

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
 Data File : VX029648.D
 Acq On : 21 Jun 2022 08:05
 Operator : JC/MD
 Sample : N3354-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-55

Quant Time: Jun 21 08:48:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

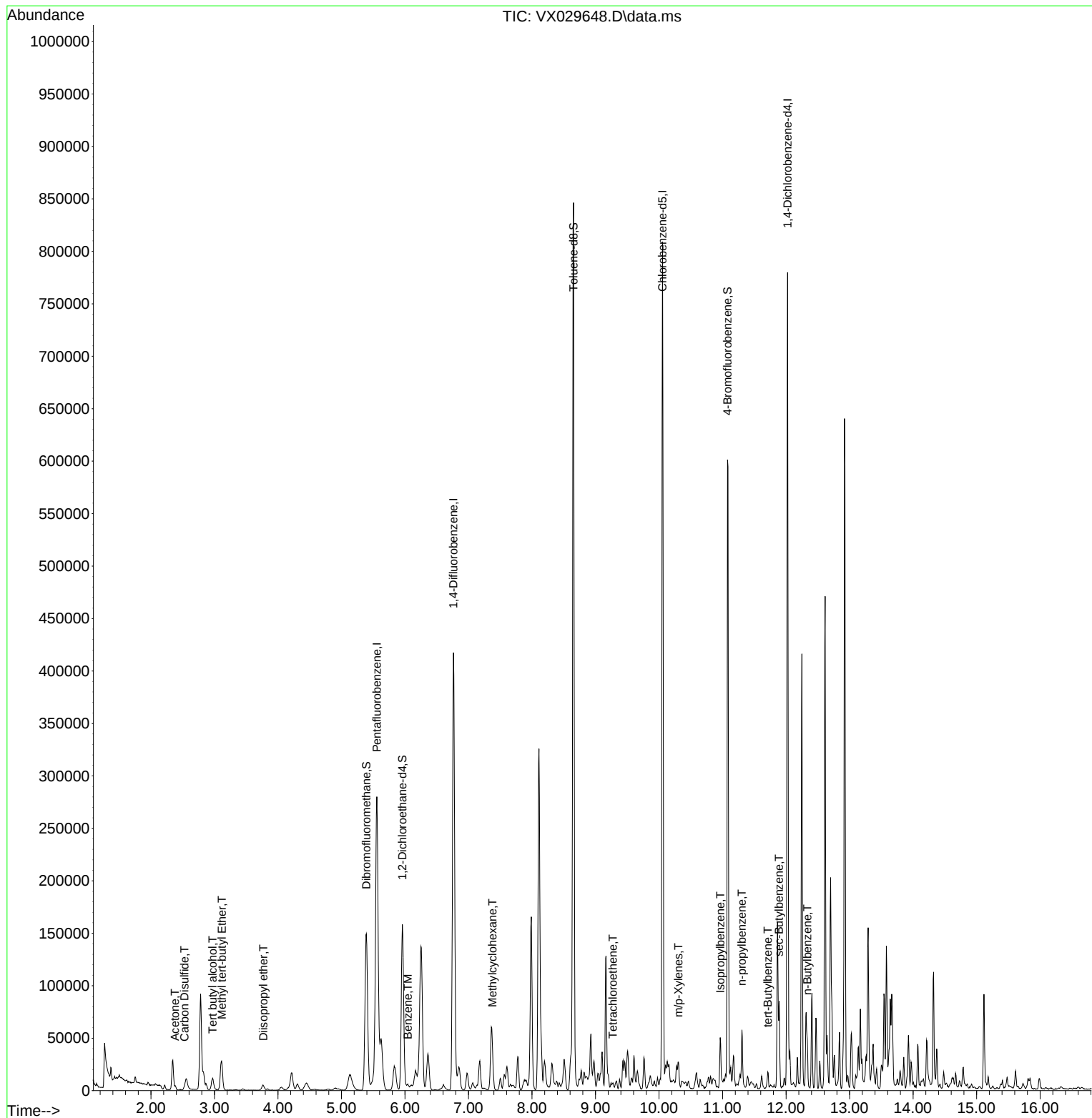
Internal Standards						
1) Pentafluorobenzene	5.556	168	266189	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	449313	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	382072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	162709	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	149499	42.428	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.860%
35) Dibromofluoromethane	5.391	113	133596	45.625	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.260%
50) Toluene-d8	8.653	98	510371	47.712	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.420%
62) 4-Bromofluorobenzene	11.079	95	181773	45.061	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.120%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.971	59	15547	11.416	ug/l	97
16) Acetone	2.380	43	3668	2.612	ug/l	91
17) Carbon Disulfide	2.526	76	5735	0.820	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	16683	1.782	ug/l #	5
22) Diisopropyl ether	3.770	45	5194	0.603	ug/l #	81
39) Methylcyclohexane	7.379	83	11212	2.269	ug/l #	48
40) Benzene	6.044	78	5896	0.502	ug/l	95
64) Tetrachloroethene	9.275	164	933	0.338	ug/l #	92
68) m/p-Xylenes	10.305	106	3716	0.707	ug/l	90
73) Isopropylbenzene	10.964	105	17997	1.475	ug/l	99
78) n-propylbenzene	11.305	91	28811	2.097	ug/l	99
83) tert-Butylbenzene	11.713	119	6173	0.616	ug/l	82
85) sec-Butylbenzene	11.890	105	41170	3.316	ug/l #	56
89) n-Butylbenzene	12.335	91	25535	2.910	ug/l #	73

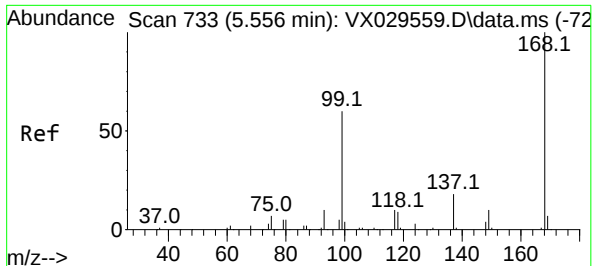
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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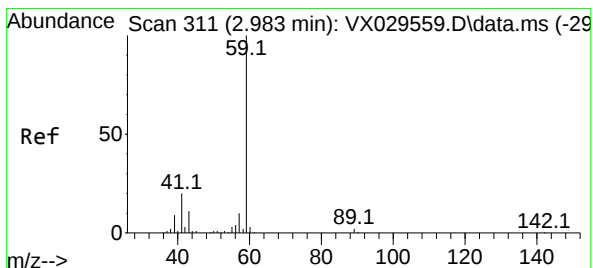
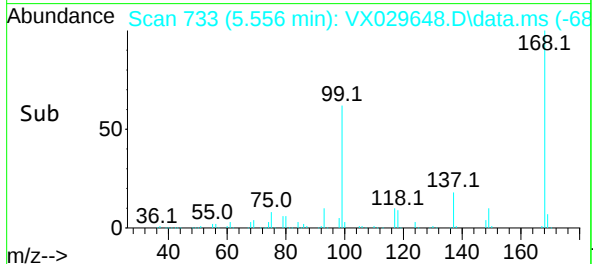
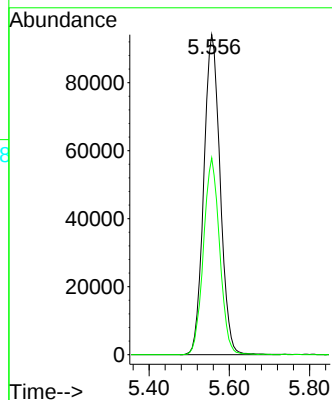
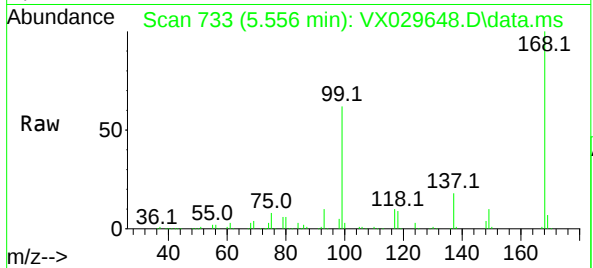




