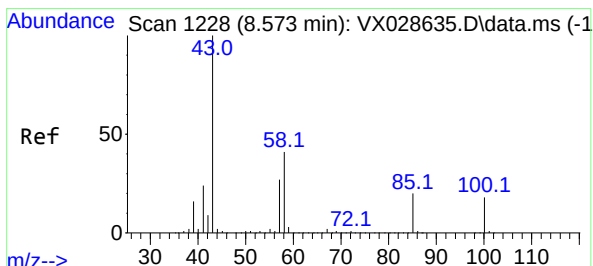
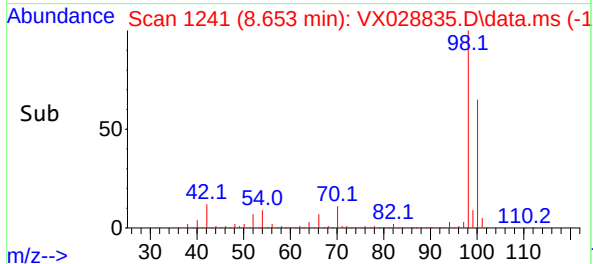
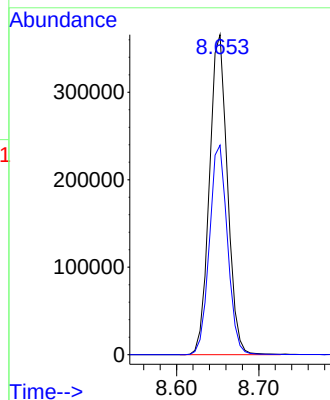
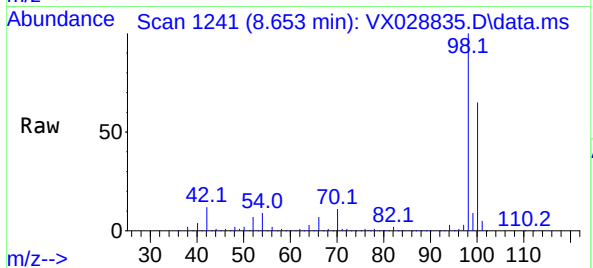
MW-16R

Tgt Ion: 98 Resp: 556316

Ion Ratio Lower Upper

98 100

100 65.7 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.487 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.074 min

Lab File: VX028835.D

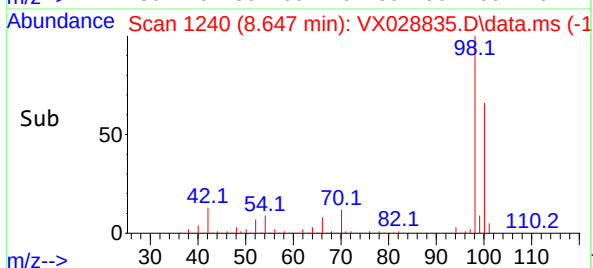
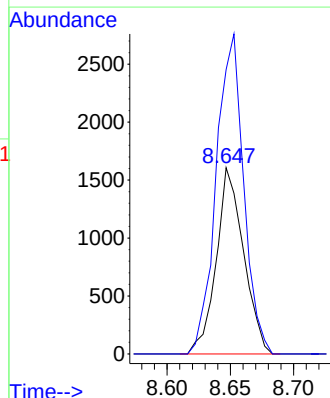
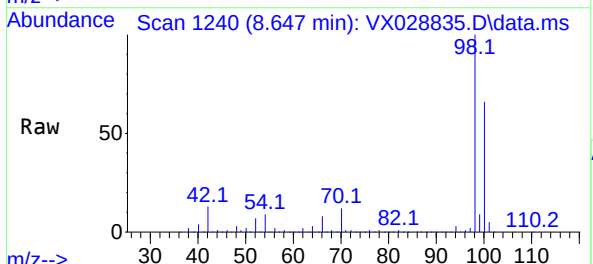
Acq: 19 May 2022 19:02

