

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042222\
 Data File : VX028293.D
 Acq On : 22 Apr 2022 20:41
 Operator : JC/MD
 Sample : N2511-10 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1593

Quant Time: Apr 23 06:45:58 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)

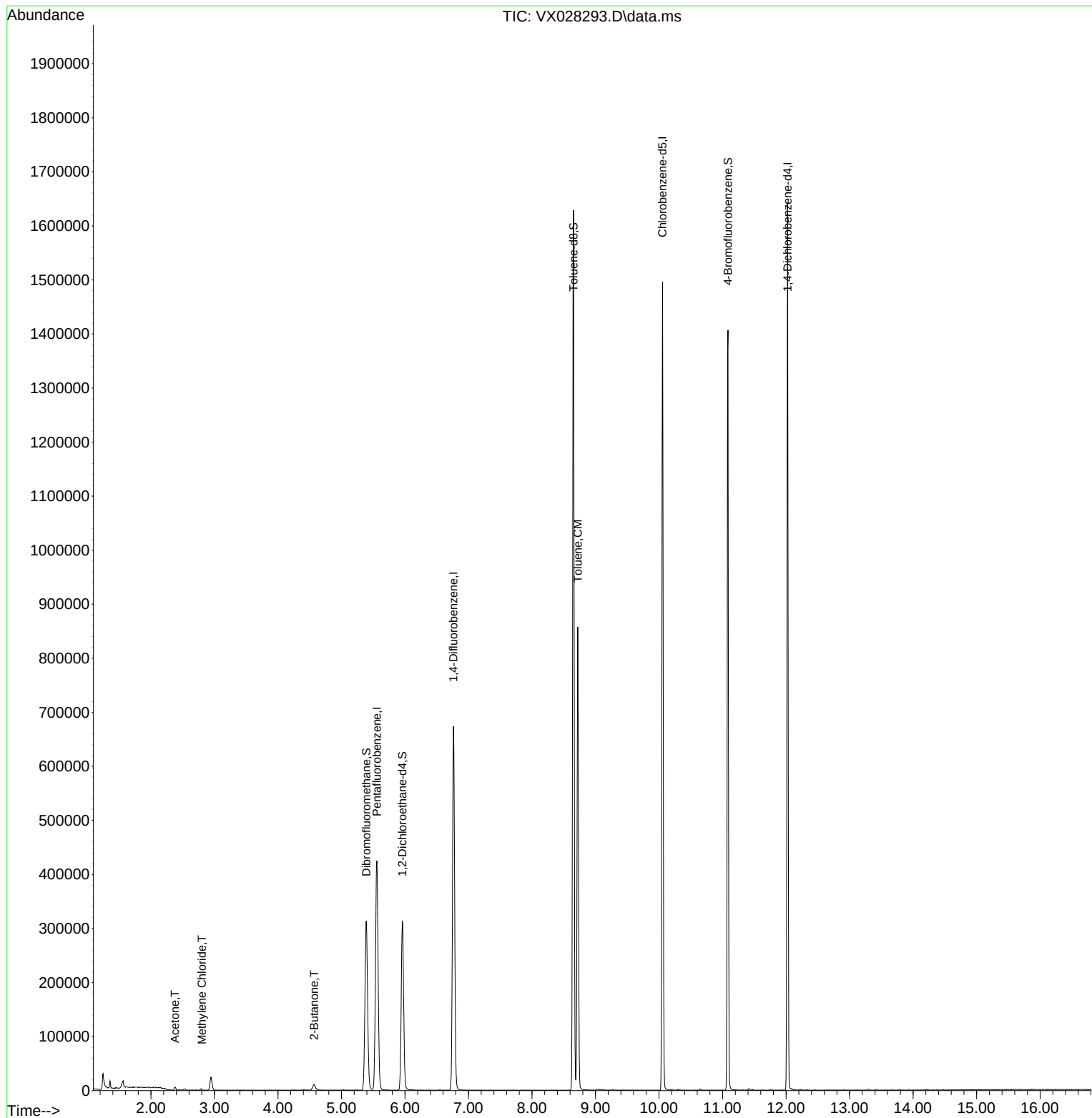
Internal Standards						
1) Pentafluorobenzene	5.556	168	422607	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	727123	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	700073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	334829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	296678	53.841	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 107.680%	
35) Dibromofluoromethane	5.391	113	272273	53.395	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 106.780%	
50) Toluene-d8	8.653	98	994923	50.800	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.600%	
62) 4-Bromofluorobenzene	11.085	95	368366	49.190	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 98.380%	
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	6633	2.559	ug/l	88
20) Methylene Chloride	2.800	84	1403	0.343	ug/l #	63
25) 2-Butanone	4.568	43	11636	3.566	ug/l	100
52) Toluene	8.720	92	329983	24.395	ug/l	99