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX029648.D
Acq: 21 Jun 2022 08:05

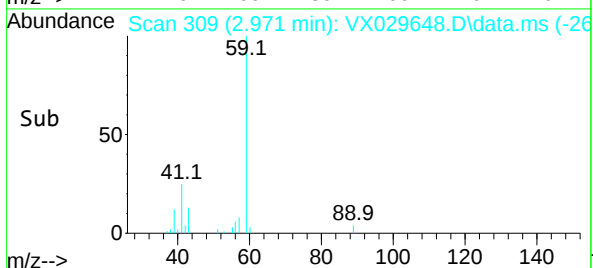
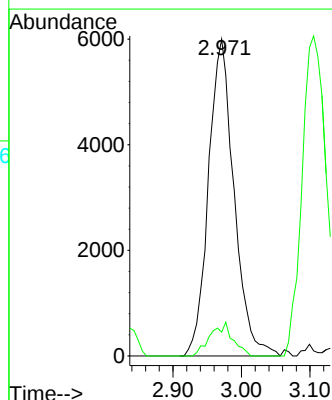
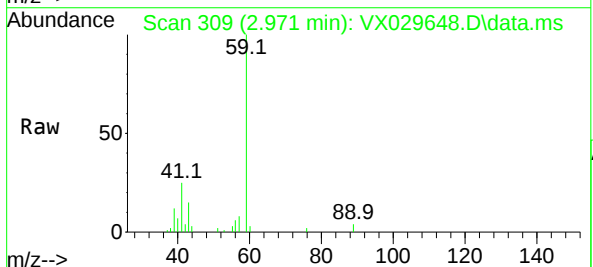
Instrument :
MSVOA_X
ClientSampleId :
MW-55

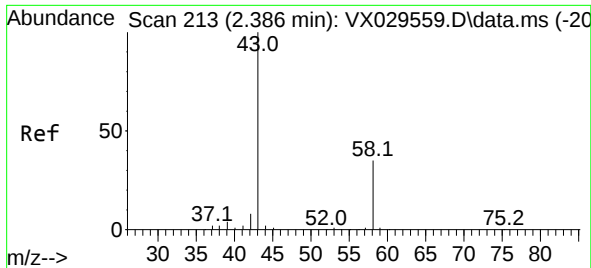
Tgt Ion:168 Resp: 266189
Ion Ratio Lower Upper
168 100
99 61.5 41.7 62.5



#11
Tert butyl alcohol
Concen: 11.416 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX029648.D
Acq: 21 Jun 2022 08:05

Tgt Ion: 59 Resp: 15547
Ion Ratio Lower Upper
59 100
57 9.3 8.3 12.5





#16

Acetone

Concen: 2.612 ug/l

RT: 2.380 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX029648.D

Acq: 21 Jun 2022 08:05

Instrument :

MSVOA_X

ClientSampleId :

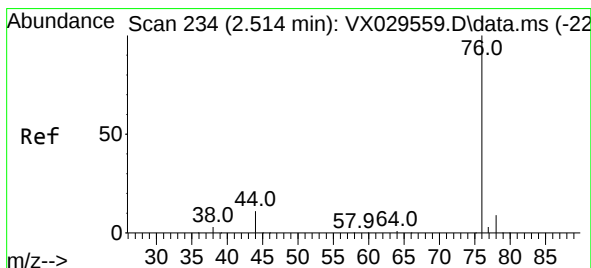
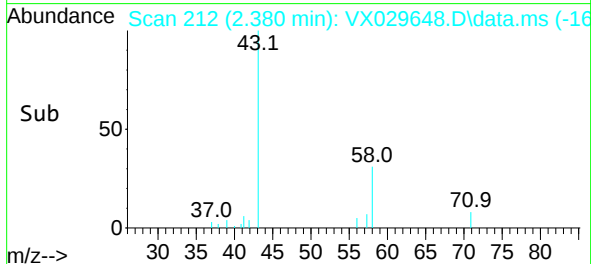
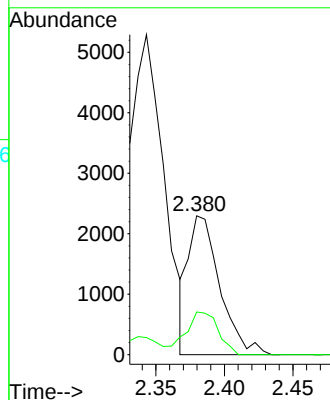
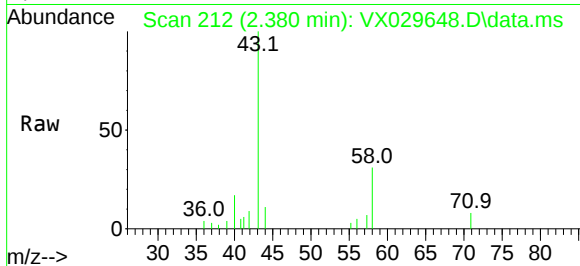
MW-55

Tgt Ion: 43 Resp: 3668

Ion Ratio Lower Upper

43 100

58 30.8 28.8 43.2



#17

Carbon Disulfide

Concen: 0.820 ug/l

RT: 2.526 min Scan# 236

Delta R.T. 0.012 min

Lab File: VX029648.D

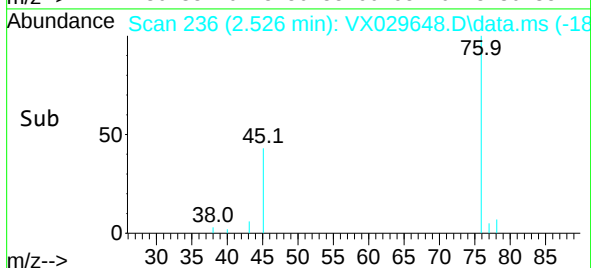
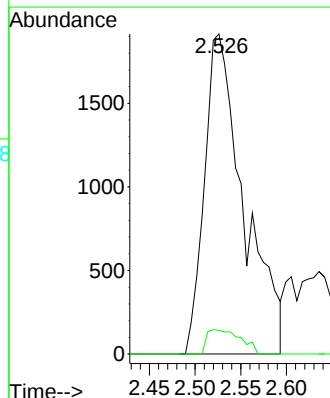
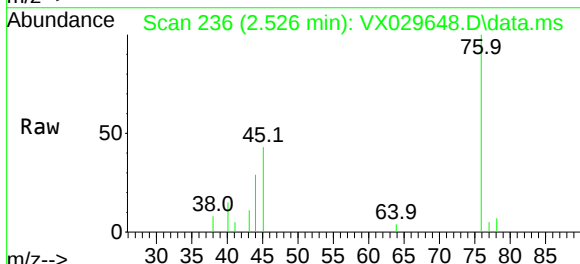
Acq: 21 Jun 2022 08:05