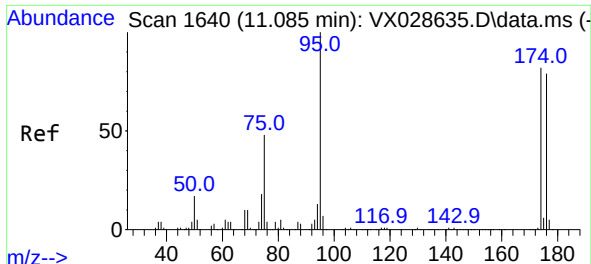
Tgt Ion: 43 Resp: 2412

Ion Ratio Lower Upper

43 100

58 172.8 36.1 54.1#

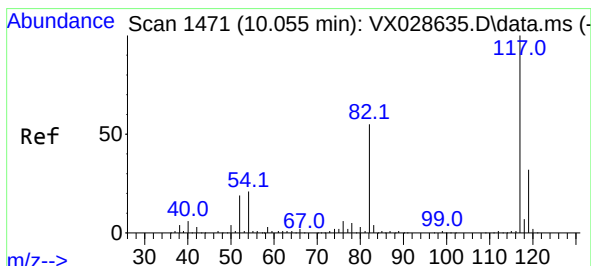
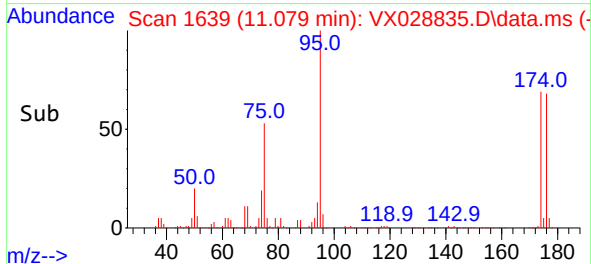
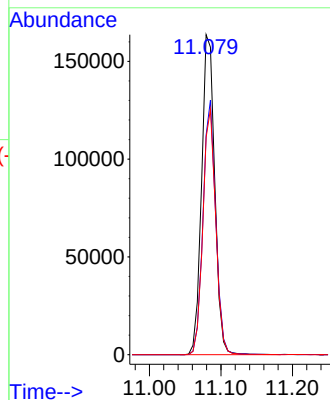
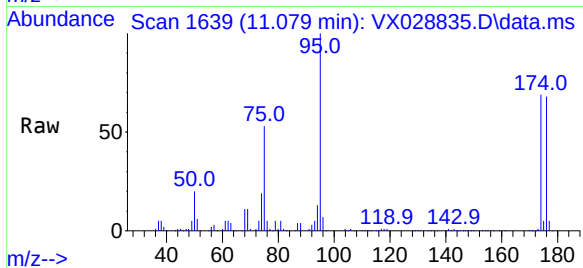




#62
4-Bromofluorobenzene
Concen: 48.365 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028835.D
Acq: 19 May 2022 19:02

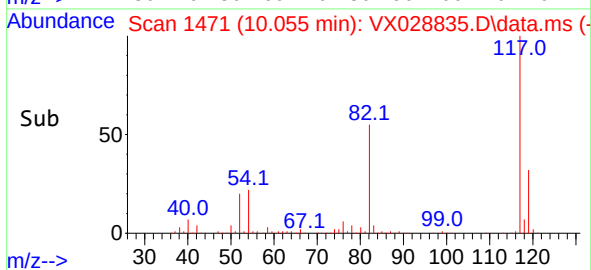
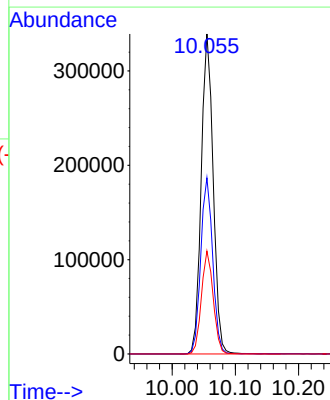
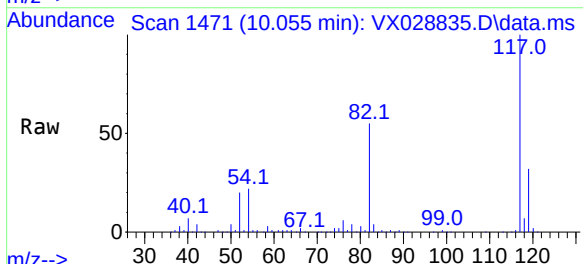
Instrument :
MSVOA_X
ClientSampleId :
MW-16R

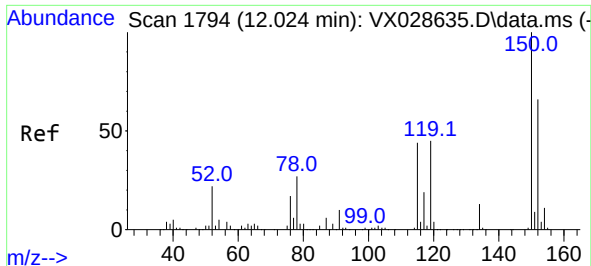
Tgt Ion: 95 Resp: 208752
Ion Ratio Lower Upper
95 100
174 76.8 0.0 163.0
176 74.9 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028835.D
Acq: 19 May 2022 19:02

Tgt Ion: 117 Resp: 446610
Ion Ratio Lower Upper
117 100
82 55.0 41.8 62.8
119 32.2 24.8 37.2

