

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042222\
 Data File : VX028283.D
 Acq On : 22 Apr 2022 16:49
 Operator : JC/MD
 Sample : N2511-13 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1553

Quant Time: Apr 23 06:43:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

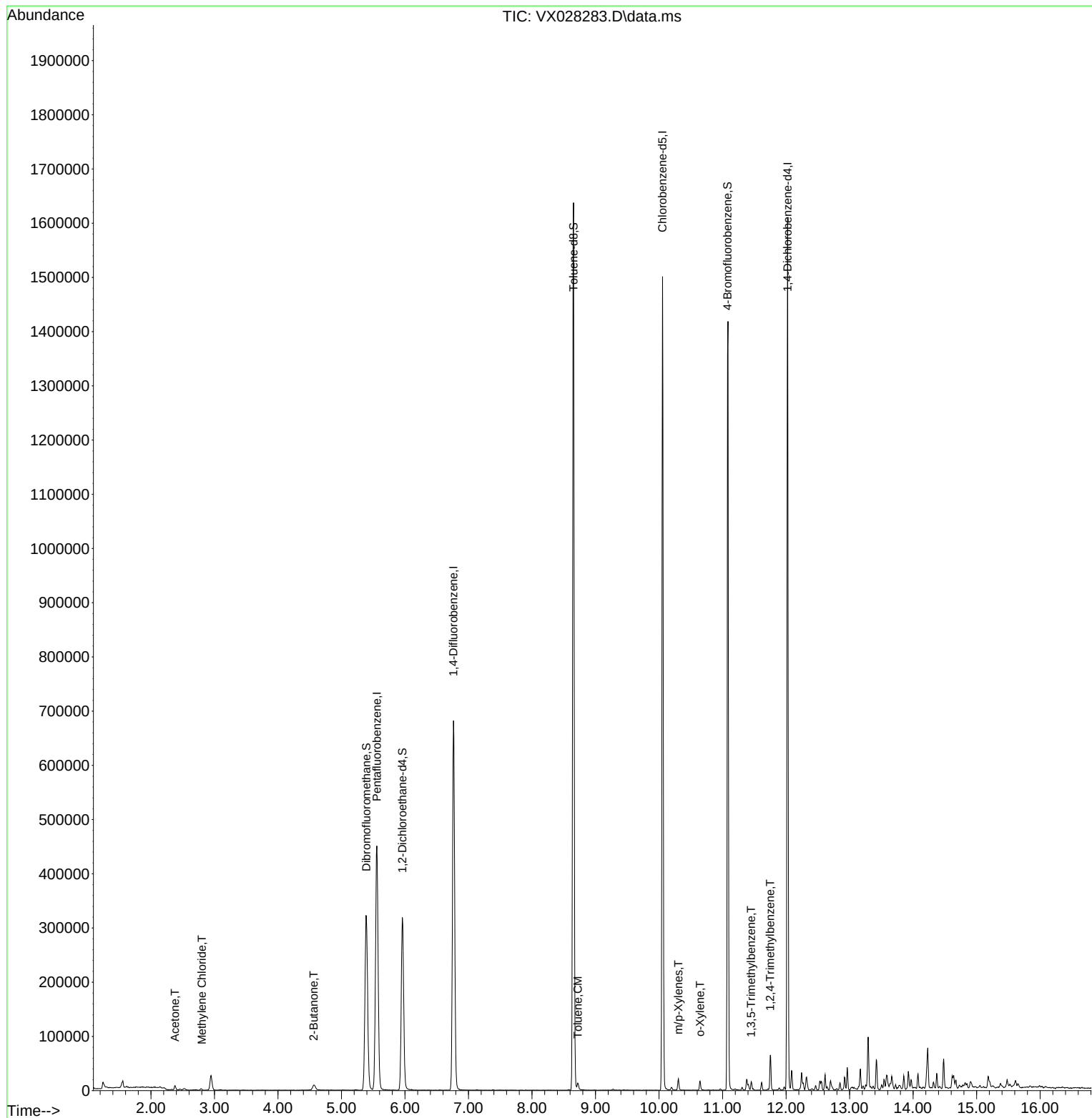
Internal Standards						
1) Pentafluorobenzene	5.556	168	451269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	747290	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	700522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	337087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	302574	51.423	ug/l	0.00
Spiked Amount 50.000	Range	61 - 141	Recovery	=	102.840%	
35) Dibromofluoromethane	5.391	113	284508	54.288	ug/l	0.00
Spiked Amount 50.000	Range	69 - 133	Recovery	=	108.580%	
50) Toluene-d8	8.653	98	1017260	50.538	ug/l	0.00
Spiked Amount 50.000	Range	65 - 126	Recovery	=	101.080%	
62) 4-Bromofluorobenzene	11.079	95	369395	47.997	ug/l	0.00
Spiked Amount 50.000	Range	58 - 135	Recovery	=	96.000%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	8243	3.209	ug/l	99
20) Methylene Chloride	2.800	84	1089	0.249	ug/l #	85
25) 2-Butanone	4.562	43	2725	0.782	ug/l #	80
52) Toluene	8.720	92	4611	0.332	ug/l	98
68) m/p-Xylenes	10.305	106	5171	0.507	ug/l	92
69) o-Xylene	10.646	106	3702	0.364	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	6375	0.324	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	29140	1.491	ug/l	97