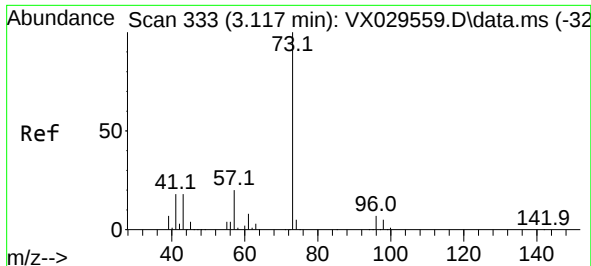
Tgt Ion: 76 Resp: 5735

Ion Ratio Lower Upper

76 100

78 7.4 7.2 10.8

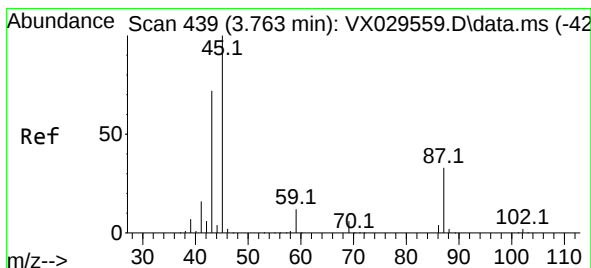
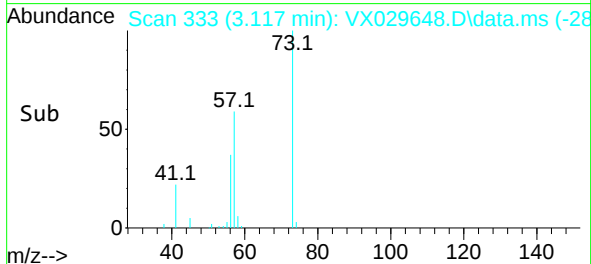
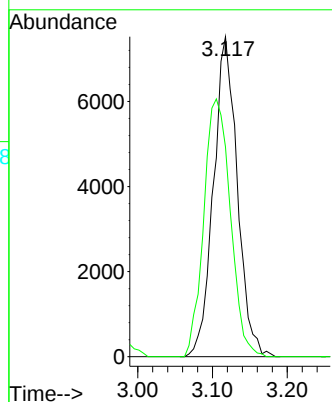
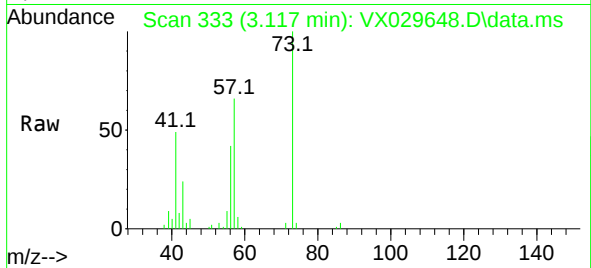




#19
Methyl tert-butyl Ether
Concen: 1.782 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX029648.D
Acq: 21 Jun 2022 08:05

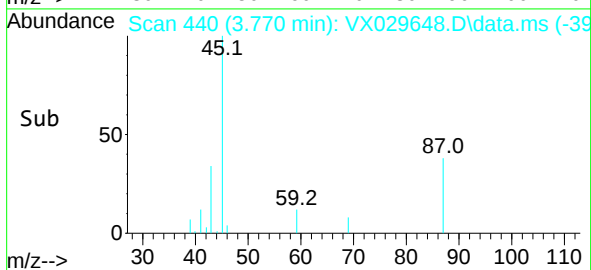
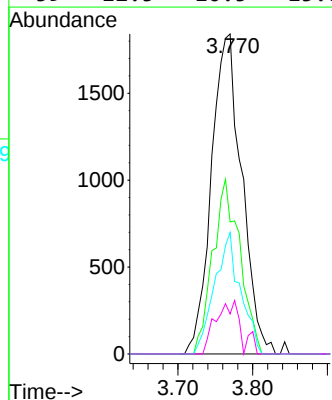
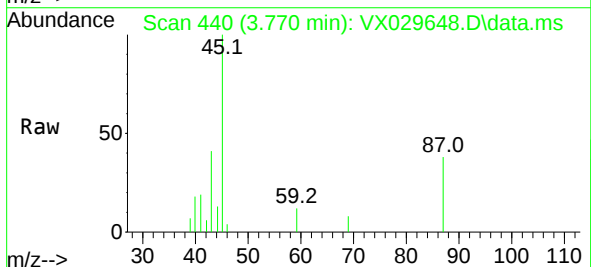
Instrument :
MSVOA_X
ClientSampleId :
MW-55

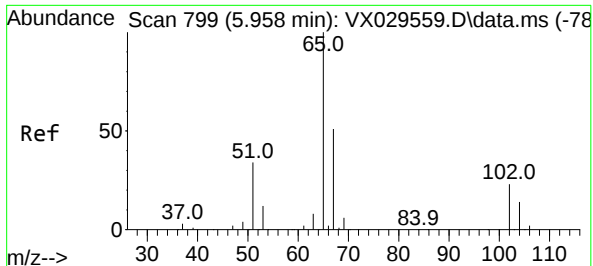
Tgt Ion: 73 Resp: 16683
Ion Ratio Lower Upper
73 100
57 65.5 16.8 25.2#



#22
Diisopropyl ether
Concen: 0.603 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.007 min
Lab File: VX029648.D
Acq: 21 Jun 2022 08:05

Tgt Ion: 45 Resp: 5194
Ion Ratio Lower Upper
45 100
43 41.3 50.8 76.2#
87 38.0 26.6 39.8
59 12.5 10.5 15.7





#33

1,2-Dichloroethane-d4

Concen: 42.428 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029648.D

Acq: 21 Jun 2022 08:05

Instrument :

MSVOA_X

ClientSampleId :

