

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051922\
 Data File : VX028834.D
 Acq On : 19 May 2022 18:39
 Operator : JC/MD
 Sample : N2943-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-18R

Quant Time: May 20 01:49:52 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)

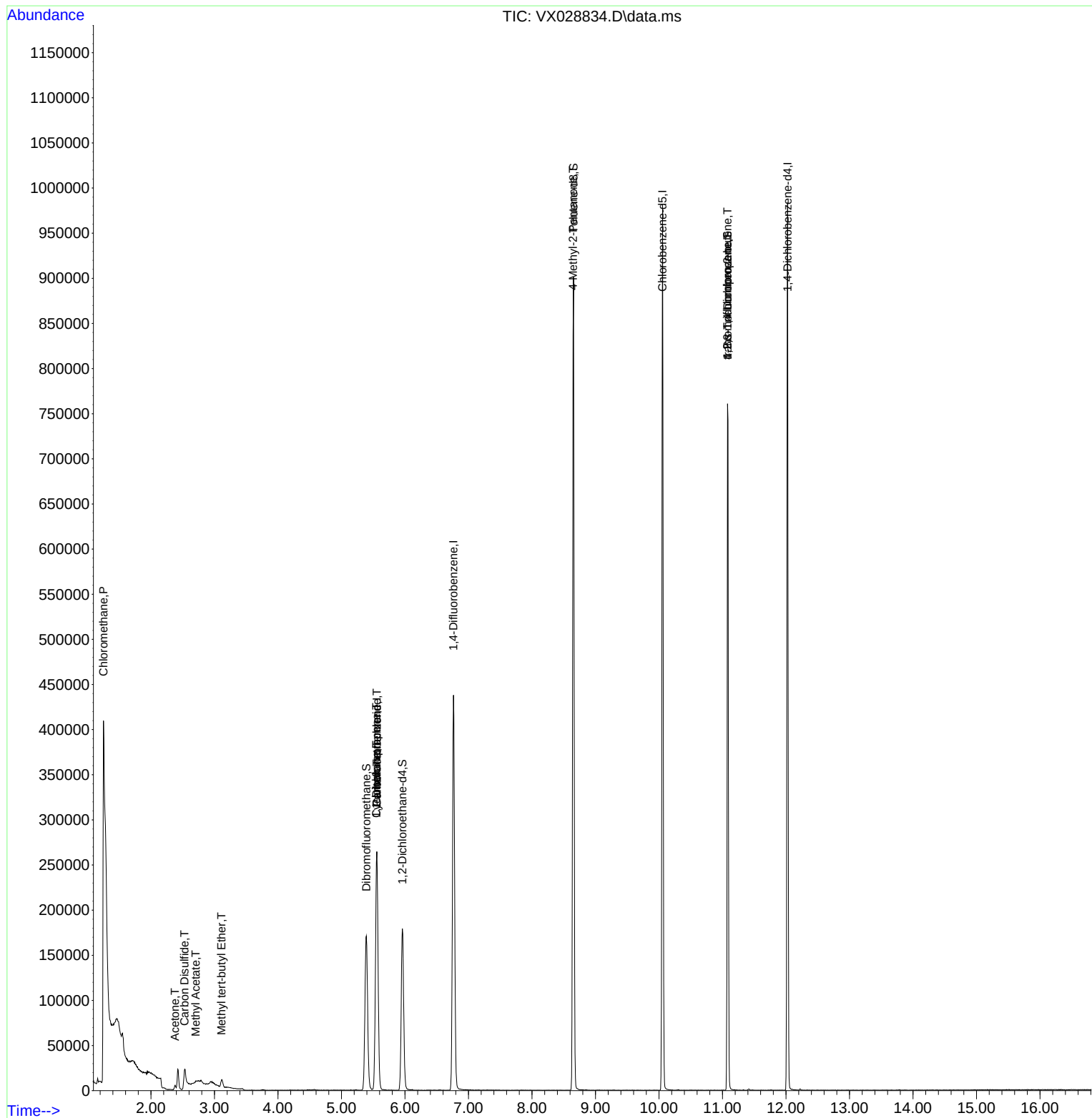
Internal Standards						
1) Pentafluorobenzene	5.556	168	244545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	443477	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	422394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	194281	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	170954	50.998	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.000%	
35) Dibromofluoromethane	5.391	113	148783	51.206	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.420%	
50) Toluene-d8	8.653	98	526134	48.028	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 96.060%	
62) 4-Bromofluorobenzene	11.079	95	199433	48.742	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 97.480%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.252	50	21798	7.228	ug/l #	42
5) Bromomethane	1.618	94	450	Below Cal		81
6) Chloroethane	1.935	64	1965	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	1621	Below Cal	#	72
16) Acetone	2.380	43	5454	3.791	ug/l #	79
17) Carbon Disulfide	2.526	76	20192	3.078	ug/l	100
18) Methyl Acetate	2.703	43	809	0.225	ug/l #	72
19) Methyl tert-butyl Ether	3.111	73	9247	1.030	ug/l	96
31) Cyclohexane	5.550	56	5915	1.271	ug/l #	43
36) 1,1-Dichloropropene	5.550	75	19580	4.487	ug/l #	50
38) Carbon Tetrachloride	5.556	117	26351	6.000	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2327	0.495	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	108216	23.784	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	108216	69.333	ug/l #	15

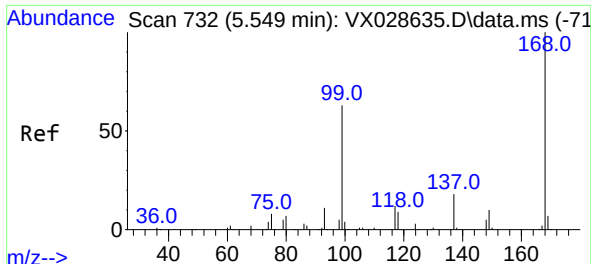
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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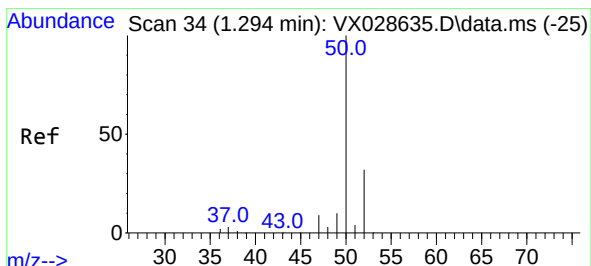
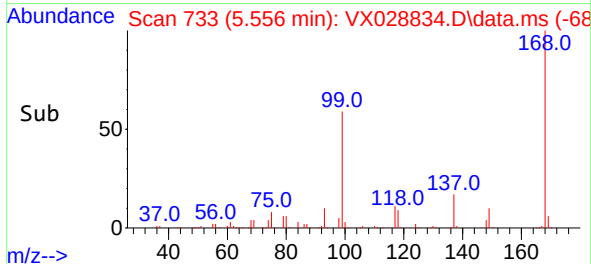
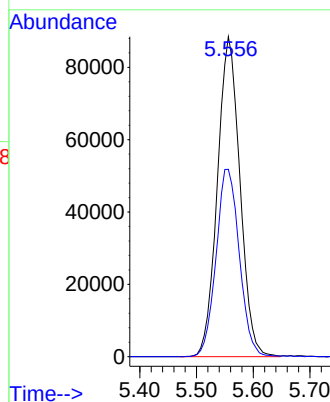
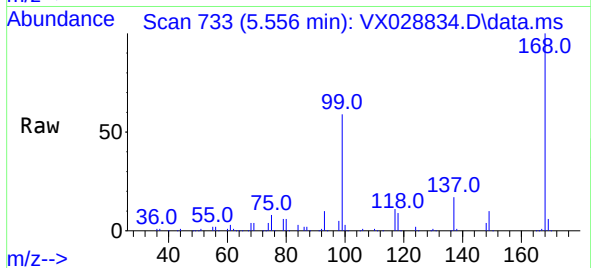




