

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041222\
 Data File : VX028074.D
 Acq On : 12 Apr 2022 22:13
 Operator : JC/MD
 Sample : N2334-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-21RR

Quant Time: Apr 13 01:15:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 12 22:07:23 2022
 Response via : Initial Calibration

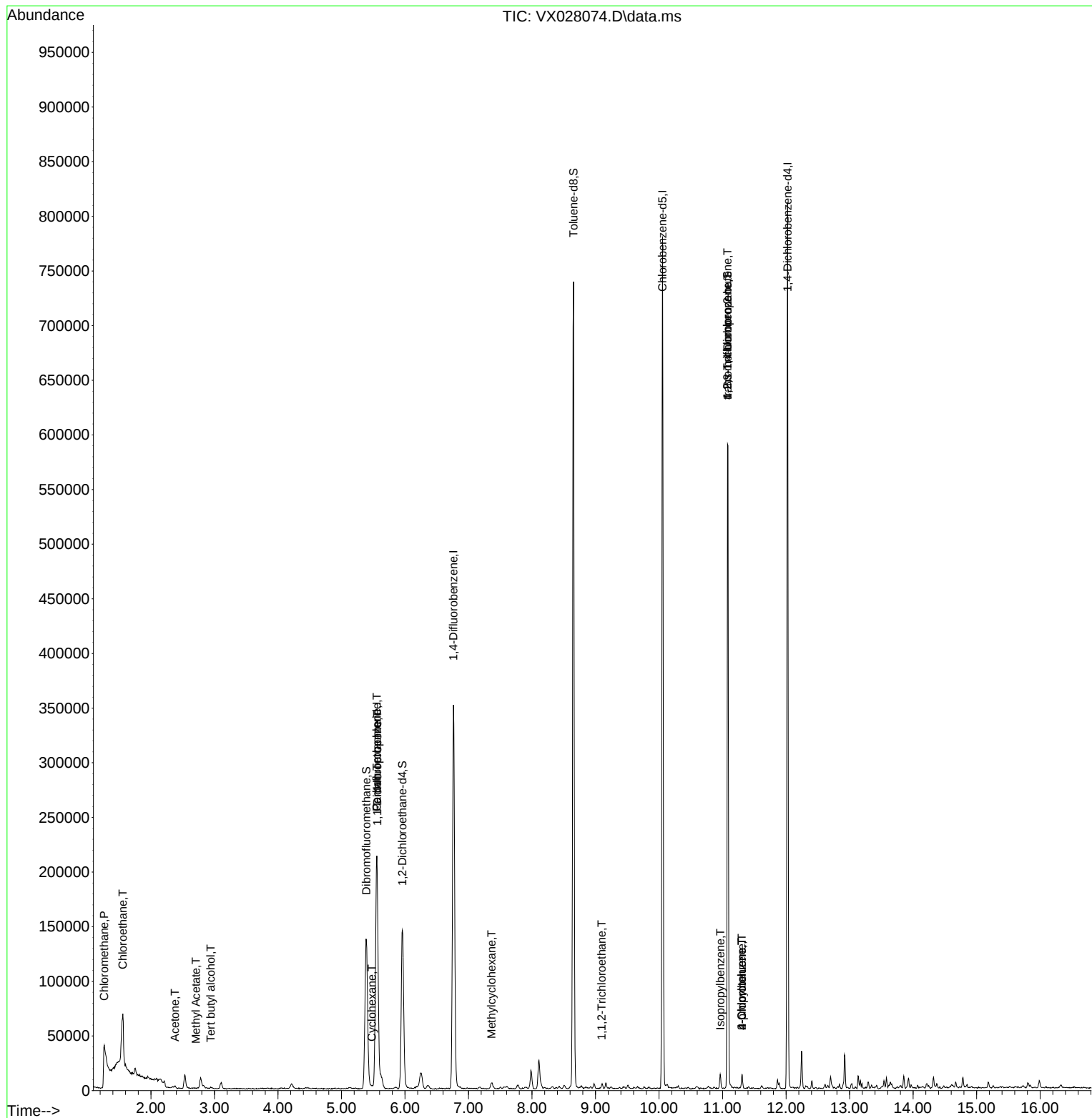
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	203445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	354356	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	333452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	154326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	134550	48.748	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.500%
35) Dibromofluoromethane	5.391	113	117148	50.452	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.900%
50) Toluene-d8	8.653	98	431120	49.783	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.560%
62) 4-Bromofluorobenzene	11.079	95	145367	44.957	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.920%
Target Compounds						
					Qvalue	
3) Chloromethane	1.264	50	716	0.328	ug/l #	42
5) Bromomethane	1.611	94	519	Below Cal		100
6) Chloroethane	1.557	64	76153	36.000	ug/l #	53
11) Tert butyl alcohol	2.941	59	457	0.713	ug/l #	72
13) Acrolein	2.209	56	345	Below Cal	#	1
16) Acetone	2.380	43	1910	1.661	ug/l	96
18) Methyl Acetate	2.709	43	693	0.226	ug/l #	46
31) Cyclohexane	5.477	56	1493	0.393	ug/l #	69
36) 1,1-Dichloropropene	5.562	75	16242	4.583	ug/l #	50
38) Carbon Tetrachloride	5.556	117	19802	5.234	ug/l #	15
39) Methylcyclohexane	7.360	83	1200	0.286	ug/l #	44
55) 1,1,2-Trichloroethane	9.098	97	1527	0.548	ug/l #	19
73) Isopropylbenzene	10.963	105	6619	0.604	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	81142	23.617	ug/l #	38
78) n-propylbenzene	11.305	91	8264	0.649	ug/l	98
79) 2-Chlorotoluene	11.305	91	8264	1.070	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	81142	66.518	ug/l #	15
82) 4-Chlorotoluene	11.305	91	8264	0.909	ug/l #	45

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041222\
Data File : VX028074.D
Acq On : 12 Apr 2022 22:13
Operator : JC/MD
Sample : N2334-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-21RR

Quant Time: Apr 13 01:15:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 12 22:07:23 2022
Response via : Initial Calibration

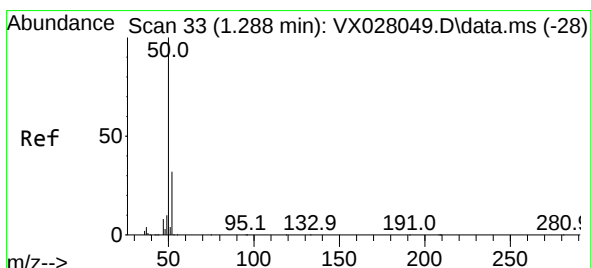
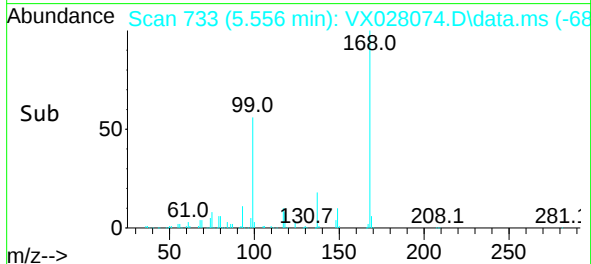
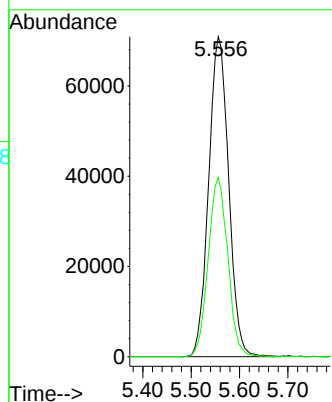
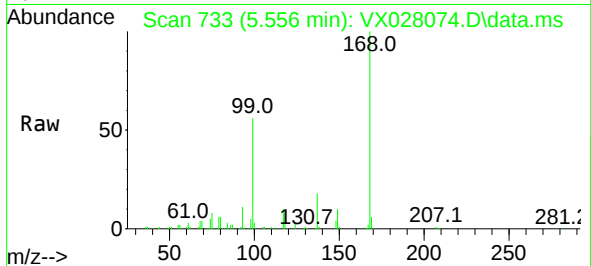




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028074.D
Acq: 12 Apr 2022 22:13