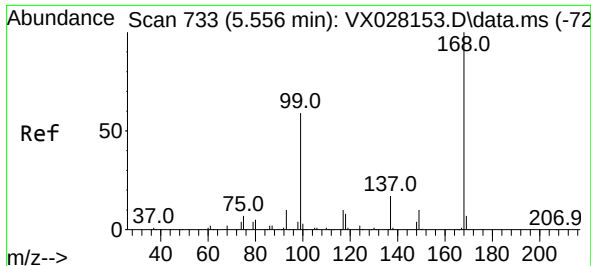
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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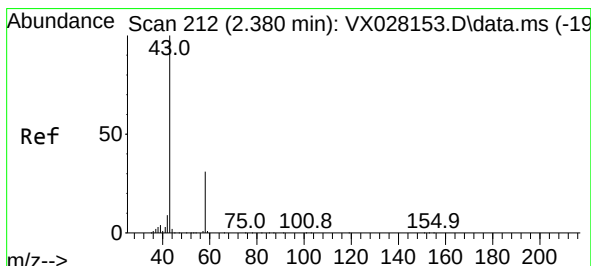
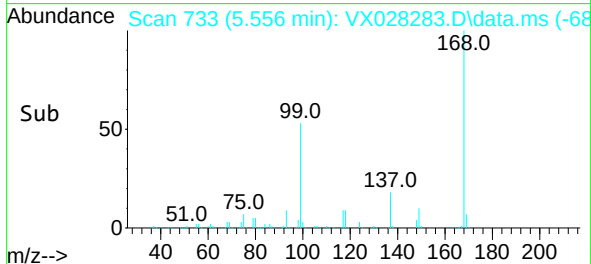
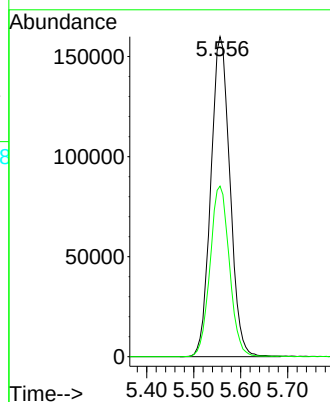
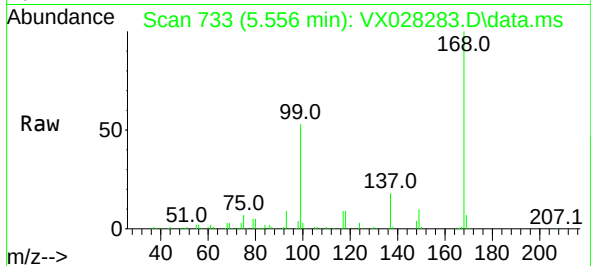




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028283.D
Acq: 22 Apr 2022 16:49

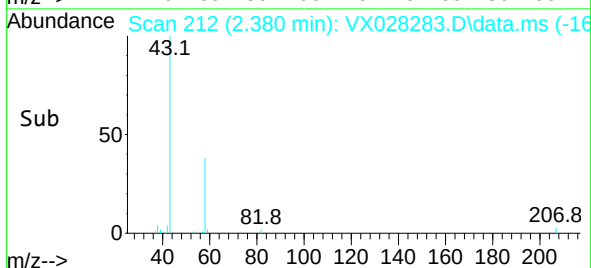
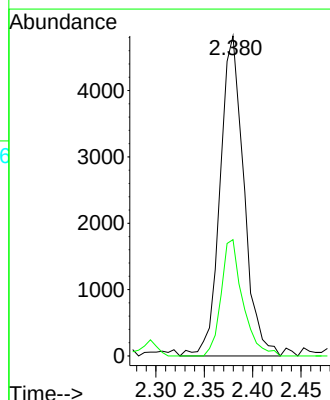
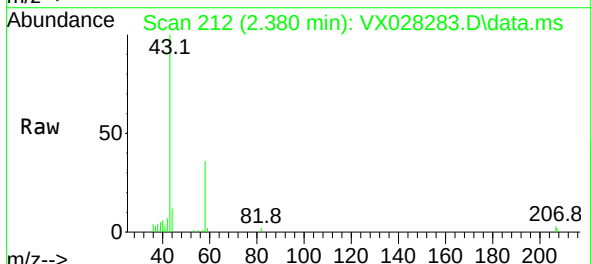
Instrument :
MSVOA_X
ClientSampleId :
1553

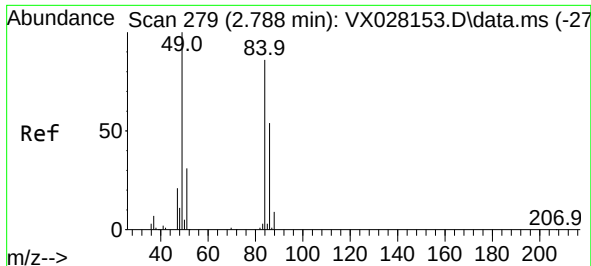
Tgt Ion:168 Resp: 451269
Ion Ratio Lower Upper
168 100
99 53.3 41.7 62.5



#16
Acetone
Concen: 3.209 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028283.D
Acq: 22 Apr 2022 16:49