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028834.D
Acq: 19 May 2022 18:39

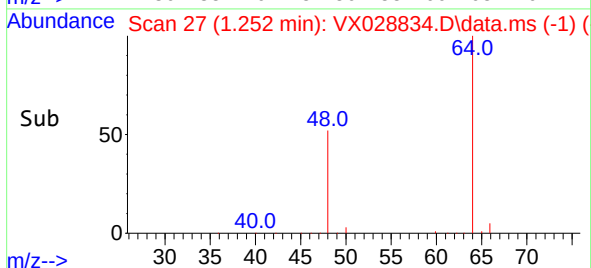
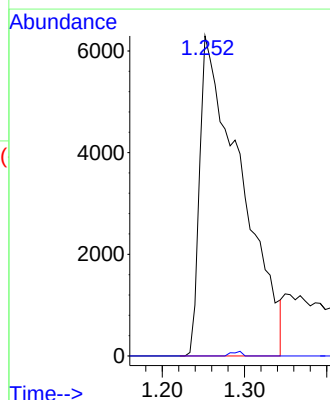
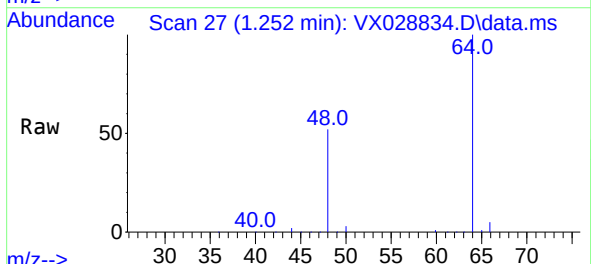
Instrument :
MSVOA_X
ClientSampleId :
MW-18R

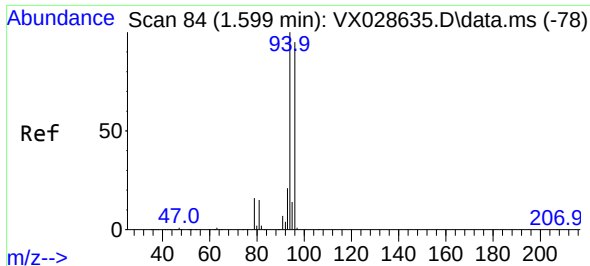
Tgt Ion:168 Resp: 244545
Ion Ratio Lower Upper
168 100
99 58.6 41.7 62.5



#3
Chloromethane
Concen: 7.228 ug/l
RT: 1.252 min Scan# 27
Delta R.T. -0.042 min
Lab File: VX028834.D
Acq: 19 May 2022 18:39

Tgt Ion: 50 Resp: 21798
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

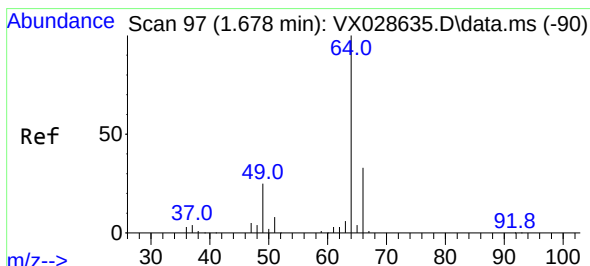
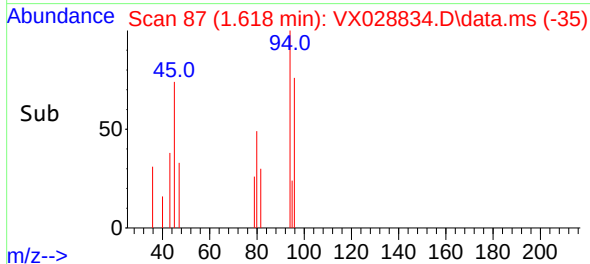
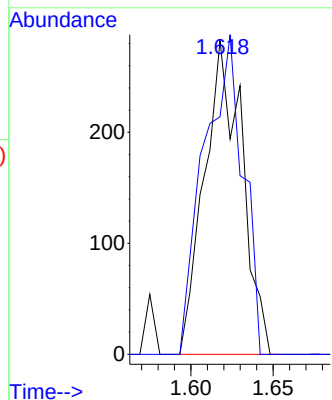
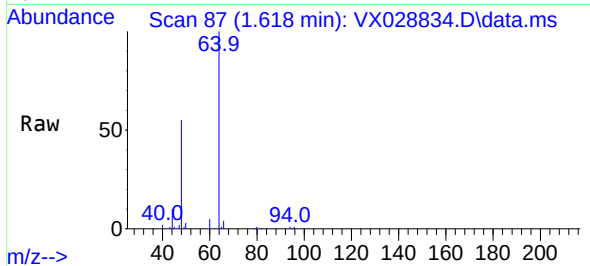




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX028834.D
Acq: 19 May 2022 18:39

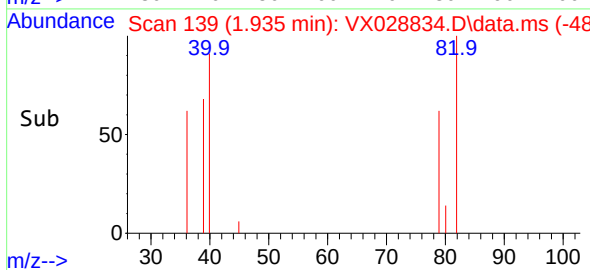
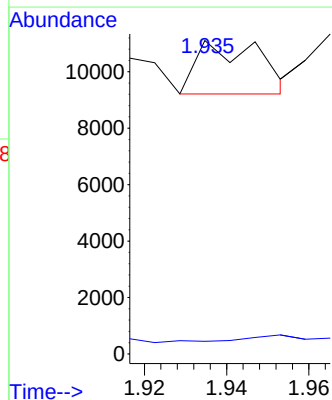
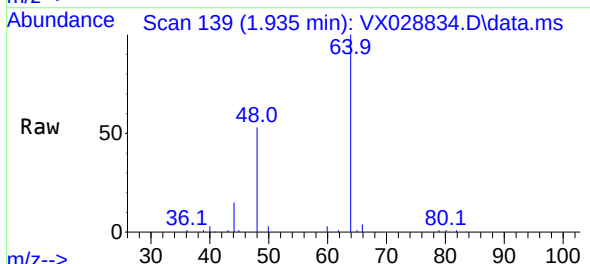
Instrument :
MSVOA_X
ClientSampleId :
MW-18R