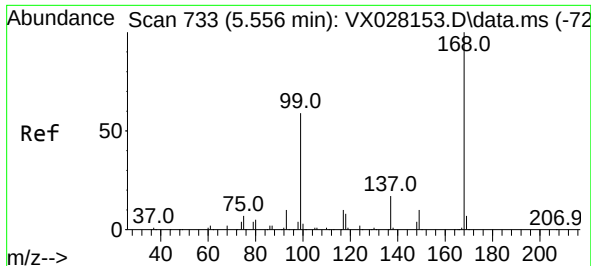
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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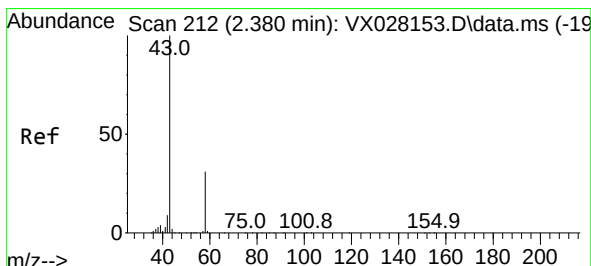
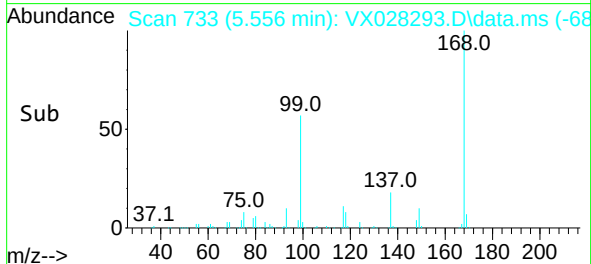
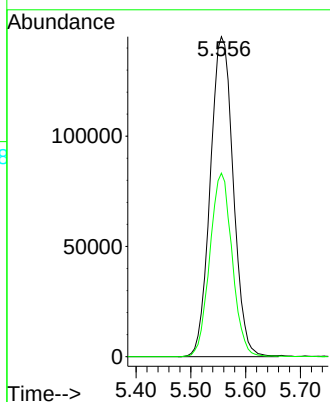
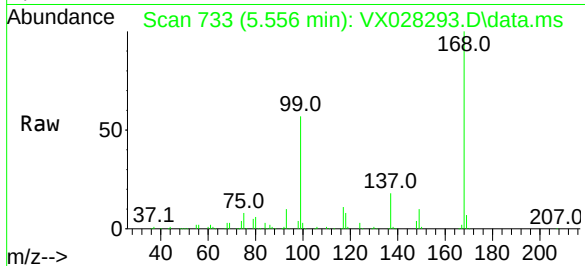




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028293.D
Acq: 22 Apr 2022 20:41

