

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052022\
 Data File : VX028859.D
 Acq On : 20 May 2022 18:30
 Operator : JC/MD
 Sample : N2943-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-38I

Quant Time: May 20 23:32:34 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)

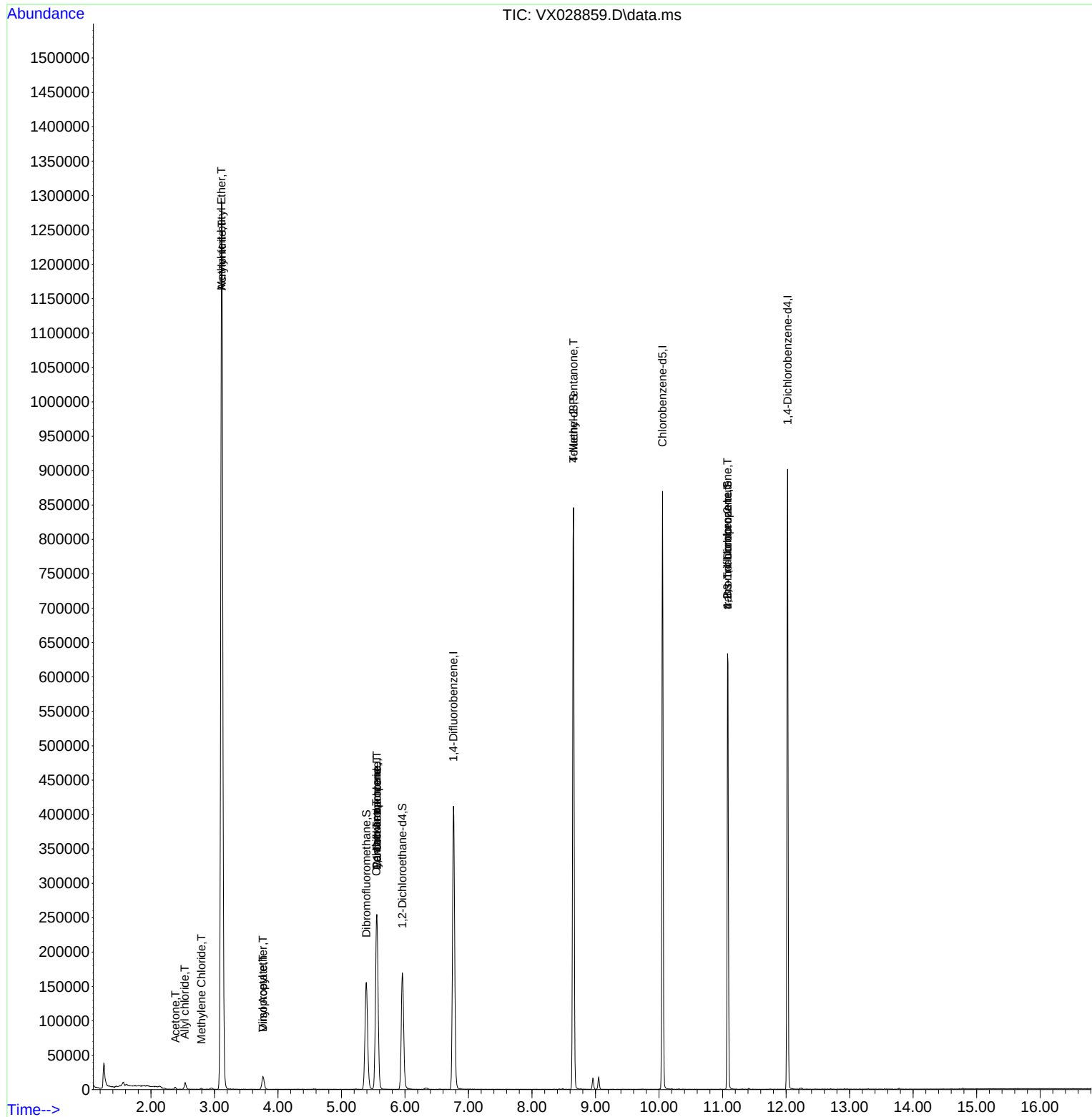
Internal Standards						
1) Pentafluorobenzene	5.556	168	236417	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	419719	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	368600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	164148	50.652	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.300%
35) Dibromofluoromethane	5.391	113	134583	48.940	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.880%
50) Toluene-d8	8.653	98	493698	47.619	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.240%
62) 4-Bromofluorobenzene	11.079	95	165033	42.617	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	85.240%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	570	Below Cal	#	63
6) Chloroethane	1.727	64	743	Below Cal	#	51
11) Tert butyl alcohol	2.959	59	1948	Below Cal	#	72
14) Allyl chloride	2.532	41	1086	0.277	ug/l #	56
15) Acrylonitrile	3.117	53	15829	10.138	ug/l #	27
16) Acetone	2.386	43	3147	2.263	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	1438319	165.650	ug/l	99
20) Methylene Chloride	2.794	84	799	0.274	ug/l #	76
22) Diisopropyl ether	3.763	45	18681	2.228	ug/l	93
23) Vinyl Acetate	3.763	43	10441	1.444	ug/l #	66
31) Cyclohexane	5.550	56	5802	1.290	ug/l #	25
36) 1,1-Dichloropropene	5.556	75	19443	4.707	ug/l #	50
38) Carbon Tetrachloride	5.556	117	24457	5.884	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	2101	0.473	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	90687	21.485	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	90687	63.004	ug/l #	15

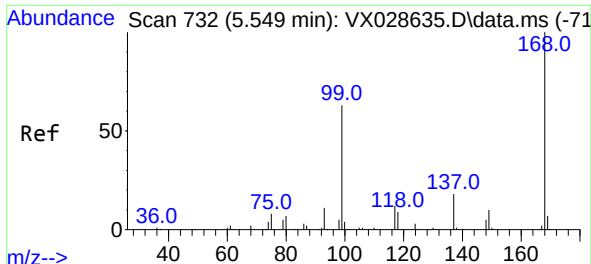
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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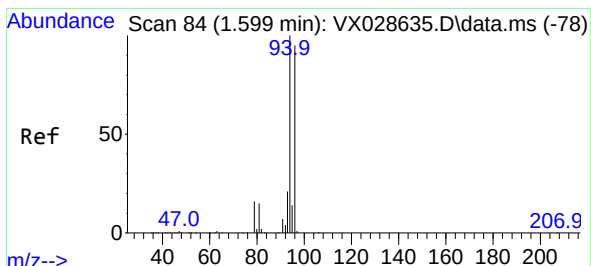
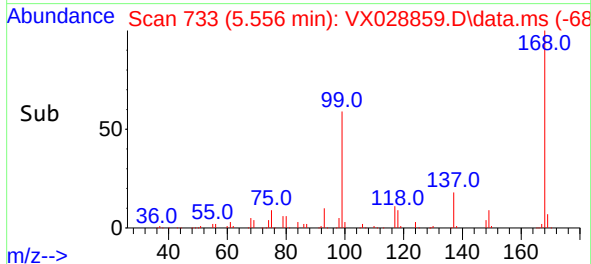
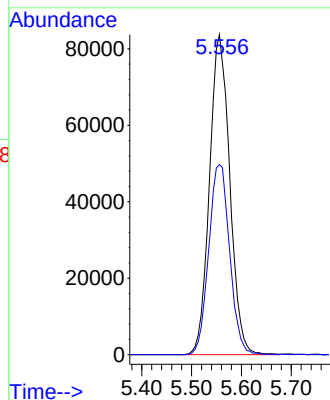
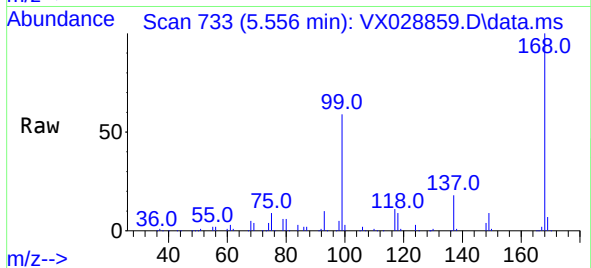