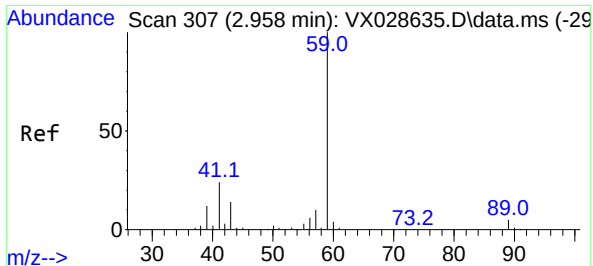
Tgt Ion: 94 Resp: 450
Ion Ratio Lower Upper
94 100
96 75.6 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.935 min Scan# 139
Delta R.T. 0.257 min
Lab File: VX028834.D
Acq: 19 May 2022 18:39

Tgt Ion: 64 Resp: 1965
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 307

Delta R.T. -0.011 min

Lab File: VX028834.D

Acq: 19 May 2022 18:39

Instrument :

MSVOA_X

ClientSampleId :

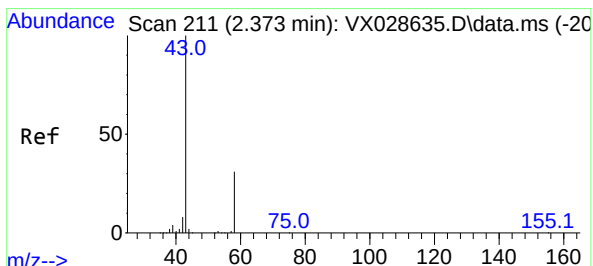
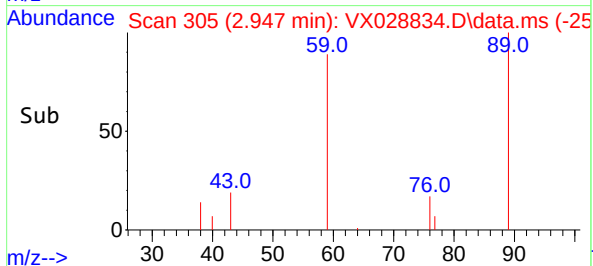
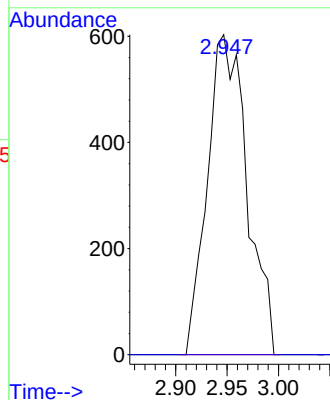
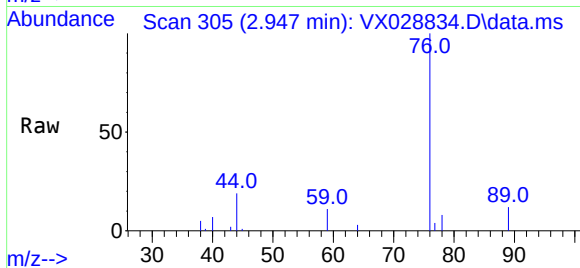
MW-18R

Tgt Ion: 59 Resp: 1621

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 3.791 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.007 min

Lab File: VX028834.D

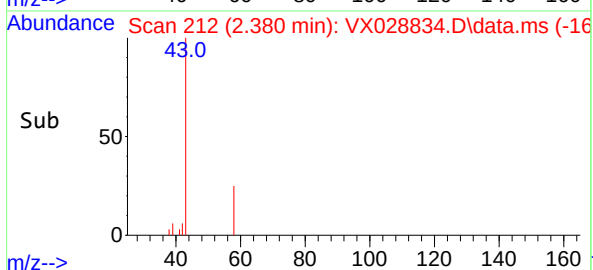
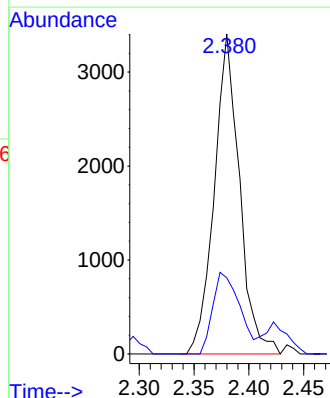
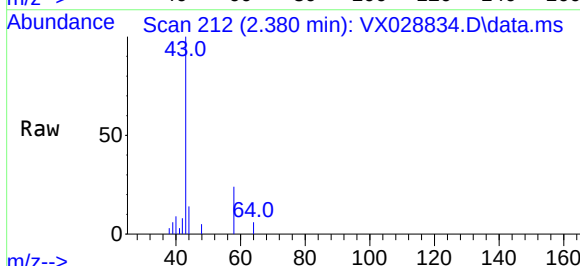
Acq: 19 May 2022 18:39