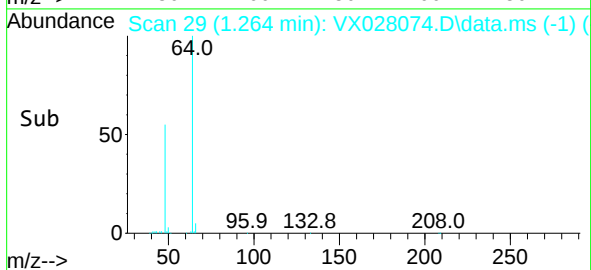
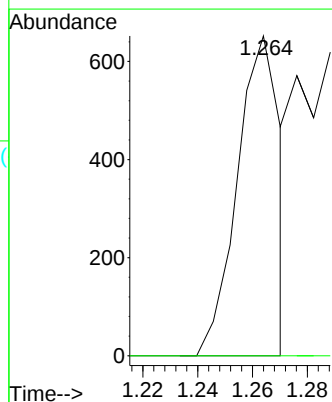
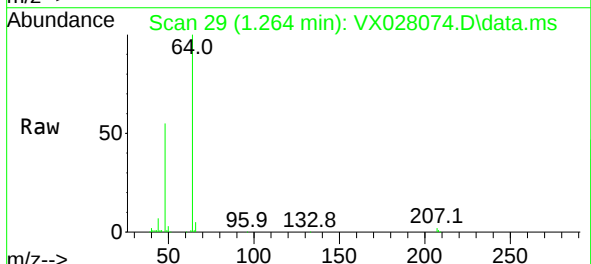
Instrument :
MSVOA_X
ClientSampleId :
MW-21RR

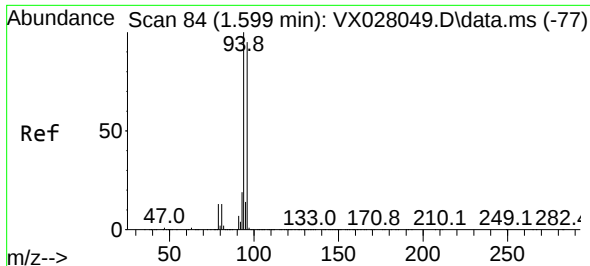
Tgt Ion:168 Resp: 203445
Ion Ratio Lower Upper
168 100
99 56.0 41.7 62.5



#3
Chloromethane
Concen: 0.328 ug/l
RT: 1.264 min Scan# 29
Delta R.T. -0.024 min
Lab File: VX028074.D
Acq: 12 Apr 2022 22:13

Tgt Ion: 50 Resp: 716
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

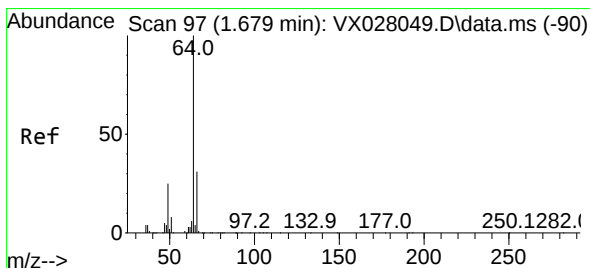
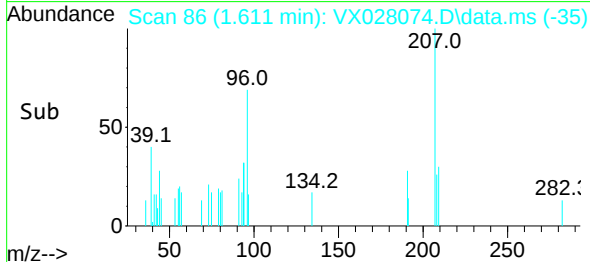
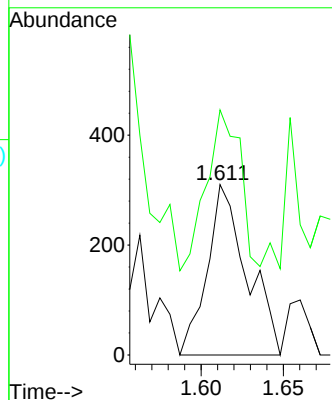
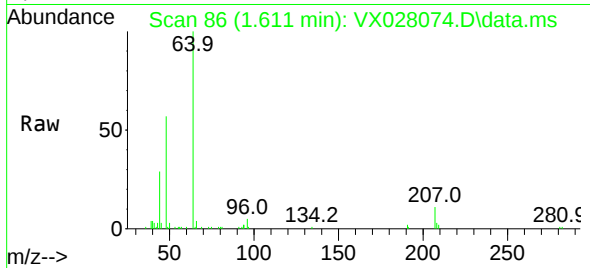




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX028074.D
Acq: 12 Apr 2022 22:13

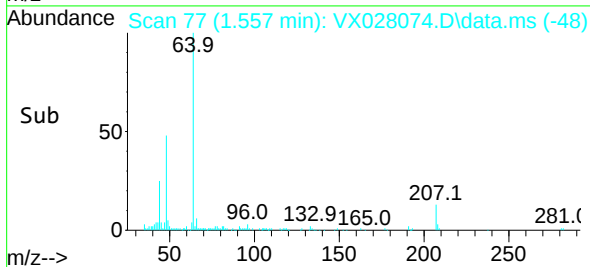
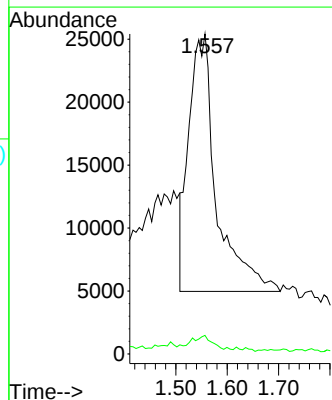
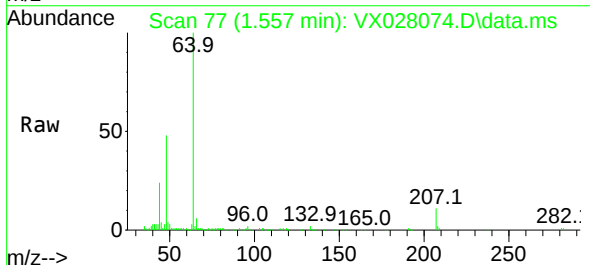
Instrument :
MSVOA_X
ClientSampleId :
MW-21RR

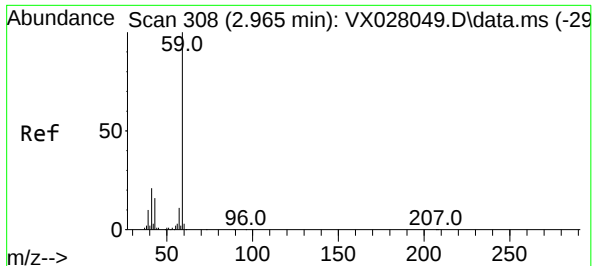
Tgt Ion: 94 Resp: 519
Ion Ratio Lower Upper
94 100
96 94.5 75.3 112.9



#6
Chloroethane
Concen: 36.000 ug/l
RT: 1.557 min Scan# 77
Delta R.T. -0.122 min
Lab File: VX028074.D
Acq: 12 Apr 2022 22:13

Tgt Ion: 64 Resp: 76153
Ion Ratio Lower Upper
64 100
66 5.6 25.3 37.9





#11

Tert butyl alcohol

Concen: 0.713 ug/l

RT: 2.941 min Scan# 308

Delta R.T. -0.024 min

Lab File: VX028074.D

Acq: 12 Apr 2022 22:13

Instrument :

MSVOA_X

ClientSampleId :

