

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042022\
 Data File : VX028205.D
 Acq On : 20 Apr 2022 18:08
 Operator : JC/MD
 Sample : N2450-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Apr 21 06:15:19 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)

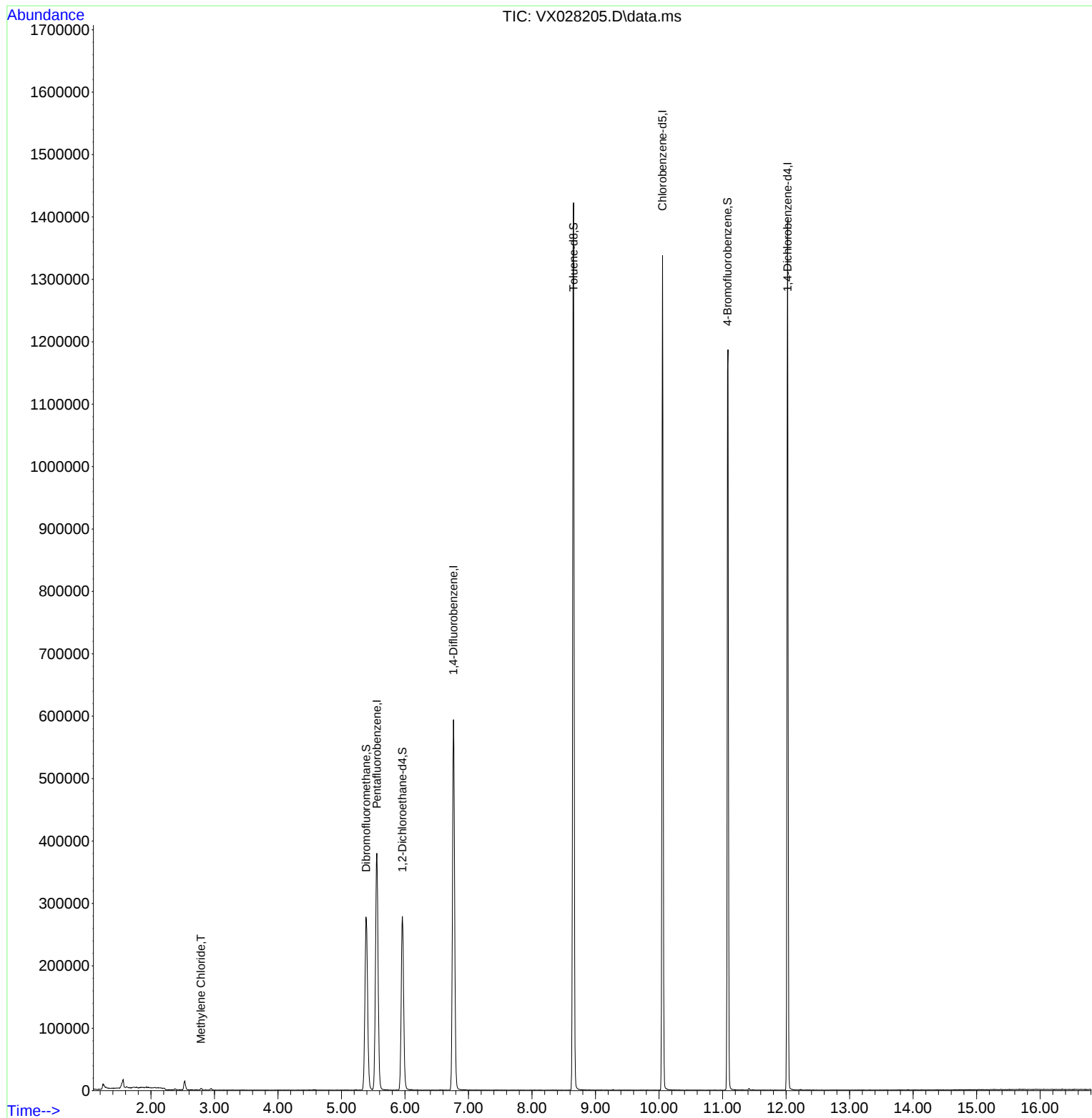
Internal Standards						
1) Pentafluorobenzene	5.556	168	368089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	631486	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	608742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	286116	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	267738	55.785	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	111.580%
35) Dibromofluoromethane	5.385	113	241015	54.423	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	108.840%
50) Toluene-d8	8.653	98	879430	51.703	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.400%
62) 4-Bromofluorobenzene	11.079	95	321911	49.497	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.000%
Target Compounds						
20) Methylene Chloride	2.788	84	1422	0.399	ug/l	Qvalue 88