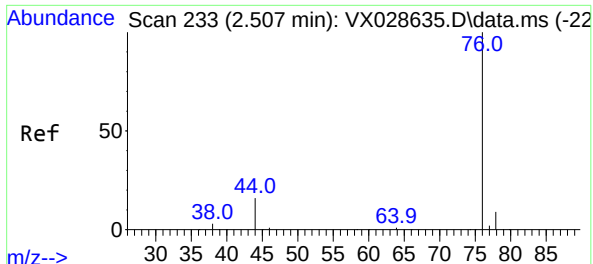
Tgt Ion: 43 Resp: 5454

Ion Ratio Lower Upper

43 100

58 23.8 28.8 43.2#

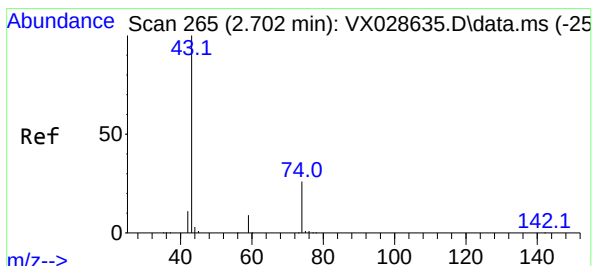
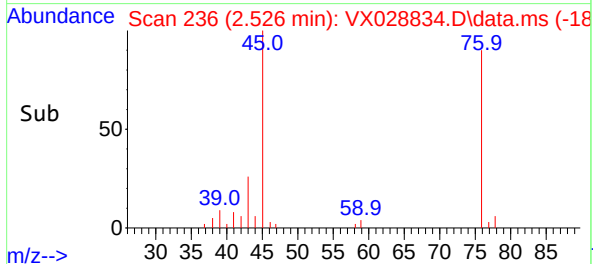
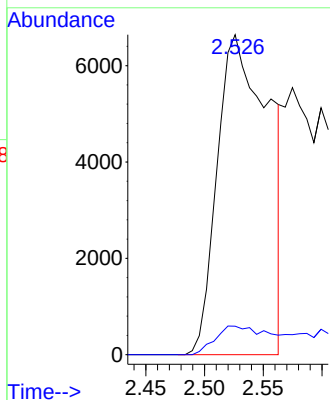
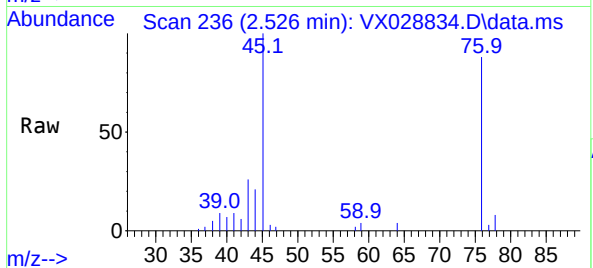




#17
Carbon Disulfide
Concen: 3.078 ug/l
RT: 2.526 min Scan# 21
Delta R.T. 0.019 min
Lab File: VX028834.D
Acq: 19 May 2022 18:39

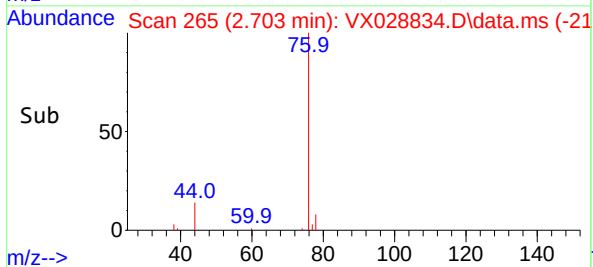
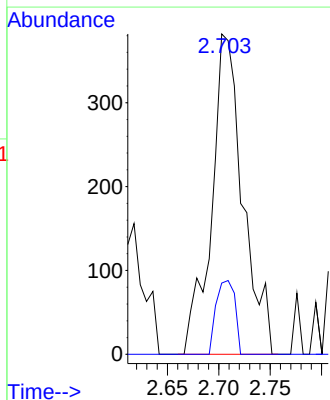
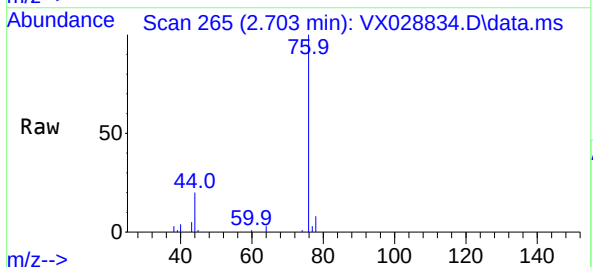
Instrument :
MSVOA_X
ClientSampleId :
MW-18R

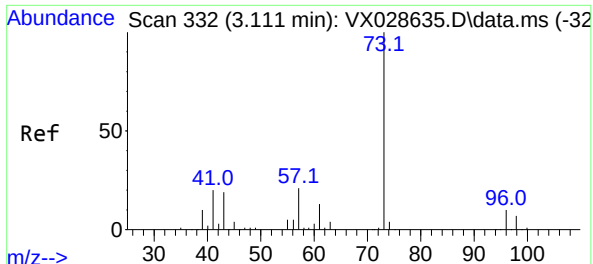
Tgt Ion: 76 Resp: 20192
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 0.225 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.001 min
Lab File: VX028834.D
Acq: 19 May 2022 18:39

Tgt Ion: 43 Resp: 809
Ion Ratio Lower Upper
43 100
74 13.7 22.8 34.2#





#19

Methyl tert-butyl Ether

Concen: 1.030 ug/l

RT: 3.111 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX028834.D

Acq: 19 May 2022 18:39

Instrument :

MSVOA_X

ClientSampleId :

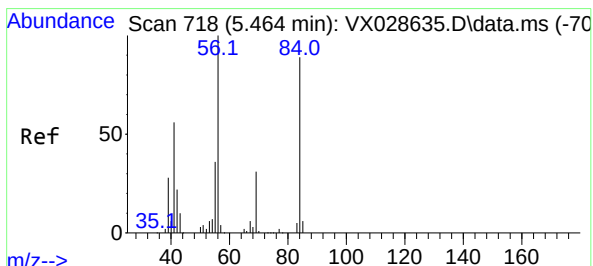
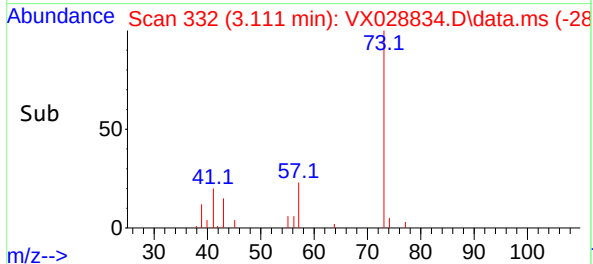
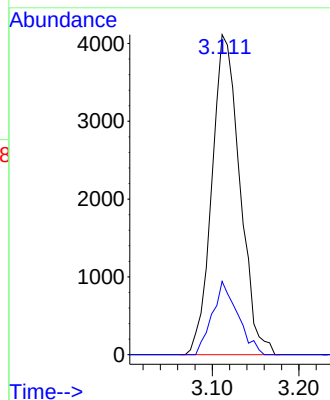
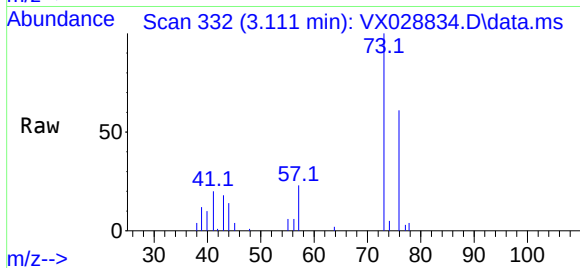
MW-18R