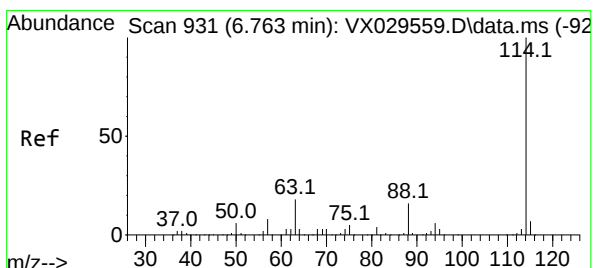
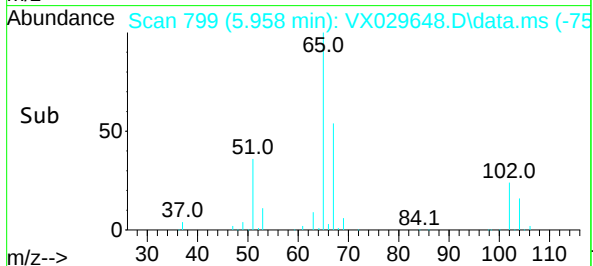
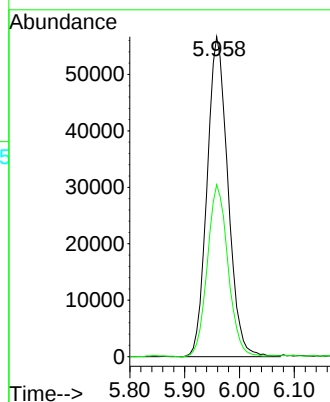
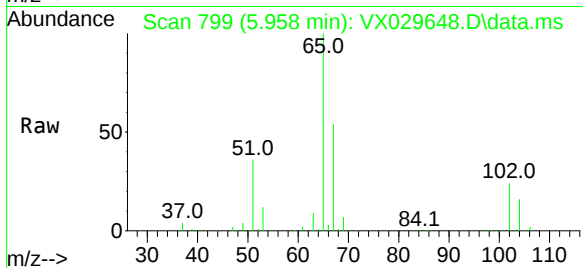
MW-55

Tgt Ion: 65 Resp: 149499

Ion Ratio Lower Upper

65 100

67 53.2 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: VX029648.D

Acq: 21 Jun 2022 08:05

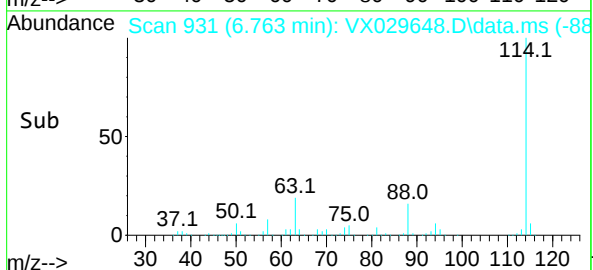
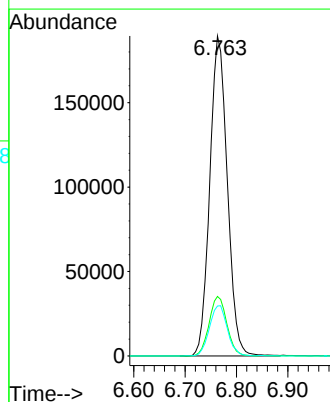
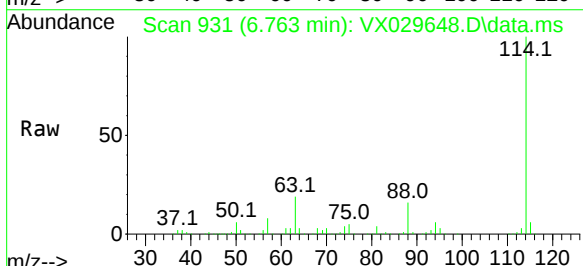
Tgt Ion: 114 Resp: 449313

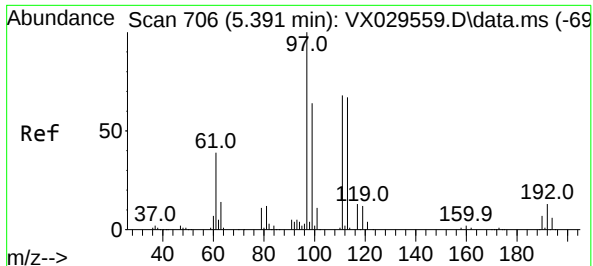
Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.8

88 15.6 0.0 32.4





#35

Dibromofluoromethane

Concen: 45.625 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029648.D

Acq: 21 Jun 2022 08:05

Instrument :

MSVOA_X

ClientSampleId :

MW-55

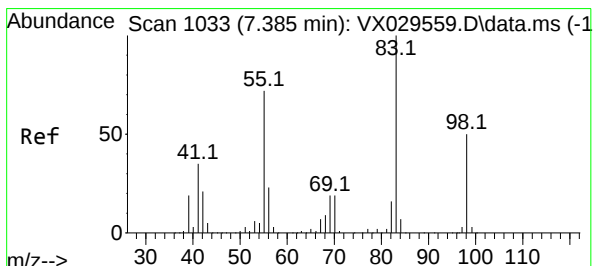
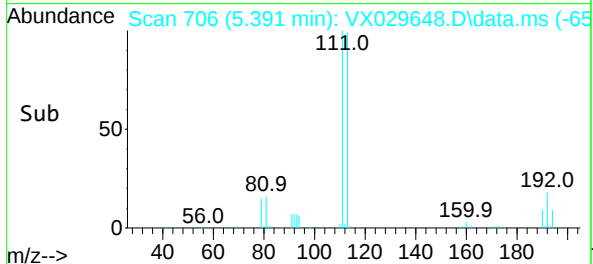
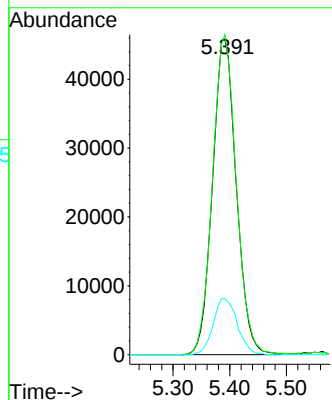
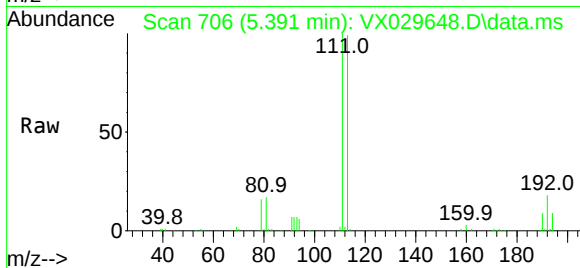
Tgt Ion:113 Resp: 133596

