

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052022\
 Data File : VX028855.D
 Acq On : 20 May 2022 16:56
 Operator : JC/MD
 Sample : N2943-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-26

Quant Time: May 20 23:30:45 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)

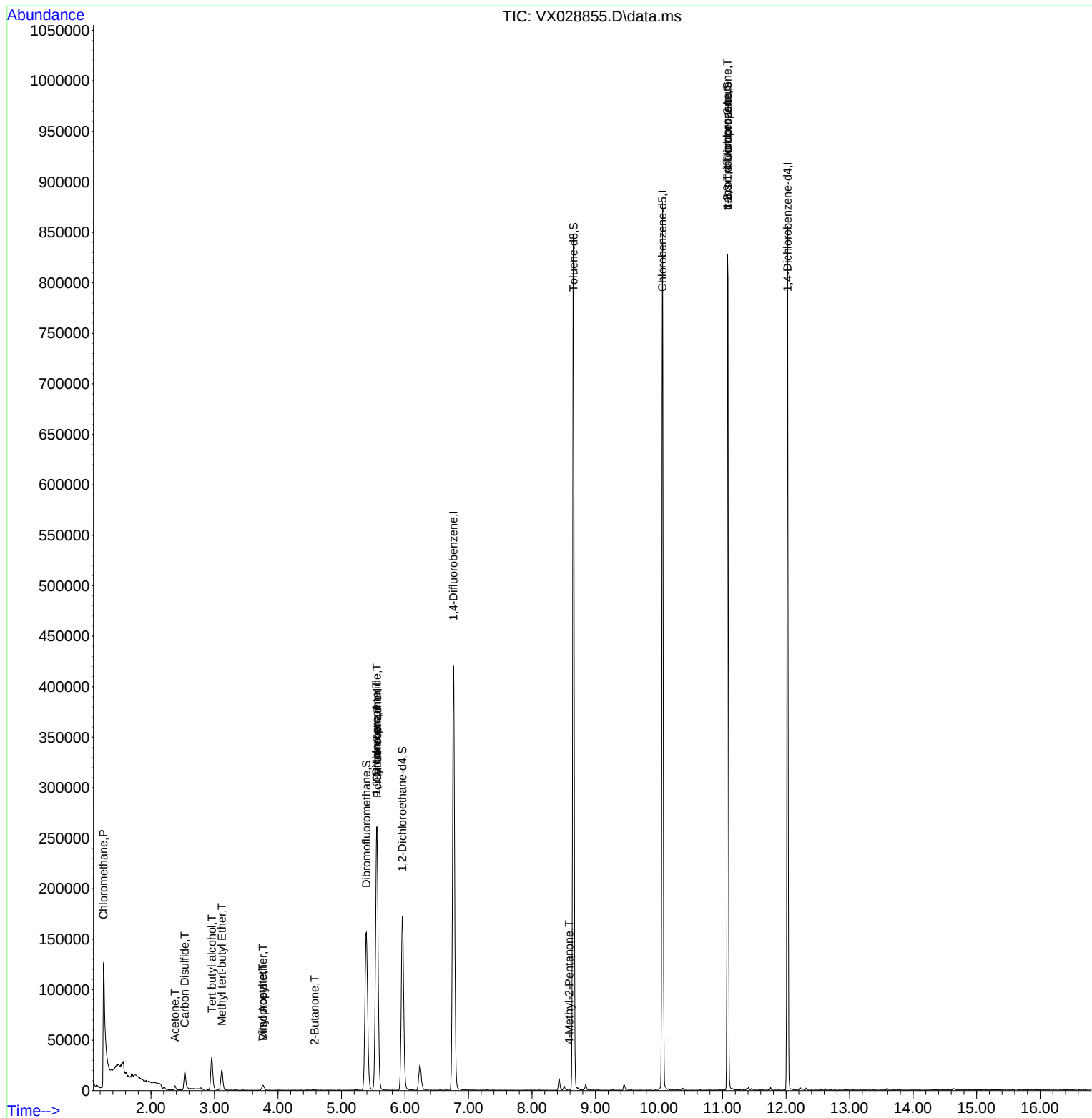
Internal Standards						
1) Pentafluorobenzene	5.562	168	239729	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	422297	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	380383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	163104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	166326	50.615	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.220%	
35) Dibromofluoromethane	5.391	113	136447	49.315	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 98.640%	
50) Toluene-d8	8.653	98	505422	48.452	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 96.900%	
62) 4-Bromofluorobenzene	11.079	95	222816	57.188	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 114.380%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.252	50	4585	1.551	ug/l #	42
5) Bromomethane	1.611	94	713	Below Cal		86
6) Chloroethane	1.709	64	1116	Below Cal	#	43
11) Tert butyl alcohol	2.959	59	35258	43.982	ug/l	100
16) Acetone	2.380	43	4196	2.975	ug/l	99
17) Carbon Disulfide	2.532	76	10316	1.604	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	21700	2.465	ug/l	96
22) Diisopropyl ether	3.764	45	5108	0.601	ug/l #	84
23) Vinyl Acetate	3.757	43	2815	0.384	ug/l #	66
25) 2-Butanone	4.574	43	460	0.208	ug/l #	44
31) Cyclohexane	5.556	56	5828	1.278	ug/l #	27
36) 1,1-Dichloropropene	5.550	75	19733	4.748	ug/l #	50
38) Carbon Tetrachloride	5.556	117	25206	6.027	ug/l #	15
51) 4-Methyl-2-Pentanone	8.586	43	982	0.220	ug/l #	71
76) 1,2,3-Trichloropropane	11.079	75	117686	30.810	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	117686	88.669	ug/l #	15

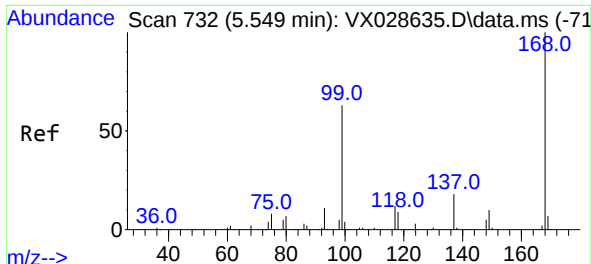
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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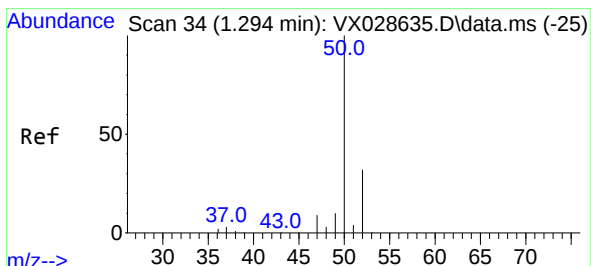
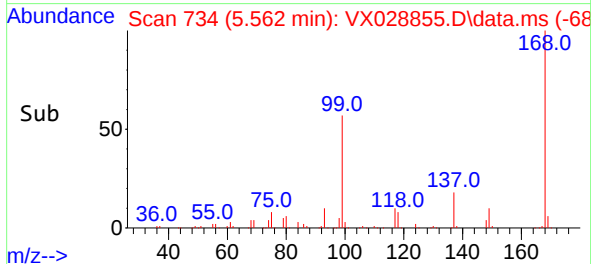
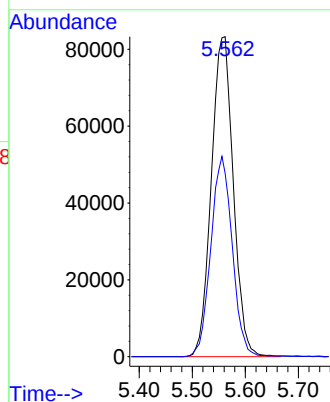
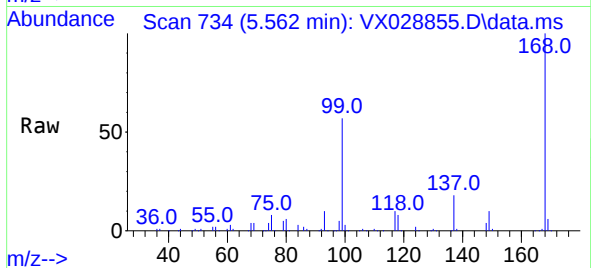