Tgt Ion: 73 Resp: 9247

Ion Ratio Lower Upper

73 100

57 22.9 16.8 25.2



#31

Cyclohexane

Concen: 1.271 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.086 min

Lab File: VX028834.D

Acq: 19 May 2022 18:39

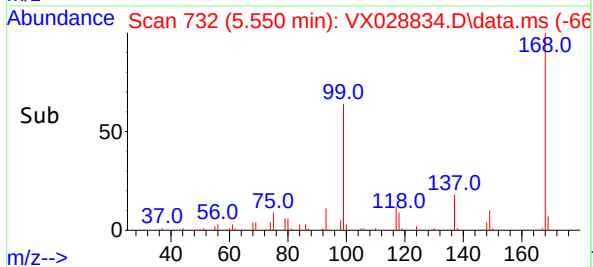
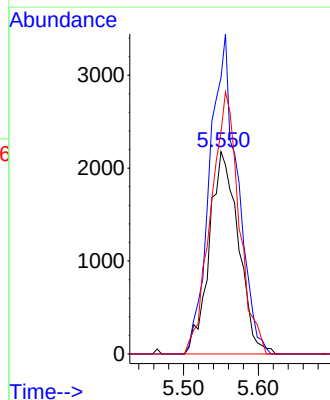
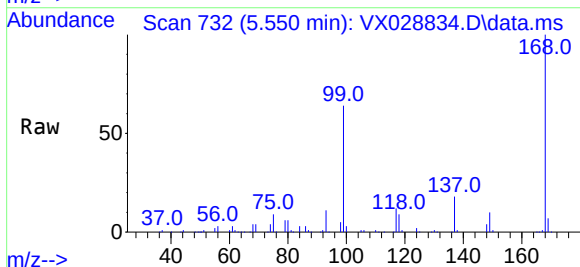
Tgt Ion: 56 Resp: 5915

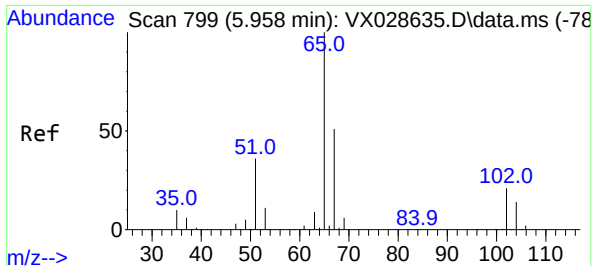
Ion Ratio Lower Upper

56 100

69 136.7 26.7 40.1#

84 109.7 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 50.998 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028834.D

Acq: 19 May 2022 18:39

Instrument :

MSVOA_X

ClientSampleId :

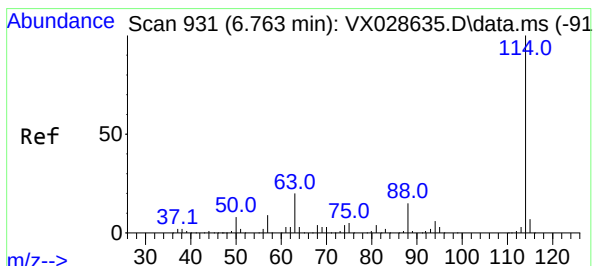
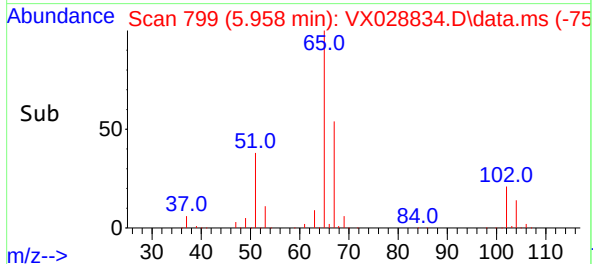
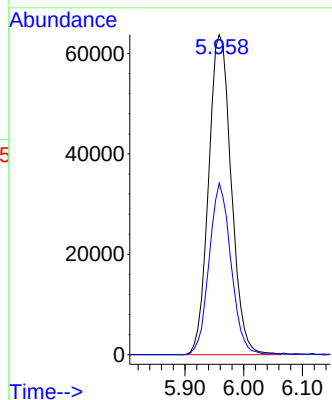
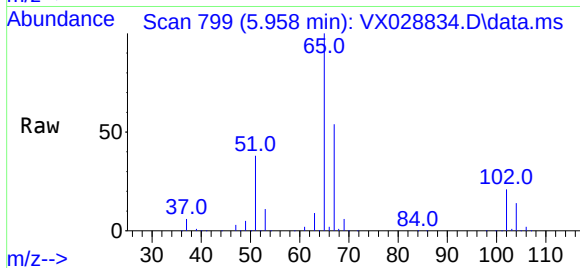
MW-18R

Tgt Ion: 65 Resp: 170954

Ion Ratio Lower Upper

65 100

67 51.6 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX028834.D

Acq: 19 May 2022 18:39

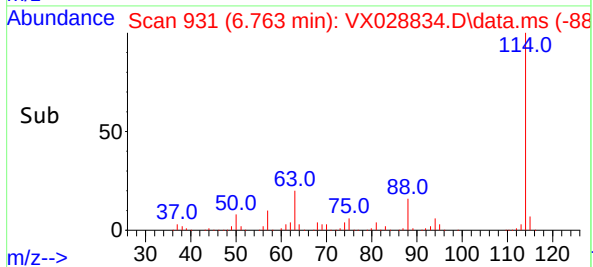
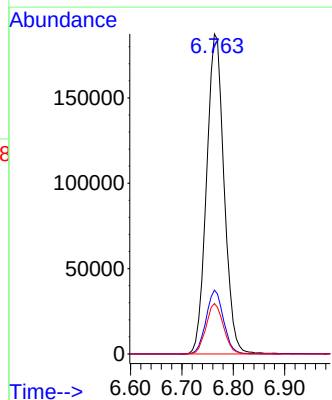
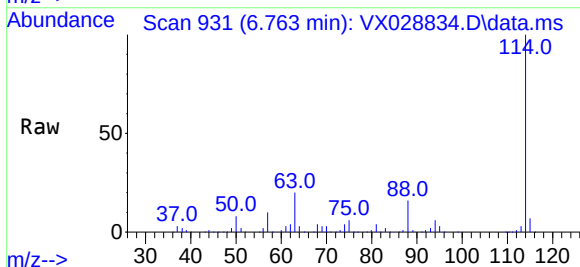
Tgt Ion: 114 Resp: 443477

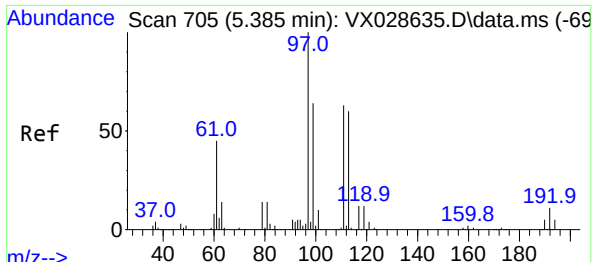
Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.8