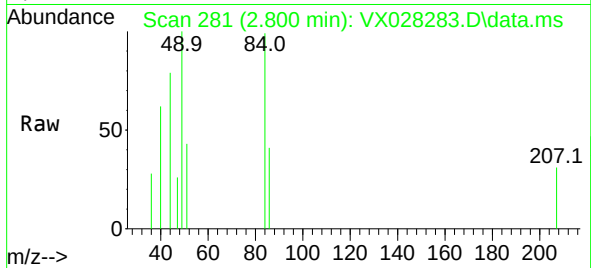
Tgt Ion: 43 Resp: 8243
Ion Ratio Lower Upper
43 100
58 36.4 28.8 43.2



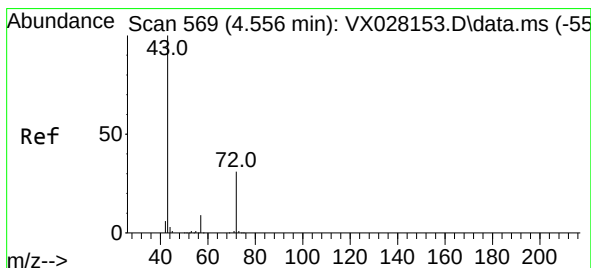
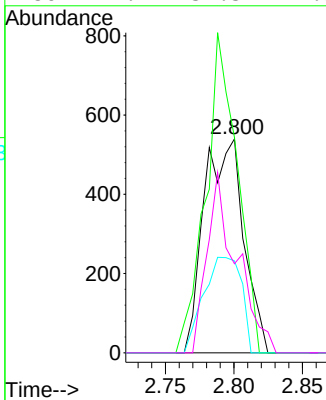
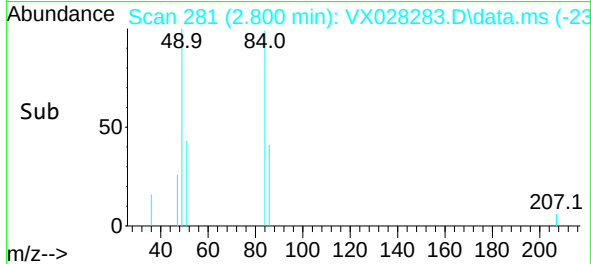


#20
Methylene Chloride
Concen: 0.249 ug/l
RT: 2.800 min Scan# 21553
Delta R.T. 0.012 min
Lab File: VX028283.D
Acq: 22 Apr 2022 16:49

Instrument :
MSVOA_X
ClientSampleId :

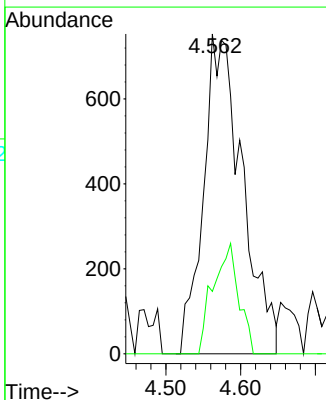
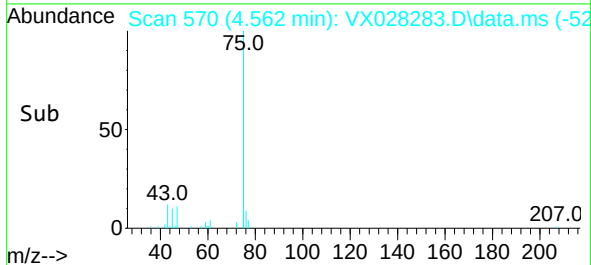
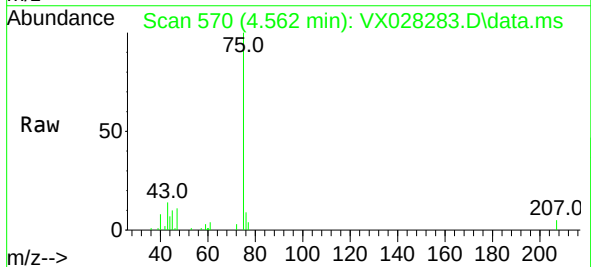


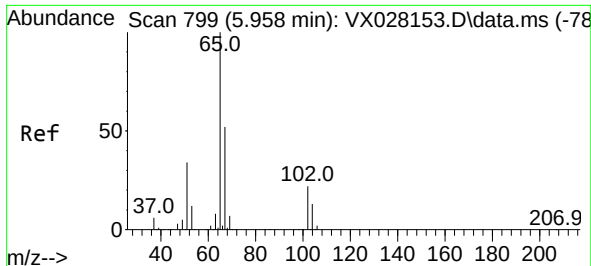
Tgt Ion:	84	Resp:	1089
Ion	Ratio	Lower	Upper
84	100		
49	100.7	85.5	128.3
51	43.0	26.6	39.8#
86	41.7	51.5	77.3#



#25
2-Butanone
Concen: 0.782 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX028283.D
Acq: 22 Apr 2022 16:49

Tgt Ion:	43	Resp:	2725
Ion	Ratio	Lower	Upper
43	100		
72	19.5	24.4	36.6#





#33

1,2-Dichloroethane-d4

Concen: 51.423 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028283.D

Acq: 22 Apr 2022 16:49

Instrument :