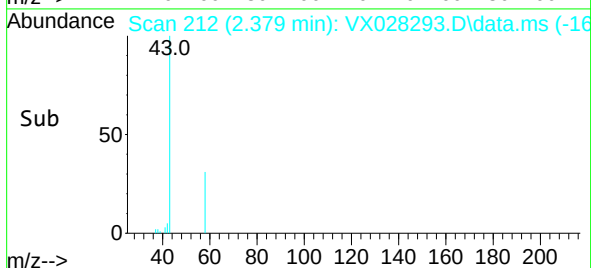
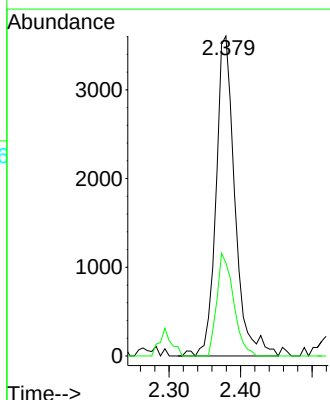
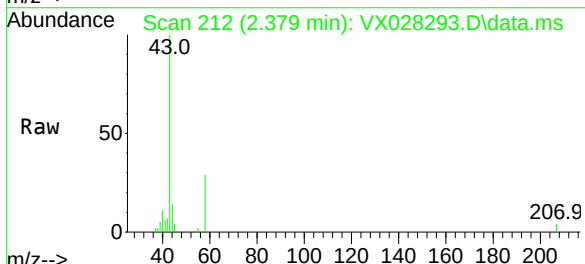
Instrument :
MSVOA_X
ClientSampleId :
1593

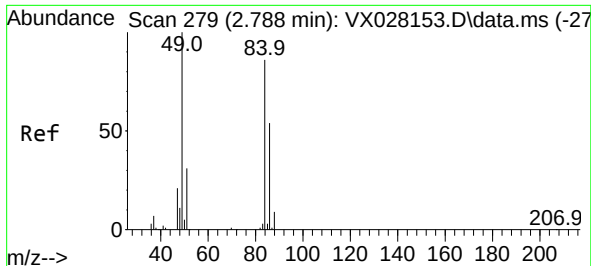
Tgt Ion:168 Resp: 422607
Ion Ratio Lower Upper
168 100
99 57.4 41.7 62.5



#16
Acetone
Concen: 2.559 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX028293.D
Acq: 22 Apr 2022 20:41

Tgt Ion: 43 Resp: 6633
Ion Ratio Lower Upper
43 100
58 29.1 28.8 43.2

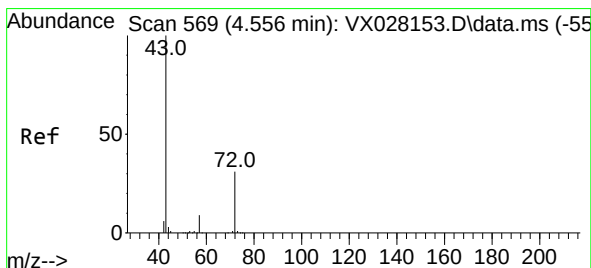
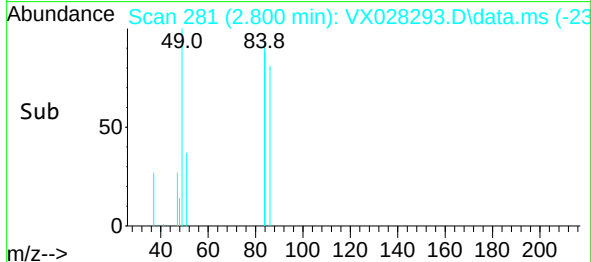
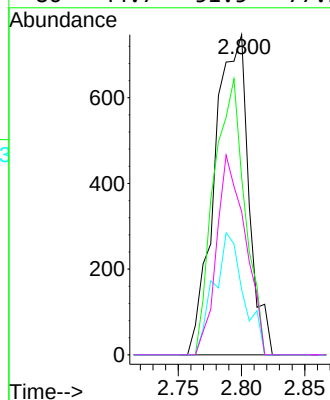
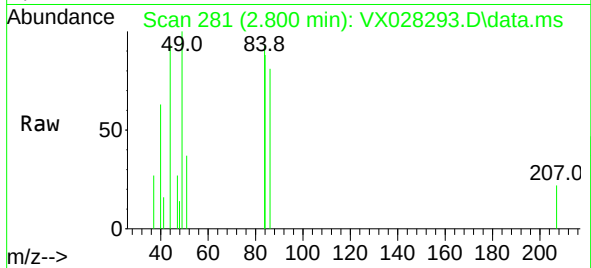