88 15.7 0.0 32.4

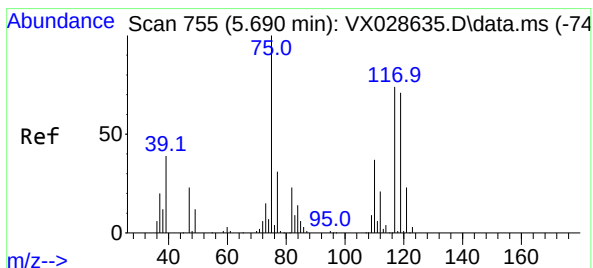
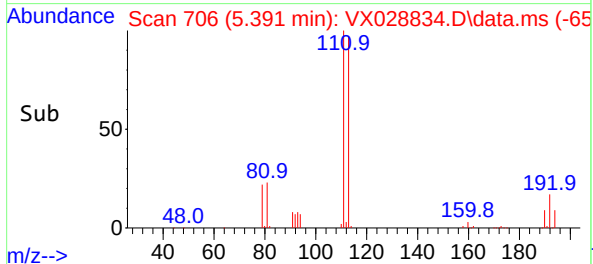
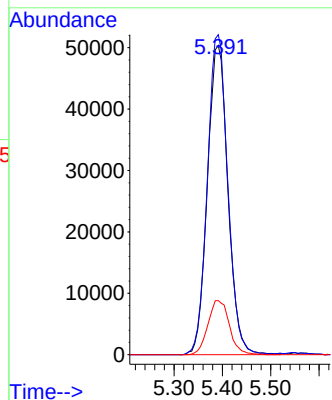
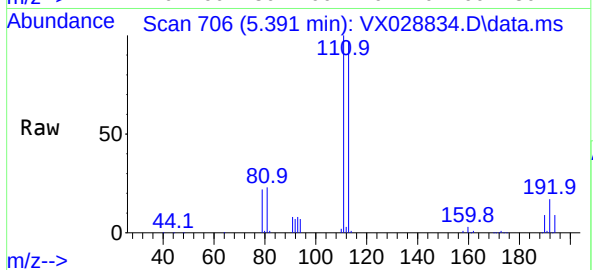




#35
Dibromofluoromethane
Concen: 51.206 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028834.D
Acq: 19 May 2022 18:39

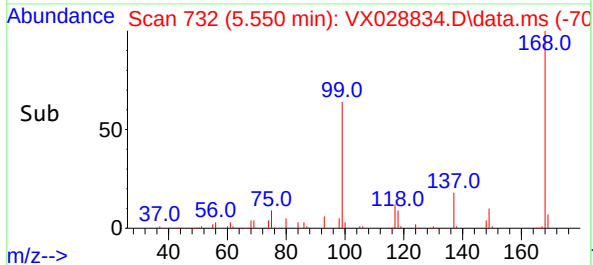
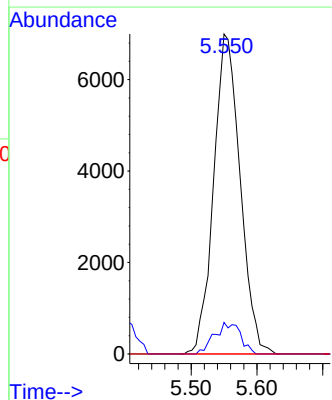
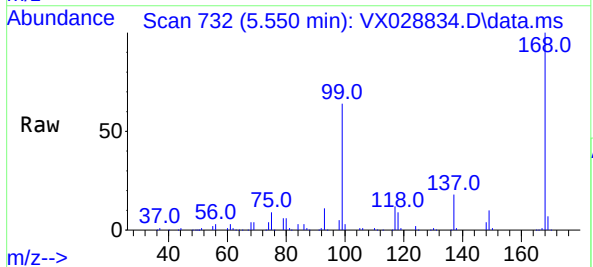
Instrument :
MSVOA_X
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MW-18R

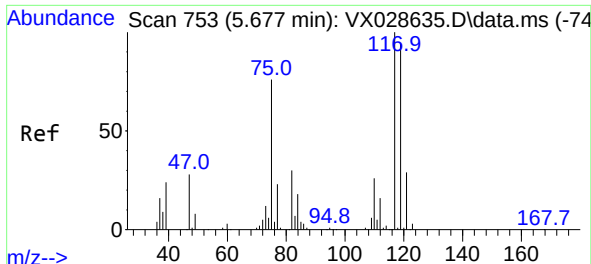
Tgt Ion:113 Resp: 148783
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 18.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.487 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX028834.D
Acq: 19 May 2022 18:39

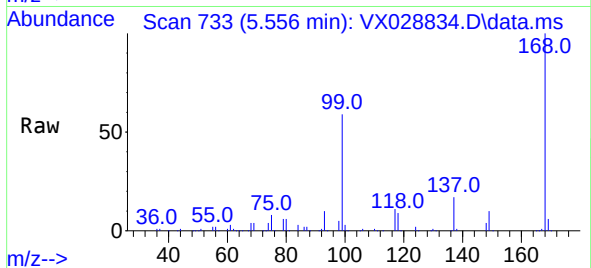
Tgt Ion: 75 Resp: 19580
Ion Ratio Lower Upper
75 100
110 9.6 18.3 54.8#
77 0.0 24.8 37.2#



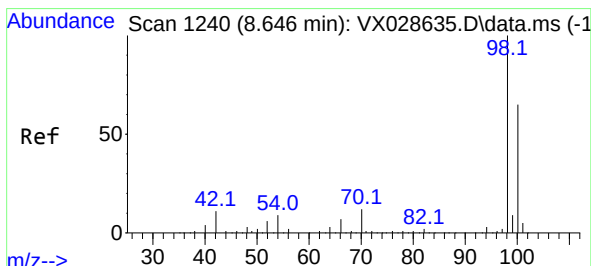
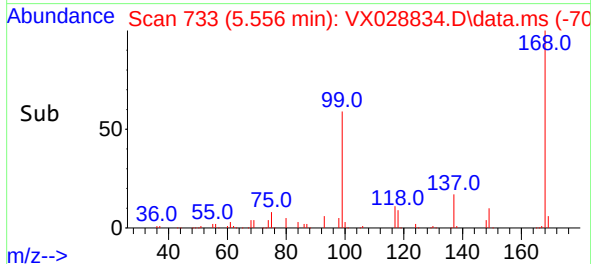
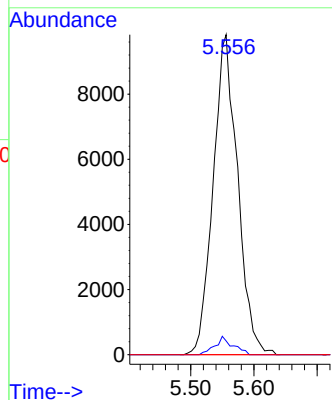


#38
Carbon Tetrachloride
Concen: 6.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX028834.D
Acq: 19 May 2022 18:39