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.013 min
Lab File: VX028855.D
Acq: 20 May 2022 16:56

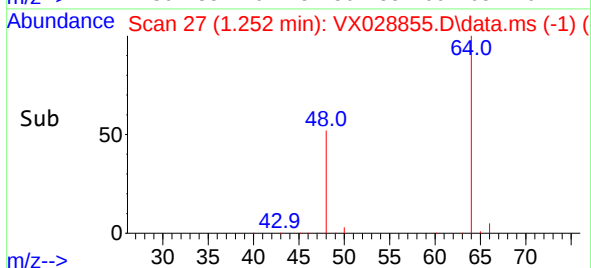
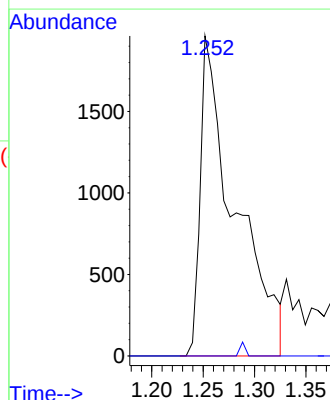
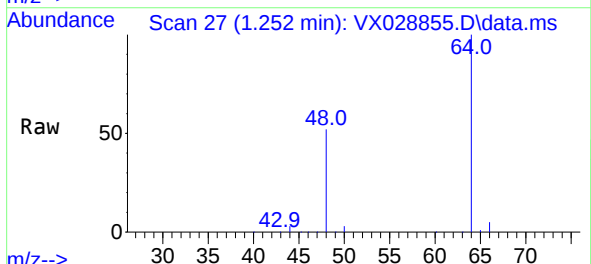
Instrument :
MSVOA_X
ClientSampleId :
MW-26

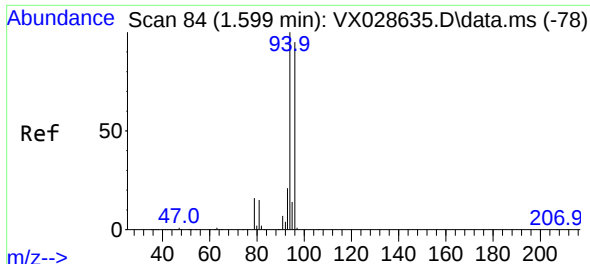
Tgt Ion:168 Resp: 239729
Ion Ratio Lower Upper
168 100
99 57.2 41.7 62.5



#3
Chloromethane
Concen: 1.551 ug/l
RT: 1.252 min Scan# 27
Delta R.T. -0.042 min
Lab File: VX028855.D
Acq: 20 May 2022 16:56

Tgt Ion: 50 Resp: 4585
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

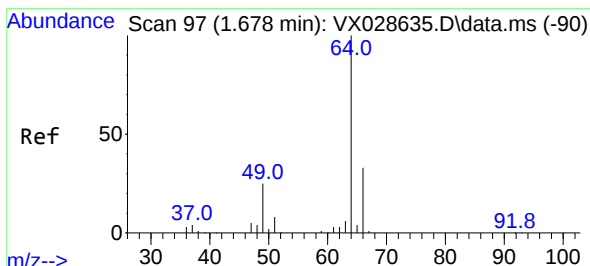
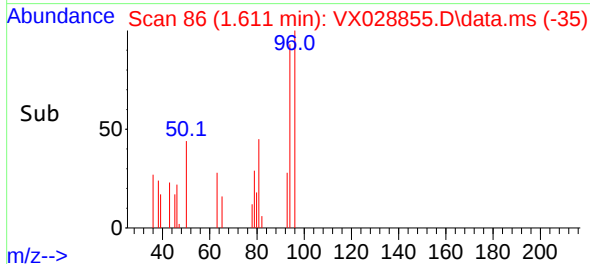
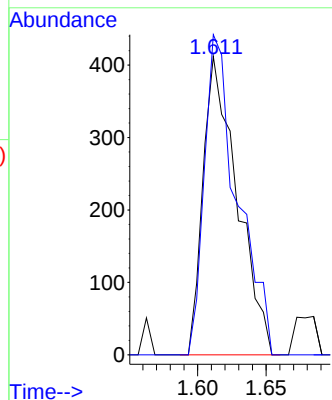
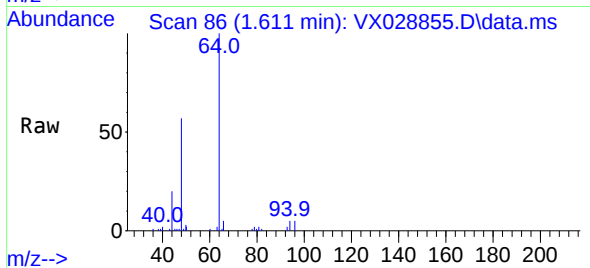




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX028855.D
Acq: 20 May 2022 16:56

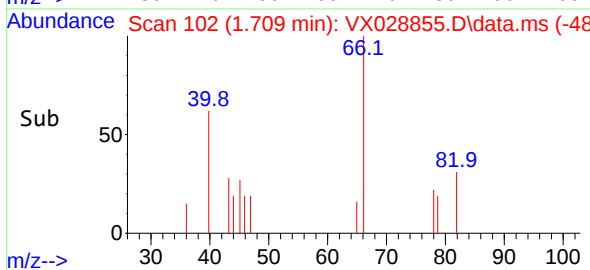
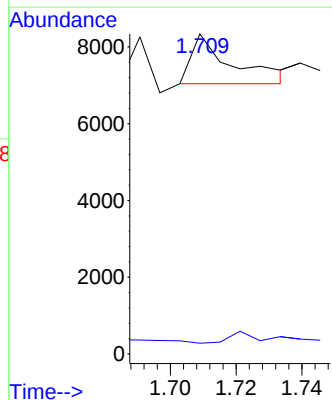
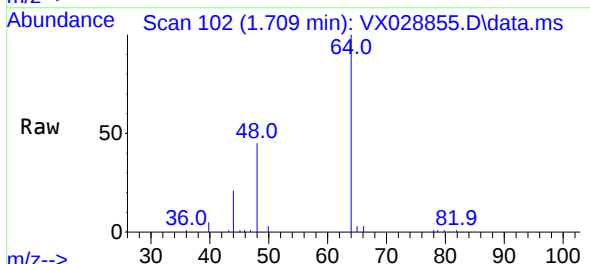
Instrument :
MSVOA_X
ClientSampleId :
MW-26