Ion Ratio Lower Upper

113 100

111 101.5 82.8 124.2

192 18.1 16.9 25.3



#39

Methylcyclohexane

Concen: 2.269 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX029648.D

Acq: 21 Jun 2022 08:05

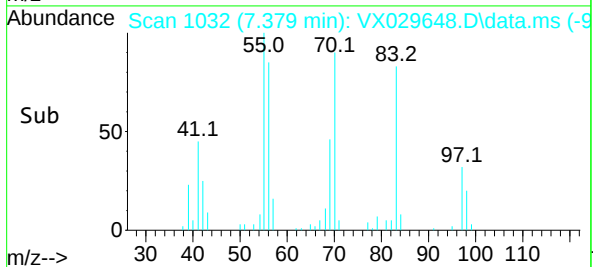
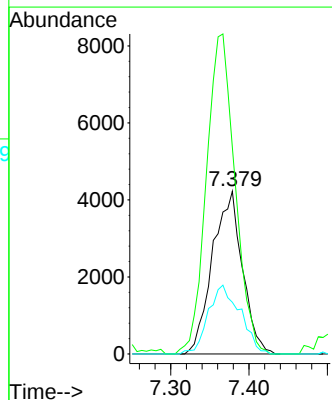
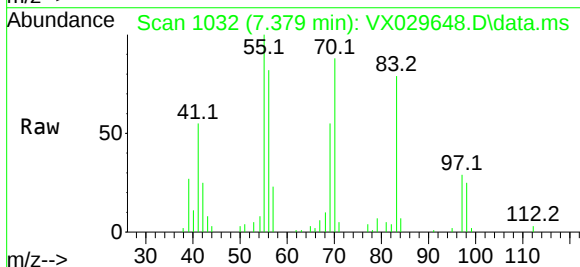
Tgt Ion: 83 Resp: 11212

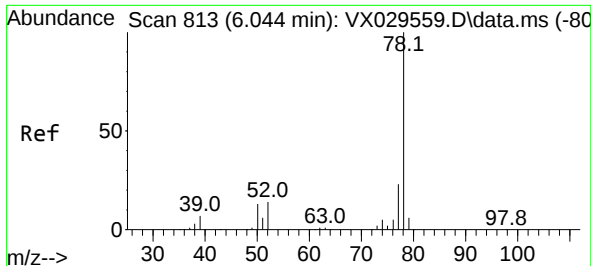
Ion Ratio Lower Upper

83 100

55 126.9 54.6 81.8#

98 31.7 37.4 56.2#

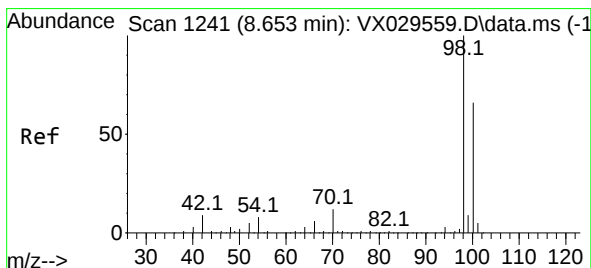
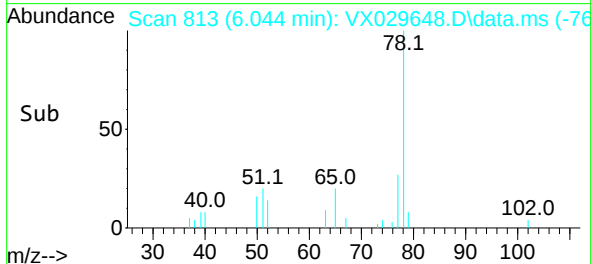
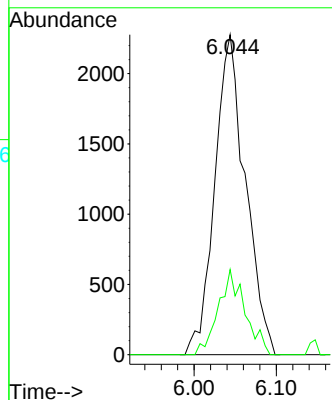
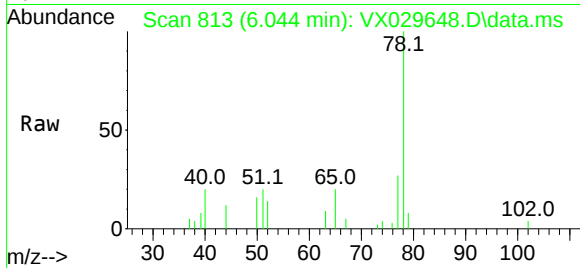




#40
Benzene
Concen: 0.502 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX029648.D
Acq: 21 Jun 2022 08:05

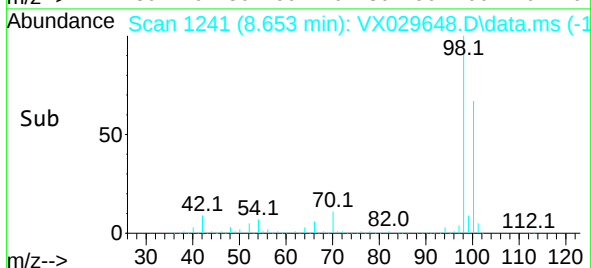
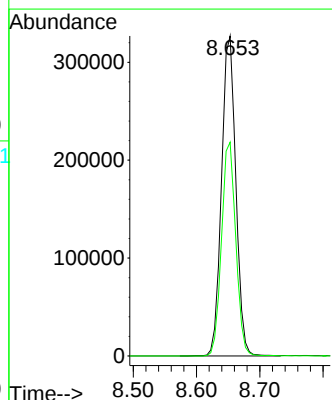
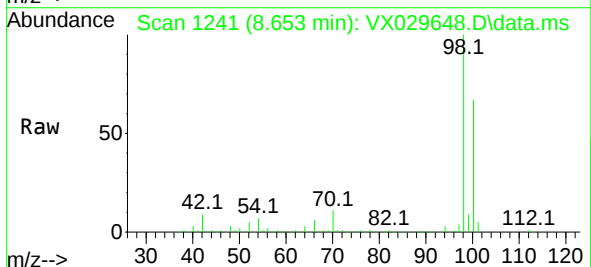
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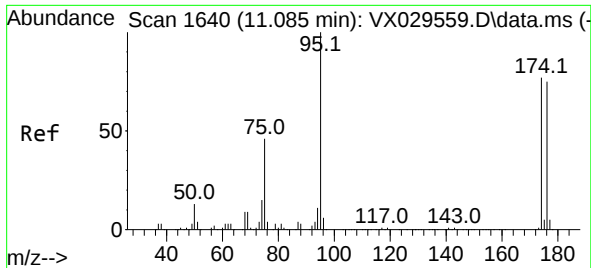
Tgt Ion: 78 Resp: 5896
Ion Ratio Lower Upper
78 100
77 26.6 19.3 28.9



#50
Toluene-d8
Concen: 47.712 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029648.D
Acq: 21 Jun 2022 08:05