MSVOA_X

ClientSampleId :

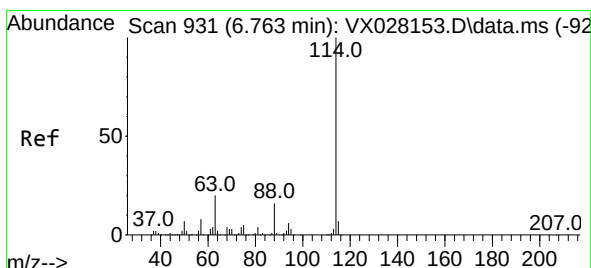
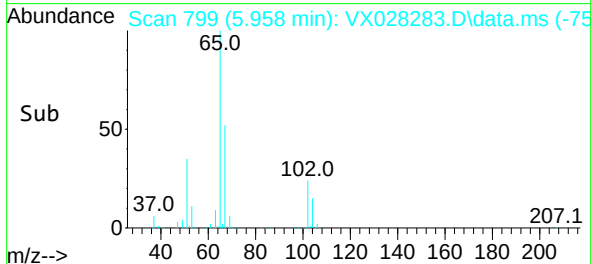
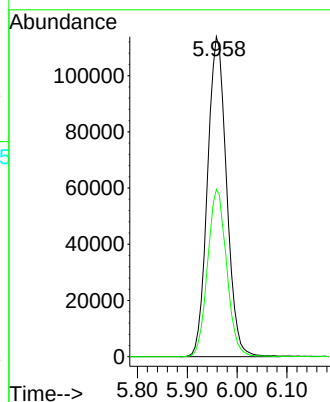
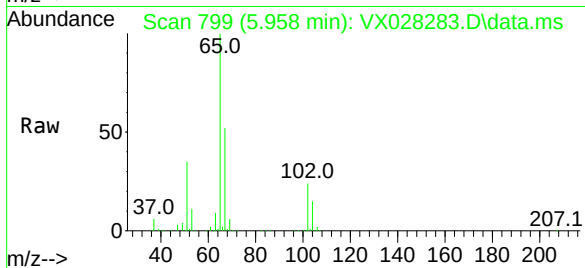
1553

Tgt Ion: 65 Resp: 302574

Ion Ratio Lower Upper

65 100

67 52.1 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: VX028283.D

Acq: 22 Apr 2022 16:49

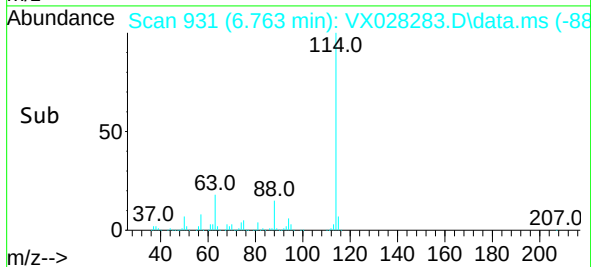
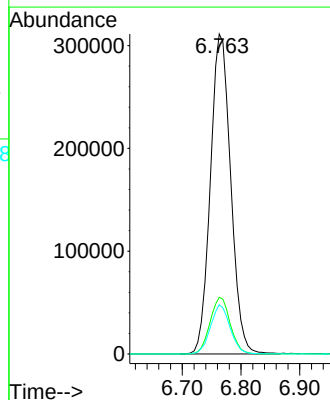
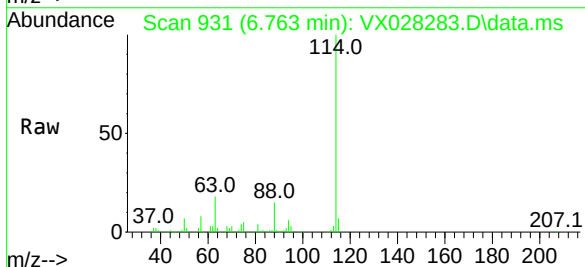
Tgt Ion: 114 Resp: 747290

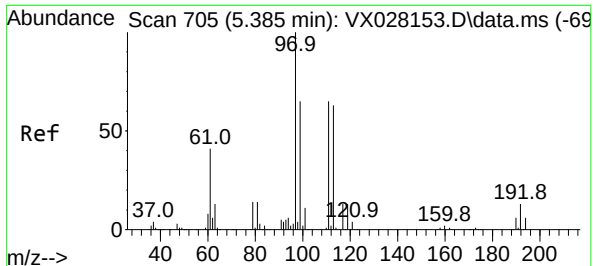
Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.8

88 15.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 54.288 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028283.D

Acq: 22 Apr 2022 16:49

Instrument :

MSVOA_X

ClientSampleId :