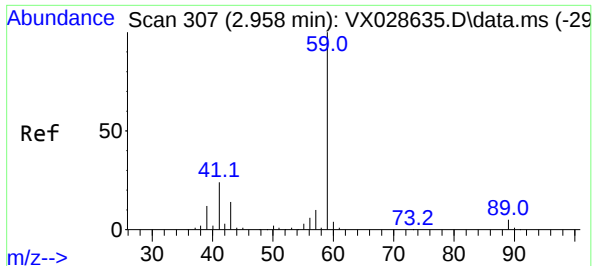
Tgt Ion: 94 Resp: 713
Ion Ratio Lower Upper
94 100
96 107.3 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.709 min Scan# 102
Delta R.T. 0.031 min
Lab File: VX028855.D
Acq: 20 May 2022 16:56

Tgt Ion: 64 Resp: 1116
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#





#11

Tert butyl alcohol

Concen: 43.982 ug/l

RT: 2.959 min Scan# 30

Delta R.T. 0.001 min

Lab File: VX028855.D

Acq: 20 May 2022 16:56

Instrument :

MSVOA_X

ClientSampleId :

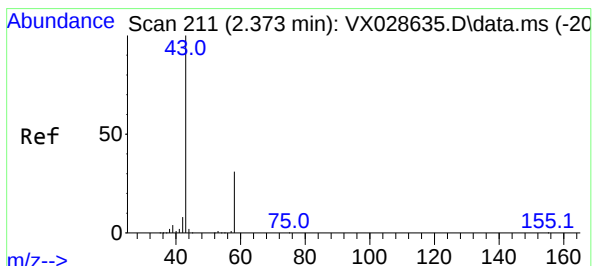
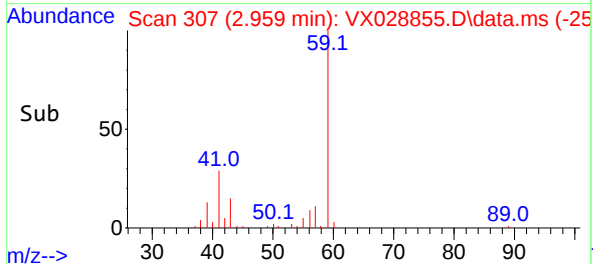
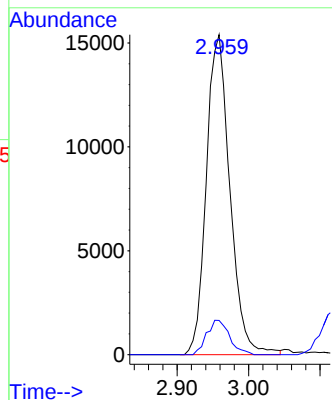
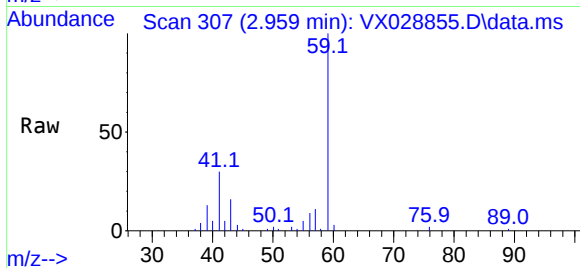
MW-26

Tgt Ion: 59 Resp: 35258

Ion Ratio Lower Upper

59 100

57 10.4 8.3 12.5



#16

Acetone

Concen: 2.975 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.007 min

Lab File: VX028855.D

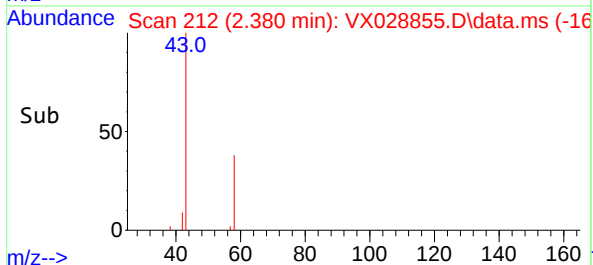
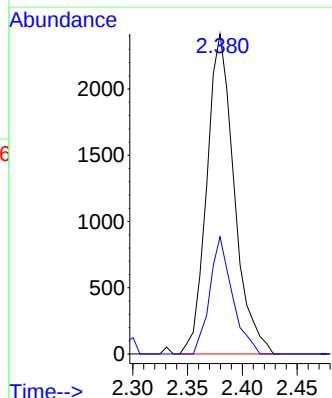
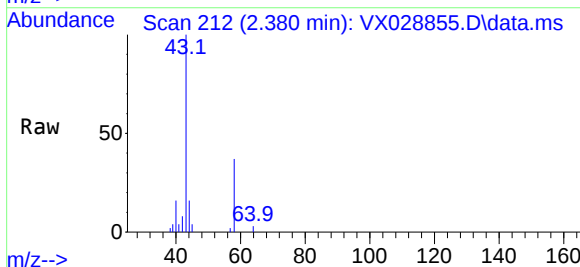
Acq: 20 May 2022 16:56

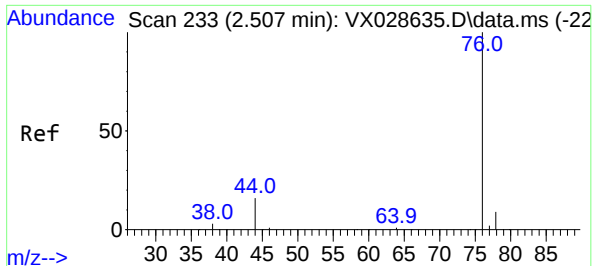
Tgt Ion: 43 Resp: 4196

Ion Ratio Lower Upper

43 100

58 36.6 28.8 43.2

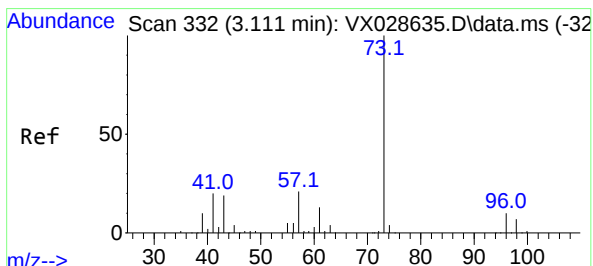
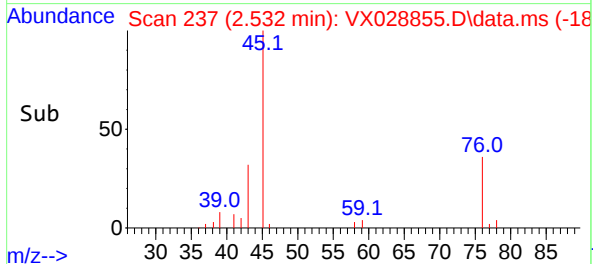
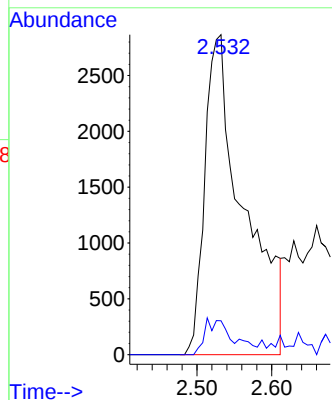
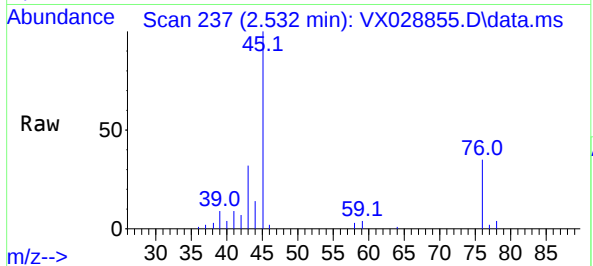




#17
Carbon Disulfide
Concen: 1.604 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.025 min
Lab File: VX028855.D
Acq: 20 May 2022 16:56