#20
Methylene Chloride
Concen: 0.343 ug/l
RT: 2.800 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX028293.D
Acq: 22 Apr 2022 20:41

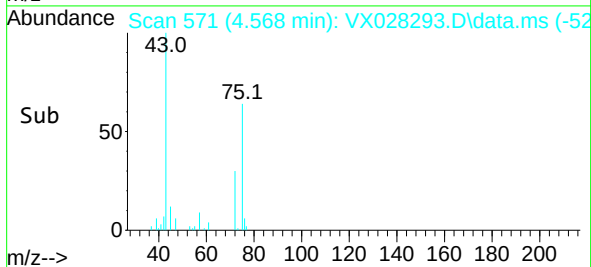
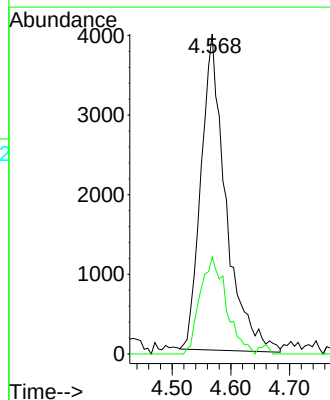
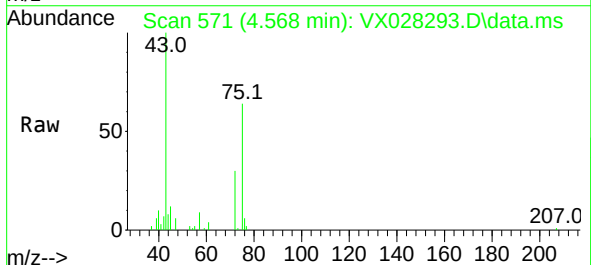
Instrument :
MSVOA_X
ClientSampleId :
1593

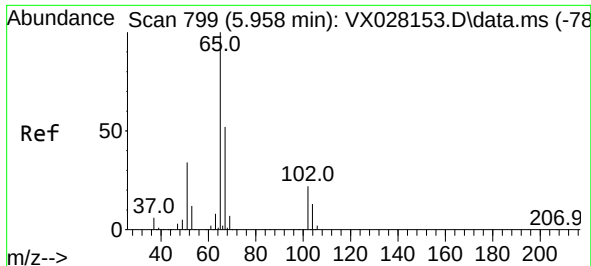
Tgt Ion: 84	Resp: 1403
Ion Ratio	Lower Upper
84 100	
49 55.4	85.5 128.3#
51 20.3	26.6 39.8#
86 44.7	51.5 77.3#



#25
2-Butanone
Concen: 3.566 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX028293.D
Acq: 22 Apr 2022 20:41

Tgt Ion: 43	Resp: 11636
Ion Ratio	Lower Upper
43 100	
72 30.7	24.4 36.6





#33

1,2-Dichloroethane-d4

Concen: 53.841 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028293.D

Acq: 22 Apr 2022 20:41

Instrument :

MSVOA_X

ClientSampleId :