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

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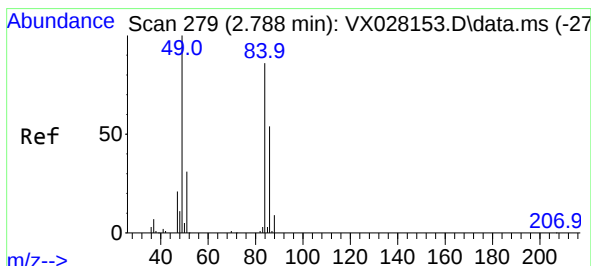
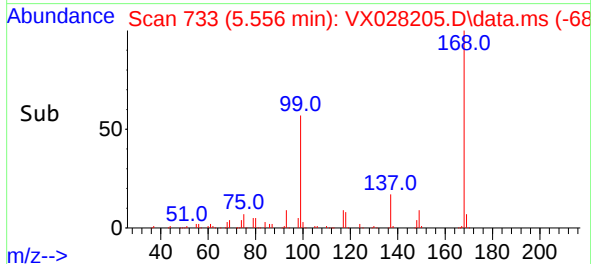
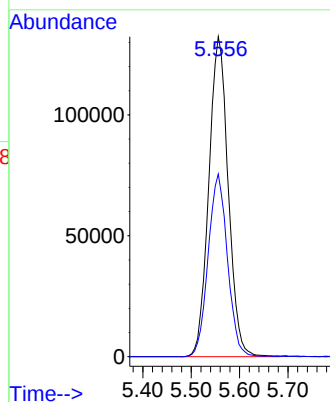
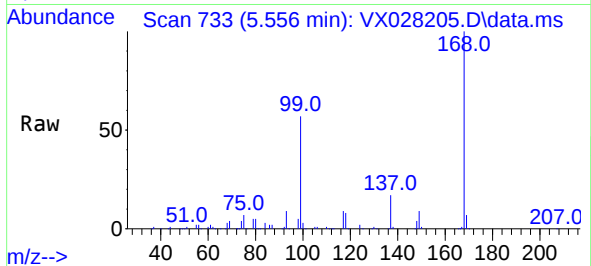




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028205.D
Acq: 20 Apr 2022 18:08

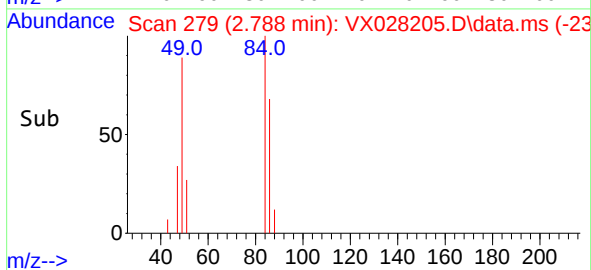
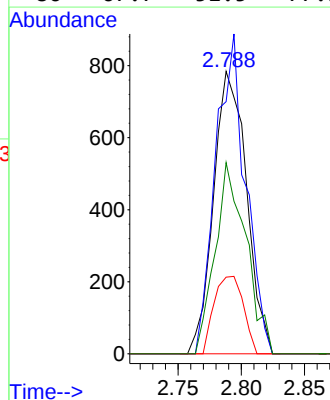
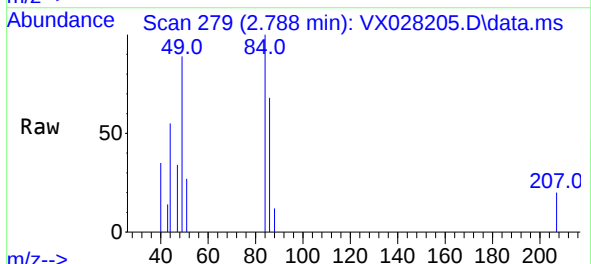
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