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028859.D
Acq: 20 May 2022 18:30

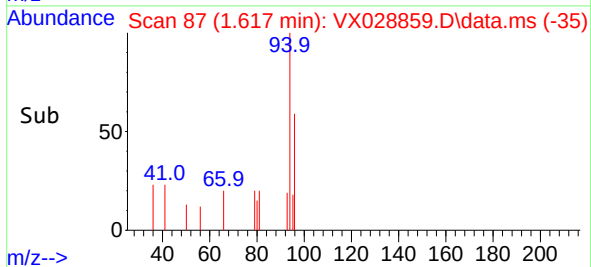
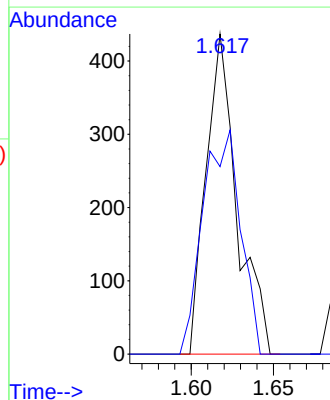
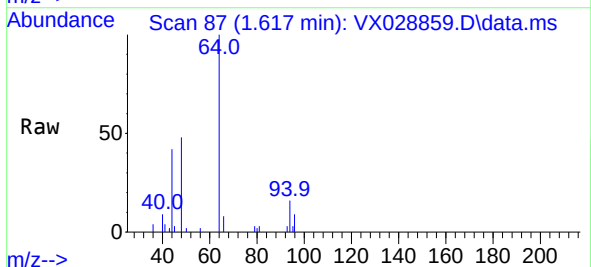
Instrument :
MSVOA_X
ClientSampleId :
MW-38I

Tgt Ion:168 Resp: 236417
Ion Ratio Lower Upper
168 100
99 59.4 41.7 62.5

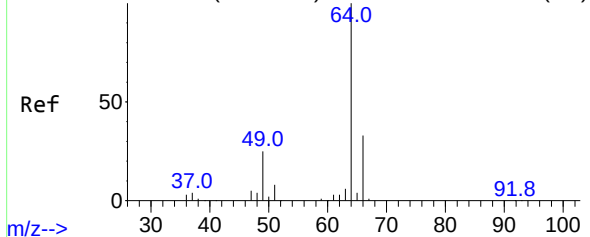


#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX028859.D
Acq: 20 May 2022 18:30

Tgt Ion: 94 Resp: 570
Ion Ratio Lower Upper
94 100
96 58.6 75.3 112.9#



Abundance Scan 97 (1.678 min): VX028635.D\data.ms (-90)



#6

Chloroethane

Concen: Below Cal

RT: 1.727 min Scan# 105

Delta R.T. 0.049 min

Lab File: VX028859.D

Acq: 20 May 2022 18:30

Instrument :

MSVOA_X

ClientSampleId :

MW-38I

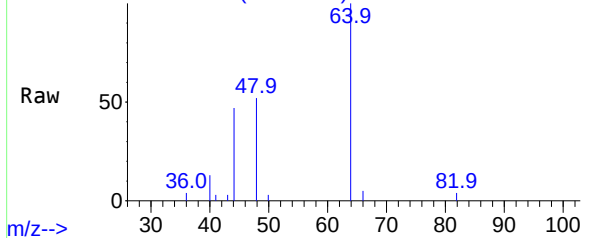
Tgt Ion: 64 Resp: 743

Ion Ratio Lower Upper

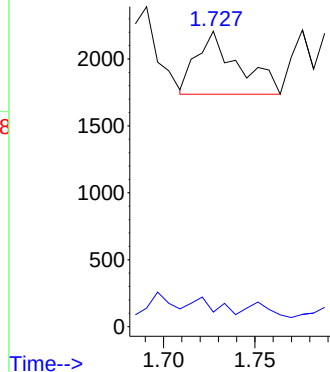
64 100

66 4.2 25.3 37.9#

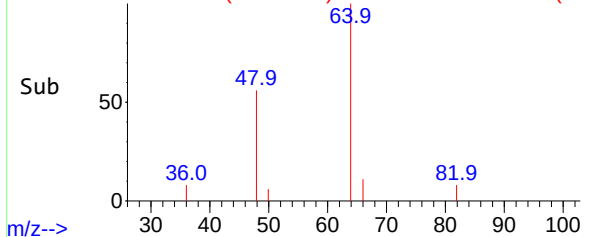
Abundance Scan 105 (1.727 min): VX028859.D\data.ms



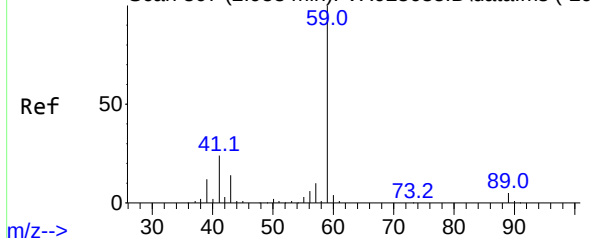
Abundance



Abundance Scan 105 (1.727 min): VX028859.D\data.ms (-48)



Abundance Scan 307 (2.958 min): VX028635.D\data.ms (-29)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.959 min Scan# 307

Delta R.T. 0.001 min

Lab File: VX028859.D

Acq: 20 May 2022 18:30

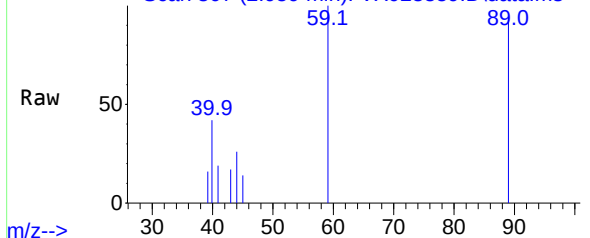
Tgt Ion: 59 Resp: 1948

Ion Ratio Lower Upper

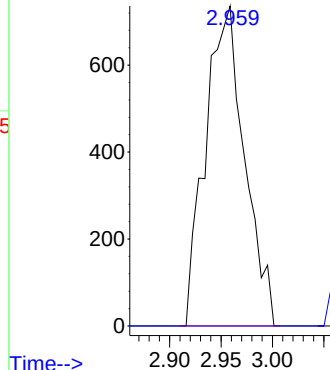
59 100

57 0.0 8.3 12.5#

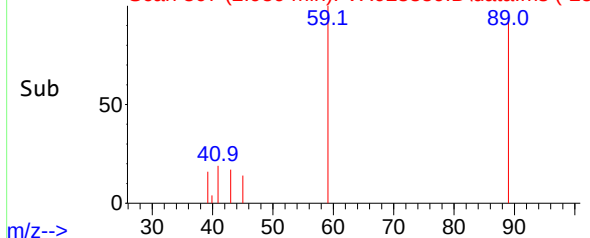
Abundance Scan 307 (2.959 min): VX028859.D\data.ms