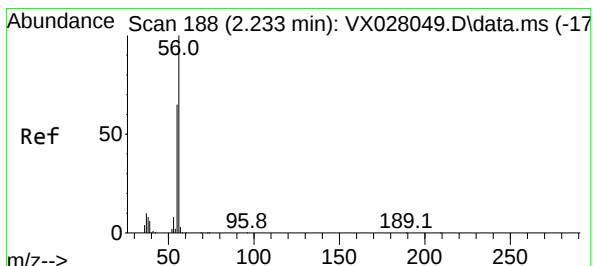
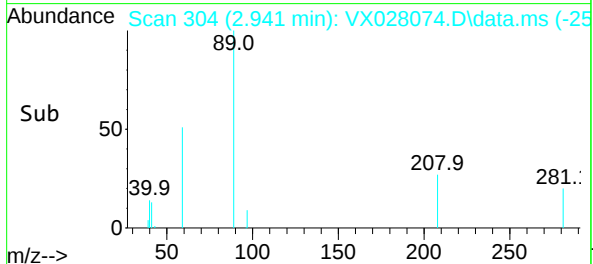
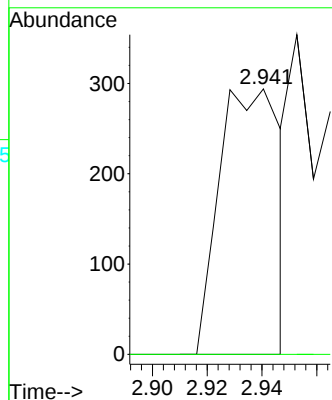
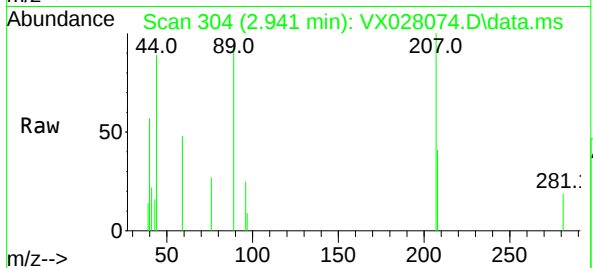
MW-21RR

Tgt Ion: 59 Resp: 457

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#13

Acrolein

Concen: Below Cal

RT: 2.209 min Scan# 184

Delta R.T. -0.024 min

Lab File: VX028074.D

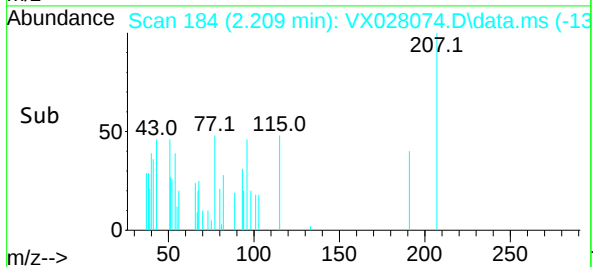
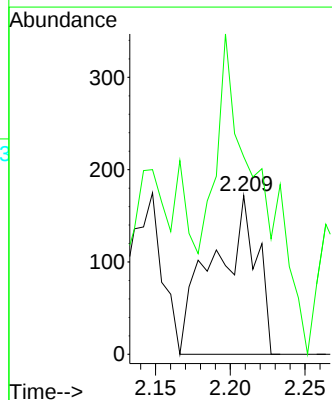
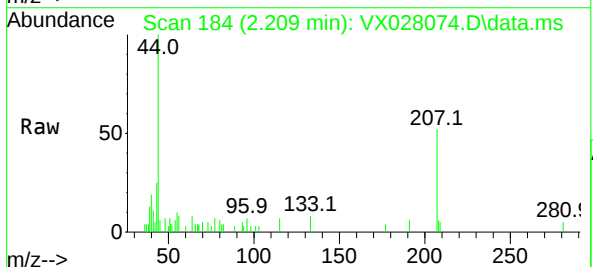
Acq: 12 Apr 2022 22:13

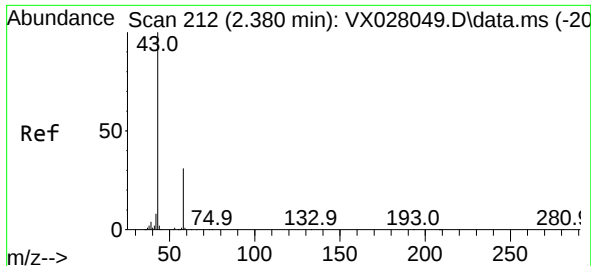
Tgt Ion: 56 Resp: 345

Ion Ratio Lower Upper

56 100

55 213.9 55.0 82.6#

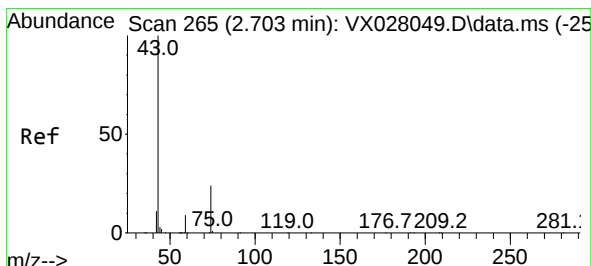
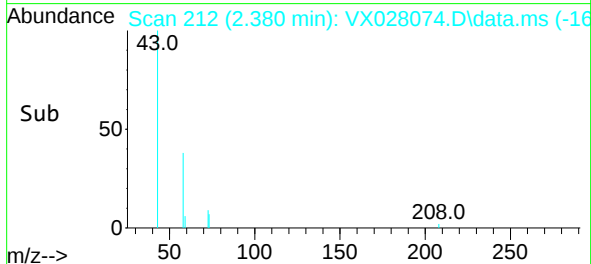
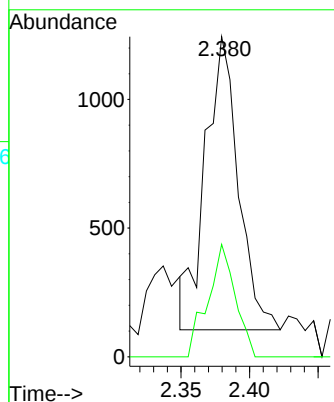
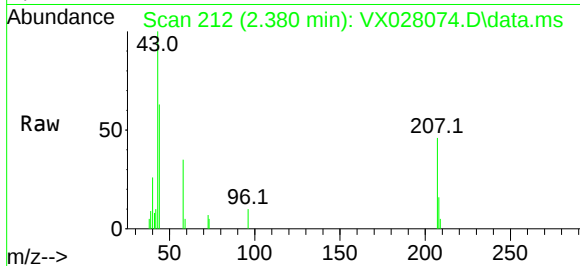




#16
Acetone
Concen: 1.661 ug/l
RT: 2.380 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX028074.D
Acq: 12 Apr 2022 22:13

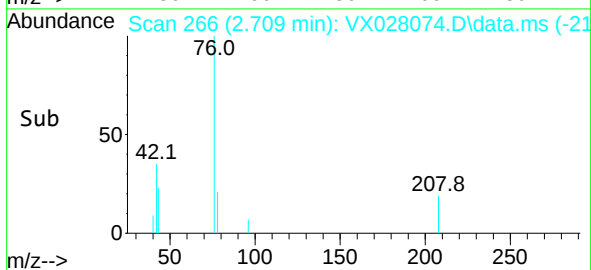
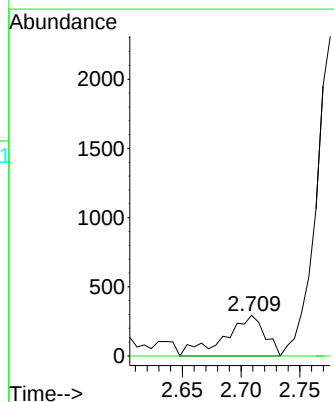
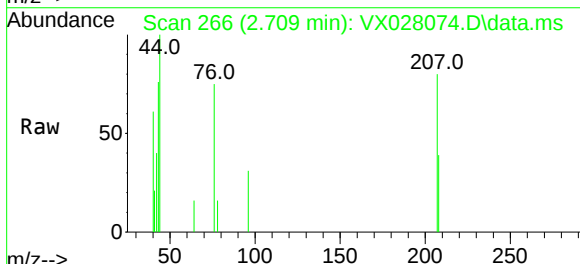
Instrument :
MSVOA_X
Client SampleId :
MW-21RR

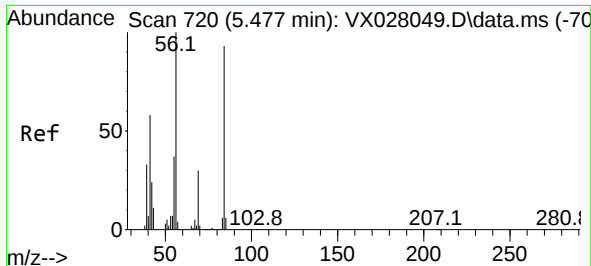
Tgt Ion: 43 Resp: 1910
Ion Ratio Lower Upper
43 100
58 38.4 28.8 43.2