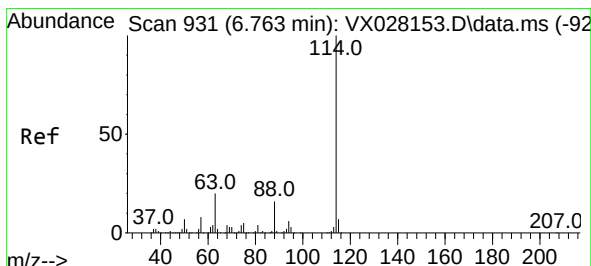
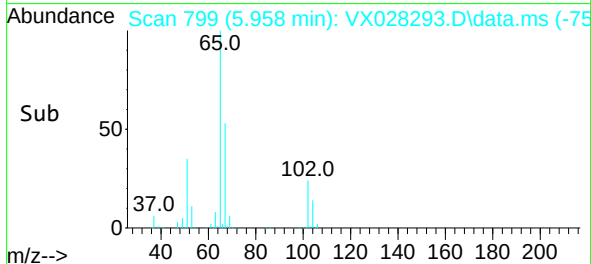
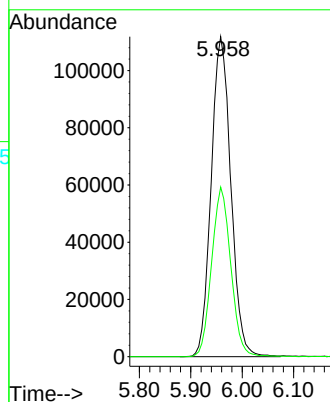
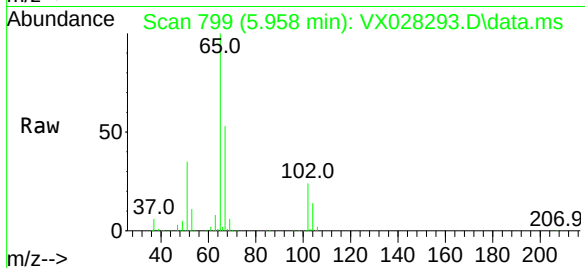
1593

Tgt Ion: 65 Resp: 296678

Ion Ratio Lower Upper

65 100

67 51.8 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: VX028293.D

Acq: 22 Apr 2022 20:41

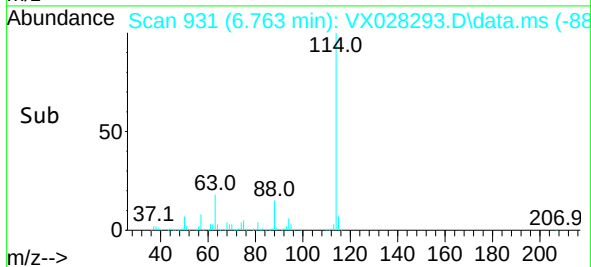
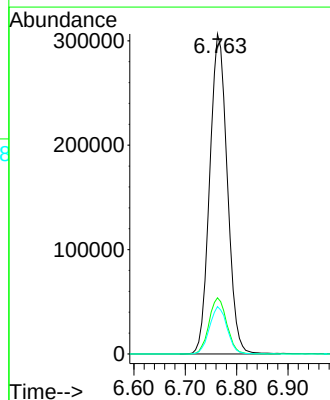
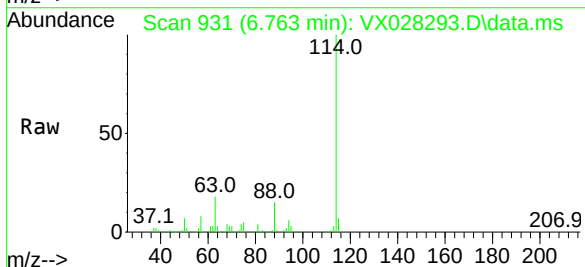
Tgt Ion: 114 Resp: 727123

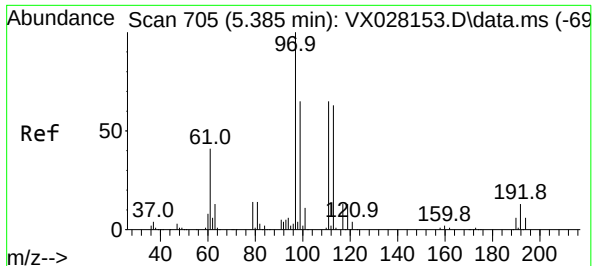
Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.8

88 14.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 53.395 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028293.D

Acq: 22 Apr 2022 20:41

Instrument :

MSVOA_X

ClientSampleId :