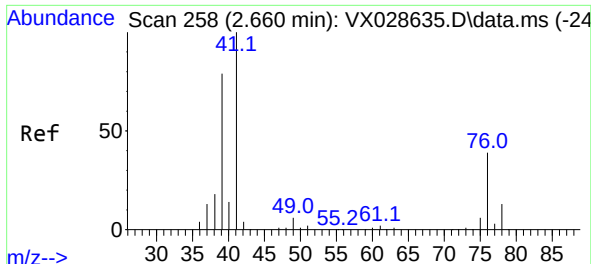


Abundance



Abundance Scan 307 (2.959 min): VX028859.D\data.ms (-25)

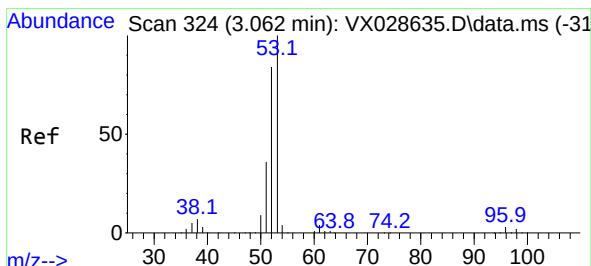
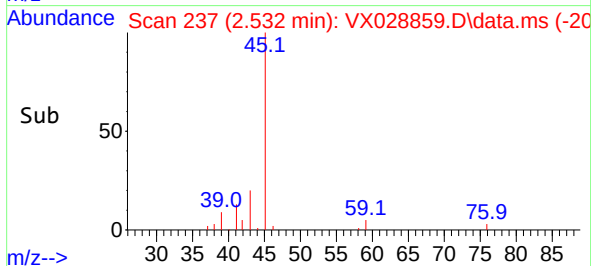
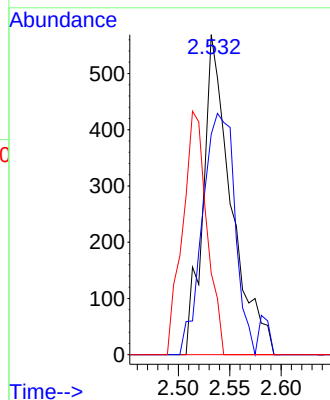
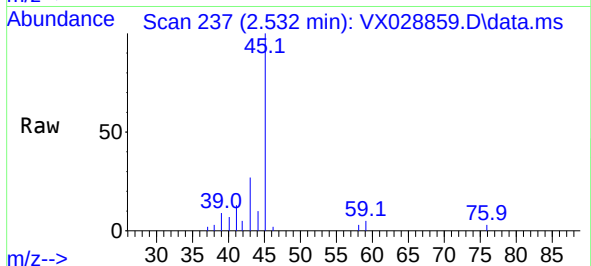




#14
 Allyl chloride
 Concen: 0.277 ug/l
 RT: 2.532 min Scan# 21
 Delta R.T. -0.128 min
 Lab File: VX028859.D
 Acq: 20 May 2022 18:30

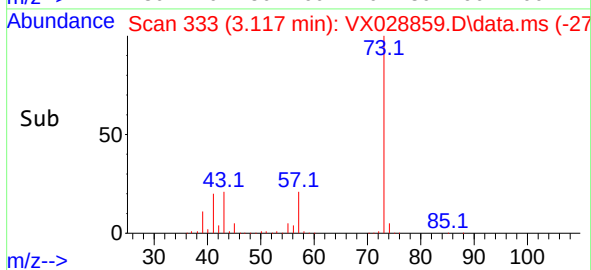
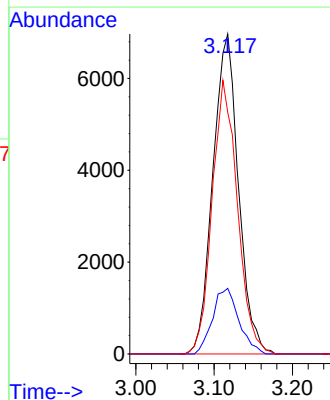
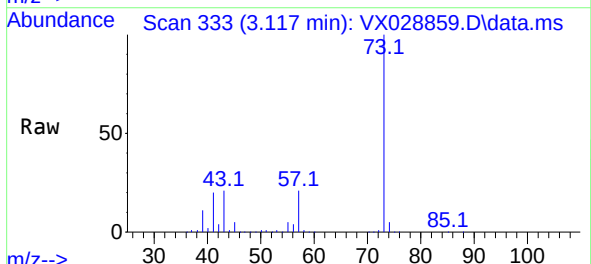
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-38I

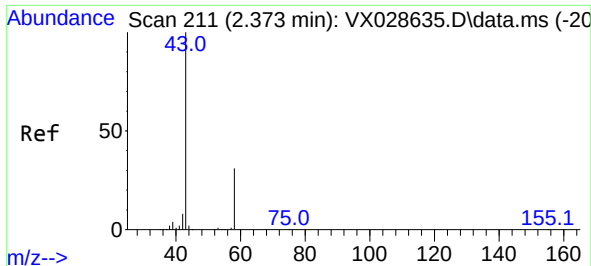
Tgt Ion: 41 Resp: 1086
 Ion Ratio Lower Upper
 41 100
 39 86.6 50.4 75.6#
 76 0.0 32.7 49.1#



#15
 Acrylonitrile
 Concen: 10.138 ug/l
 RT: 3.117 min Scan# 333
 Delta R.T. 0.055 min
 Lab File: VX028859.D
 Acq: 20 May 2022 18:30

Tgt Ion: 53 Resp: 15829
 Ion Ratio Lower Upper
 53 100
 52 21.1 65.7 98.5#
 51 84.4 28.4 42.6#

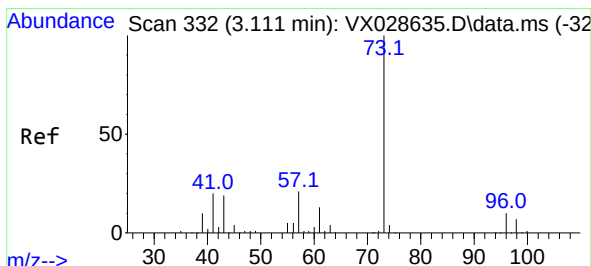
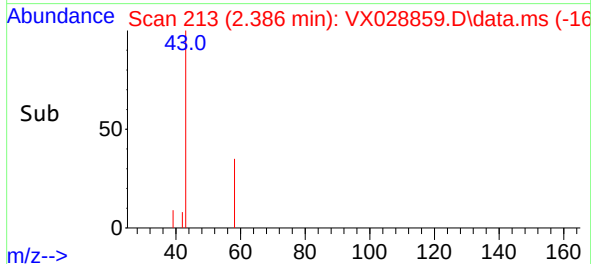
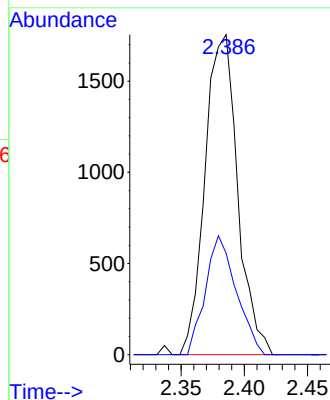
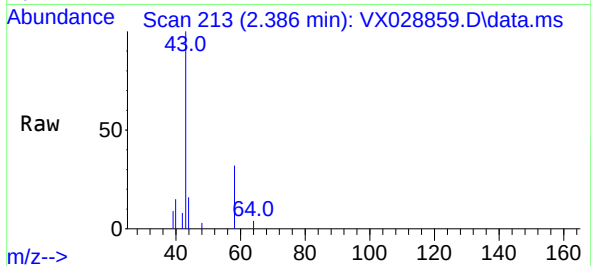