#18
Methyl Acetate
Concen: 0.226 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX028074.D
Acq: 12 Apr 2022 22:13

Tgt Ion: 43 Resp: 693
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#

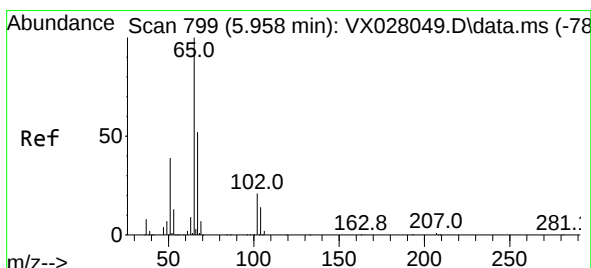
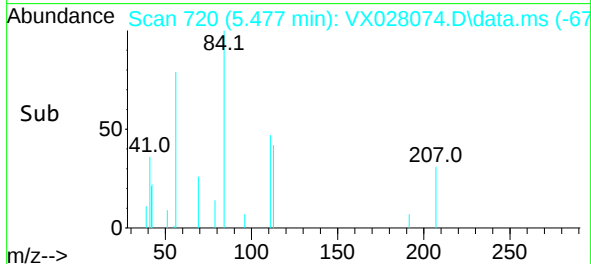
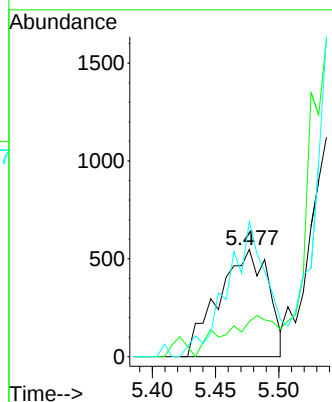
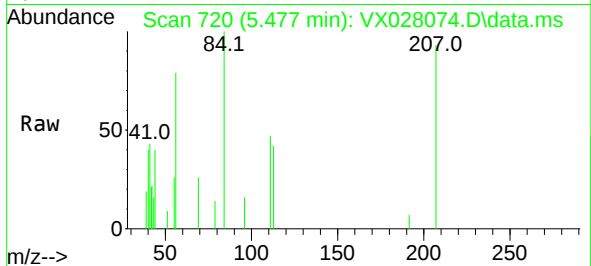




#31
Cyclohexane
Concen: 0.393 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX028074.D
Acq: 12 Apr 2022 22:13

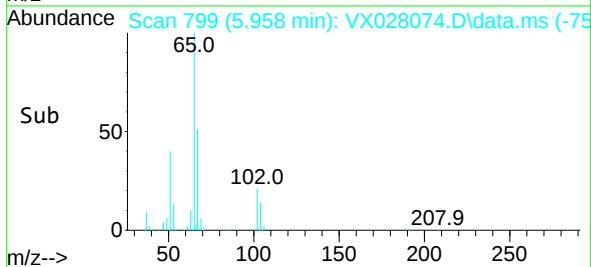
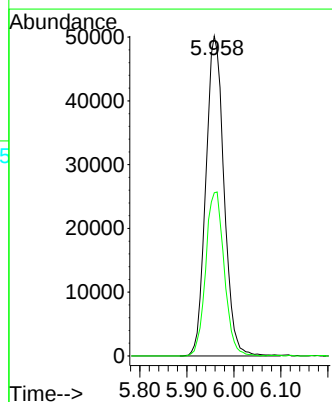
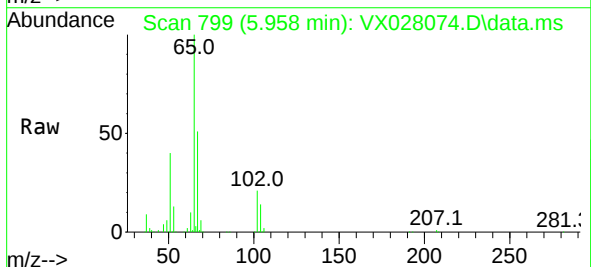
Instrument :
MSVOA_X
ClientSampleId :
MW-21RR

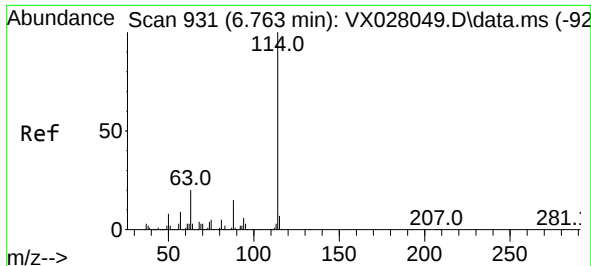
Tgt Ion: 56 Resp: 1493
Ion Ratio Lower Upper
56 100
69 14.2 26.7 40.1#
84 125.9 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 48.748 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028074.D
Acq: 12 Apr 2022 22:13

Tgt Ion: 65 Resp: 134550
Ion Ratio Lower Upper
65 100
67 52.0 0.0 107.4

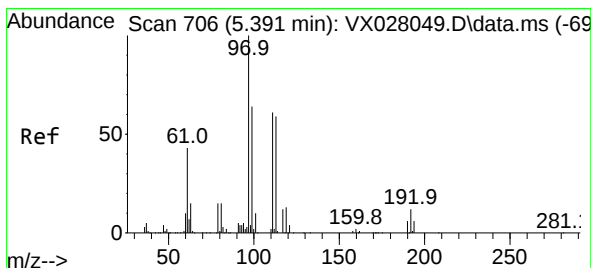
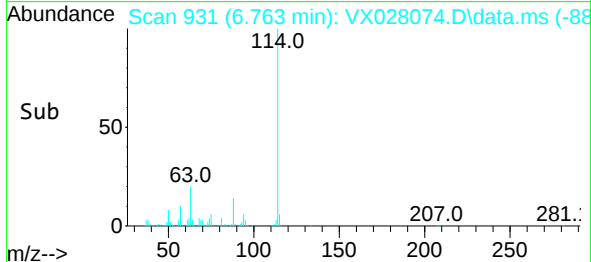
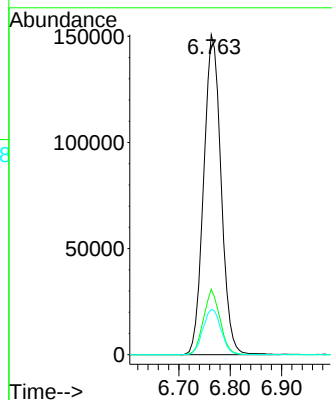
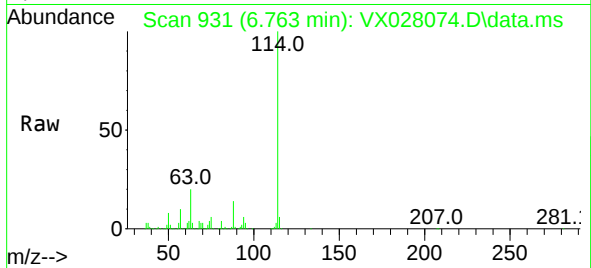




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028074.D
Acq: 12 Apr 2022 22:13

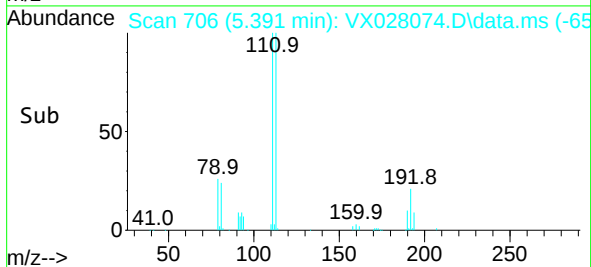
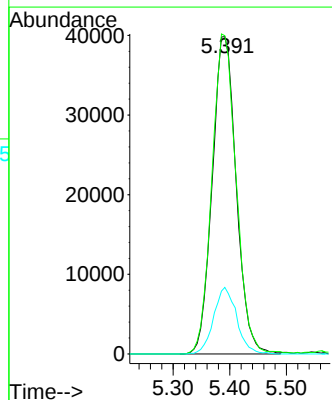
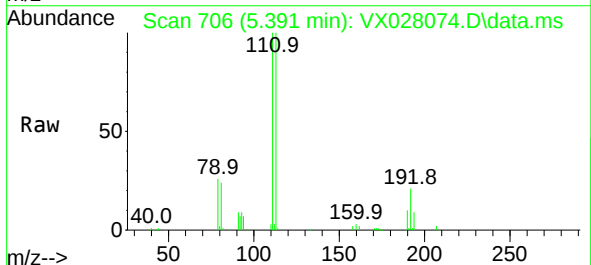
Instrument :
MSVOA_X
ClientSampleId :
MW-21RR