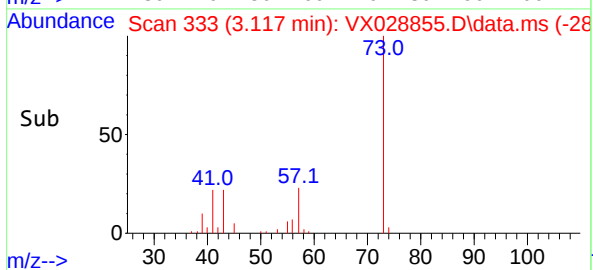
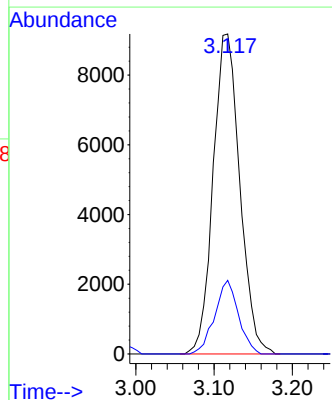
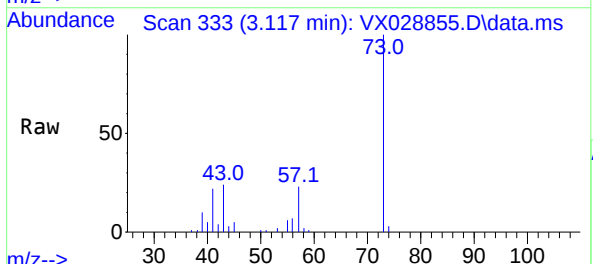
Instrument :
MSVOA_X
ClientSampleId :
MW-26

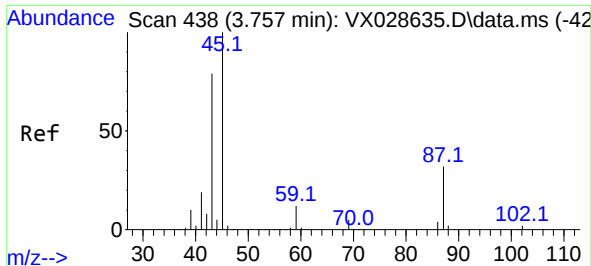
Tgt Ion: 76 Resp: 10316
Ion Ratio Lower Upper
76 100
78 10.6 7.2 10.8



#19
Methyl tert-butyl Ether
Concen: 2.465 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX028855.D
Acq: 20 May 2022 16:56

Tgt Ion: 73 Resp: 21700
Ion Ratio Lower Upper
73 100
57 23.0 16.8 25.2

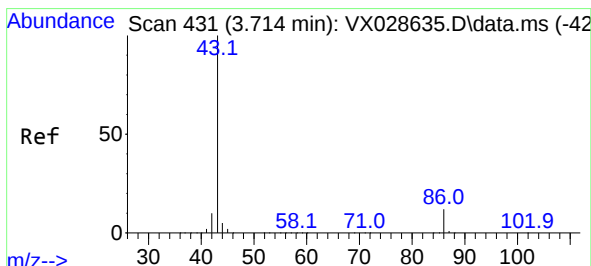
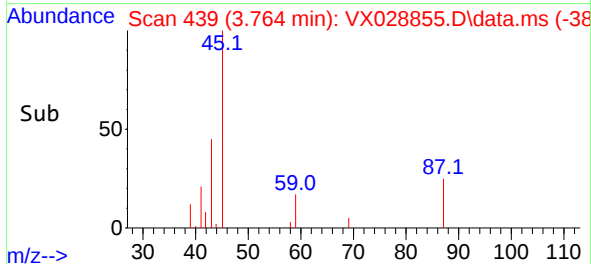
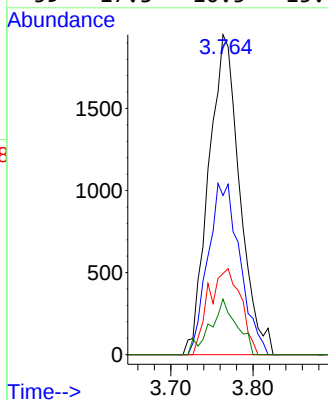
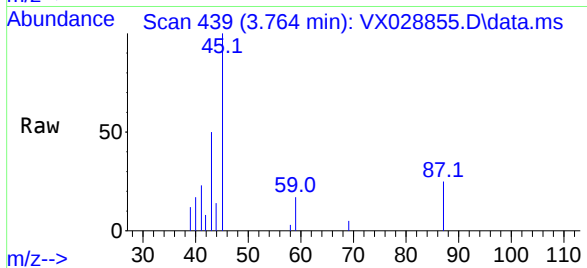




#22
Diisopropyl ether
Concen: 0.601 ug/l
RT: 3.764 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX028855.D
Acq: 20 May 2022 16:56

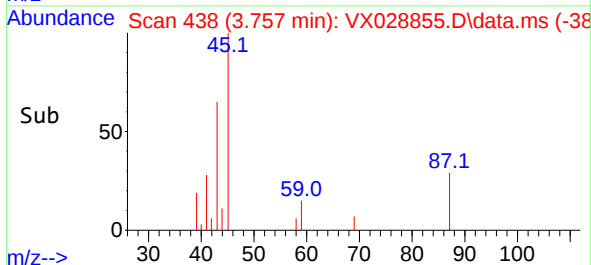
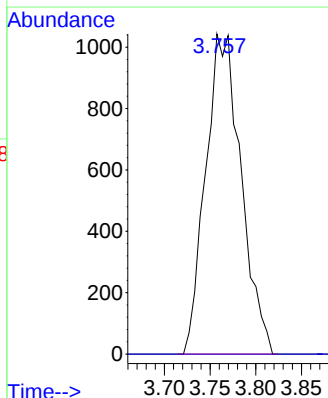
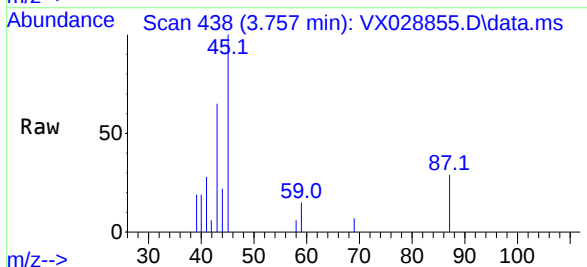
Instrument :
MSVOA_X
ClientSampleId :
MW-26

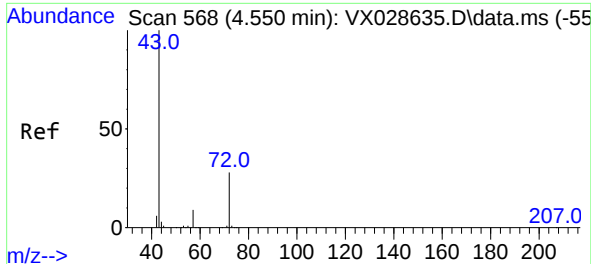
Tgt Ion:	45	Resp:	5108
Ion	Ratio	Lower	Upper
45	100		
43	49.7	50.8	76.2#
87	25.3	26.6	39.8#
59	17.3	10.5	15.7#



#23
Vinyl Acetate
Concen: 0.384 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.043 min
Lab File: VX028855.D
Acq: 20 May 2022 16:56

Tgt Ion:	43	Resp:	2815
Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.8	16.2#





#25

2-Butanone

Concen: 0.208 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX028855.D

Acq: 20 May 2022 16:56

Instrument :

MSVOA_X

ClientSampleId :