#16
Acetone
Concen: 2.263 ug/l
RT: 2.386 min Scan# 211
Delta R.T. 0.013 min
Lab File: VX028859.D
Acq: 20 May 2022 18:30

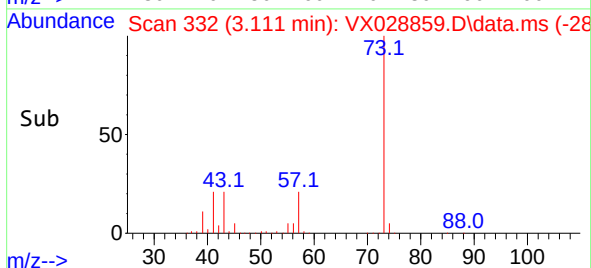
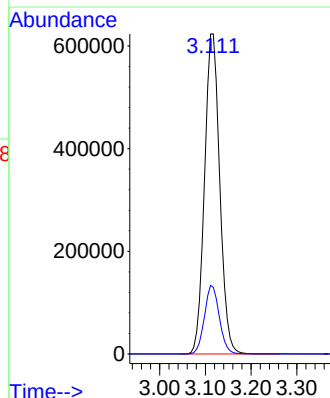
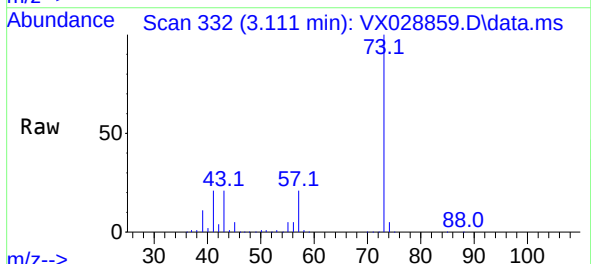
Instrument :
MSVOA_X
ClientSampleId :
MW-38I

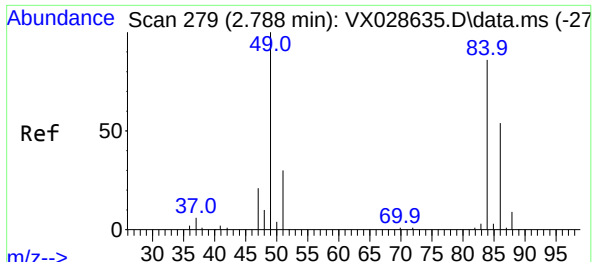
Tgt Ion: 43 Resp: 3147
Ion Ratio Lower Upper
43 100
58 31.7 28.8 43.2



#19
Methyl tert-butyl Ether
Concen: 165.650 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX028859.D
Acq: 20 May 2022 18:30

Tgt Ion: 73 Resp: 1438319
Ion Ratio Lower Upper
73 100
57 21.4 16.8 25.2



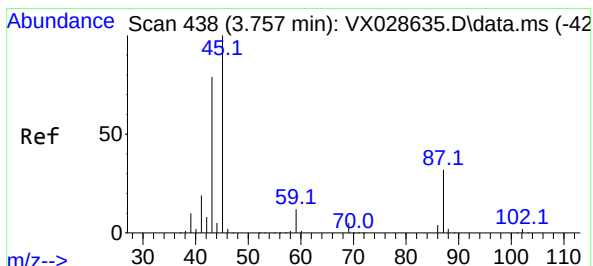
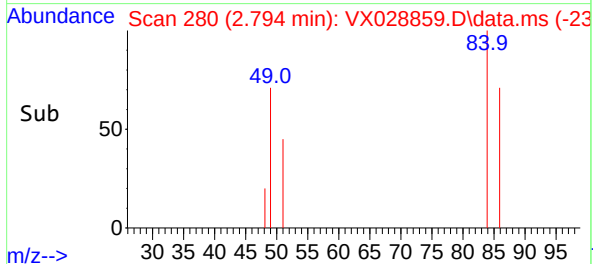
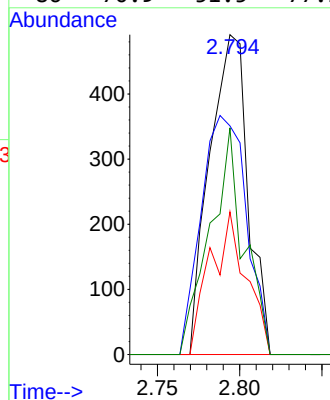
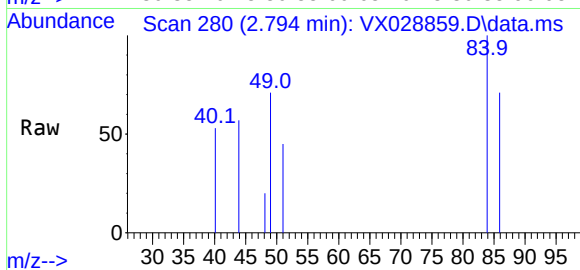


#20
Methylene Chloride
Concen: 0.274 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028859.D
Acq: 20 May 2022 18:30

Instrument :
MSVOA_X
ClientSampleId :
MW-38I

Tgt Ion: 84 Resp: 799

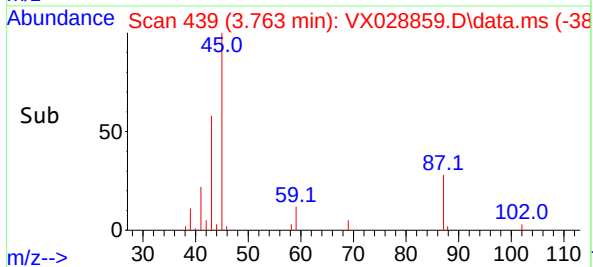
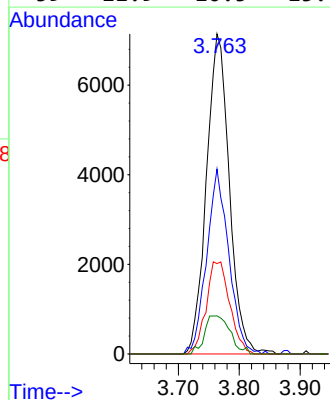
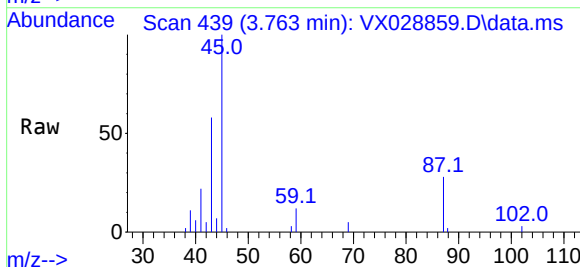
Ion	Ratio	Lower	Upper
84	100		
49	71.5	85.5	128.3#
51	44.6	26.6	39.8#
86	70.9	51.5	77.3

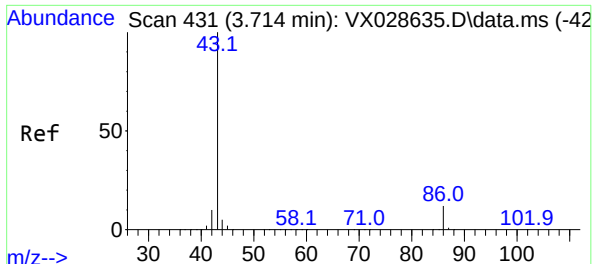


#22
Diisopropyl ether
Concen: 2.228 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX028859.D
Acq: 20 May 2022 18:30

Tgt Ion: 45 Resp: 18681

Ion	Ratio	Lower	Upper
45	100		
43	57.8	50.8	76.2
87	28.3	26.6	39.8
59	11.9	10.5	15.7

