

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042022\
 Data File : VX028201.D
 Acq On : 20 Apr 2022 16:35
 Operator : JC/MD
 Sample : N2451-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB220415

Quant Time: Apr 21 06:14:20 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)

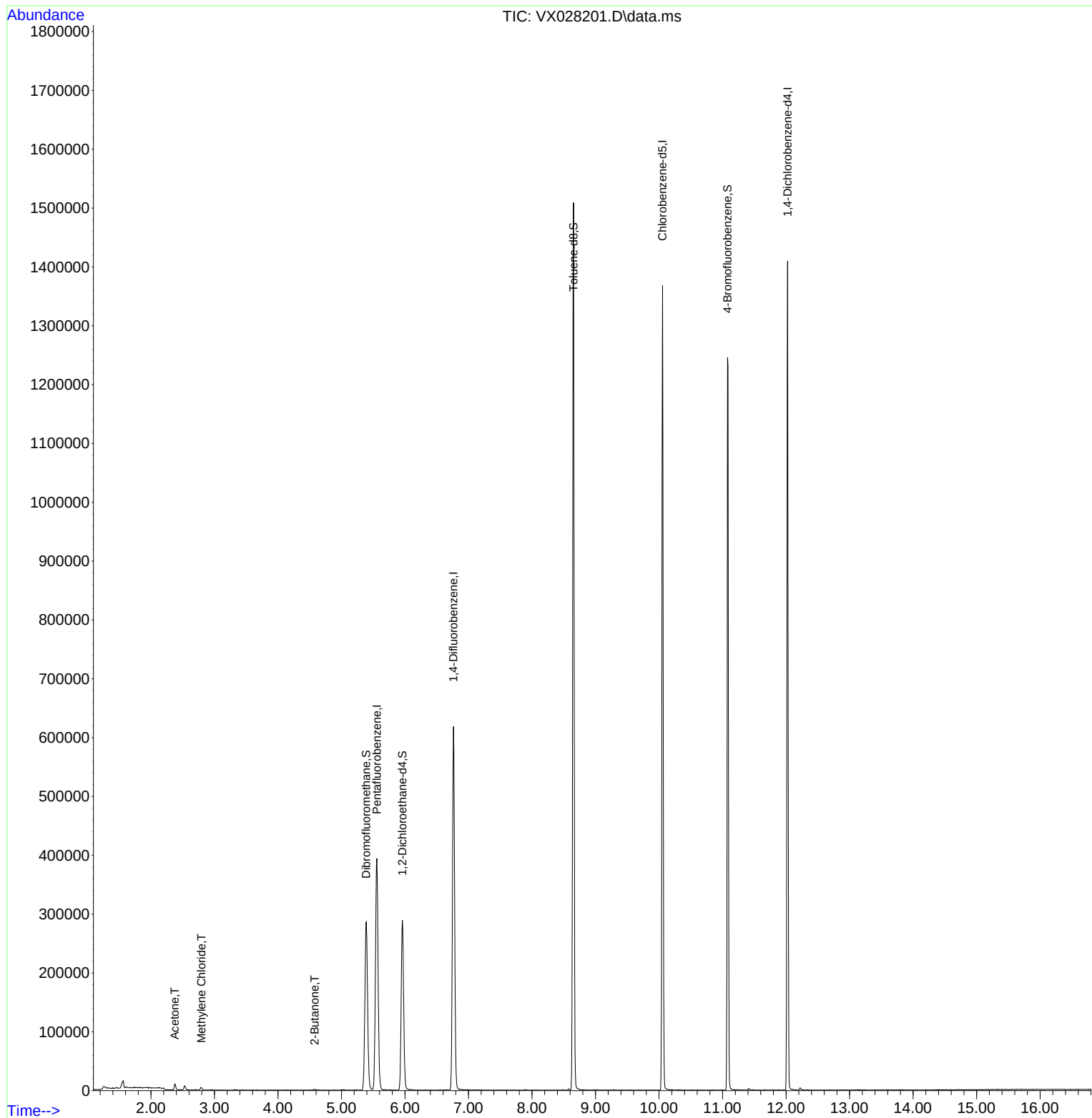
Internal Standards						
1) Pentafluorobenzene	5.556	168	388757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	659178	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	629370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	294773	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	274714	54.196	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	108.400%
35) Dibromofluoromethane	5.385	113	249465	53.964	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	107.920%
50) Toluene-d8	8.653	98	911005	51.309	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.620%
62) 4-Bromofluorobenzene	11.079	95	331045	48.763	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.520%
Target Compounds						
						Qvalue
16) Acetone	2.373	43	11213	5.879	ug/l #	80
20) Methylene Chloride	2.794	84	2300	0.612	ug/l #	83
25) 2-Butanone	4.574	43	2375	0.791	ug/l #	81