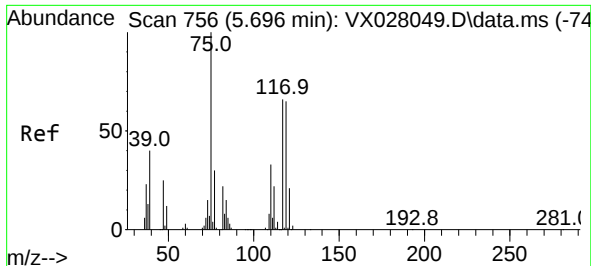
Tgt Ion:114 Resp: 354356
Ion Ratio Lower Upper
114 100
63 20.5 0.0 36.8
88 14.2 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.452 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX028074.D
Acq: 12 Apr 2022 22:13

Tgt Ion:113 Resp: 117148
Ion Ratio Lower Upper
113 100
111 101.8 82.8 124.2
192 20.2 16.9 25.3

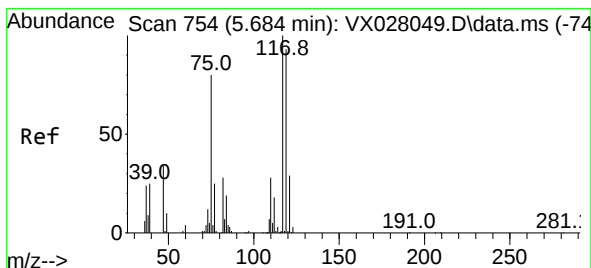
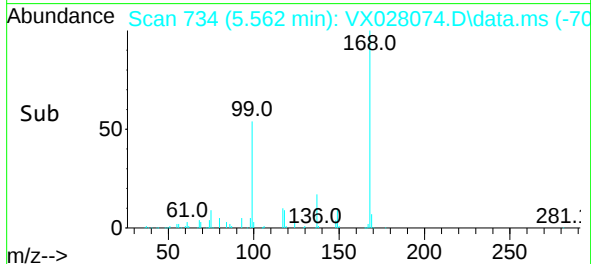
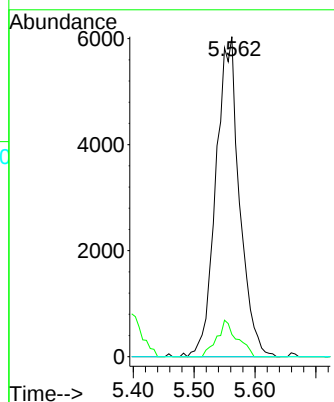
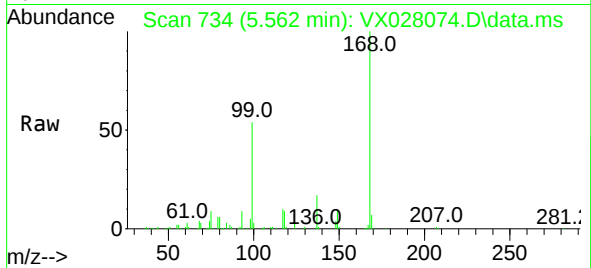




#36
 1,1-Dichloropropene
 Concen: 4.583 ug/l
 RT: 5.562 min Scan# 71
 Delta R.T. -0.134 min
 Lab File: VX028074.D
 Acq: 12 Apr 2022 22:13

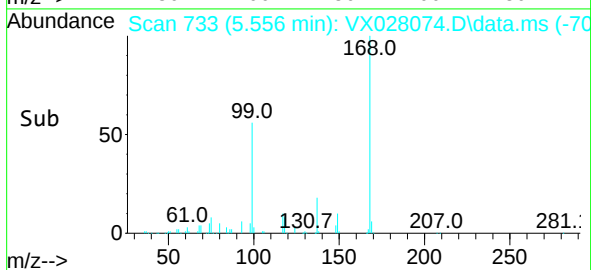
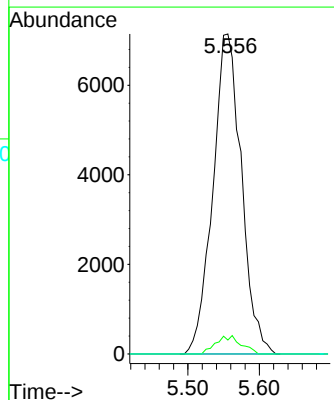
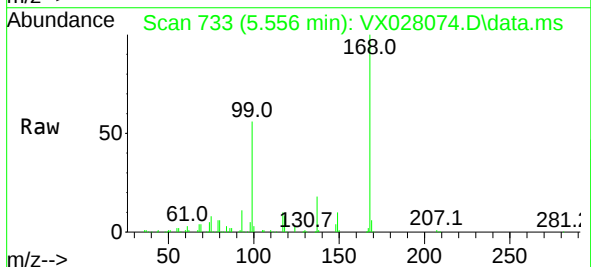
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-21RR

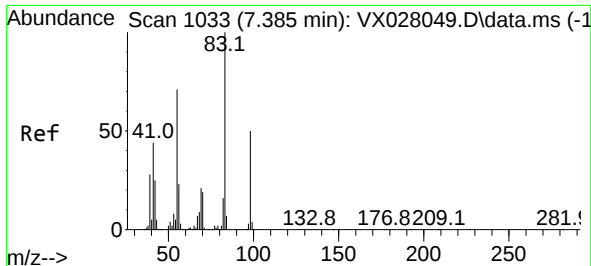
Tgt Ion: 75 Resp: 16242
 Ion Ratio Lower Upper
 75 100
 110 9.7 18.3 54.8#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 5.234 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.128 min
 Lab File: VX028074.D
 Acq: 12 Apr 2022 22:13

Tgt Ion: 117 Resp: 19802
 Ion Ratio Lower Upper
 117 100
 119 4.4 77.3 115.9#
 121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 0.286 ug/l

RT: 7.360 min Scan# 1033

Delta R.T. -0.025 min

Lab File: VX028074.D

Acq: 12 Apr 2022 22:13

Instrument :

MSVOA_X

ClientSampleId :

MW-21RR

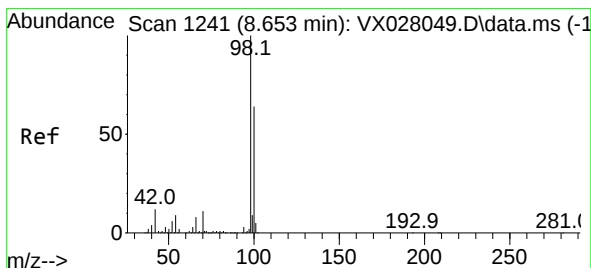
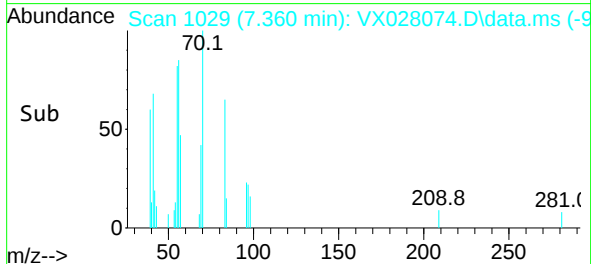
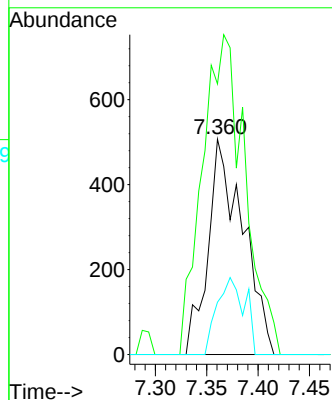
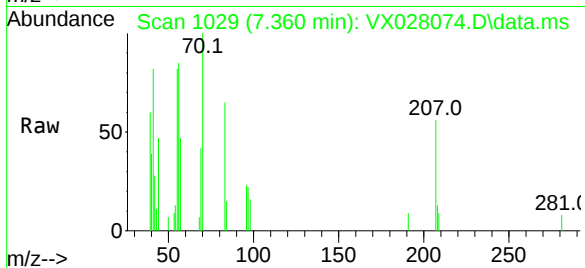
Tgt Ion: 83 Resp: 1200