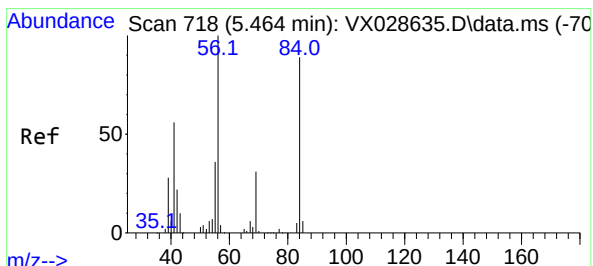
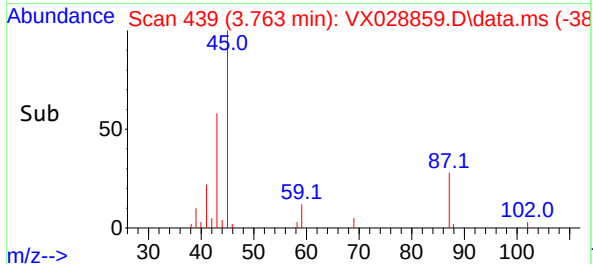
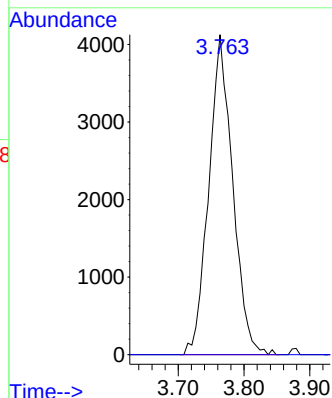
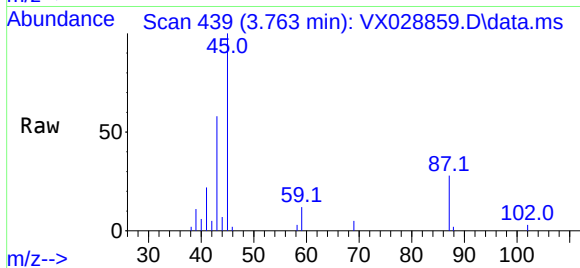




#23
 Vinyl Acetate
 Concen: 1.444 ug/l
 RT: 3.763 min Scan# 41
 Delta R.T. 0.049 min
 Lab File: VX028859.D
 Acq: 20 May 2022 18:30

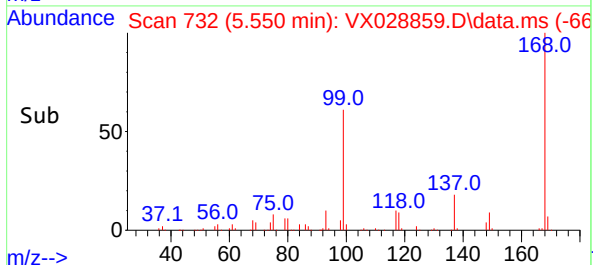
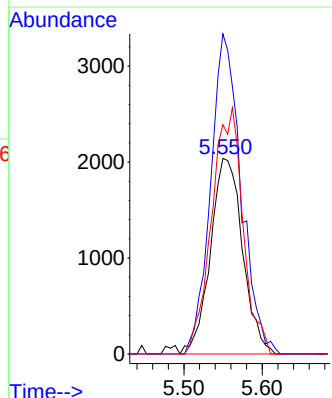
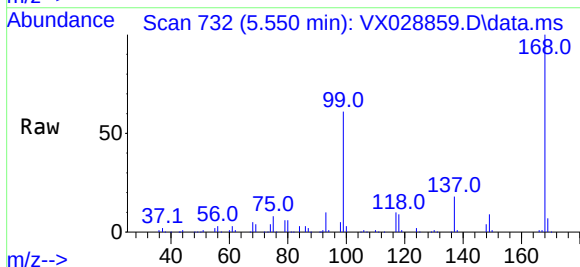
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-38I

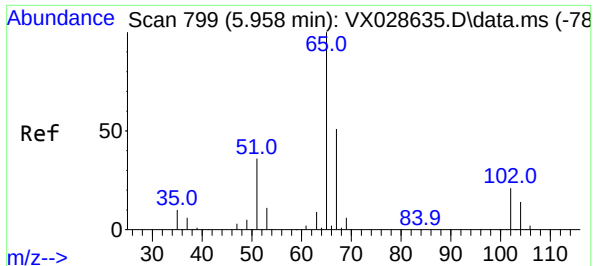
Tgt Ion: 43 Resp: 10441
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.8 16.2#



#31
 Cyclohexane
 Concen: 1.290 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. 0.086 min
 Lab File: VX028859.D
 Acq: 20 May 2022 18:30

Tgt Ion: 56 Resp: 5802
 Ion Ratio Lower Upper
 56 100
 69 163.7 26.7 40.1#
 84 117.3 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 50.652 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028859.D

Acq: 20 May 2022 18:30

Instrument :

MSVOA_X

ClientSampleId :

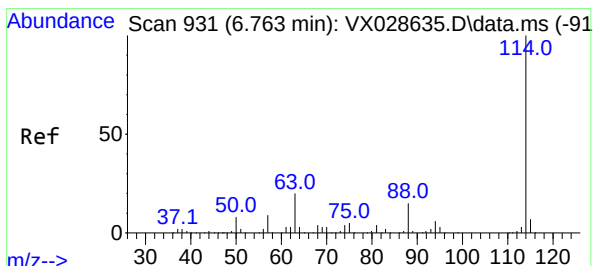
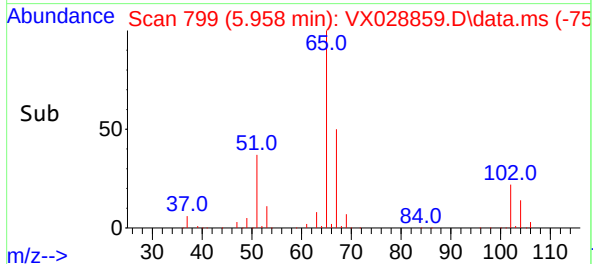
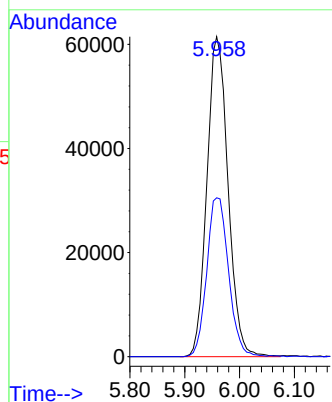
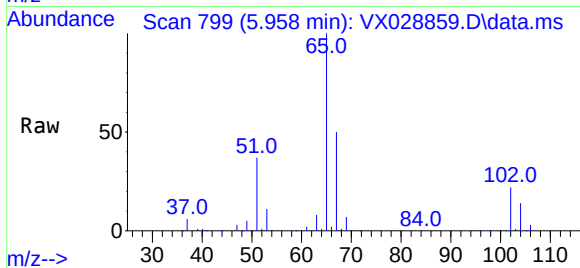
MW-38I