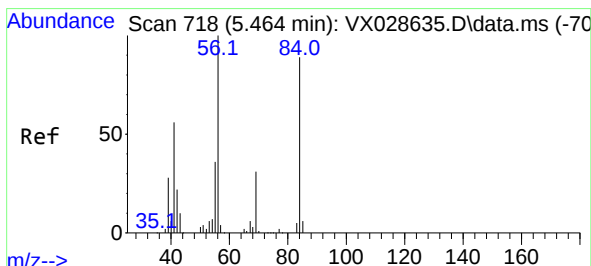
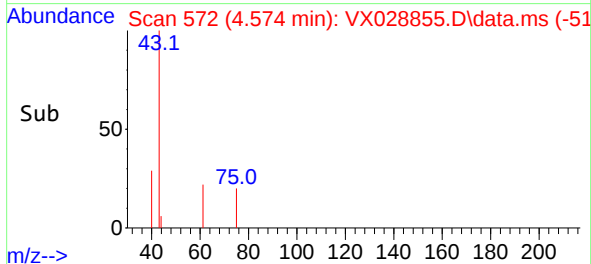
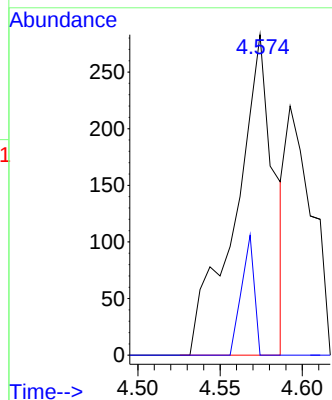
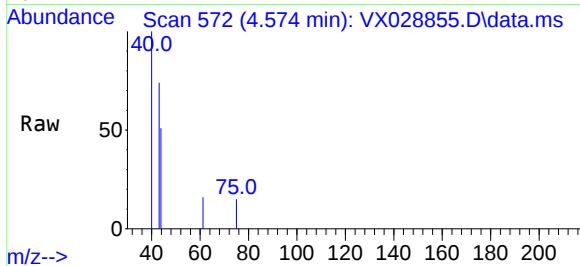
MW-26

Tgt Ion: 43 Resp: 460

Ion Ratio Lower Upper

43 100

72 0.0 24.4 36.6#



#31

Cyclohexane

Concen: 1.278 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.092 min

Lab File: VX028855.D

Acq: 20 May 2022 16:56

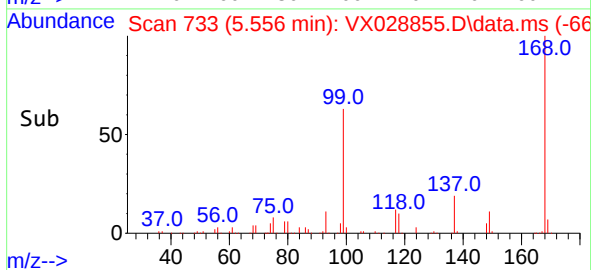
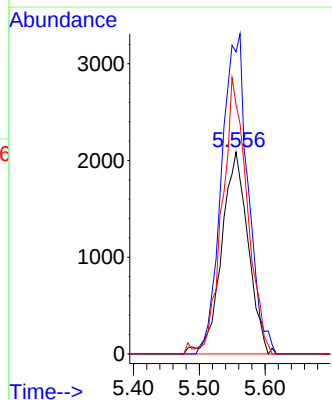
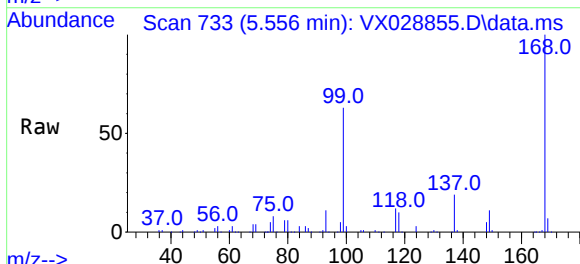
Tgt Ion: 56 Resp: 5828

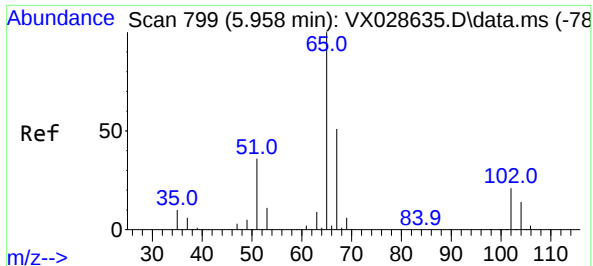
Ion Ratio Lower Upper

56 100

69 149.5 26.7 40.1#

84 123.6 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 50.615 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028855.D

Acq: 20 May 2022 16:56

Instrument :

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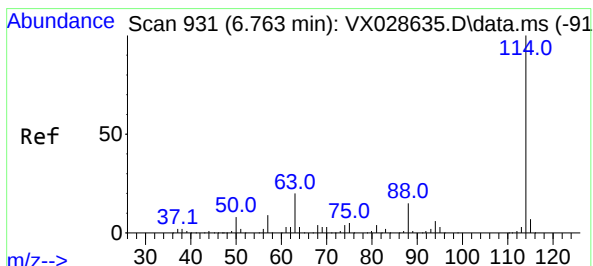
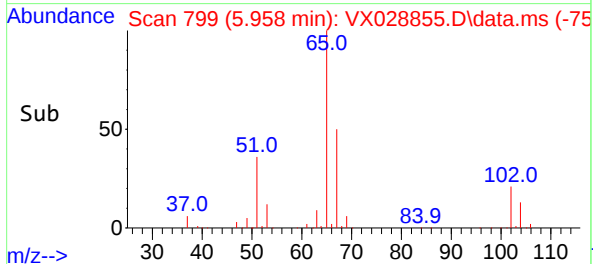
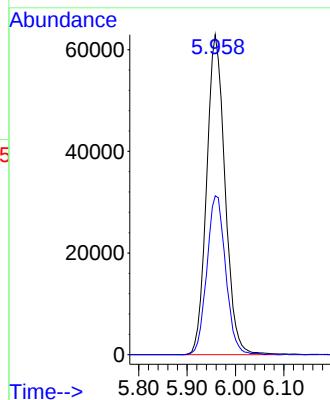
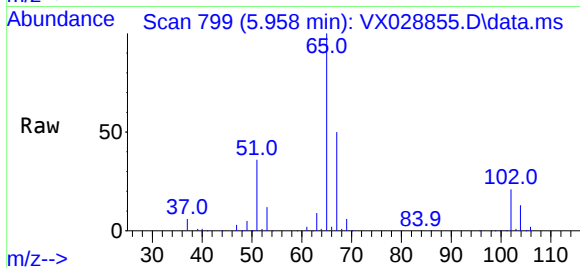
MW-26