Ion Ratio Lower Upper

83 100

55 125.6 54.6 81.8#

98 24.3 37.4 56.2#



#50

Toluene-d8

Concen: 49.783 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX028074.D

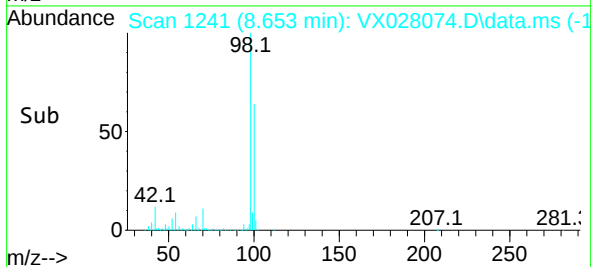
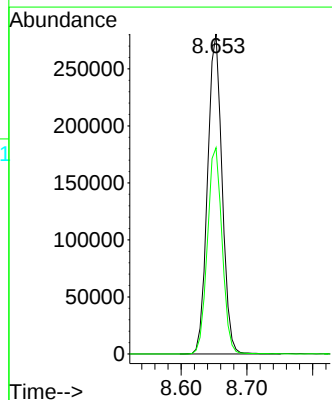
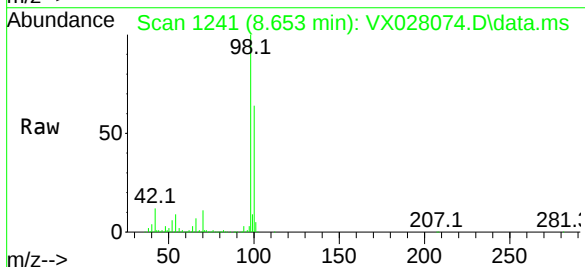
Acq: 12 Apr 2022 22:13

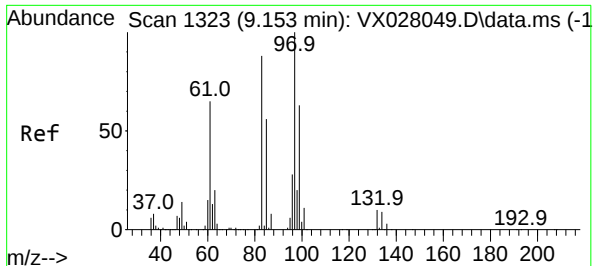
Tgt Ion: 98 Resp: 431120

Ion Ratio Lower Upper

98 100

100 65.2 52.6 78.8





#55

1,1,2-Trichloroethane

Concen: 0.548 ug/l

RT: 9.098 min Scan# 1

Delta R.T. -0.055 min

Lab File: VX028074.D

Acq: 12 Apr 2022 22:13

Instrument :

MSVOA_X

ClientSampleId :

MW-21RR

Tgt Ion: 97 Resp: 1527

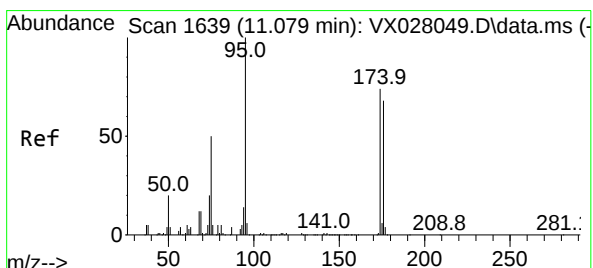
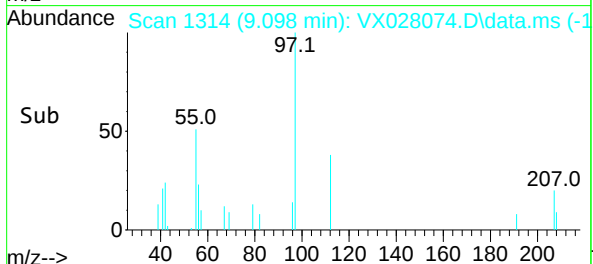
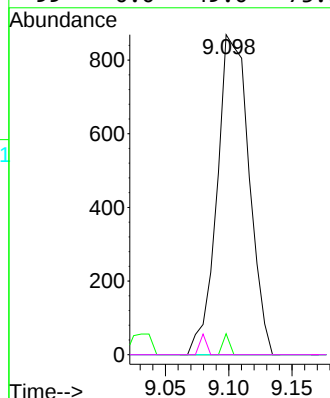
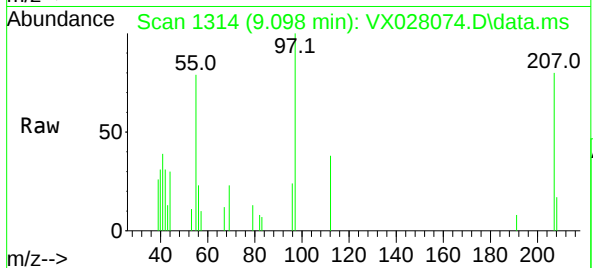
Ion Ratio Lower Upper

97 100

83 6.6 66.2 99.4#

85 0.0 42.9 64.3#

99 0.0 49.0 73.6#



#62

4-Bromofluorobenzene

Concen: 44.957 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX028074.D

Acq: 12 Apr 2022 22:13

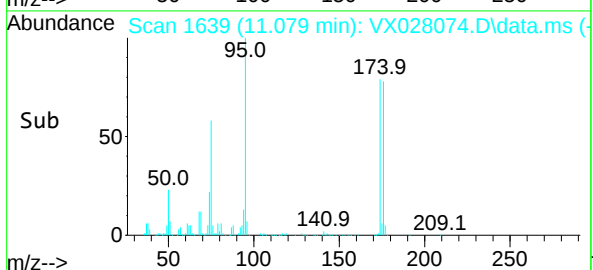
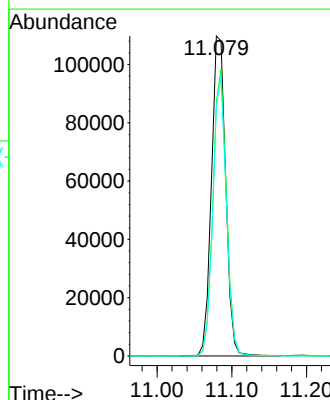
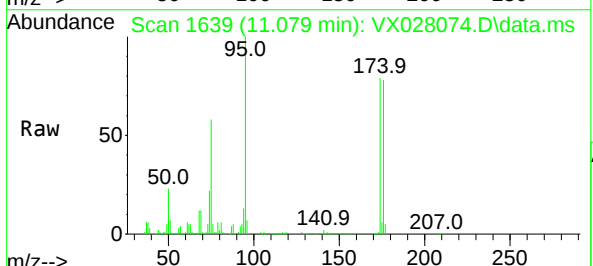
Tgt Ion: 95 Resp: 145367

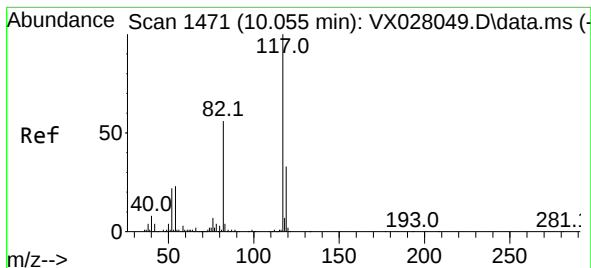
Ion Ratio Lower Upper

95 100

174 85.7 0.0 163.0

176 82.5 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: VX028074.D

Acq: 12 Apr 2022 22:13

Instrument :

MSVOA_X

ClientSampleId :