Tgt Ion: 65 Resp: 164148

Ion Ratio Lower Upper

65 100

67 51.3 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: VX028859.D

Acq: 20 May 2022 18:30

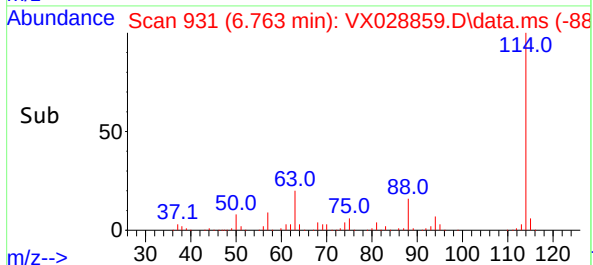
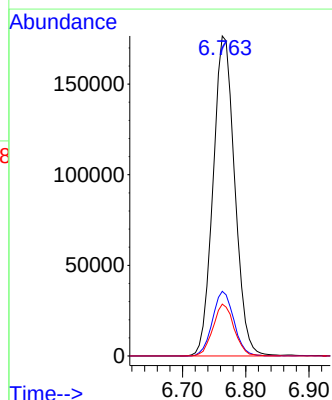
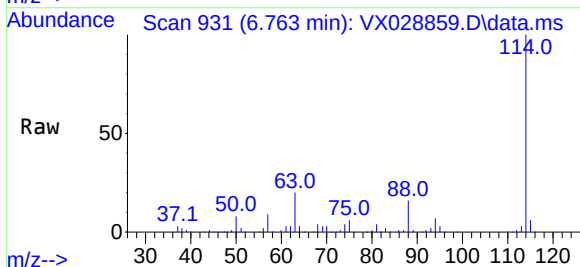
Tgt Ion: 114 Resp: 419719

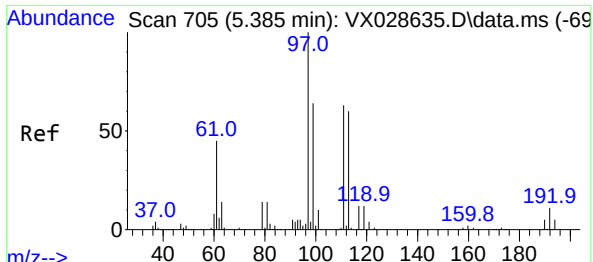
Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.8

88 16.2 0.0 32.4

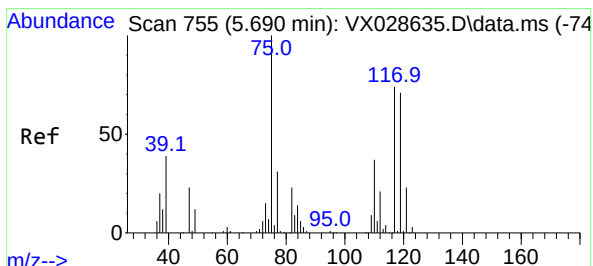
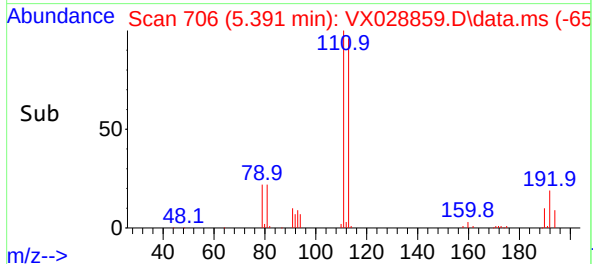
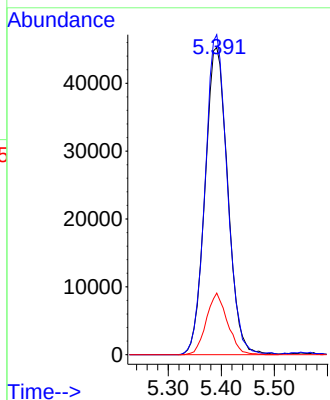
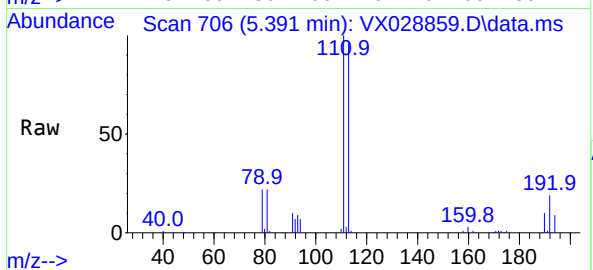




#35
Dibromofluoromethane
Concen: 48.940 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028859.D
Acq: 20 May 2022 18:30

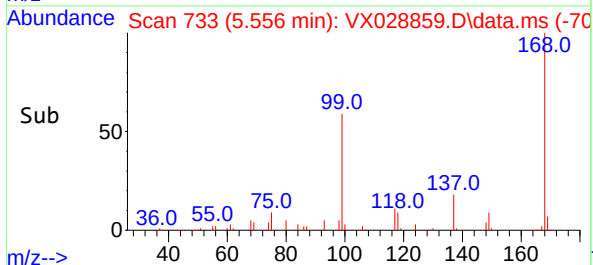
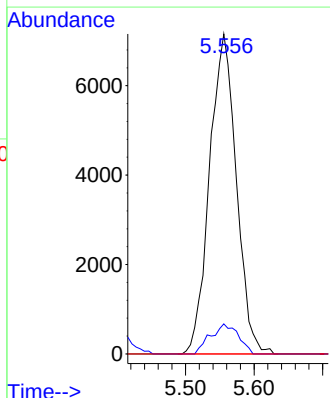
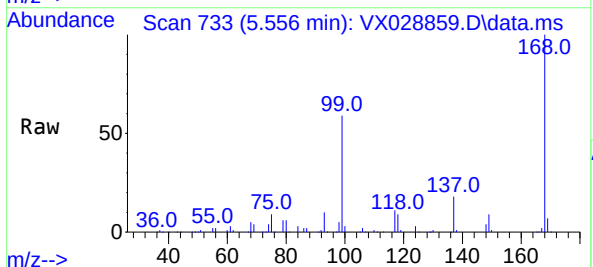
Instrument :
MSVOA_X
ClientSampleId :
MW-38I

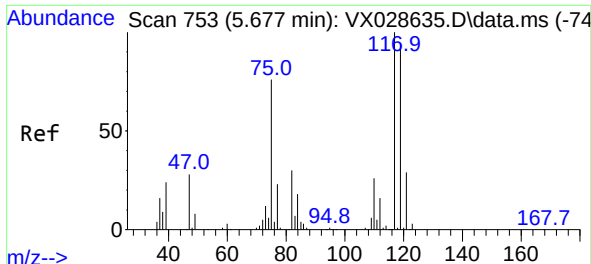
Tgt Ion:113 Resp: 134583
Ion Ratio Lower Upper
113 100
111 101.5 82.8 124.2
192 18.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.707 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX028859.D
Acq: 20 May 2022 18:30

Tgt Ion: 75 Resp: 19443
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 24.8 37.2#

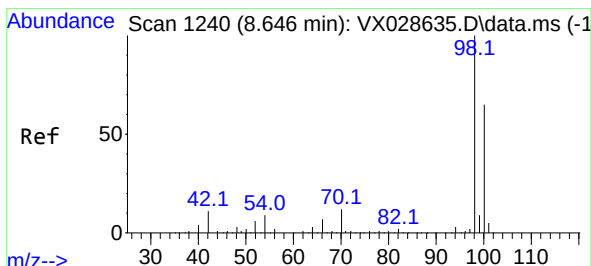
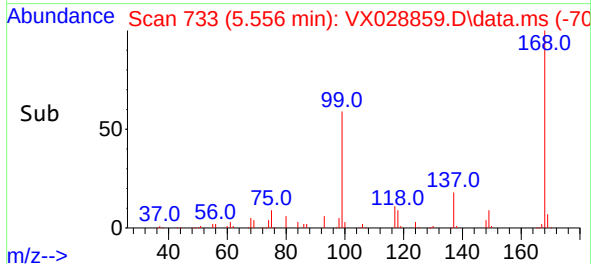
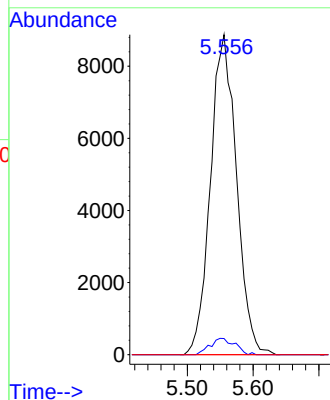
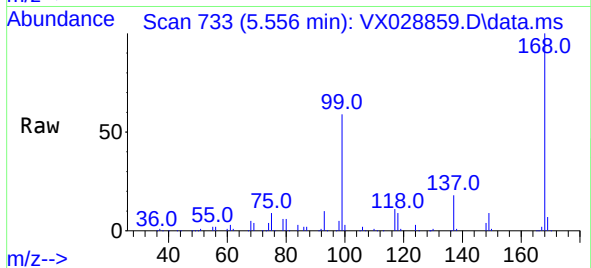