Tgt Ion: 65 Resp: 166326

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# 931

Delta R.T. -0.000 min

Lab File: VX028855.D

Acq: 20 May 2022 16:56

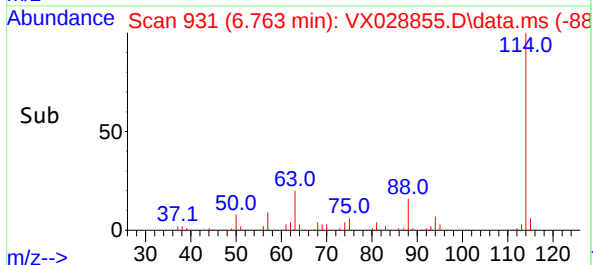
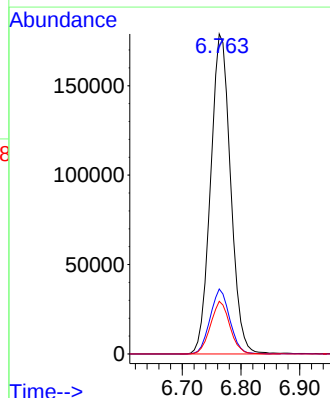
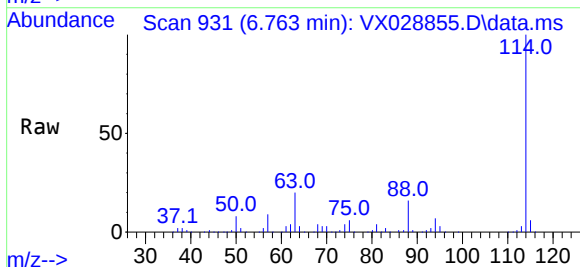
Tgt Ion: 114 Resp: 422297

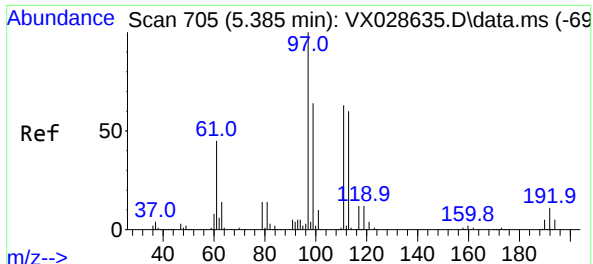
Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.8

88 16.5 0.0 32.4

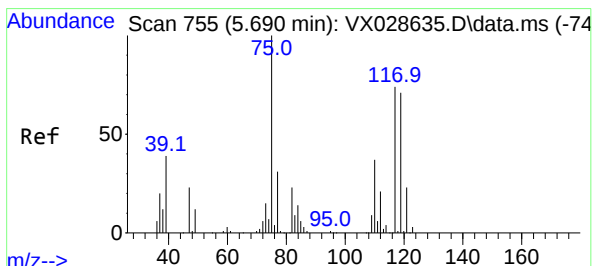
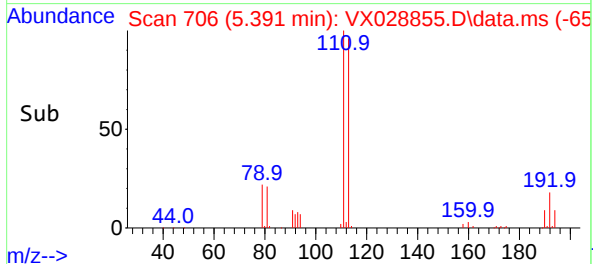
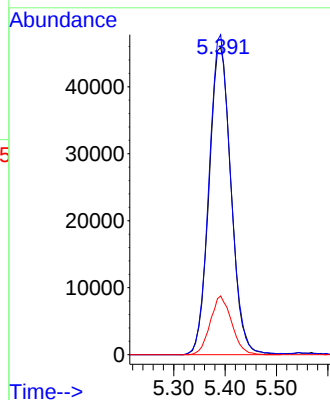
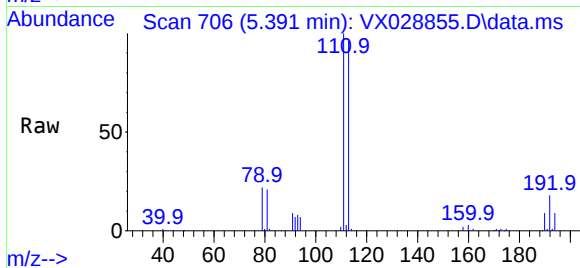




#35
Dibromofluoromethane
Concen: 49.315 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028855.D
Acq: 20 May 2022 16:56

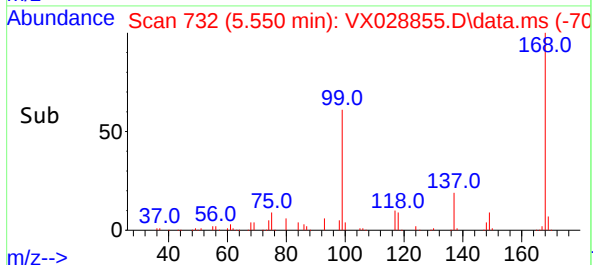
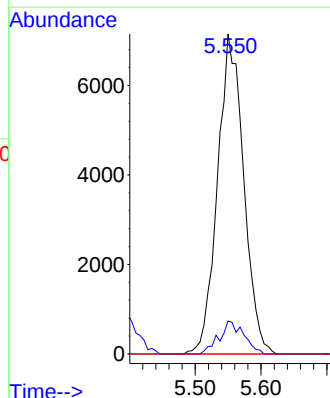
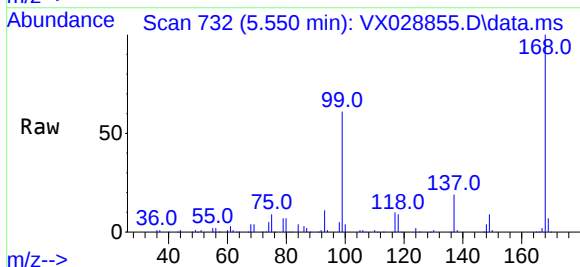
Instrument :
MSVOA_X
ClientSampleId :
MW-26

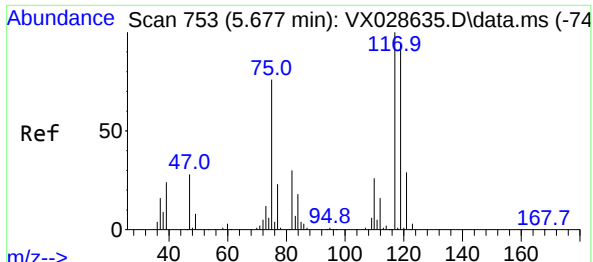
Tgt Ion:113 Resp: 136447
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 18.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.748 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX028855.D
Acq: 20 May 2022 16:56

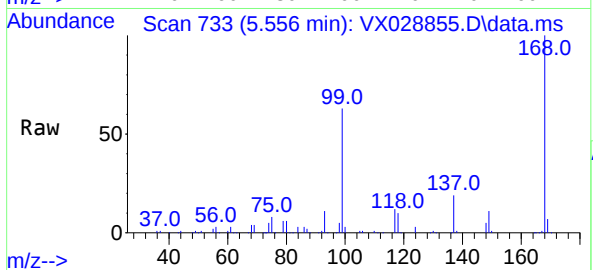
Tgt Ion: 75 Resp: 19733
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 24.8 37.2#



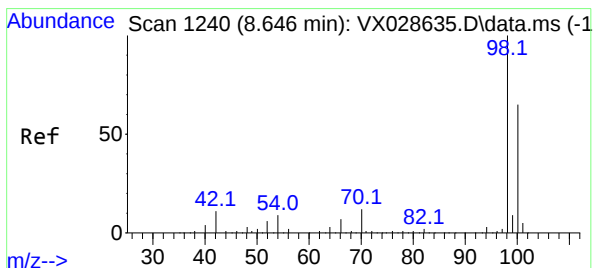
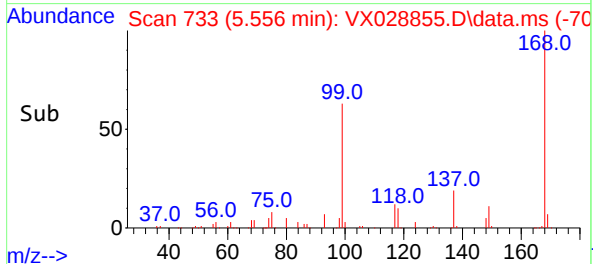
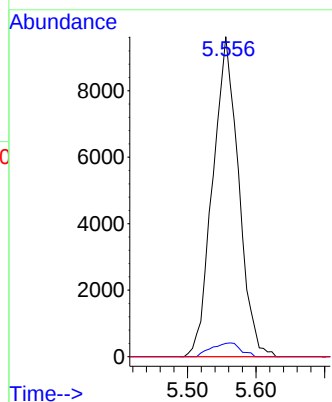