Instrument :
MSVOA_X
ClientSampleId :
MW-18R

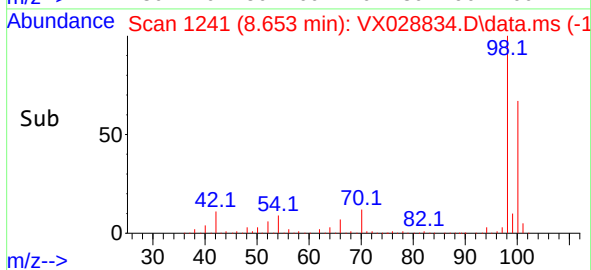
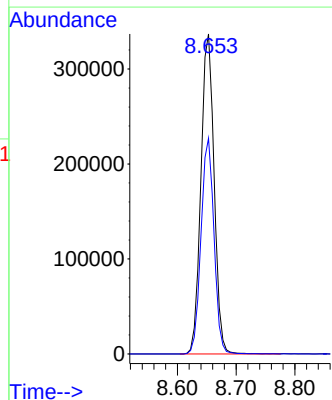
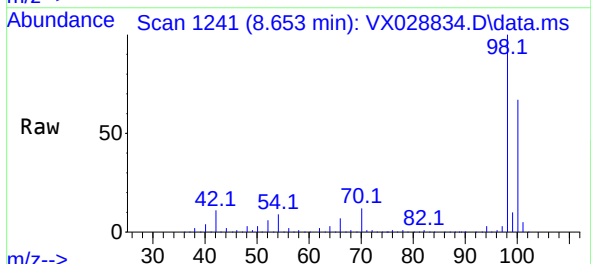


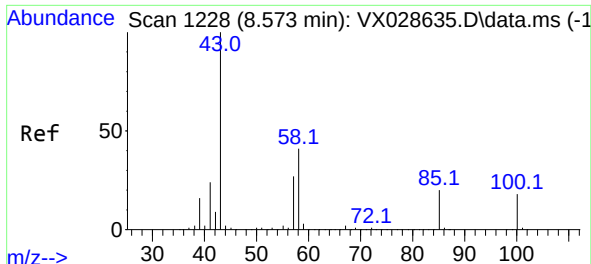
Tgt Ion:117 Resp: 26351
Ion Ratio Lower Upper
117 100
119 4.3 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.028 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028834.D
Acq: 19 May 2022 18:39

Tgt Ion: 98 Resp: 526134
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8

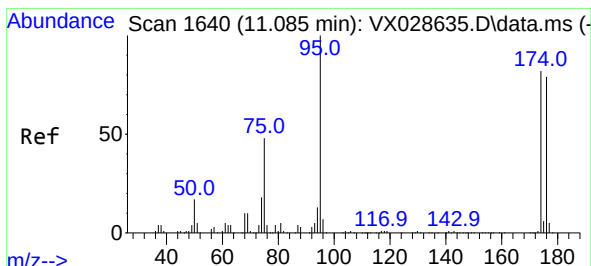
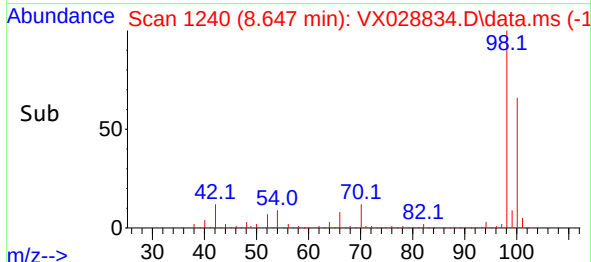
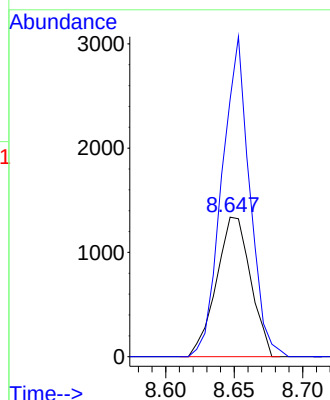
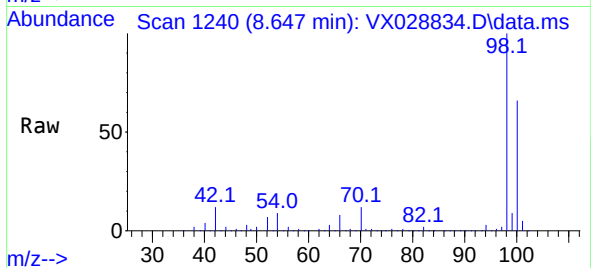




#51
4-Methyl-2-Pentanone
Concen: 0.495 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX028834.D
Acq: 19 May 2022 18:39

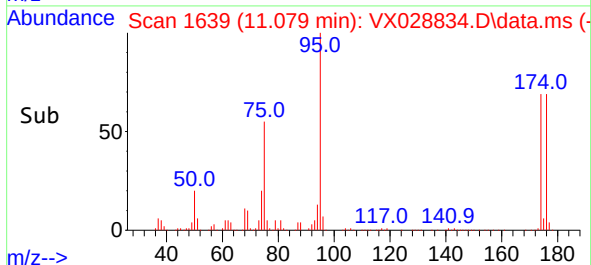
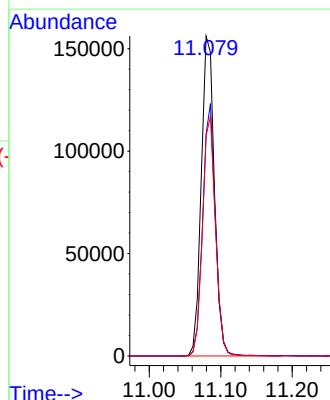
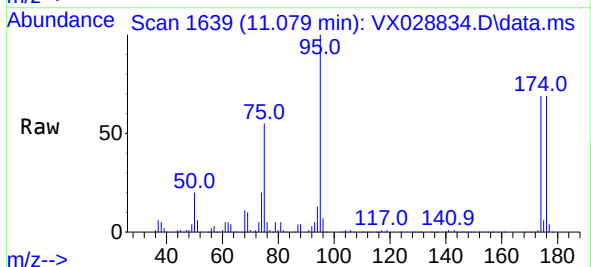
Instrument :
MSVOA_X
ClientSampleId :
MW-18R

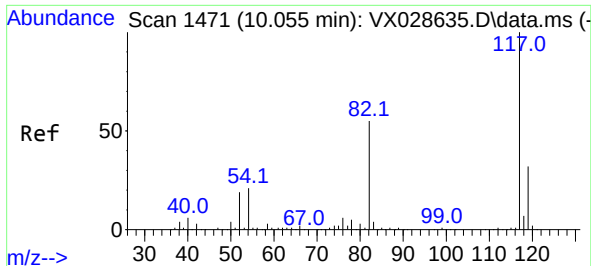
Tgt Ion: 43 Resp: 2327
Ion Ratio Lower Upper
43 100
58 186.2 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 48.742 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028834.D
Acq: 19 May 2022 18:39

Tgt Ion: 95 Resp: 199433
Ion Ratio Lower Upper
95 100
174 75.9 0.0 163.0
176 73.8 0.0 155.0