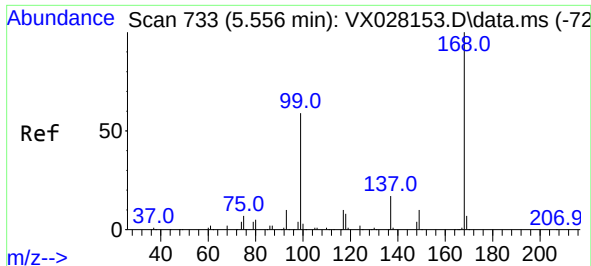
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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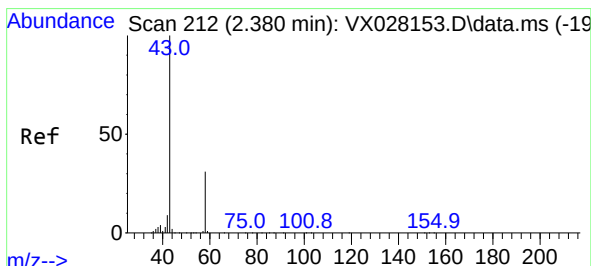
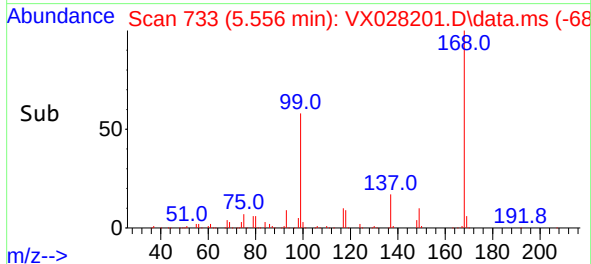
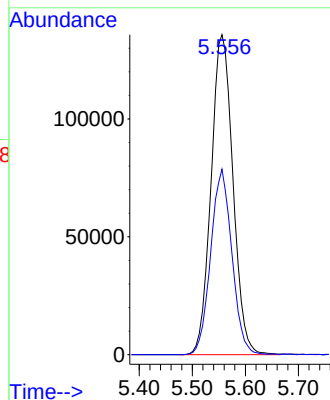
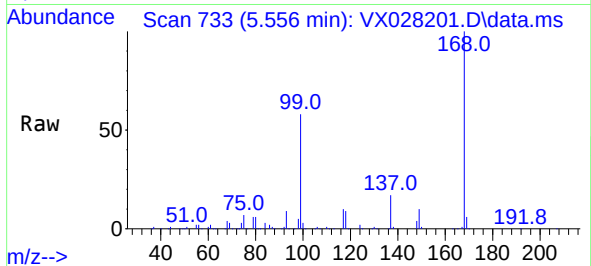




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028201.D
Acq: 20 Apr 2022 16:35

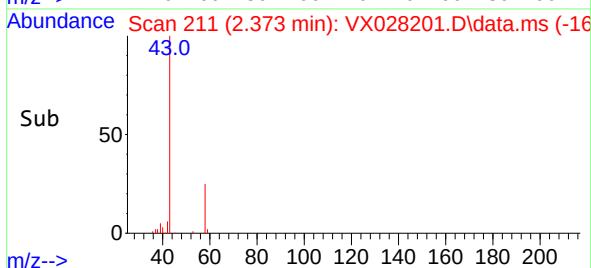
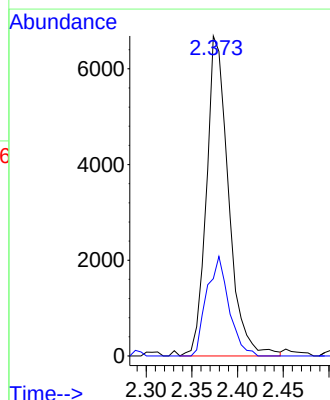
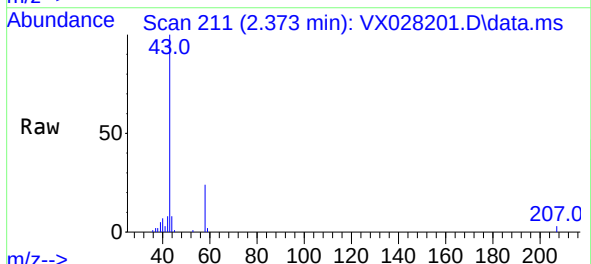
Instrument :
MSVOA_X
ClientSampleId :
FB220415