1553

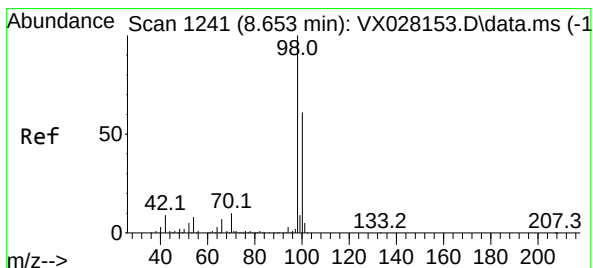
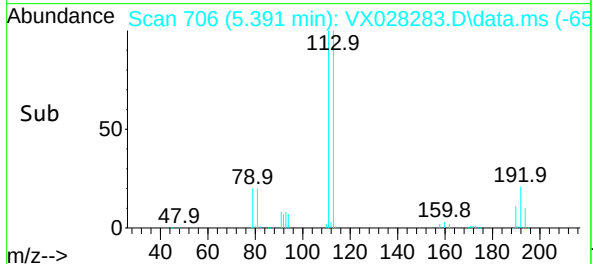
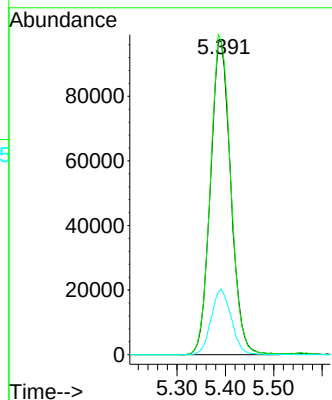
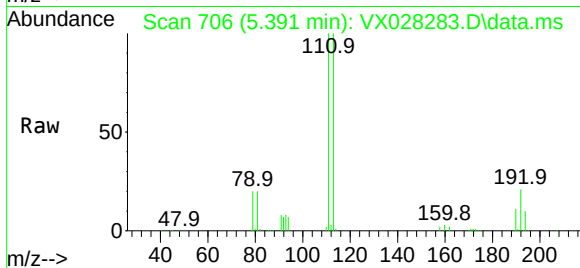
Tgt Ion:113 Resp: 284508

Ion Ratio Lower Upper

113 100

111 101.5 82.8 124.2

192 20.6 16.9 25.3



#50

Toluene-d8

Concen: 50.538 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX028283.D

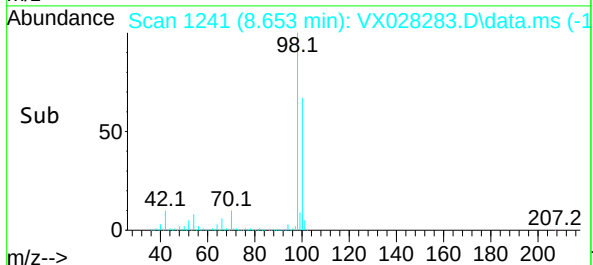
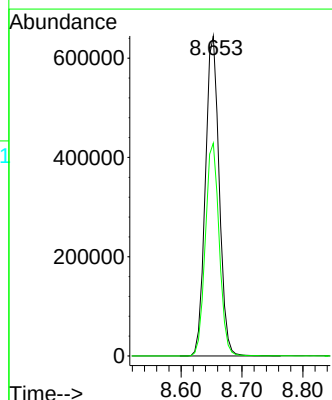
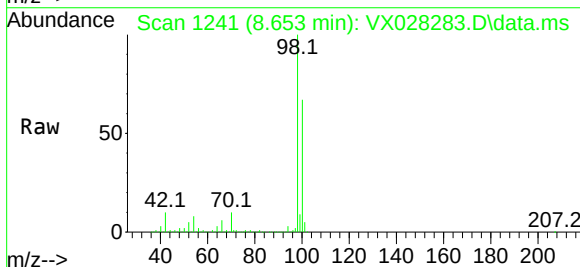
Acq: 22 Apr 2022 16:49

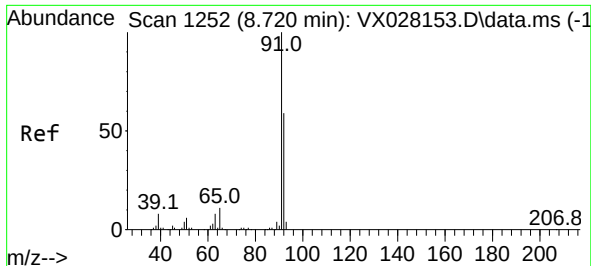
Tgt Ion: 98 Resp: 1017260

Ion Ratio Lower Upper

98 100

100 66.8 52.6 78.8

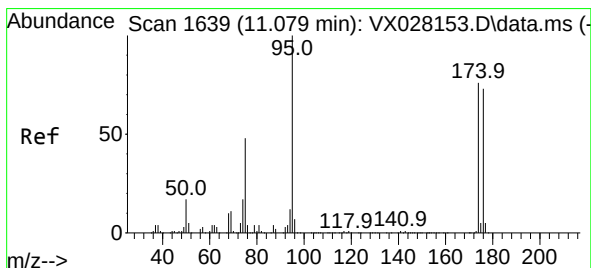
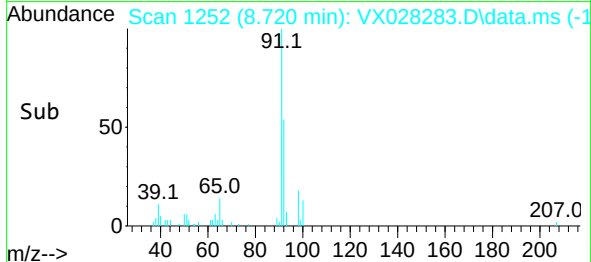
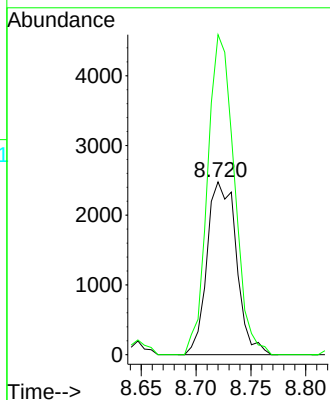
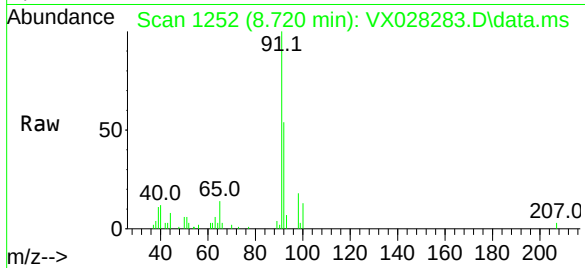