Tgt Ion: 98 Resp: 510371
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8

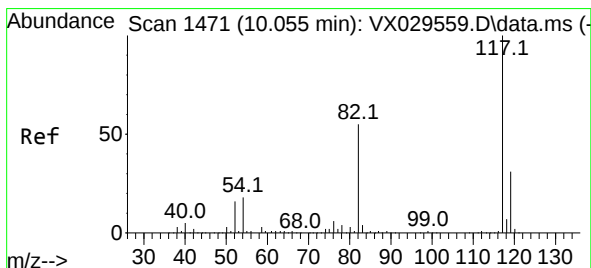
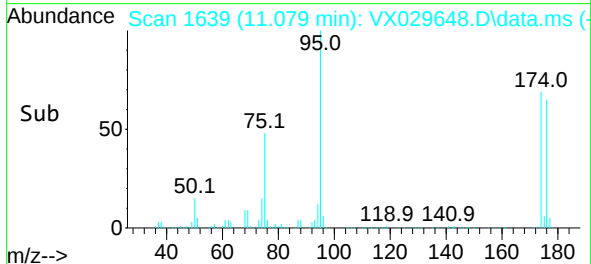
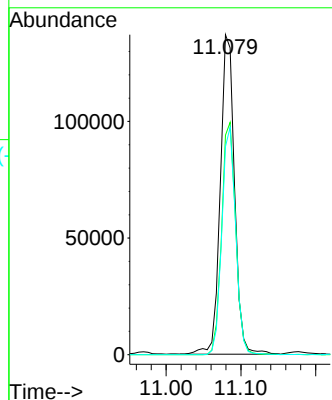
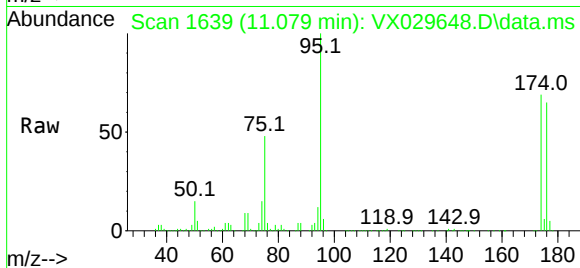




#62
4-Bromofluorobenzene
Concen: 45.061 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029648.D
Acq: 21 Jun 2022 08:05

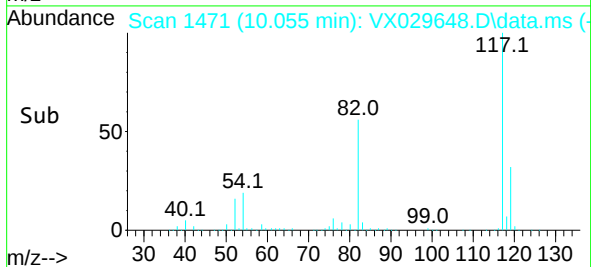
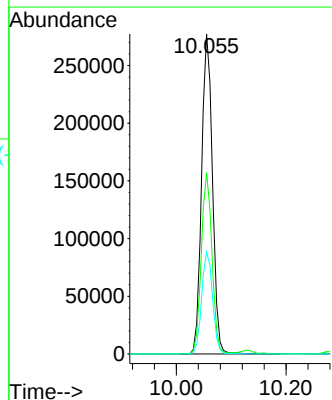
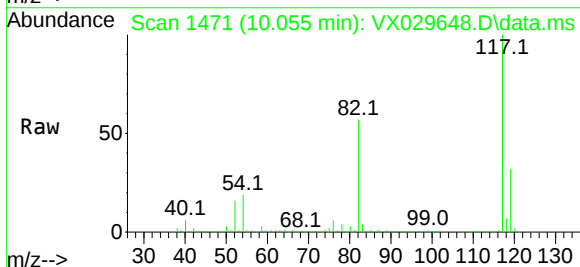
Instrument :
MSVOA_X
ClientSampleId :
MW-55

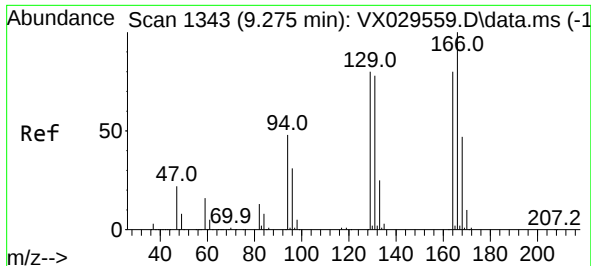
Tgt Ion: 95 Resp: 181773
Ion Ratio Lower Upper
95 100
174 71.4 0.0 163.0
176 69.0 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029648.D
Acq: 21 Jun 2022 08:05

Tgt Ion: 117 Resp: 382072
Ion Ratio Lower Upper
117 100
82 56.6 41.8 62.8
119 31.8 24.8 37.2

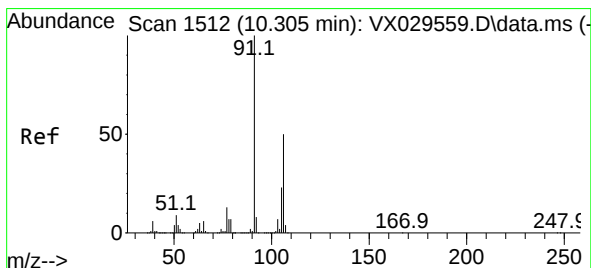
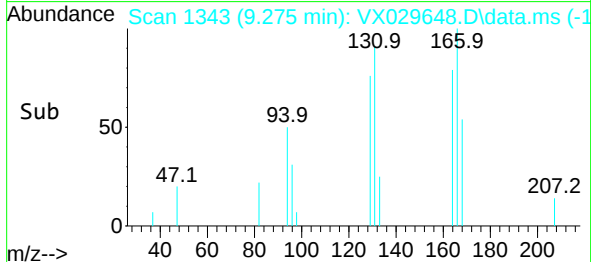
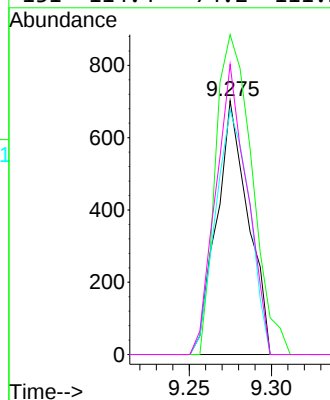
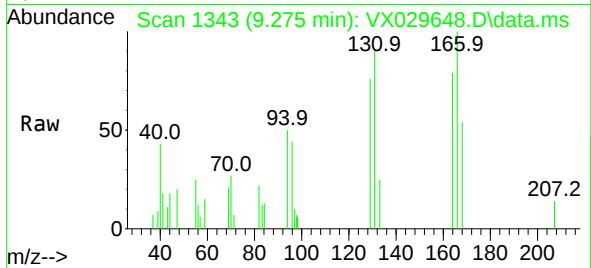




#64
Tetrachloroethene
Concen: 0.338 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029648.D
Acq: 21 Jun 2022 08:05