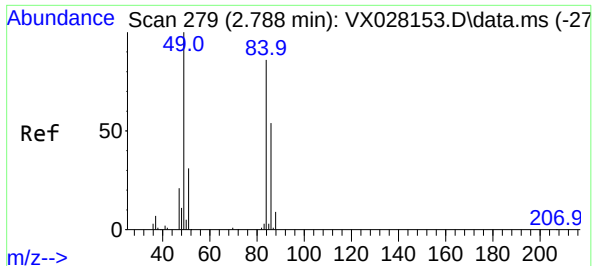
Tgt Ion:168 Resp: 388757
Ion Ratio Lower Upper
168 100
99 58.0 41.7 62.5



#16
Acetone
Concen: 5.879 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX028201.D
Acq: 20 Apr 2022 16:35

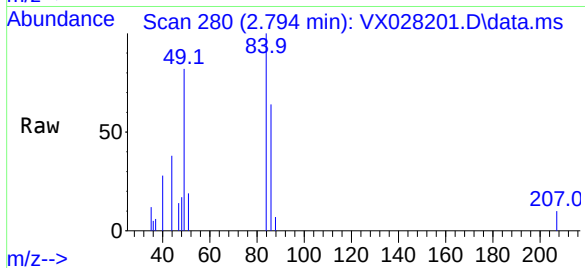
Tgt Ion: 43 Resp: 11213
Ion Ratio Lower Upper
43 100
58 24.2 28.8 43.2#





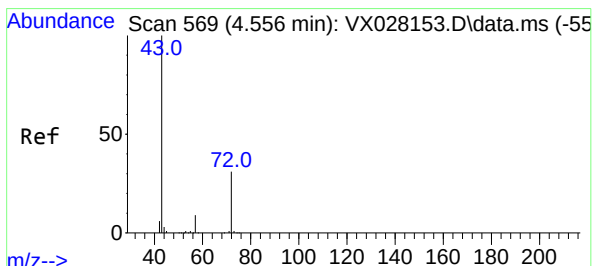
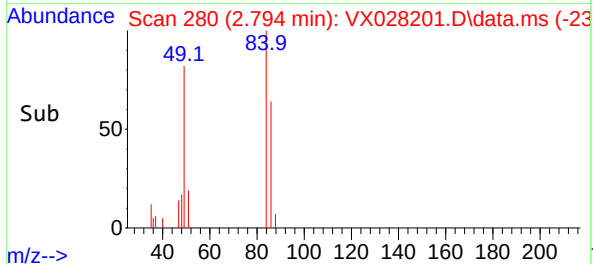
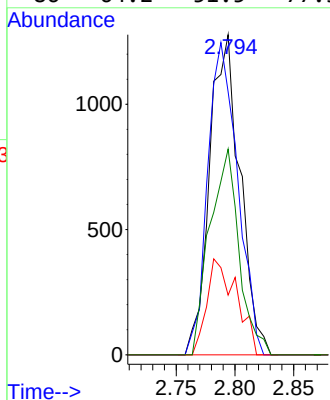
#20
Methylene Chloride
Concen: 0.612 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028201.D
Acq: 20 Apr 2022 16:35