MW-21RR

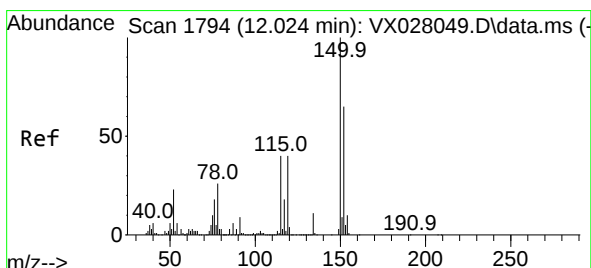
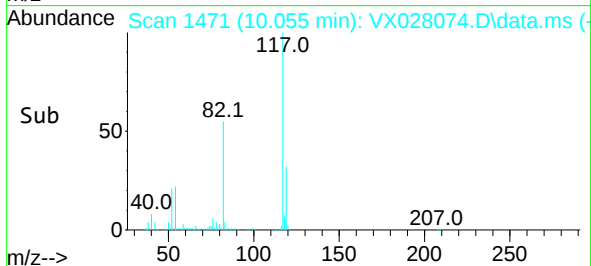
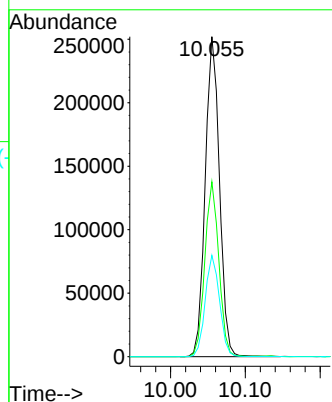
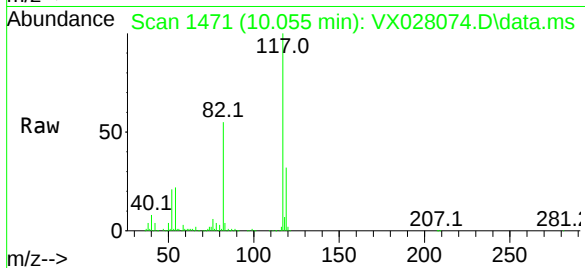
Tgt Ion:117 Resp: 333452

Ion Ratio Lower Upper

117 100

82 54.6 41.8 62.8

119 31.6 24.8 37.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX028074.D

Acq: 12 Apr 2022 22:13

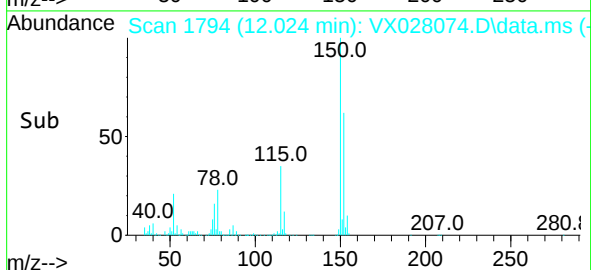
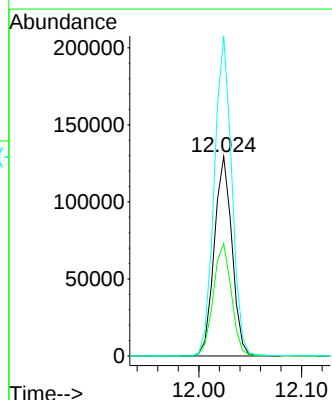
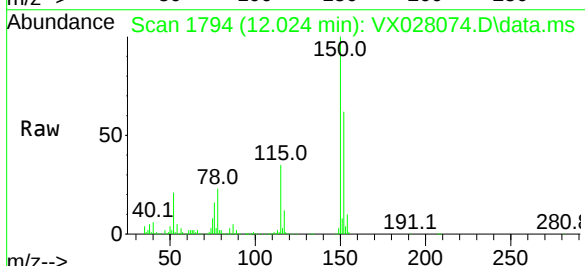
Tgt Ion:152 Resp: 154326

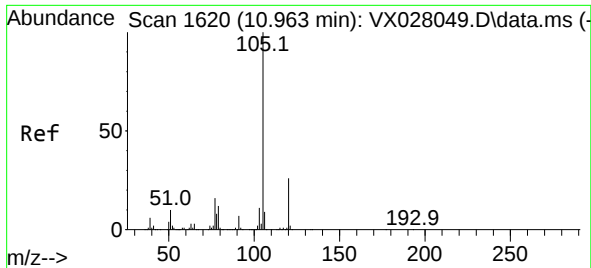
Ion Ratio Lower Upper

152 100

115 57.6 37.5 112.7

150 159.0 0.0 338.2

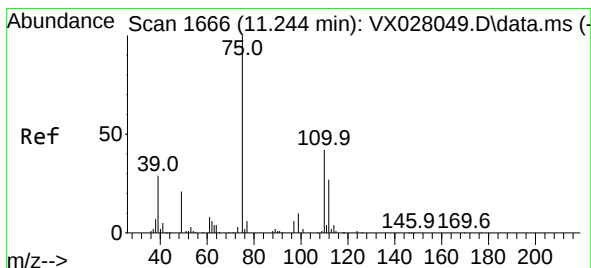
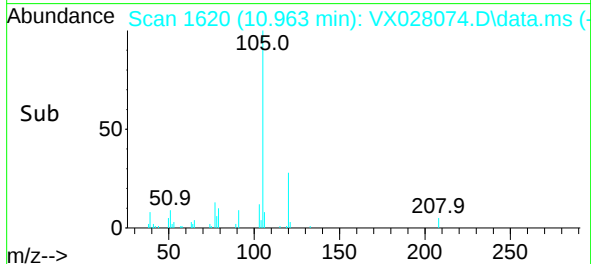
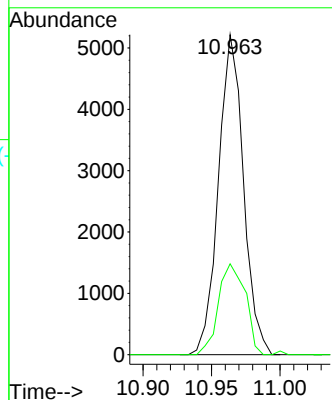
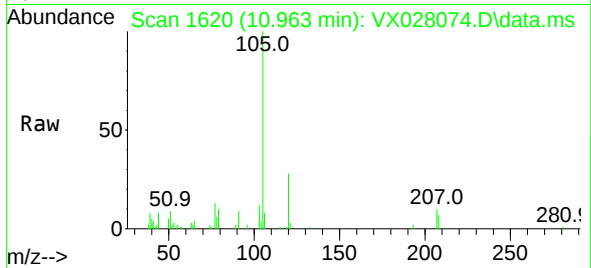




#73
Isopropylbenzene
Concen: 0.604 ug/l
RT: 10.963 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028074.D
Acq: 12 Apr 2022 22:13

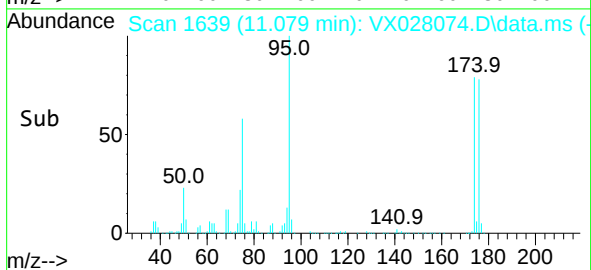
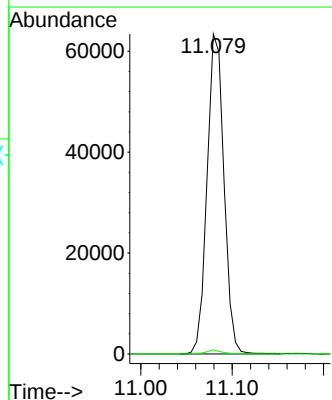
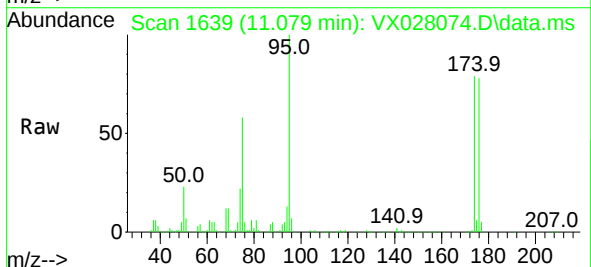
Instrument :
MSVOA_X
ClientSampleId :
MW-21RR