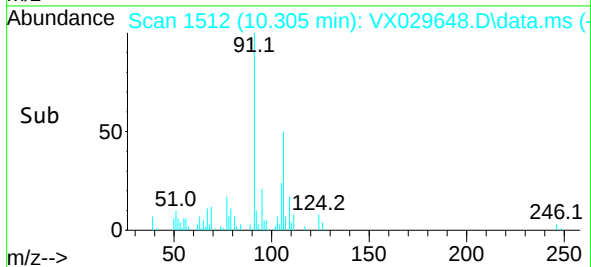
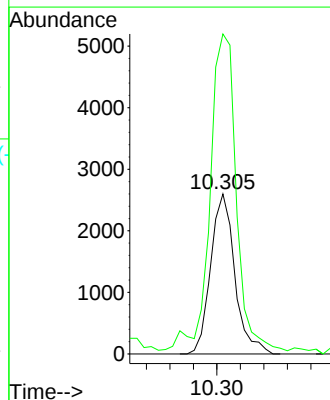
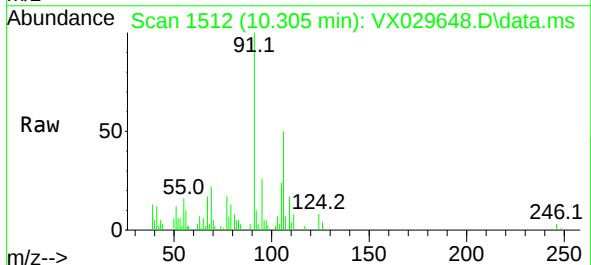
Instrument :
MSVOA_X
ClientSampleId :
MW-55

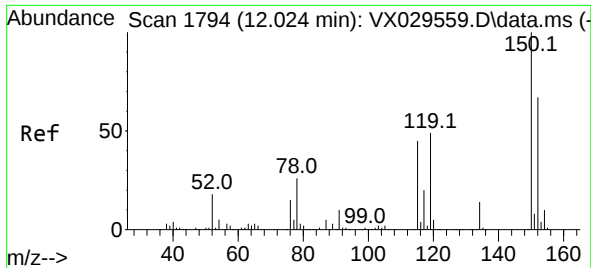
Tgt Ion:164	Resp:	933
Ion	Ratio	Lower Upper
164	100	
166	126.1	101.2 151.8
129	96.3	73.0 109.4
131	114.4	74.2 111.2#



#68
m/p-Xylenes
Concen: 0.707 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX029648.D
Acq: 21 Jun 2022 08:05

Tgt Ion:106	Resp:	3716
Ion	Ratio	Lower Upper
106	100	
91	215.9	160.4 240.6

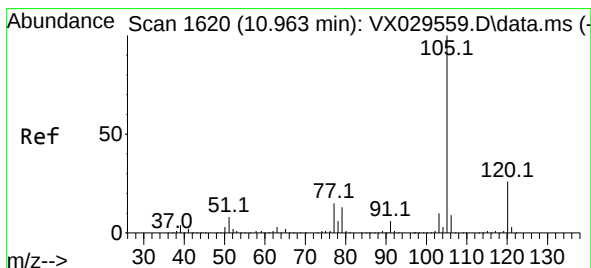
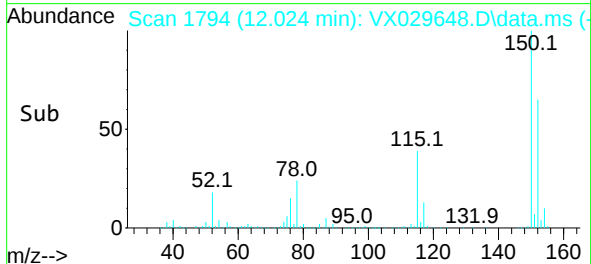
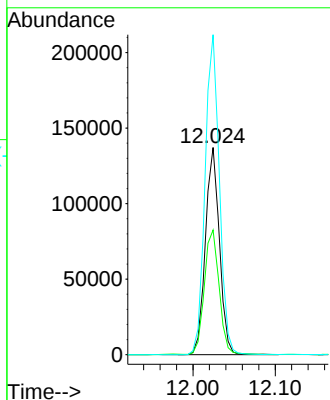
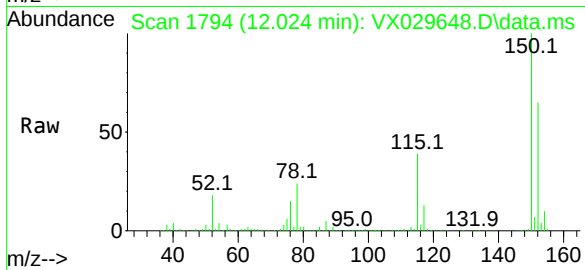




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029648.D
Acq: 21 Jun 2022 08:05

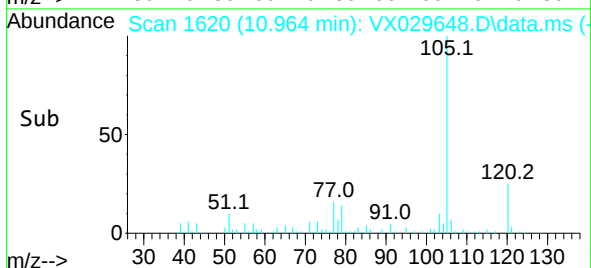
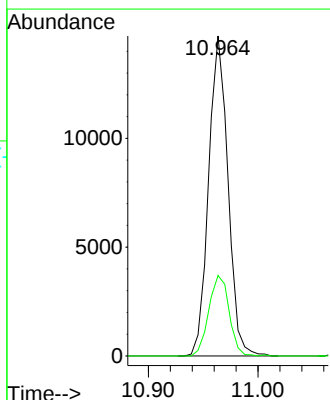
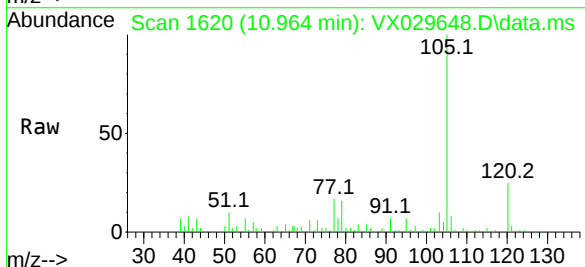
Instrument :
MSVOA_X
ClientSampleId :
MW-55

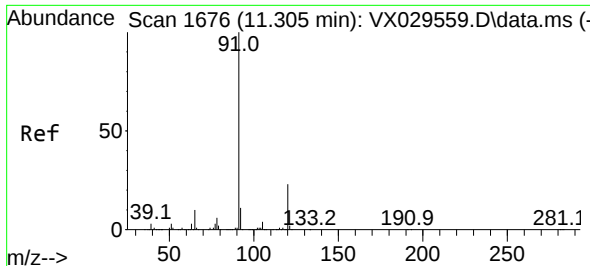
Tgt Ion:152 Resp: 162709
Ion Ratio Lower Upper
152 100
115 63.4 37.5 112.7
150 157.0 0.0 338.2



#73
Isopropylbenzene
Concen: 1.475 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX029648.D
Acq: 21 Jun 2022 08:05

