

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
 Data File : VX025429.D
 Acq On : 02 Dec 2021 15:32
 Operator : JC/MD
 Sample : PB141130ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB141130ZHE#04

Quant Time: Dec 03 03:07:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

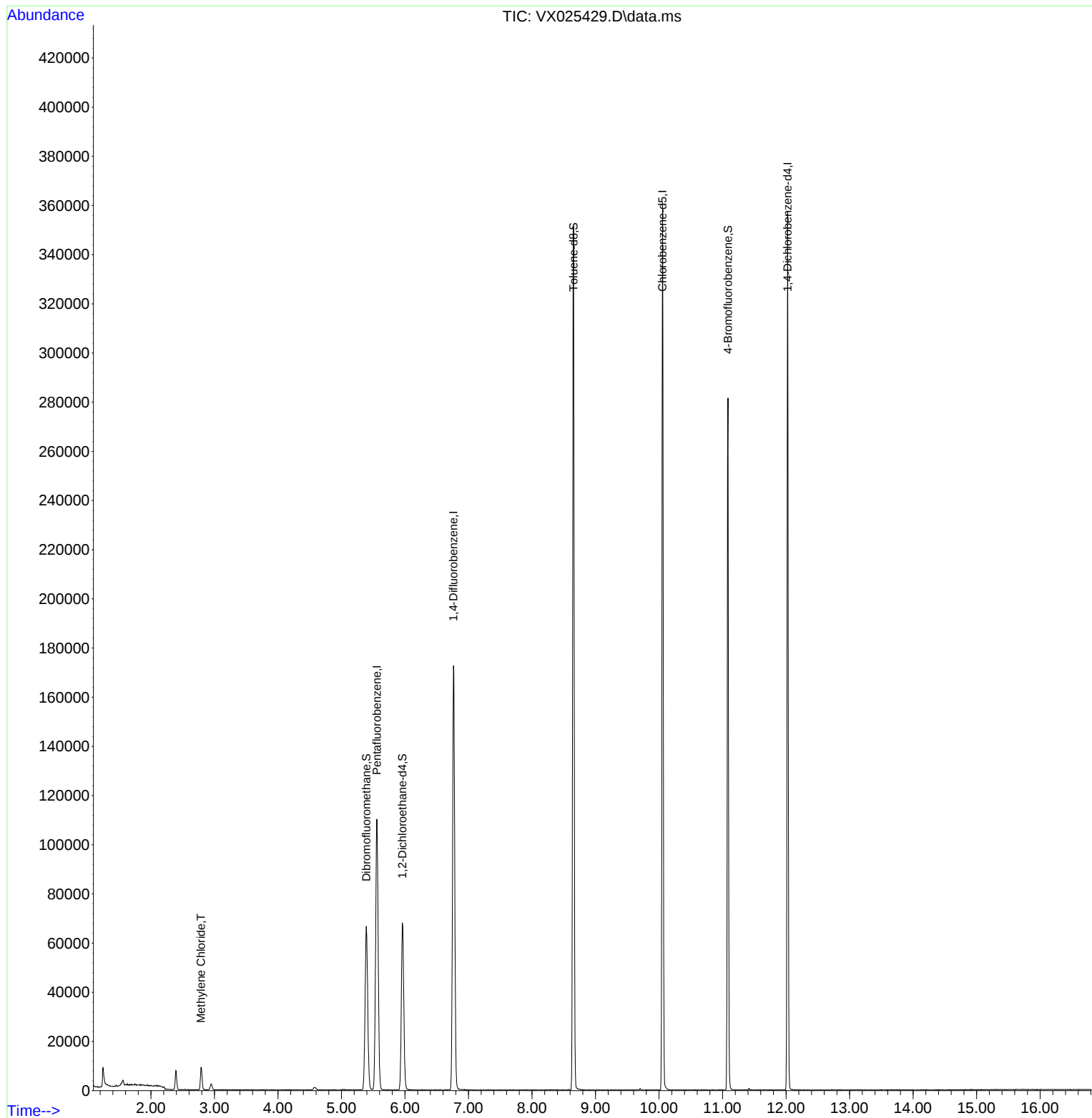
Internal Standards						
1) Pentafluorobenzene	5.556	168	110633	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	185736	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	167471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73651	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64074	54.945	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.900%	
35) Dibromofluoromethane	5.391	113	57348	50.322	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.640%	
50) Toluene-d8	8.653	98	213321	49.786	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.580%	
62) 4-Bromofluorobenzene	11.085	95	74247	45.804	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.600%	
Target Compounds						Qvalue
20) Methylene Chloride	2.788	84	4227	3.470	ug/l	93

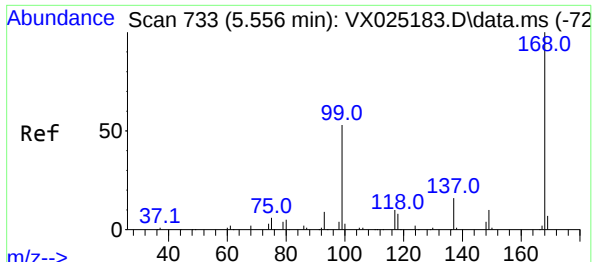
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX025429.D