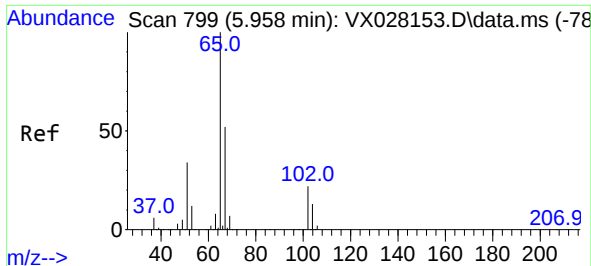
Tgt Ion:168 Resp: 368089
Ion Ratio Lower Upper
168 100
99 57.1 41.7 62.5



#20
Methylene Chloride
Concen: 0.399 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028205.D
Acq: 20 Apr 2022 18:08

Tgt Ion: 84 Resp: 1422
Ion Ratio Lower Upper
84 100
49 89.3 85.5 128.3
51 27.2 26.6 39.8
86 67.7 51.5 77.3





#33

1,2-Dichloroethane-d4

Concen: 55.785 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028205.D

Acq: 20 Apr 2022 18:08

Instrument :

MSVOA_X

ClientSampleId :

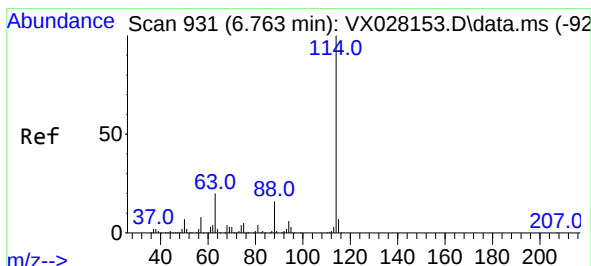
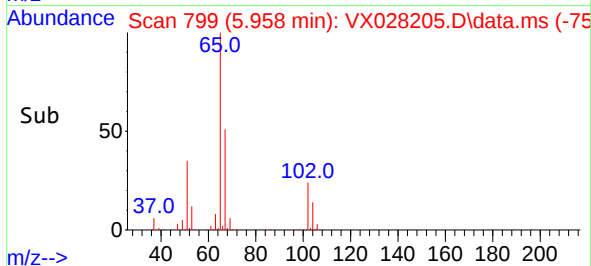
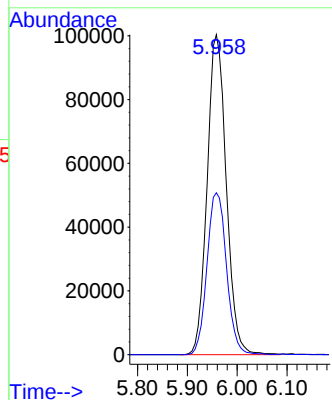
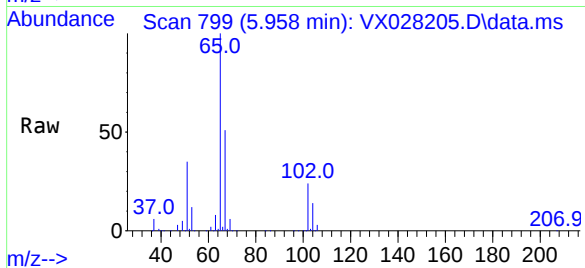
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 65 Resp: 267738