1593

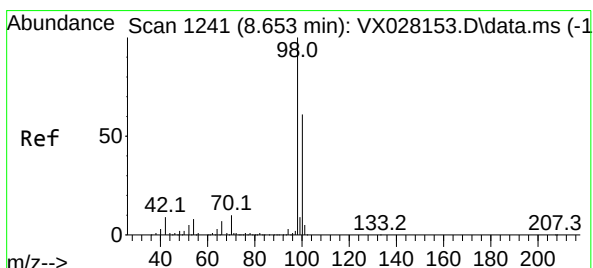
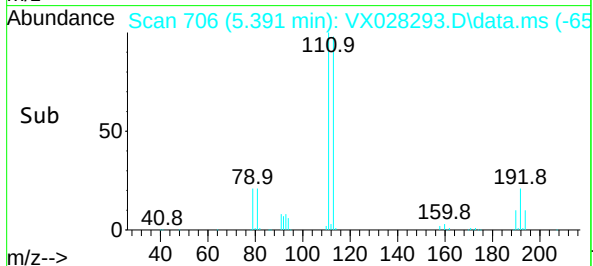
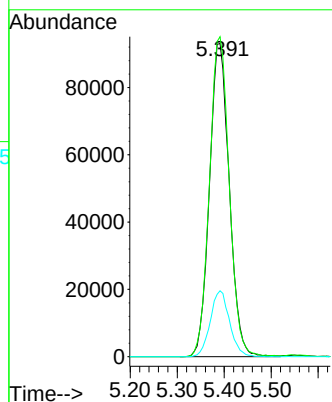
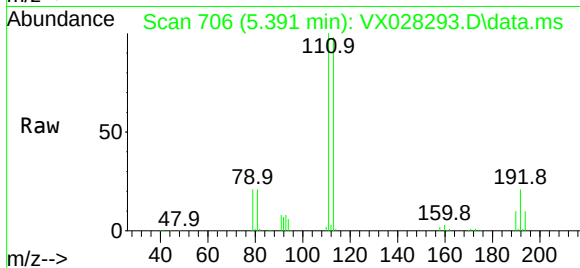
Tgt Ion:113 Resp: 272273

Ion Ratio Lower Upper

113 100

111 102.2 82.8 124.2

192 20.5 16.9 25.3



#50

Toluene-d8

Concen: 50.800 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX028293.D

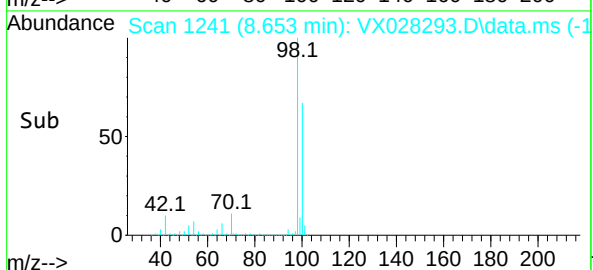
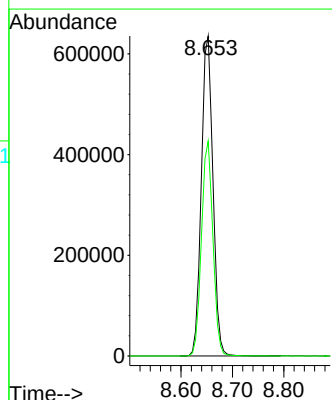
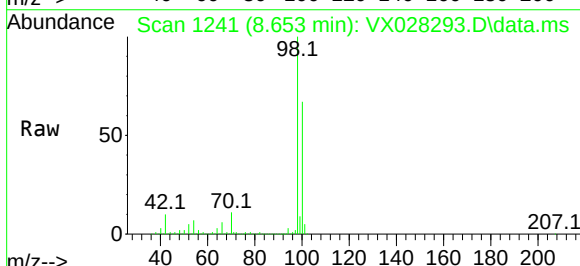
Acq: 22 Apr 2022 20:41