Instrument :
MSVOA_X
ClientSampleId :
FB220415



Tgt Ion: 84 Resp: 2300

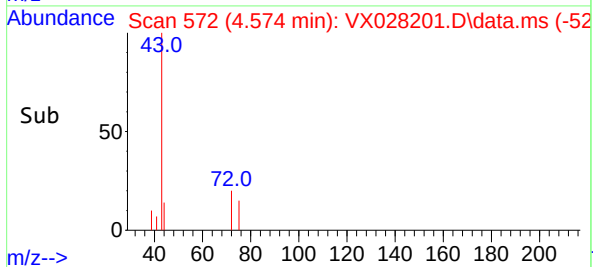
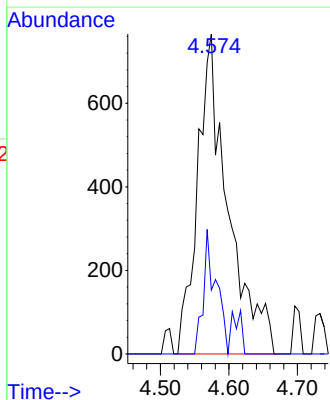
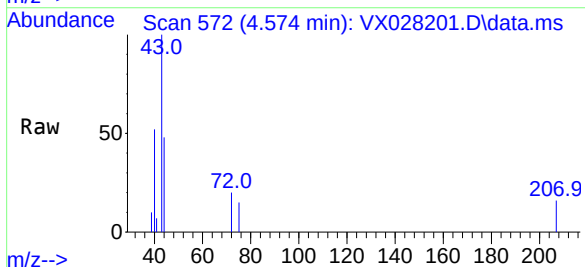
Ion	Ratio	Lower	Upper
84	100		
49	82.2	85.5	128.3#
51	18.6	26.6	39.8#
86	64.2	51.5	77.3

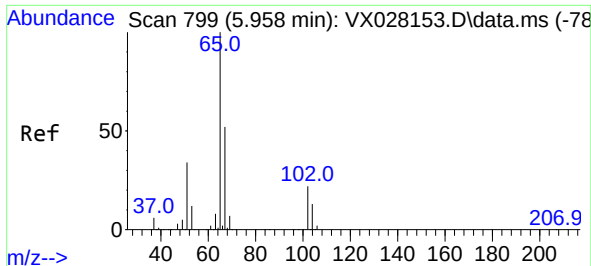


#25
2-Butanone
Concen: 0.791 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.018 min
Lab File: VX028201.D
Acq: 20 Apr 2022 16:35

Tgt Ion: 43 Resp: 2375

Ion	Ratio	Lower	Upper
43	100		
72	20.0	24.4	36.6#

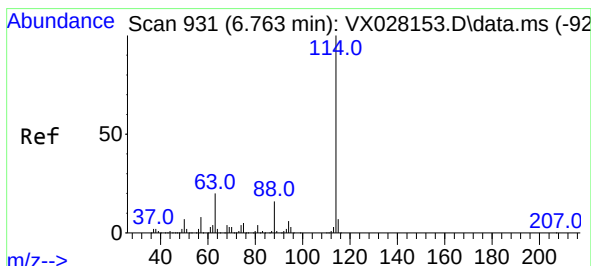
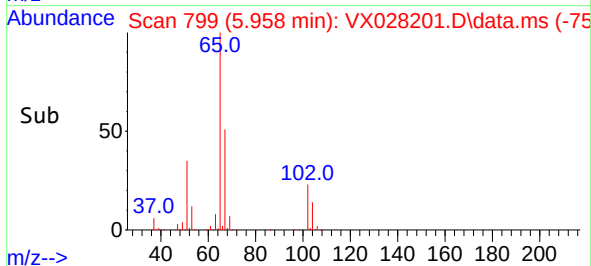
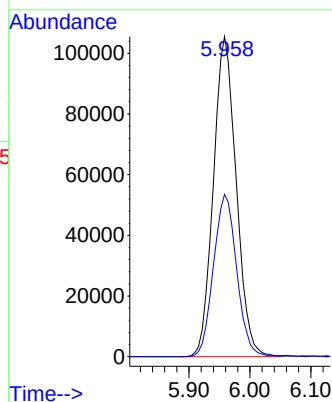
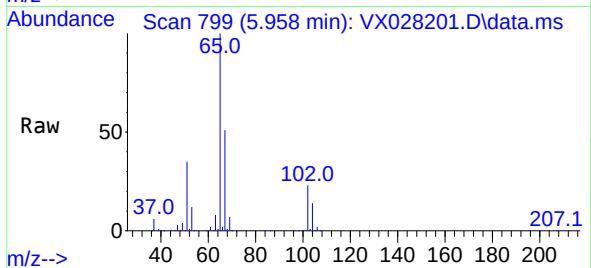