#38
Carbon Tetrachloride
Concen: 6.027 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX028855.D
Acq: 20 May 2022 16:56

Instrument :
MSVOA_X
ClientSampleId :
MW-26

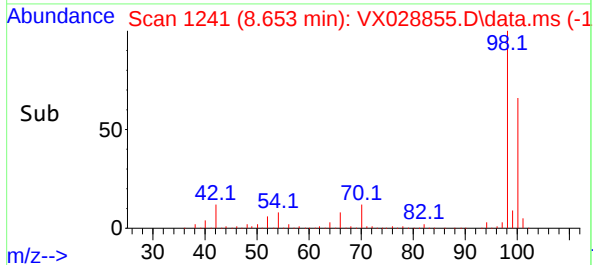
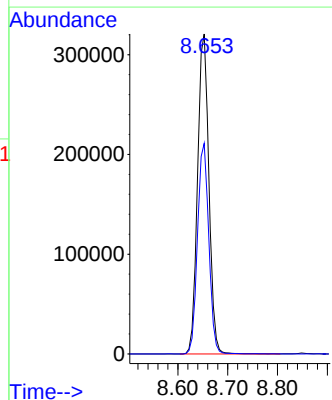
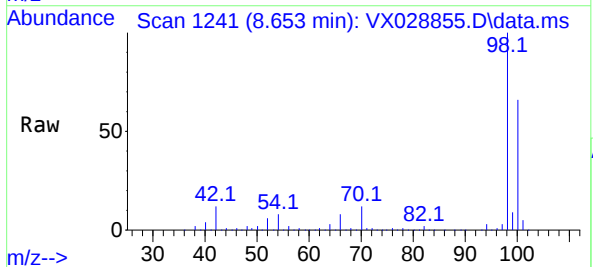


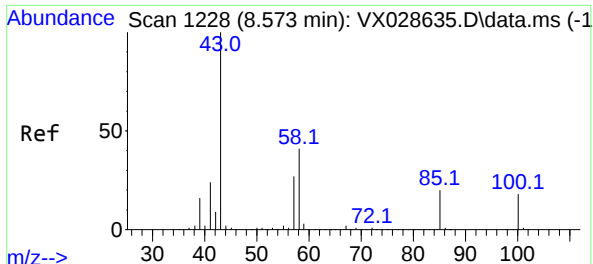
Tgt Ion:117 Resp: 25206
Ion Ratio Lower Upper
117 100
119 4.1 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.452 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028855.D
Acq: 20 May 2022 16:56

Tgt Ion: 98 Resp: 505422
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8

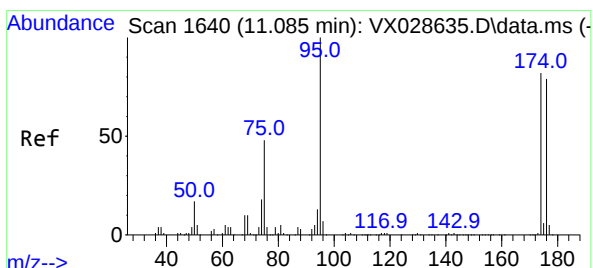
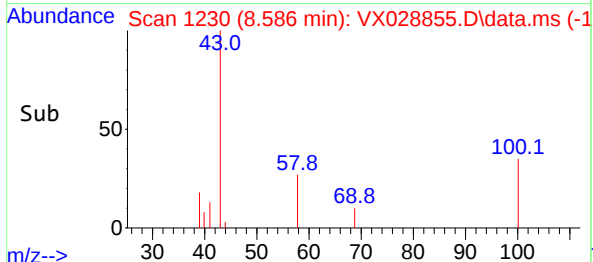
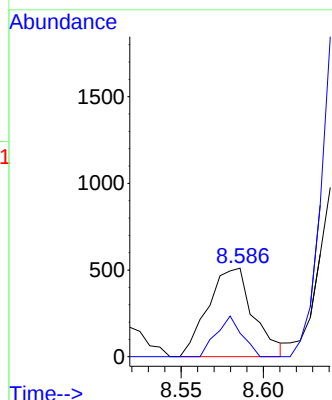
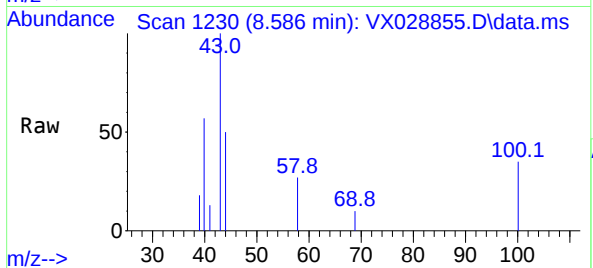




#51
4-Methyl-2-Pentanone
Concen: 0.220 ug/l
RT: 8.586 min Scan# 11
Delta R.T. 0.013 min
Lab File: VX028855.D
Acq: 20 May 2022 16:56

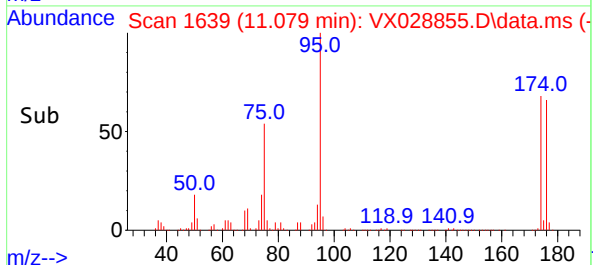
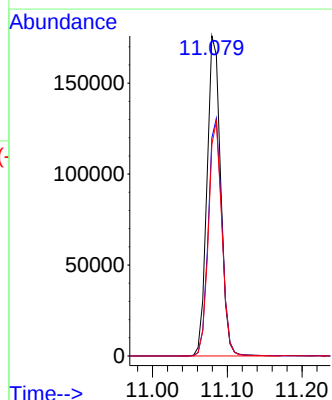
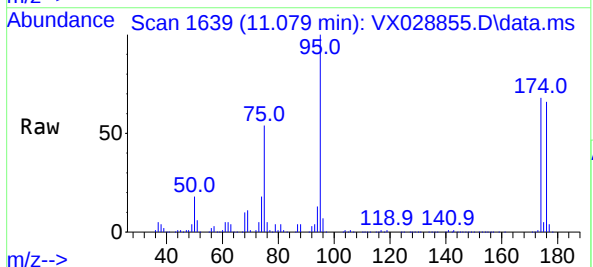
Instrument :
MSVOA_X
ClientSampleId :
MW-26

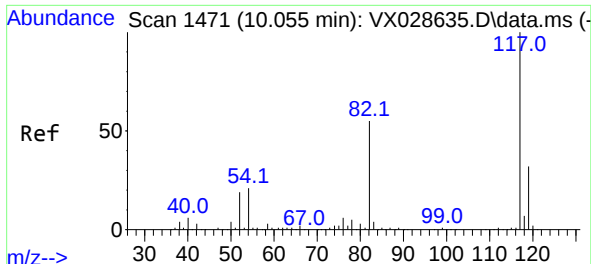
Tgt Ion: 43 Resp: 982
Ion Ratio Lower Upper
43 100
58 26.0 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 57.188 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028855.D
Acq: 20 May 2022 16:56