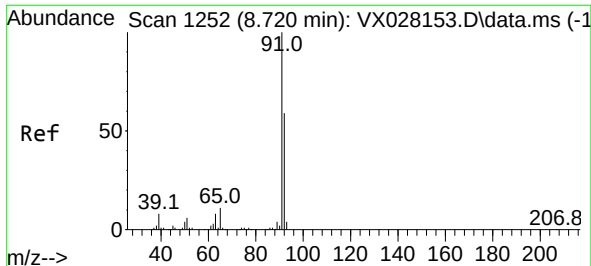
Tgt Ion: 98 Resp: 994923

Ion Ratio Lower Upper

98 100

100 66.2 52.6 78.8

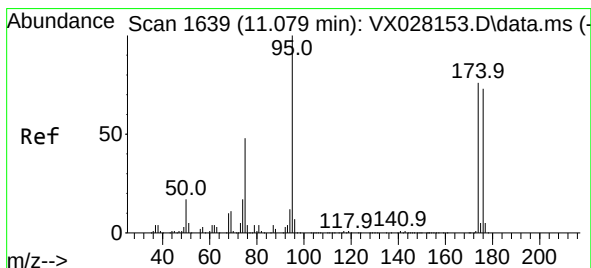
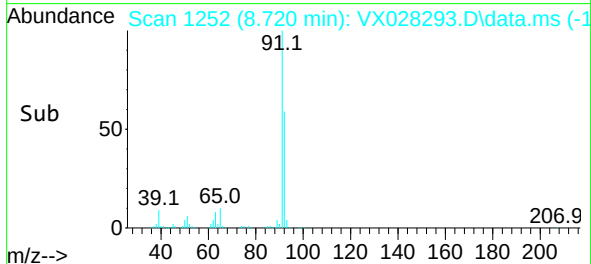
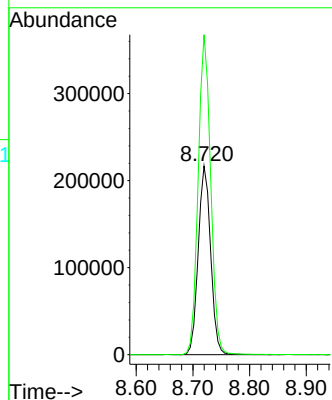
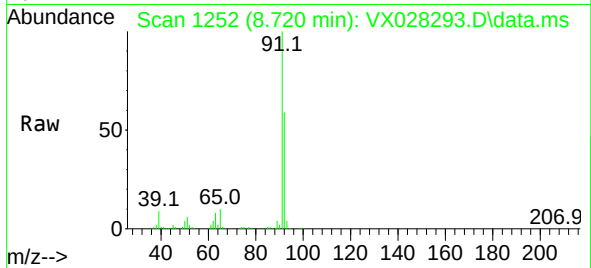




#52
Toluene
Concen: 24.395 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028293.D
Acq: 22 Apr 2022 20:41