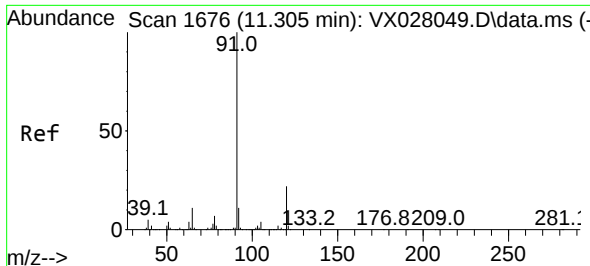
Tgt Ion:105 Resp: 6619
Ion Ratio Lower Upper
105 100
120 30.6 13.5 40.5



#76
1,2,3-Trichloropropane
Concen: 23.617 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028074.D
Acq: 12 Apr 2022 22:13

Tgt Ion: 75 Resp: 81142
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#

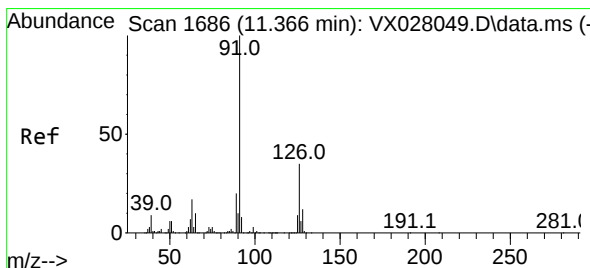
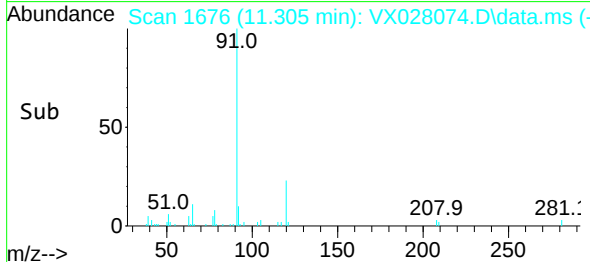
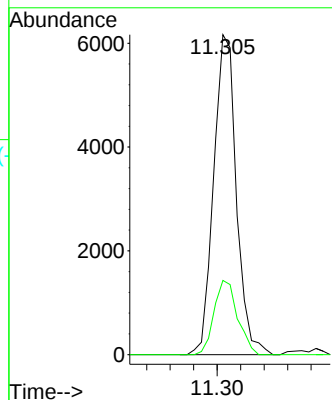
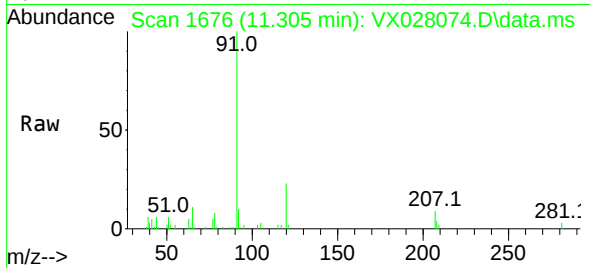




#78
n-propylbenzene
Concen: 0.649 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX028074.D
Acq: 12 Apr 2022 22:13

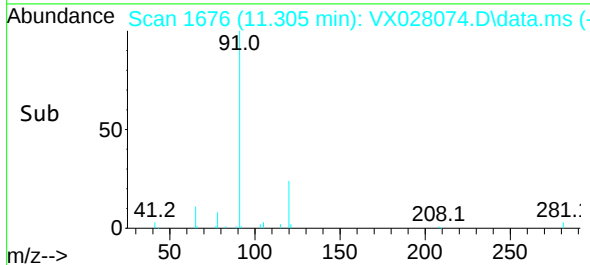
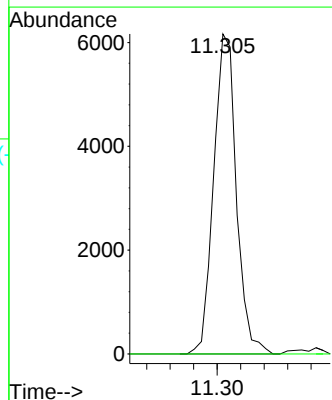
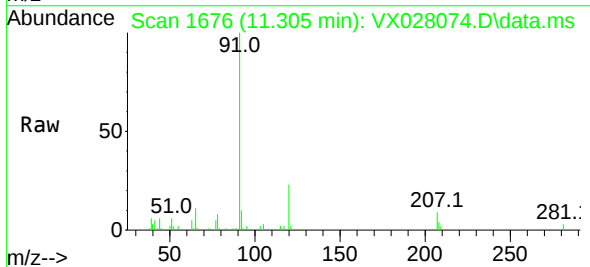
Instrument :
MSVOA_X
ClientSampleId :
MW-21RR

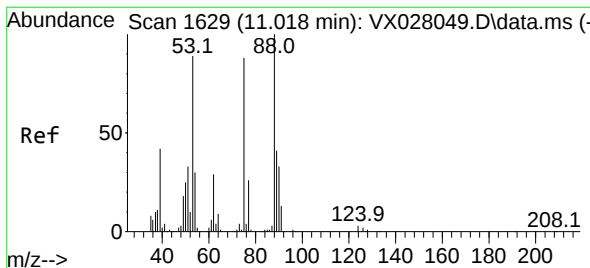
Tgt Ion: 91 Resp: 8264
Ion Ratio Lower Upper
91 100
120 24.0 11.6 34.8



#79
2-Chlorotoluene
Concen: 1.070 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.061 min
Lab File: VX028074.D
Acq: 12 Apr 2022 22:13

Tgt Ion: 91 Resp: 8264
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#

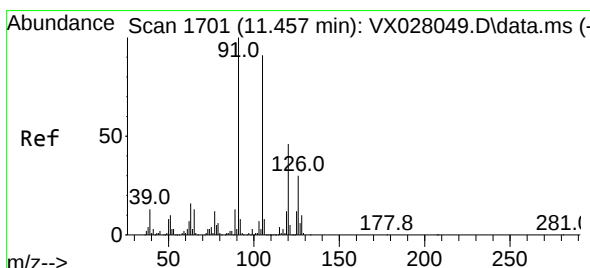
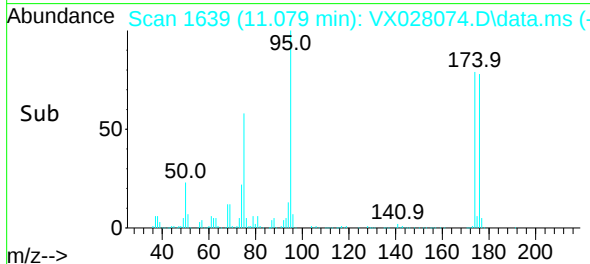
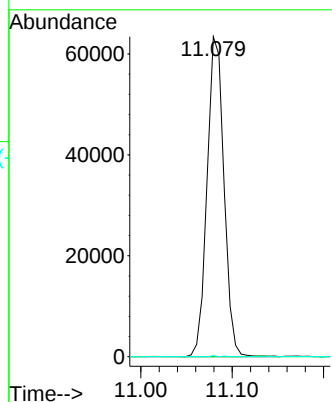
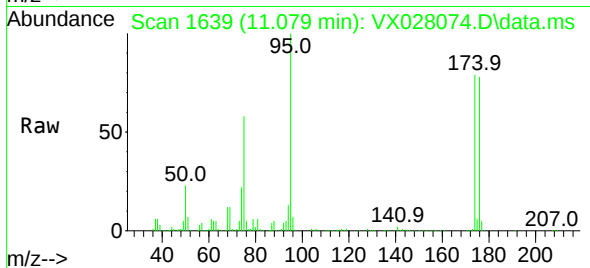




#81
trans-1,4-Dichloro-2-butene
Concen: 66.518 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028074.D
Acq: 12 Apr 2022 22:13

Instrument :
MSVOA_X
ClientSampleId :
MW-21RR

Tgt Ion: 75 Resp: 81142
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.2 37.0 55.6#



#82
4-Chlorotoluene
Concen: 0.909 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.152 min
Lab File: VX028074.D
Acq: 12 Apr 2022 22:13

Tgt Ion: 91 Resp: 8264
Ion Ratio Lower Upper
91 100
126 0.0 14.9 44.5#