#33
 1,2-Dichloroethane-d4
 Concen: 54.196 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX028201.D
 Acq: 20 Apr 2022 16:35

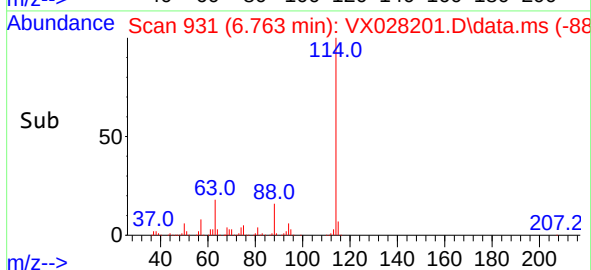
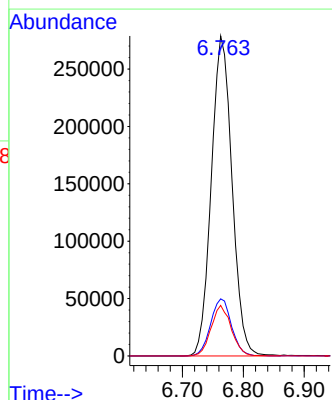
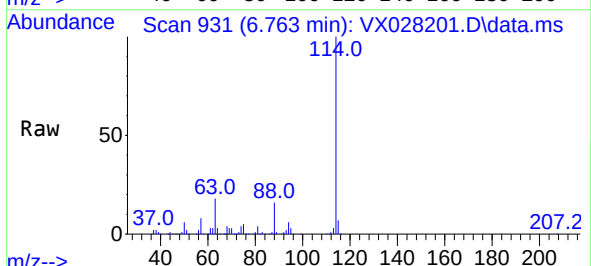
Instrument :
 MSVOA_X
 ClientSampleId :
 FB220415

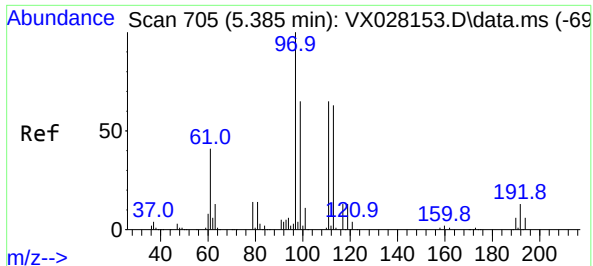
Tgt Ion: 65 Resp: 274714
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX028201.D
 Acq: 20 Apr 2022 16:35

Tgt Ion: 114 Resp: 659178
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 36.8
 88 15.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 53.964 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX028201.D

Acq: 20 Apr 2022 16:35

Instrument :

MSVOA_X

ClientSampleId :

FB220415

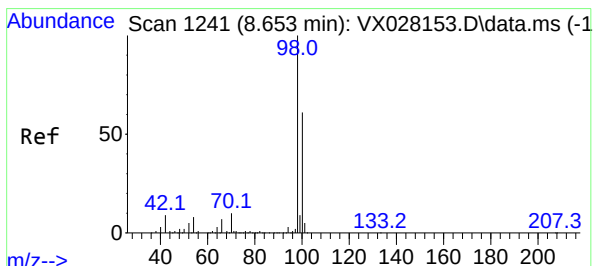
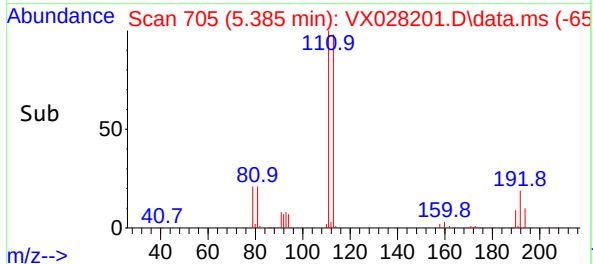
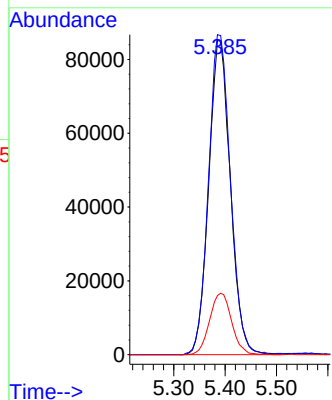
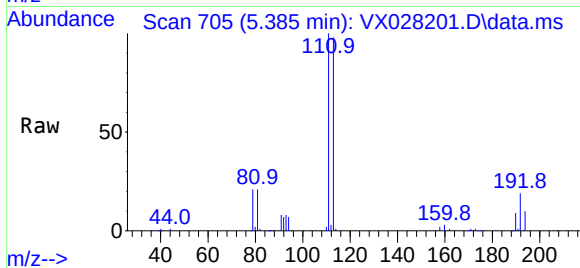
Tgt Ion:113 Resp: 249465