Acq: 02 Dec 2021 15:32

Instrument :

MSVOA_X

ClientSampleId :

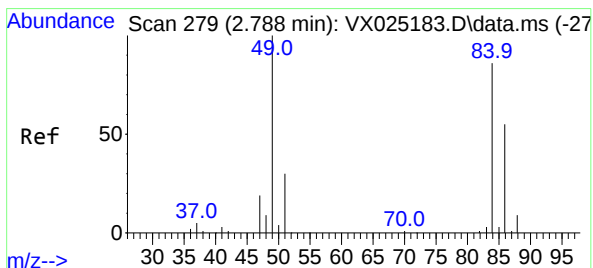
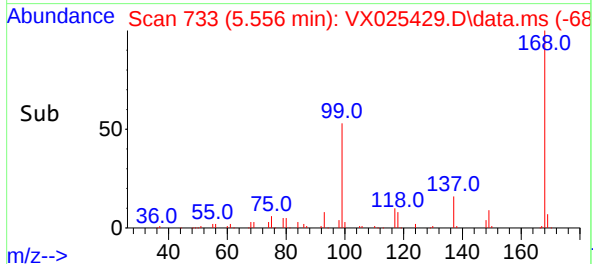
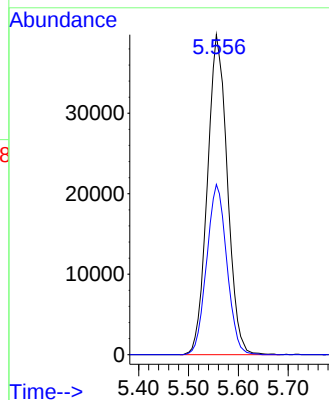
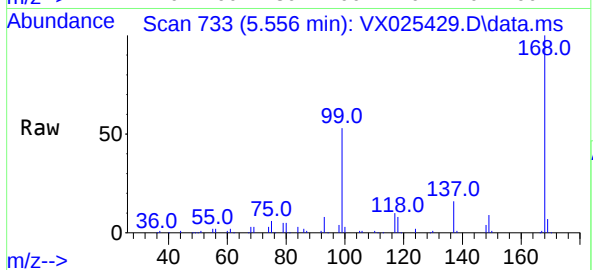
PB141130ZHE#04

Tgt Ion:168 Resp: 110633

Ion Ratio Lower Upper

168 100

99 53.2 46.4 69.6



#20

Methylene Chloride

Concen: 3.470 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX025429.D

Acq: 02 Dec 2021 15:32

Tgt Ion: 84 Resp: 4227

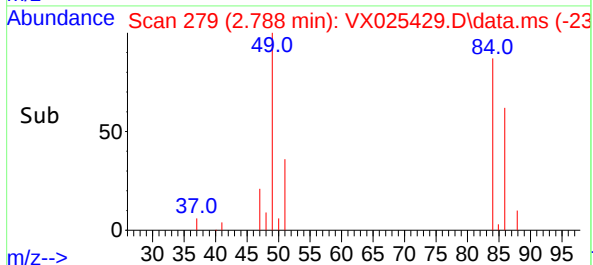
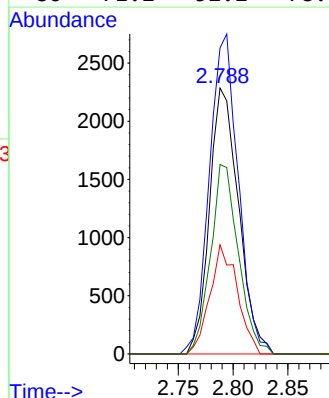
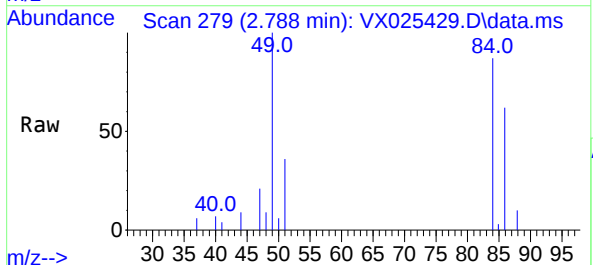
Ion Ratio Lower Upper