Ion Ratio Lower Upper

65 100

67 51.7 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: VX028205.D

Acq: 20 Apr 2022 18:08

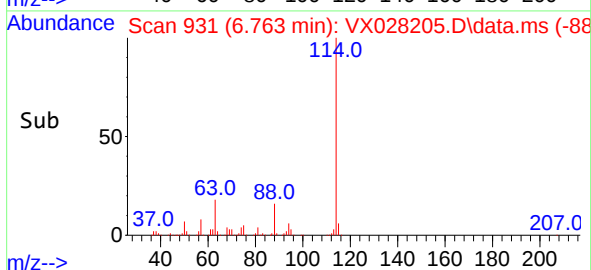
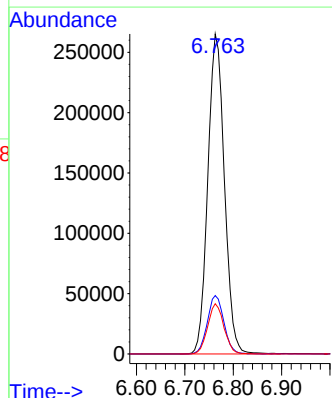
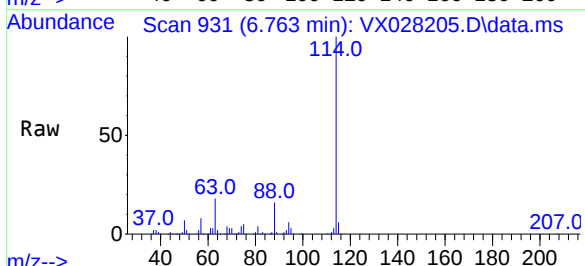
Tgt Ion: 114 Resp: 631486

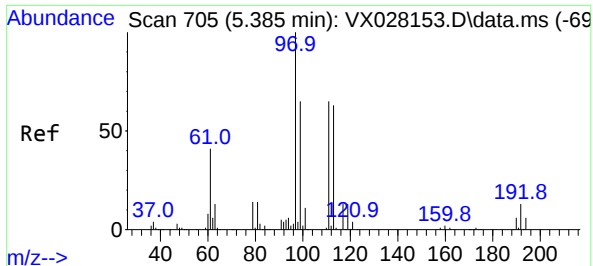
Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.8

88 15.7 0.0 32.4





#35

Dibromofluoromethane

Concen: 54.423 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX028205.D

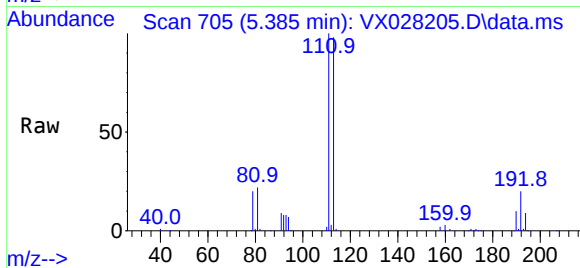
Acq: 20 Apr 2022 18:08

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG



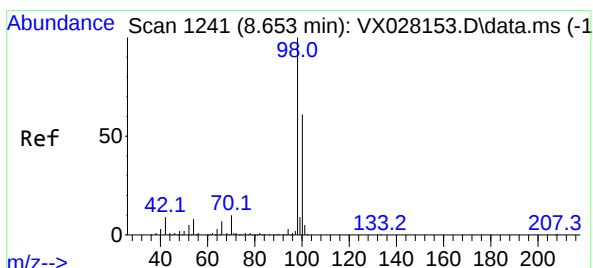
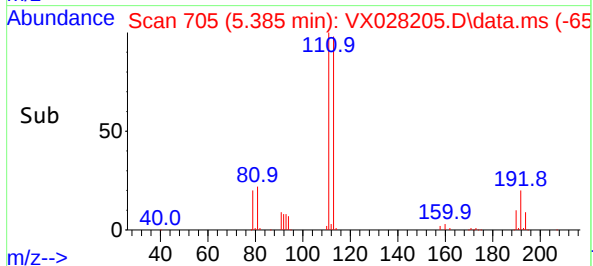
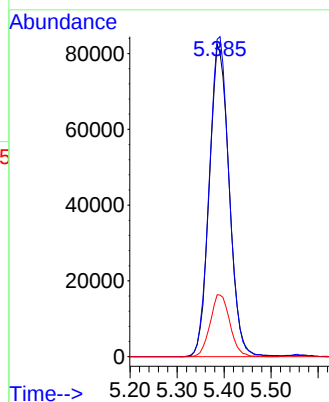
Tgt Ion:113 Resp: 241015