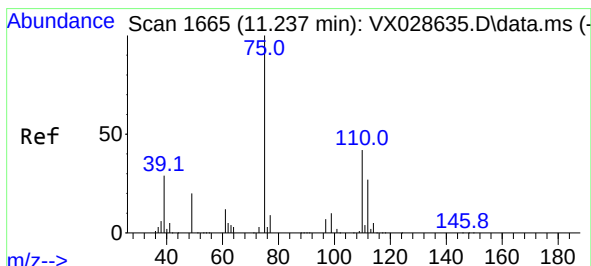
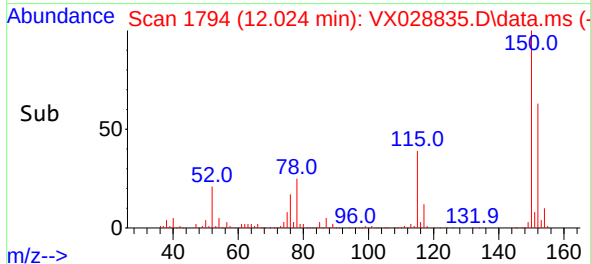
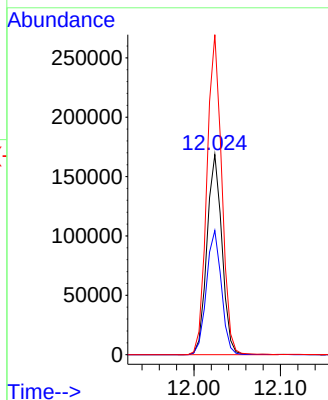
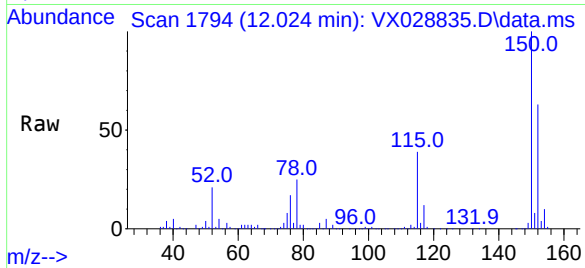




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028835.D
Acq: 19 May 2022 19:02

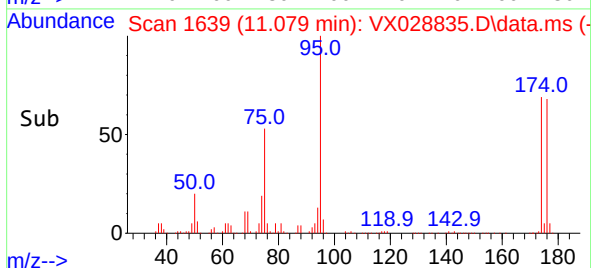
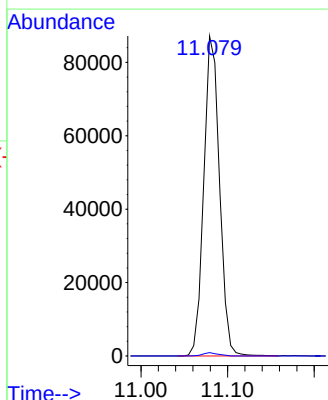
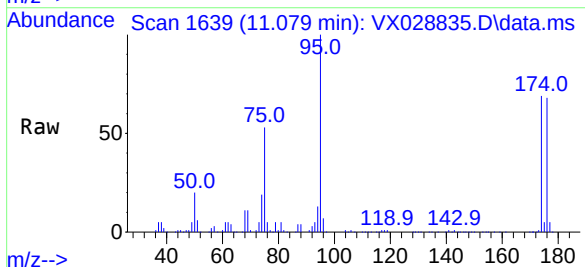
Instrument :
MSVOA_X
ClientSampleId :
MW-16R

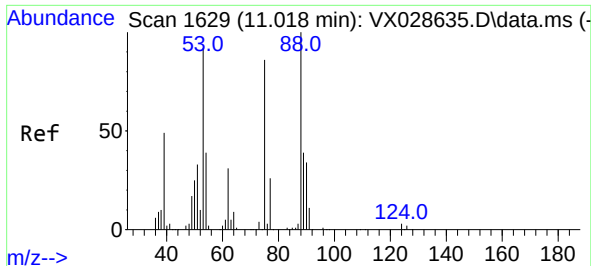
Tgt Ion:152 Resp: 202943
Ion Ratio Lower Upper
152 100
115 61.8 37.5 112.7
150 158.4 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 23.109 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028835.D
Acq: 19 May 2022 19:02

Tgt Ion: 75 Resp: 109831
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.474 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX028835.D
 Acq: 19 May 2022 19:02

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-16R

Tgt Ion: 75 Resp: 109831
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