Tgt Ion: 95 Resp: 222816
Ion Ratio Lower Upper
95 100
174 74.4 0.0 163.0
176 72.1 0.0 155.0

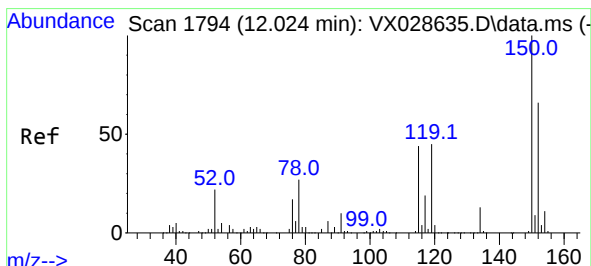
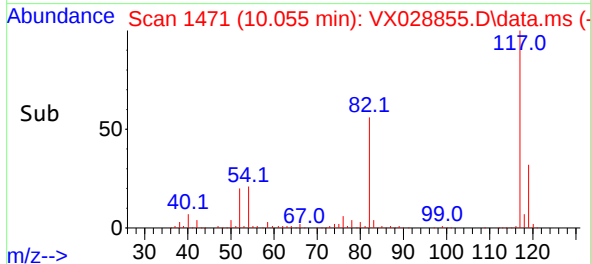
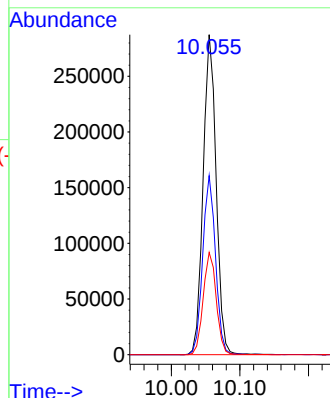
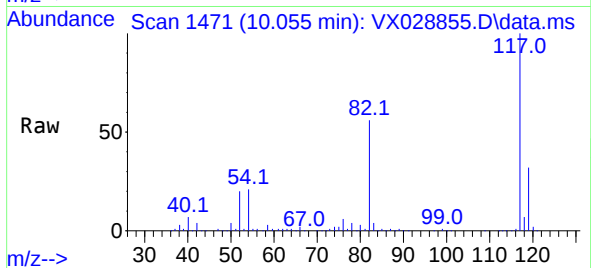




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028855.D
Acq: 20 May 2022 16:56

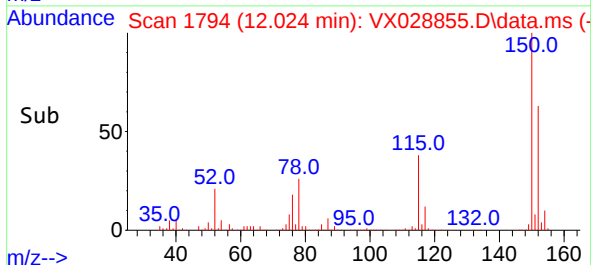
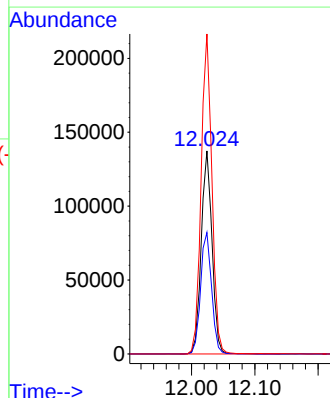
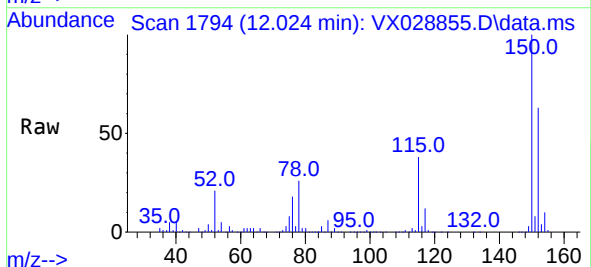
Instrument :
MSVOA_X
ClientSampleId :
MW-26

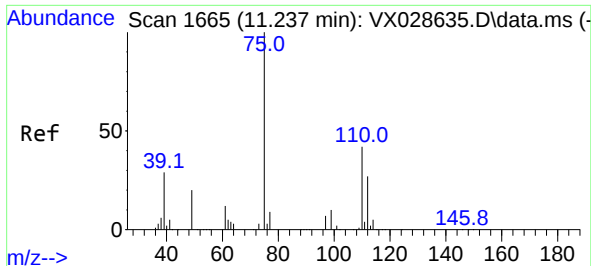
Tgt Ion:117 Resp: 380383
Ion Ratio Lower Upper
117 100
82 56.0 41.8 62.8
119 31.9 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028855.D
Acq: 20 May 2022 16:56

Tgt Ion:152 Resp: 163104
Ion Ratio Lower Upper
152 100
115 61.1 37.5 112.7
150 157.6 0.0 338.2

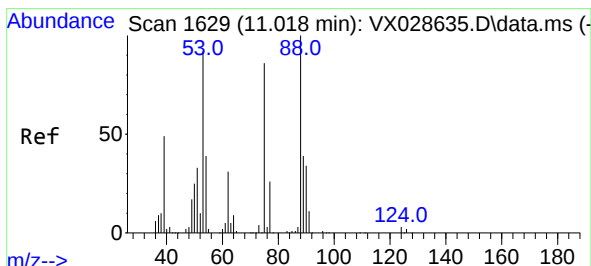
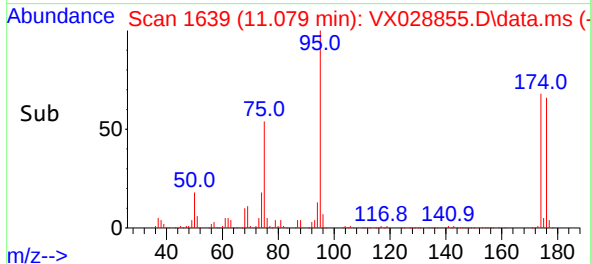
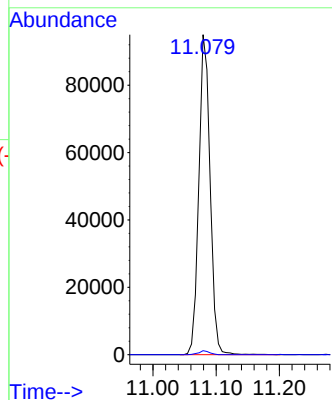
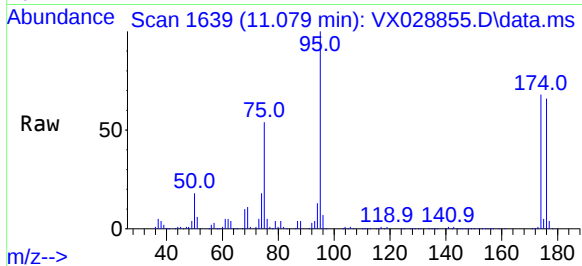




#76
1,2,3-Trichloropropane
Concen: 30.810 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028855.D
Acq: 20 May 2022 16:56

Instrument :
MSVOA_X
ClientSampleId :
MW-26

Tgt Ion: 75 Resp: 117686
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.669 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028855.D
Acq: 20 May 2022 16:56

Tgt Ion: 75 Resp: 117686
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