Ion Ratio Lower Upper

113 100

111 102.9 82.8 124.2

192 19.8 16.9 25.3



#50

Toluene-d8

Concen: 51.309 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX028201.D

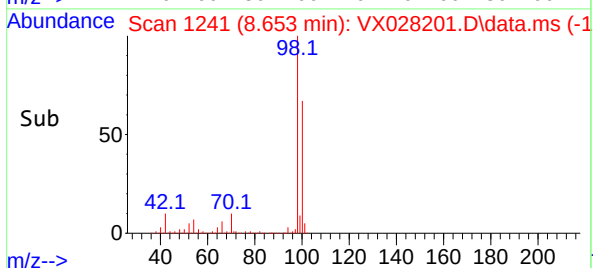
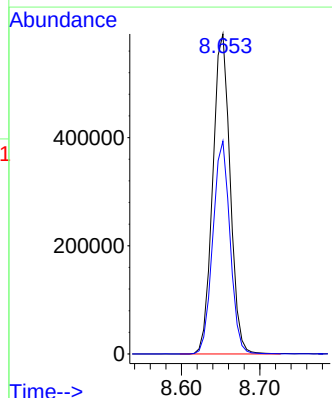
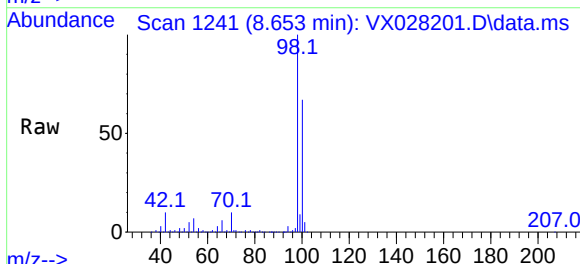
Acq: 20 Apr 2022 16:35

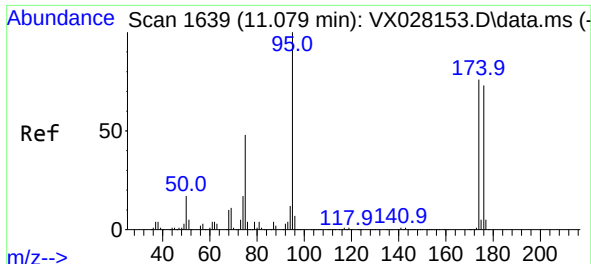
Tgt Ion: 98 Resp: 911005

Ion Ratio Lower Upper

98 100

100 65.8 52.6 78.8

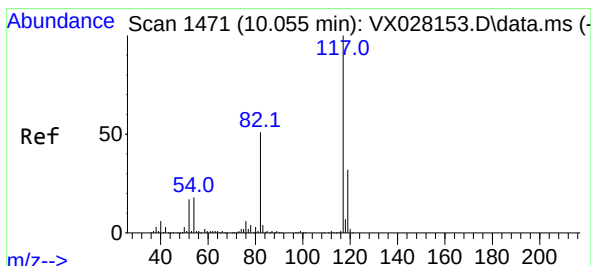
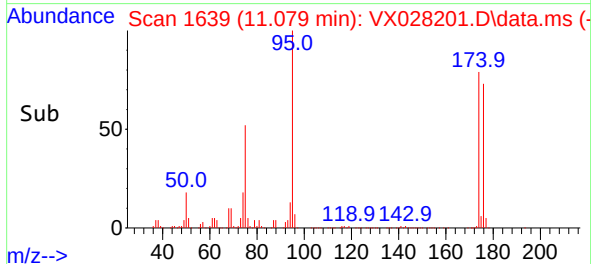
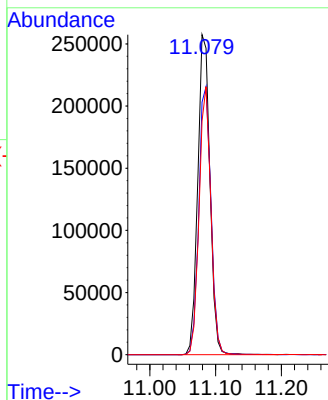
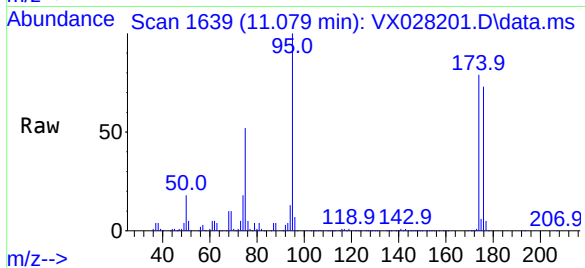