#52
Toluene
Concen: 0.332 ug/l
RT: 8.720 min Scan# 1153
Delta R.T. -0.000 min
Lab File: VX028283.D
Acq: 22 Apr 2022 16:49

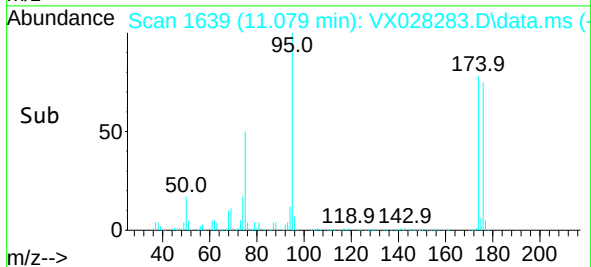
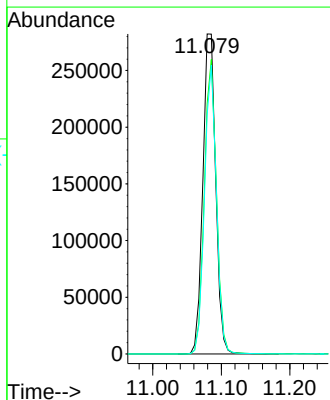
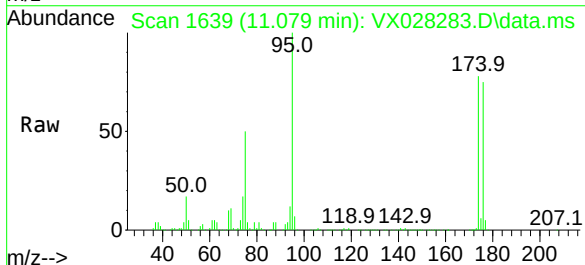
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1553

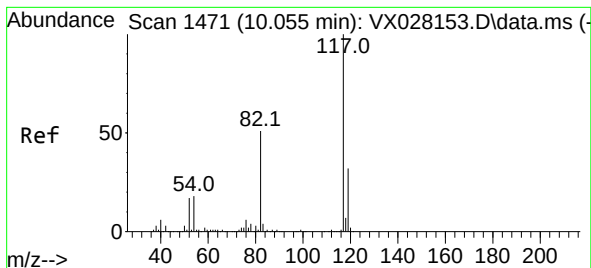
Tgt Ion: 92 Resp: 4611
Ion Ratio Lower Upper
92 100
91 169.0 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 47.997 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028283.D
Acq: 22 Apr 2022 16:49

Tgt Ion: 95 Resp: 369395
Ion Ratio Lower Upper
95 100
174 87.1 0.0 163.0
176 84.1 0.0 155.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX028283.D

Acq: 22 Apr 2022 16:49

Instrument :

MSVOA_X

ClientSampleId :

1553

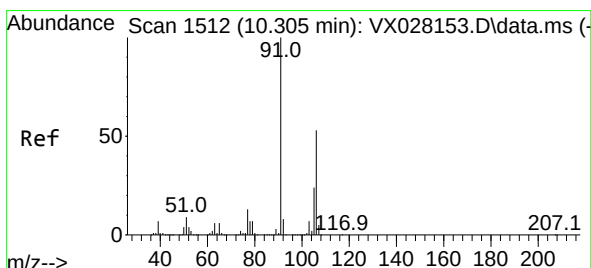
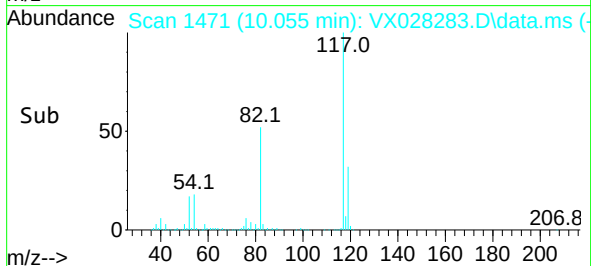
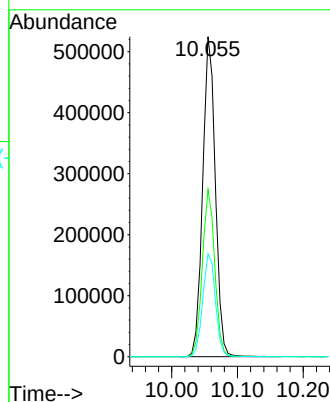
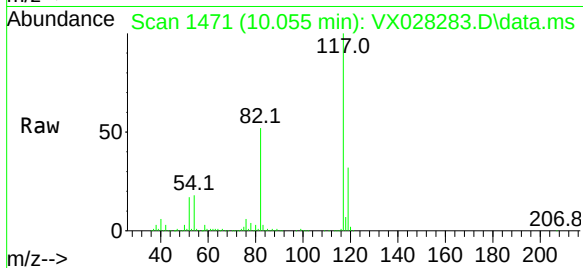
Tgt Ion:117 Resp: 700522