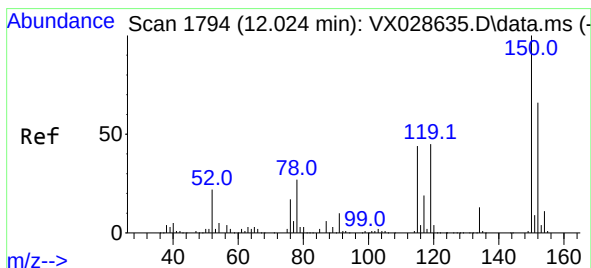
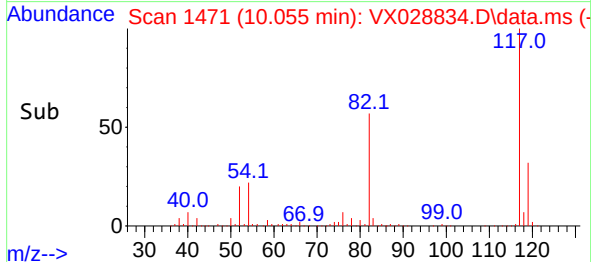
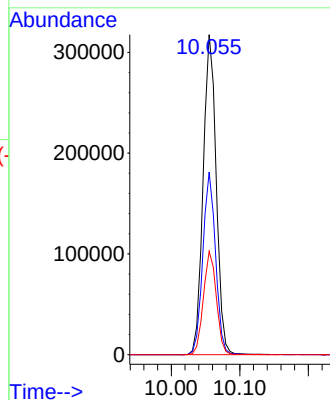
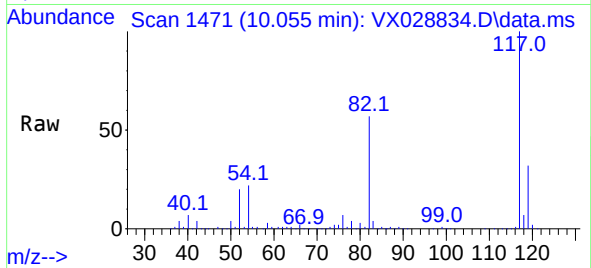




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028834.D
Acq: 19 May 2022 18:39

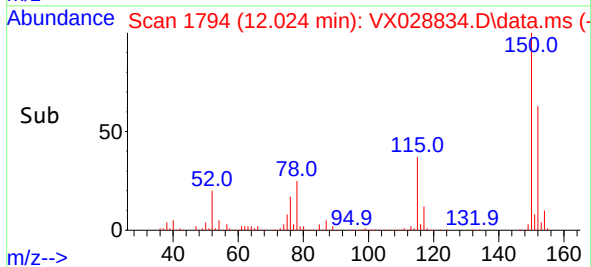
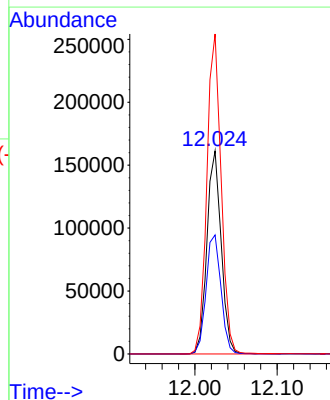
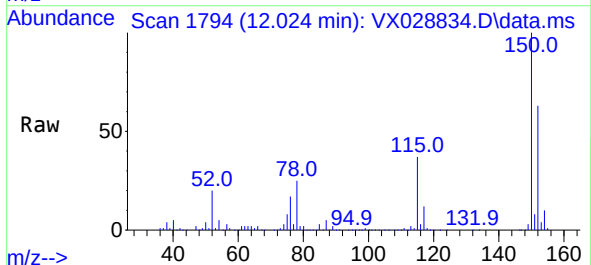
Instrument :
MSVOA_X
ClientSampleId :
MW-18R

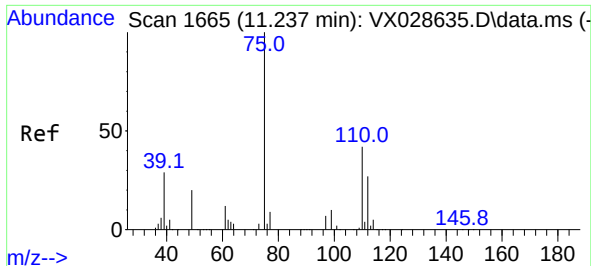
Tgt Ion:117 Resp: 422394
Ion Ratio Lower Upper
117 100
82 57.0 41.8 62.8
119 32.3 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028834.D
Acq: 19 May 2022 18:39

Tgt Ion:152 Resp: 194281
Ion Ratio Lower Upper
152 100
115 61.5 37.5 112.7
150 157.7 0.0 338.2

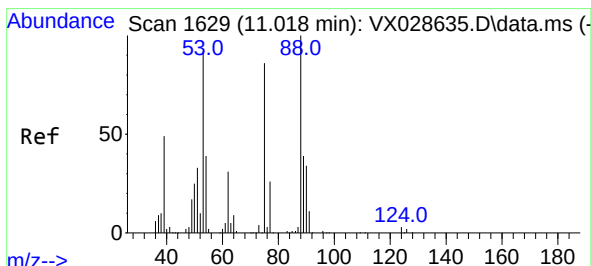
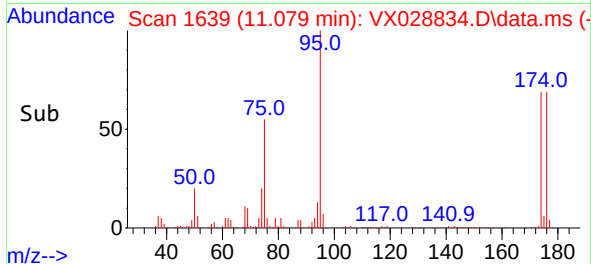
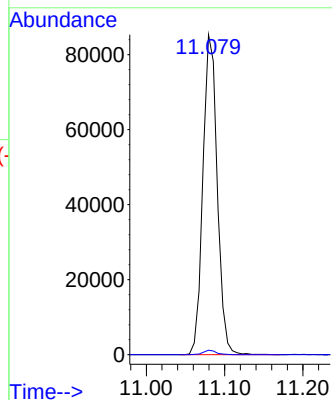
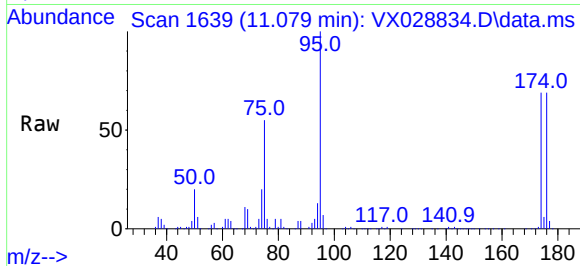




#76
1,2,3-Trichloropropane
Concen: 23.784 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028834.D
Acq: 19 May 2022 18:39

Instrument :
MSVOA_X
ClientSampleId :
MW-18R

Tgt Ion: 75 Resp: 108216
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.333 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028834.D
Acq: 19 May 2022 18:39

Tgt Ion: 75 Resp: 108216
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