Ion Ratio Lower Upper

113 100

111 102.3 82.8 124.2

192 19.8 16.9 25.3



#50

Toluene-d8

Concen: 51.703 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX028205.D

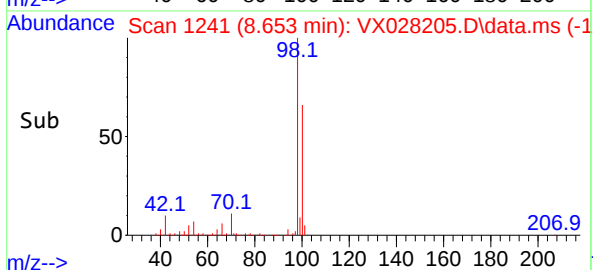
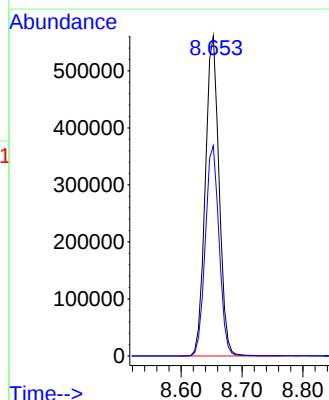
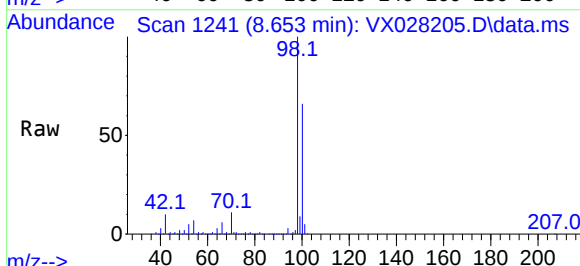
Acq: 20 Apr 2022 18:08

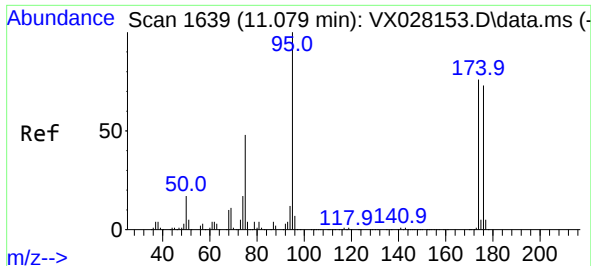
Tgt Ion: 98 Resp: 879430

Ion Ratio Lower Upper

98 100

100 65.9 52.6 78.8

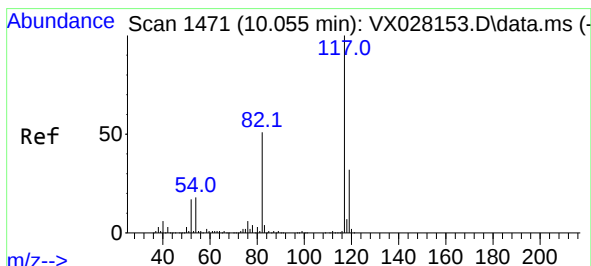
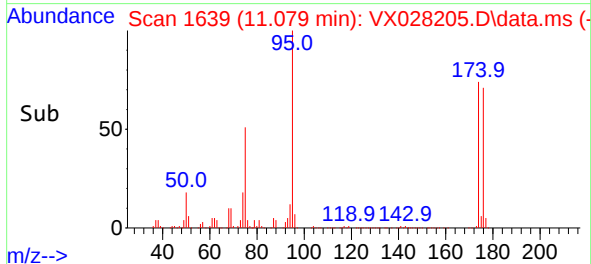
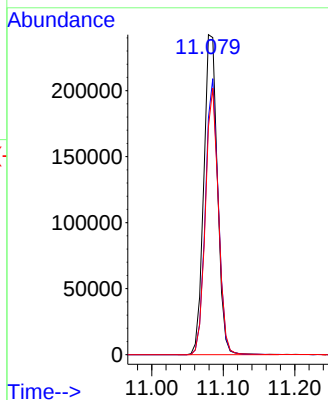
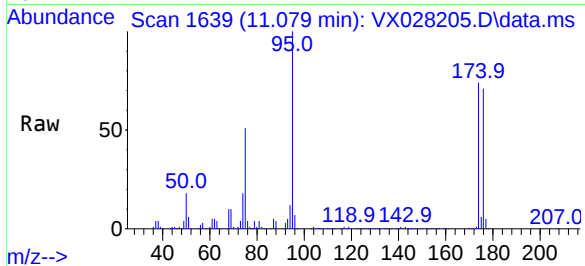