#38
Carbon Tetrachloride
Concen: 5.884 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX028859.D
Acq: 20 May 2022 18:30

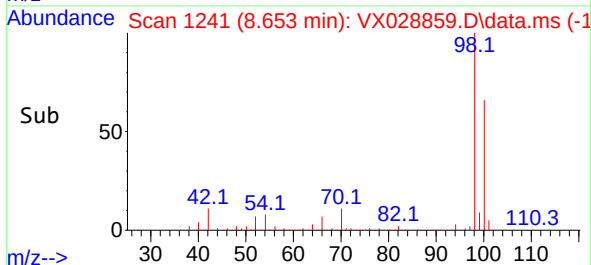
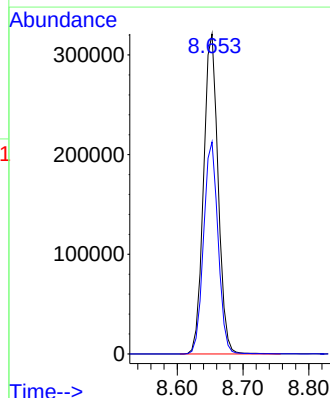
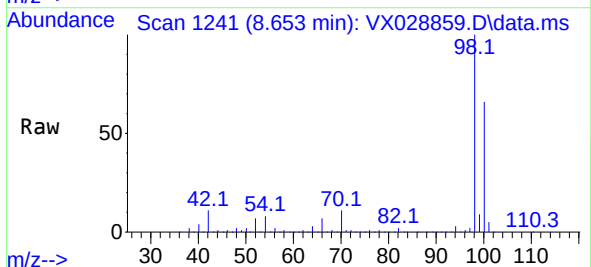
Instrument :
MSVOA_X
ClientSampleId :
MW-38I

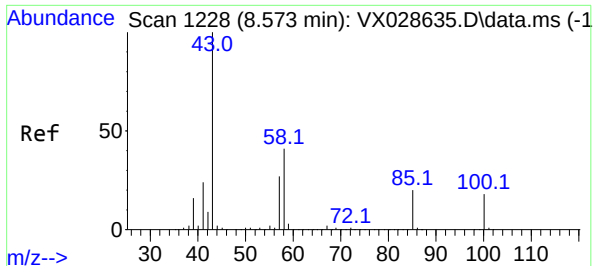
Tgt Ion:117 Resp: 24457
Ion Ratio Lower Upper
117 100
119 5.1 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 47.619 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028859.D
Acq: 20 May 2022 18:30

Tgt Ion: 98 Resp: 493698
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8

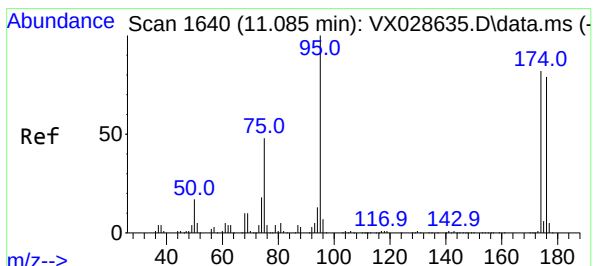
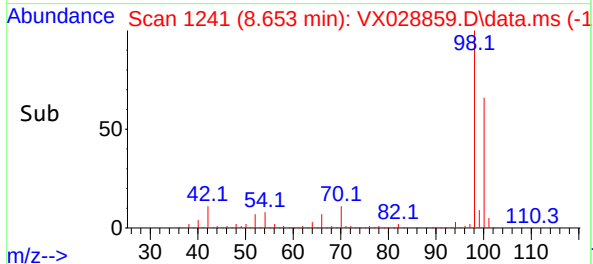
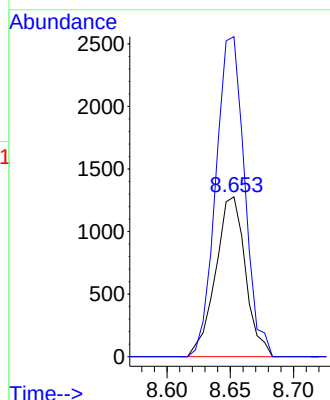
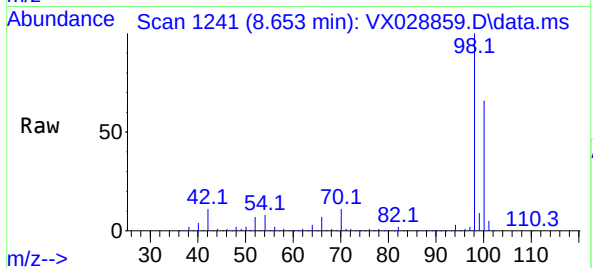




#51
4-Methyl-2-Pentanone
Concen: 0.473 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.080 min
Lab File: VX028859.D
Acq: 20 May 2022 18:30

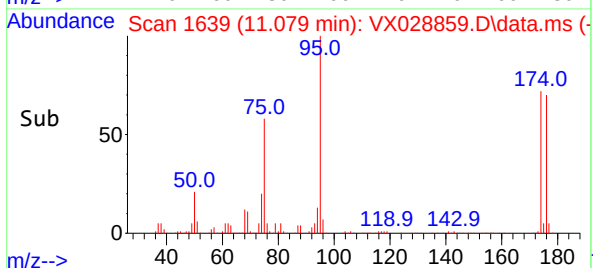
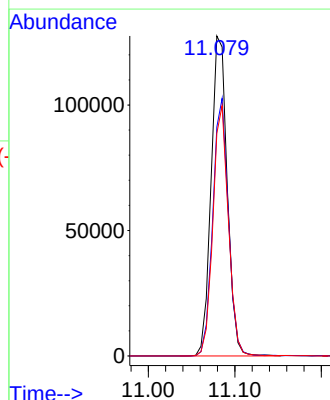
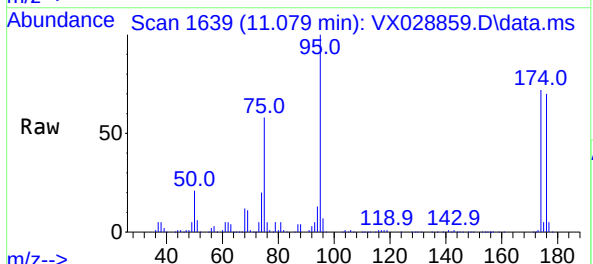
Instrument :
MSVOA_X
ClientSampleId :
MW-38I

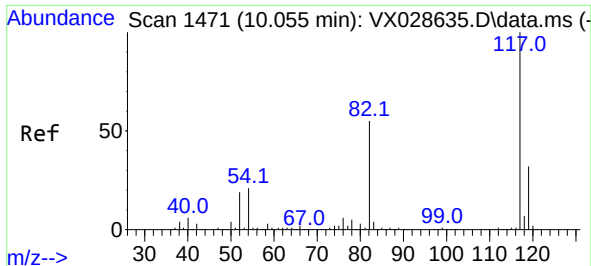
Tgt Ion: 43 Resp: 2101
Ion Ratio Lower Upper
43 100
58 192.3 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 42.617 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028859.D
Acq: 20 May 2022 18:30