Tgt Ion:105 Resp: 17997
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.5

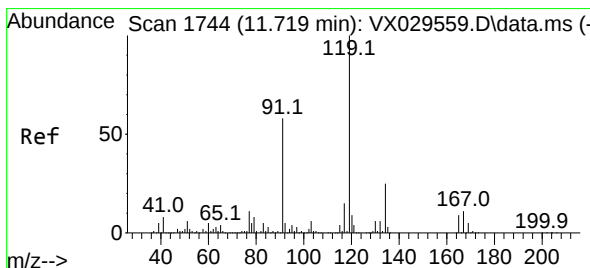
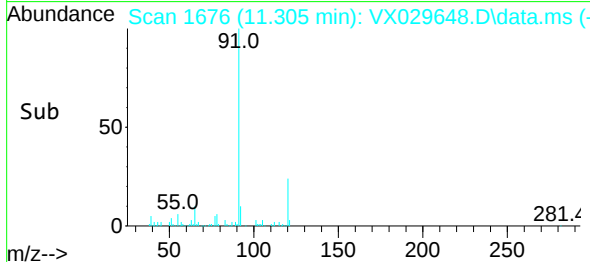
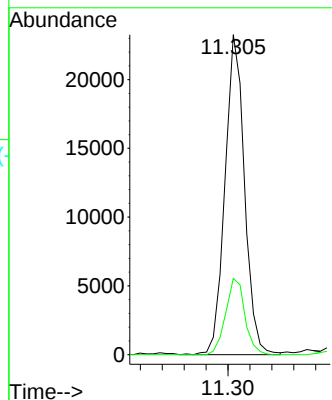
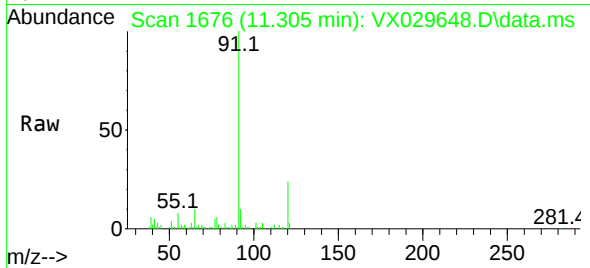




#78
n-propylbenzene
Concen: 2.097 ug/l
RT: 11.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029648.D
Acq: 21 Jun 2022 08:05

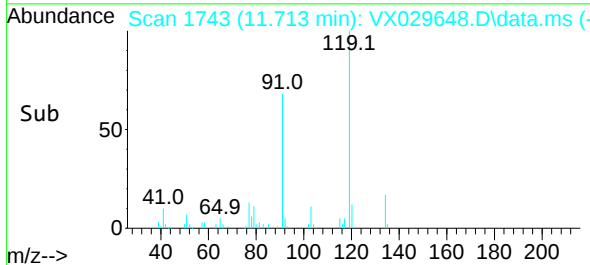
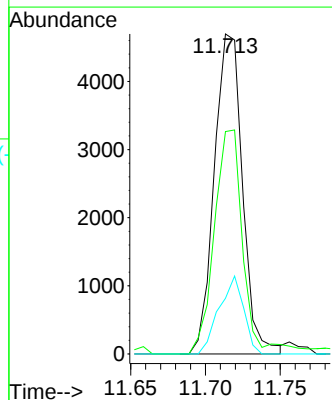
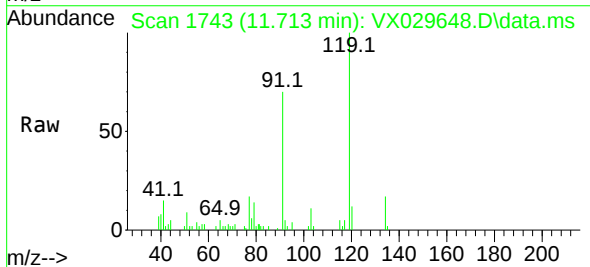
Instrument :
MSVOA_X
ClientSampleId :
MW-55

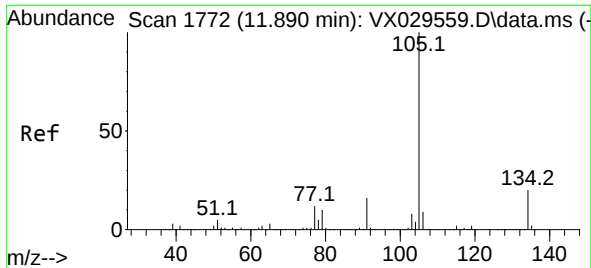
Tgt Ion: 91 Resp: 28811
Ion Ratio Lower Upper
91 100
120 23.5 11.6 34.8



#83
tert-Butylbenzene
Concen: 0.616 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VX029648.D
Acq: 21 Jun 2022 08:05

Tgt Ion: 119 Resp: 6173
Ion Ratio Lower Upper
119 100
91 71.3 26.9 80.6
134 21.1 11.4 34.2

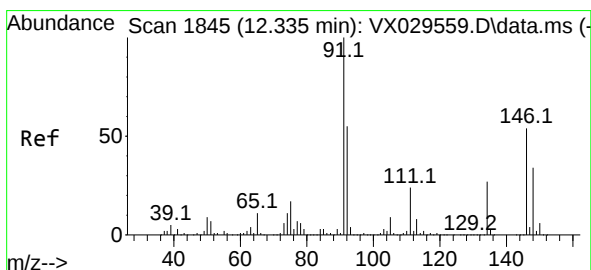
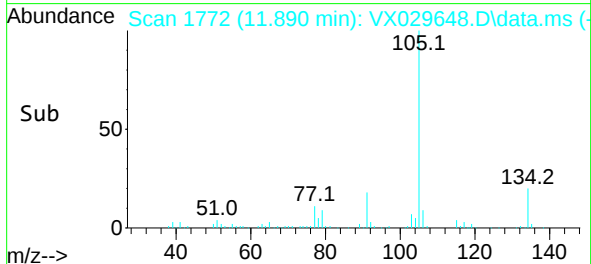
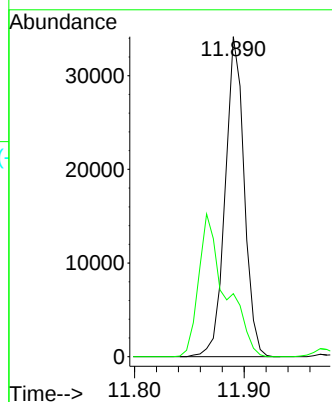
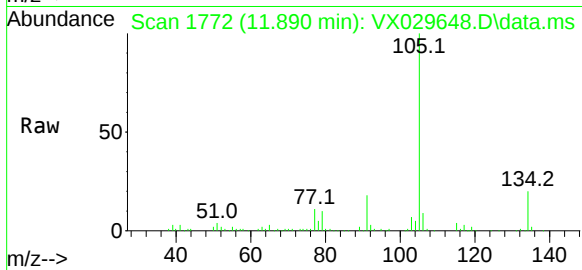




#85
 sec-Butylbenzene
 Concen: 3.316 ug/l
 RT: 11.890 min Scan# 11772
 Delta R.T. 0.000 min
 Lab File: VX029648.D
 Acq: 21 Jun 2022 08:05

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-55

Tgt Ion:105 Resp: 41170
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4#



#89
 n-Butylbenzene
 Concen: 2.910 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX029648.D
 Acq: 21 Jun 2022 08:05

Tgt Ion: 91 Resp: 25535
 Ion Ratio Lower Upper
 91 100
 92 44.9 27.8 83.3
 134 54.5 13.3 39.8#