Ion Ratio Lower Upper

117 100

82 52.2 41.8 62.8

119 32.1 24.8 37.2



#68

m/p-Xylenes

Concen: 0.507 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX028283.D

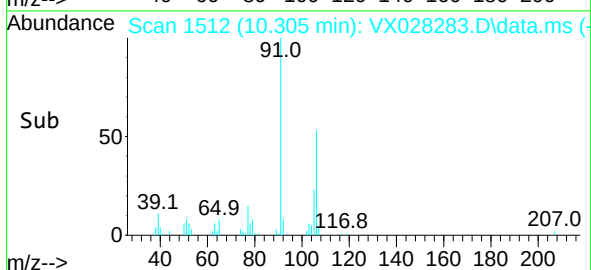
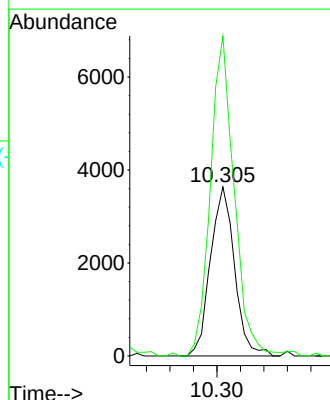
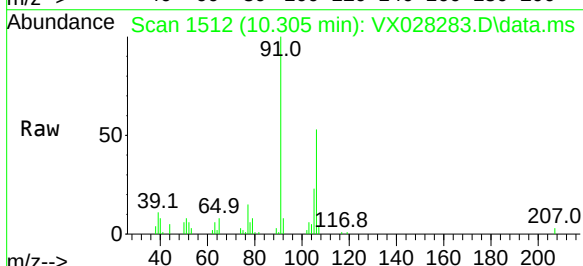
Acq: 22 Apr 2022 16:49

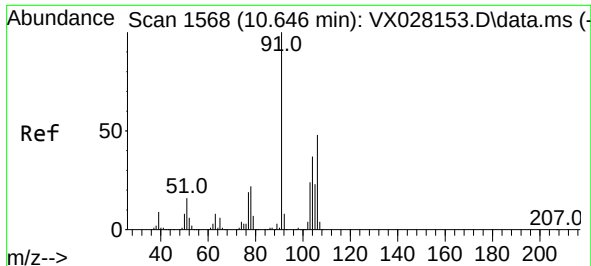
Tgt Ion:106 Resp: 5171

Ion Ratio Lower Upper

106 100

91 188.5 160.4 240.6

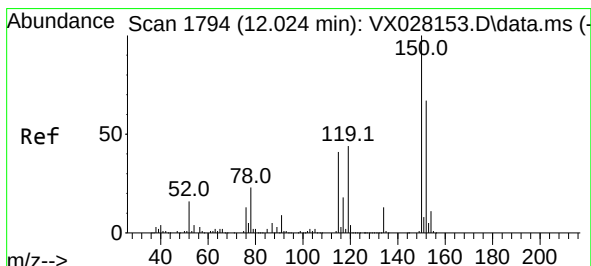
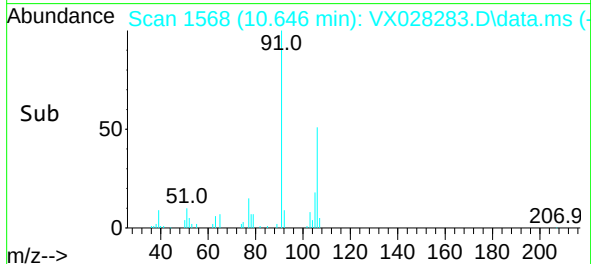
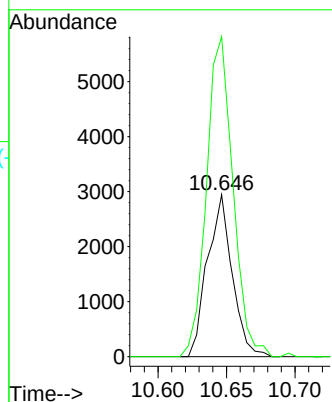
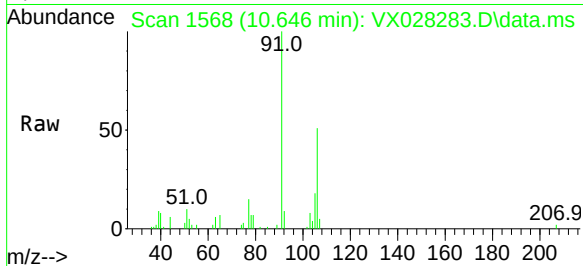