Tgt Ion: 95 Resp: 165033
Ion Ratio Lower Upper
95 100
174 77.8 0.0 163.0
176 75.0 0.0 155.0

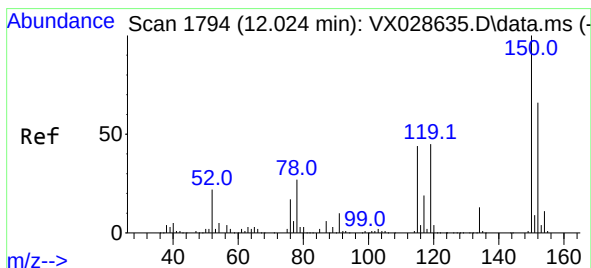
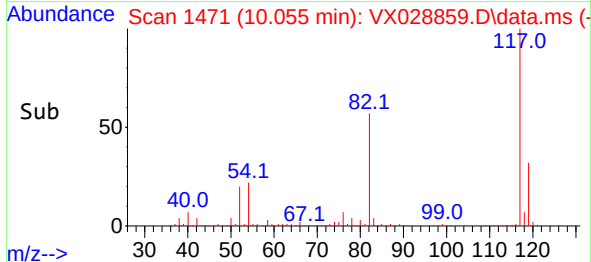
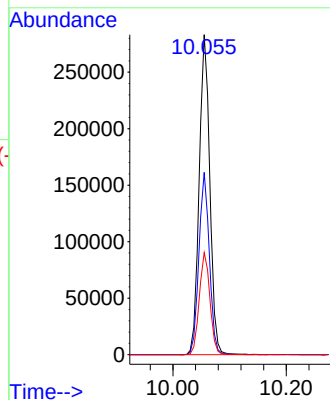
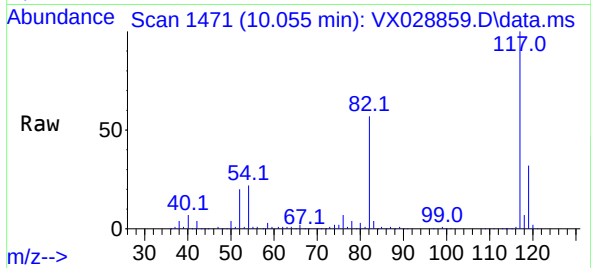




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028859.D
Acq: 20 May 2022 18:30

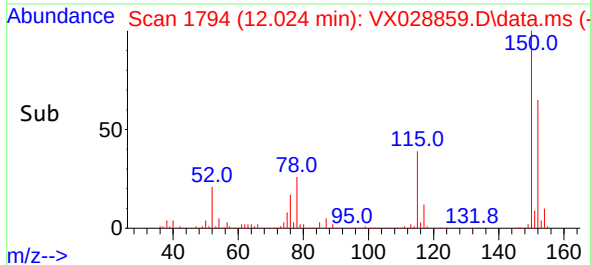
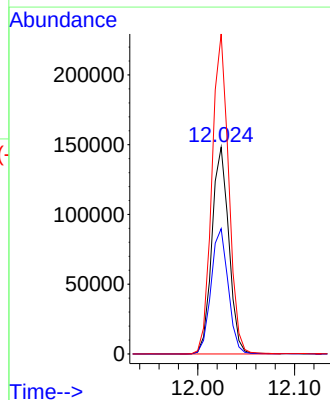
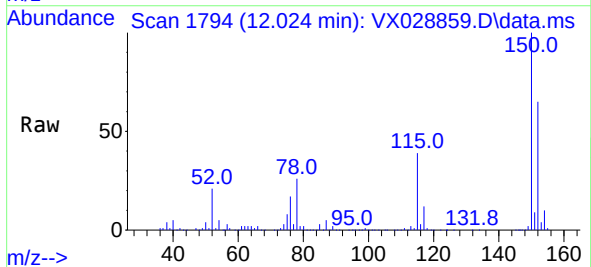
Instrument :
MSVOA_X
ClientSampleId :
MW-38I

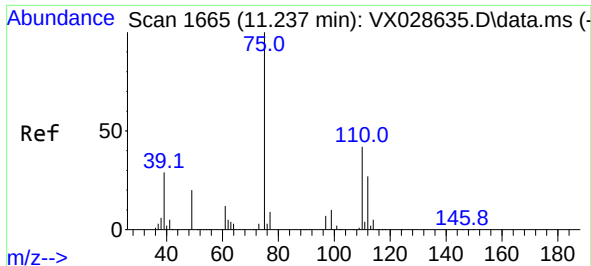
Tgt Ion:117 Resp: 368600
Ion Ratio Lower Upper
117 100
82 57.0 41.8 62.8
119 31.9 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028859.D
Acq: 20 May 2022 18:30

Tgt Ion:152 Resp: 180236
Ion Ratio Lower Upper
152 100
115 61.5 37.5 112.7
150 153.7 0.0 338.2

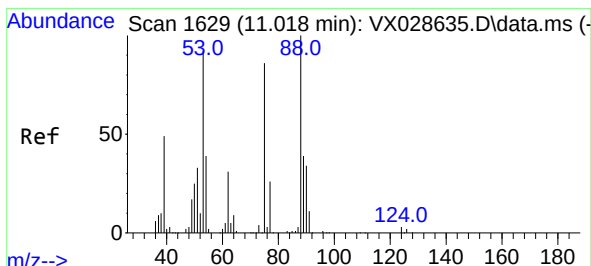
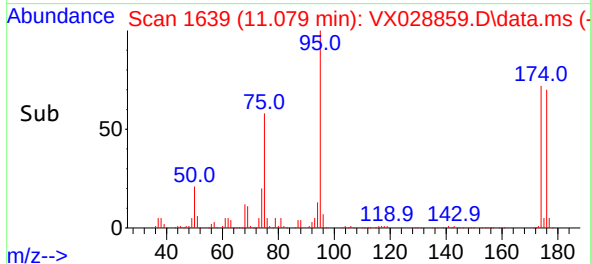
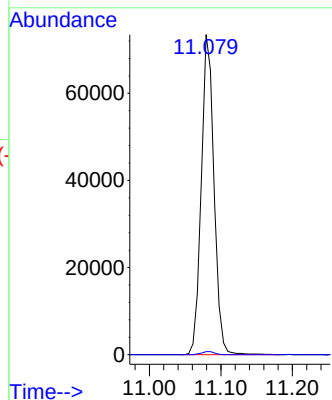
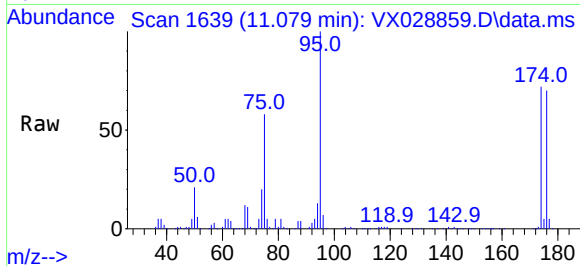




#76
1,2,3-Trichloropropane
Concen: 21.485 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028859.D
Acq: 20 May 2022 18:30

Instrument :
MSVOA_X
ClientSampleId :
MW-38I

Tgt Ion: 75 Resp: 90687
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.004 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028859.D
Acq: 20 May 2022 18:30

Tgt Ion: 75 Resp: 90687
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