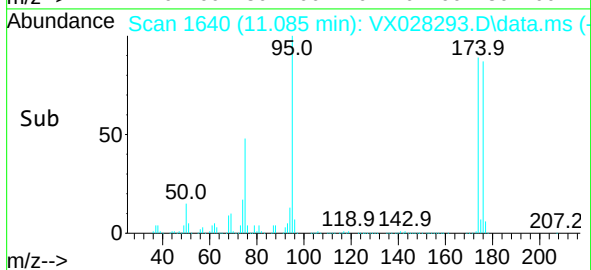
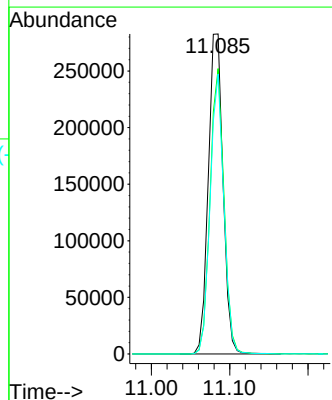
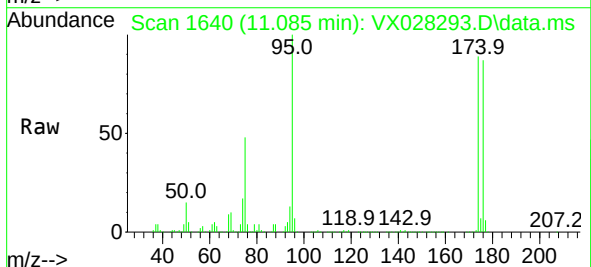
Instrument :
MSVOA_X
ClientSampleId :
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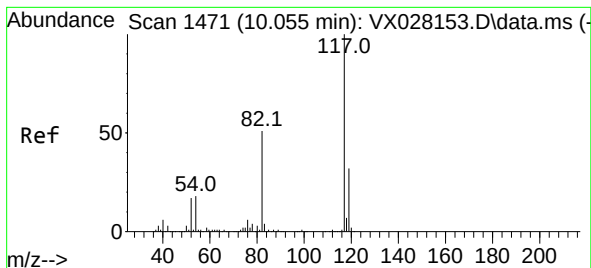
Tgt Ion: 92 Resp: 329983
Ion Ratio Lower Upper
92 100
91 170.6 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 49.190 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX028293.D
Acq: 22 Apr 2022 20:41

Tgt Ion: 95 Resp: 368366
Ion Ratio Lower Upper
95 100
174 84.3 0.0 163.0
176 81.5 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: VX028293.D

Acq: 22 Apr 2022 20:41

Instrument :

MSVOA_X

ClientSampleId :

1593

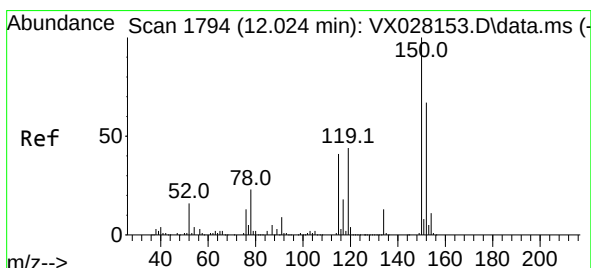
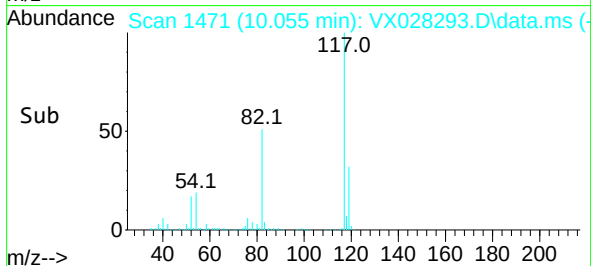
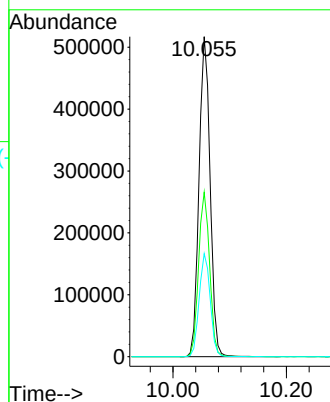
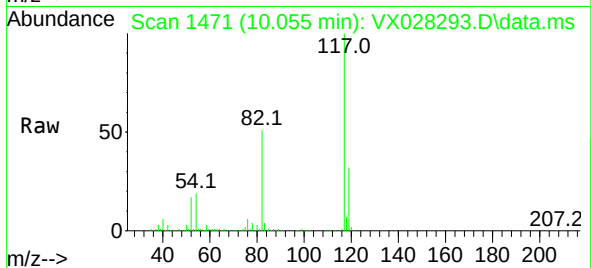
Tgt Ion:117 Resp: 700073

Ion Ratio Lower Upper

117 100

82 51.4 41.8 62.8

119 32.2 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: VX028293.D

Acq: 22 Apr 2022 20:41

Tgt Ion:152 Resp: 334829

Ion Ratio Lower Upper

152 100

115 58.2 37.5 112.7

150 156.0 0.0 338.2