#69
o-Xylene
Concen: 0.364 ug/l
RT: 10.646 min Scan# 1153
Delta R.T. 0.000 min
Lab File: VX028283.D
Acq: 22 Apr 2022 16:49

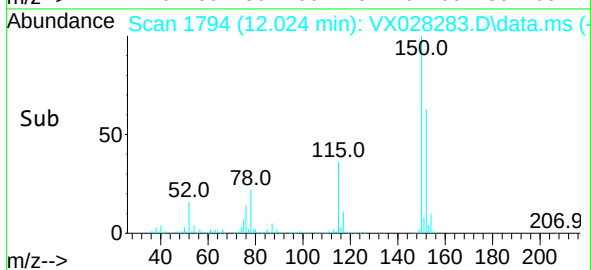
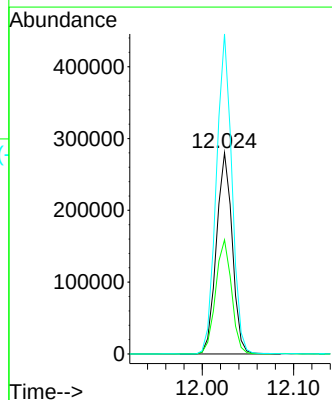
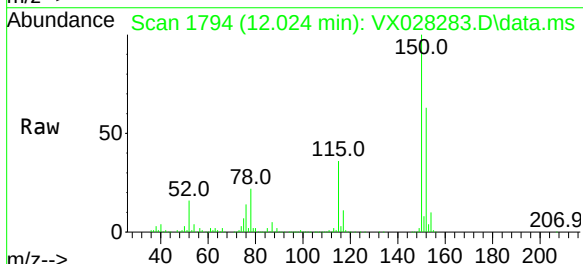
Instrument :
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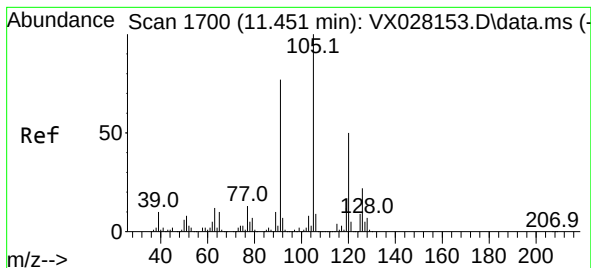
Tgt Ion:106 Resp: 3702
Ion Ratio Lower Upper
106 100
91 211.2 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028283.D
Acq: 22 Apr 2022 16:49

Tgt Ion:152 Resp: 337087
Ion Ratio Lower Upper
152 100
115 57.0 37.5 112.7
150 156.4 0.0 338.2





#80

1,3,5-Trimethylbenzene

Concen: 0.324 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX028283.D

Acq: 22 Apr 2022 16:49

Instrument :

MSVOA_X

ClientSampleId :

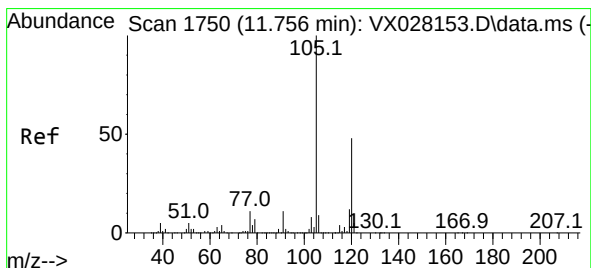
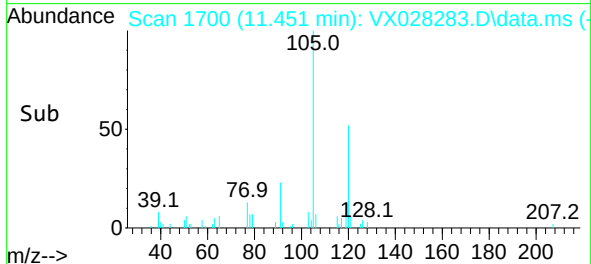
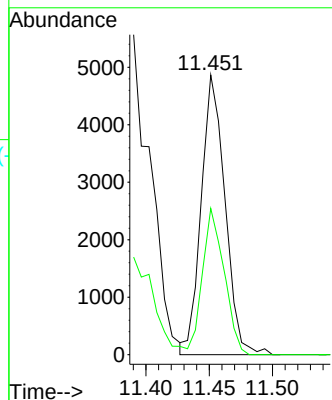
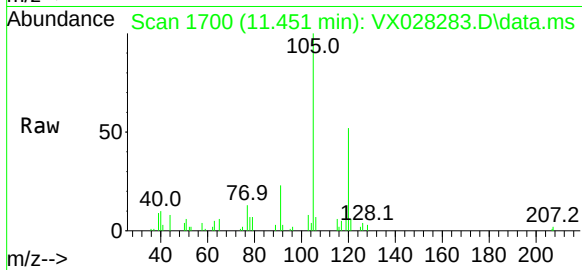
1553

Tgt Ion:105 Resp: 6375

Ion Ratio Lower Upper

105 100

120 47.6 24.3 72.9



#84

1,2,4-Trimethylbenzene

Concen: 1.491 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VX028283.D

Acq: 22 Apr 2022 16:49

Tgt Ion:105 Resp: 29140

Ion Ratio Lower Upper

105 100

120 47.3 22.6 67.8