#62
4-Bromofluorobenzene
Concen: 48.763 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028201.D
Acq: 20 Apr 2022 16:35

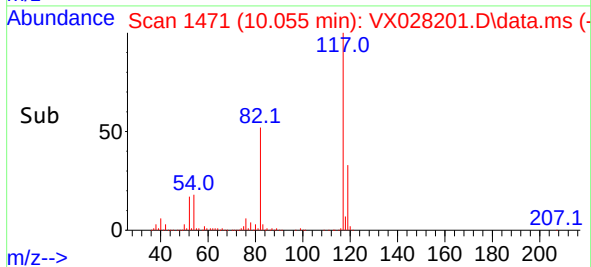
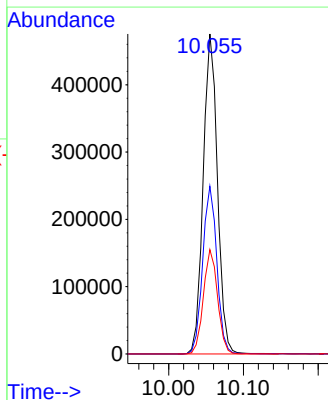
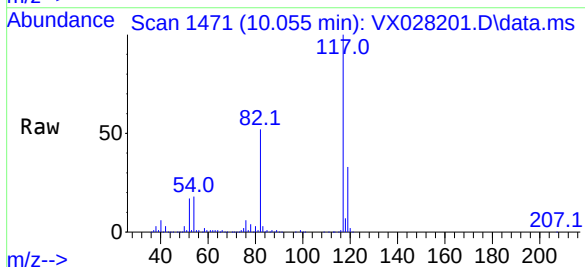
Instrument :
MSVOA_X
ClientSampleId :
FB220415

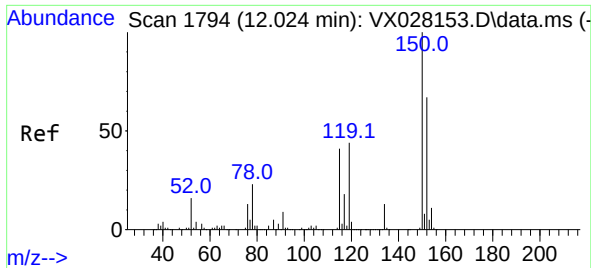
Tgt Ion: 95 Resp: 331045
Ion Ratio Lower Upper
95 100
174 84.0 0.0 163.0
176 81.0 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028201.D
Acq: 20 Apr 2022 16:35

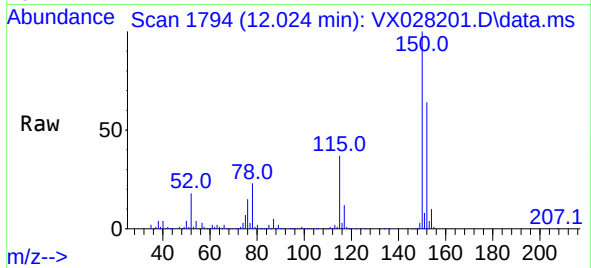
Tgt Ion: 117 Resp: 629370
Ion Ratio Lower Upper
117 100
82 52.4 41.8 62.8
119 32.6 24.8 37.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028201.D
 Acq: 20 Apr 2022 16:35

Instrument :
 MSVOA_X
 ClientSampleId :
 FB220415



Tgt Ion:152 Resp: 294773

Ion	Ratio	Lower	Upper
152	100		
115	59.0	37.5	112.7
150	157.1	0.0	338.2