#62
4-Bromofluorobenzene
Concen: 49.497 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028205.D
Acq: 20 Apr 2022 18:08

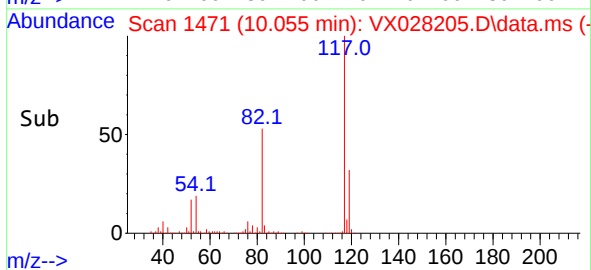
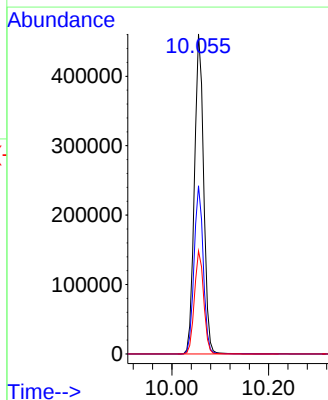
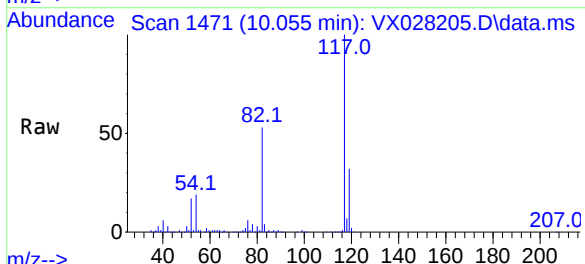
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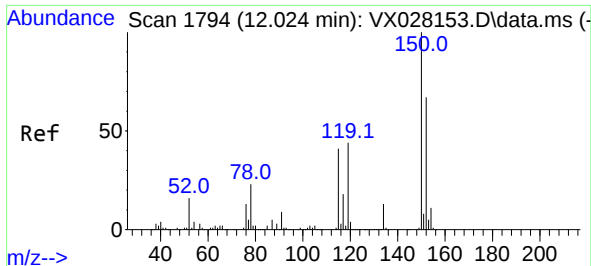
Tgt Ion: 95 Resp: 321911
Ion Ratio Lower Upper
95 100
174 81.6 0.0 163.0
176 79.4 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028205.D
Acq: 20 Apr 2022 18:08

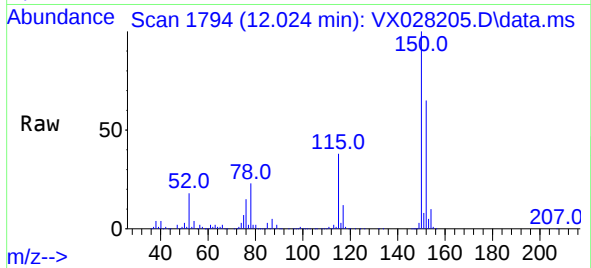
Tgt Ion: 117 Resp: 608742
Ion Ratio Lower Upper
117 100
82 52.5 41.8 62.8
119 32.2 24.8 37.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028205.D
 Acq: 20 Apr 2022 18:08

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:152 Resp: 286116
 Ion Ratio Lower Upper
 152 100
 115 58.8 37.5 112.7
 150 156.1 0.0 338.2