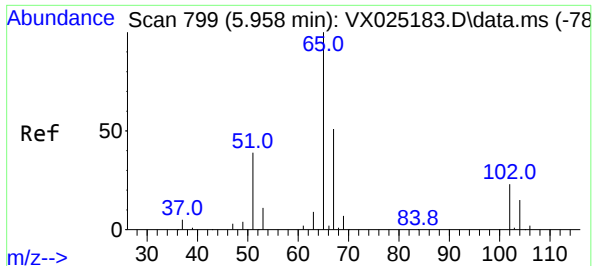
84 100

49 115.1 98.2 147.2

51 41.0 30.2 45.4

86 71.2 52.2 78.2

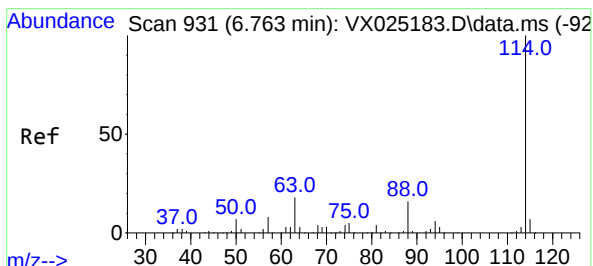
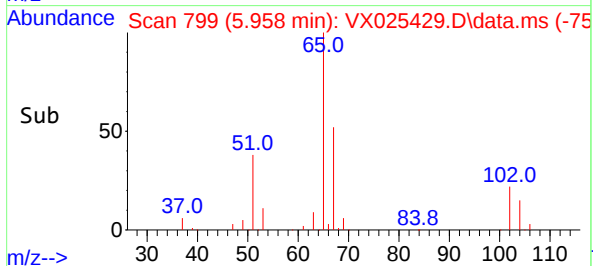
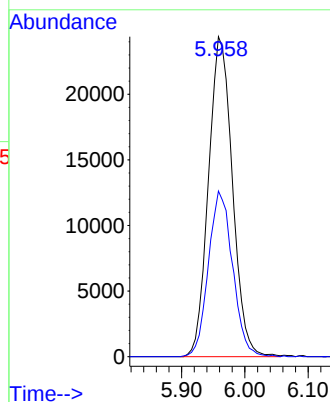
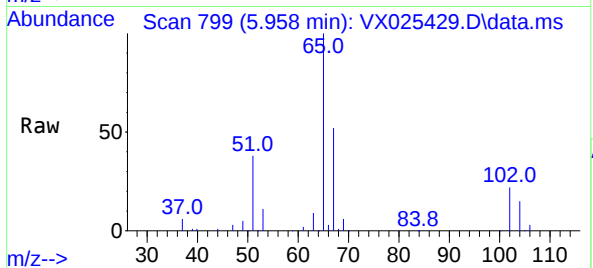




#33
1,2-Dichloroethane-d4
Concen: 54.945 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025429.D
Acq: 02 Dec 2021 15:32

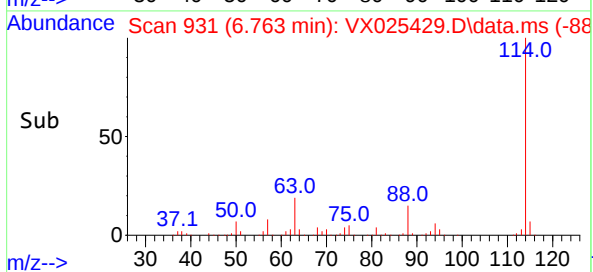
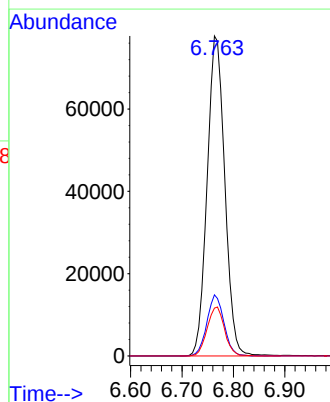
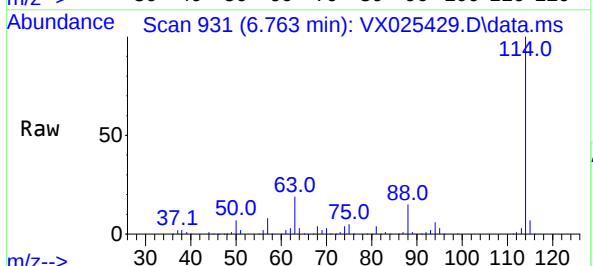
Instrument :
MSVOA_X
ClientSampleId :
PB141130ZHE#04

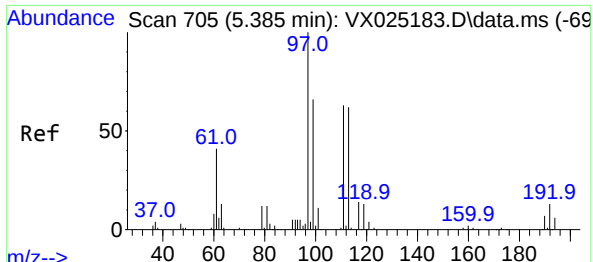
Tgt Ion: 65 Resp: 64074
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX025429.D
Acq: 02 Dec 2021 15:32

Tgt Ion: 114 Resp: 185736
Ion Ratio Lower Upper
114 100
63 19.1 0.0 41.0
88 14.9 0.0 34.8





#35

Dibromofluoromethane

Concen: 50.322 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX025429.D

Acq: 02 Dec 2021 15:32

Instrument :

MSVOA_X

ClientSampleId :

PB141130ZHE#04

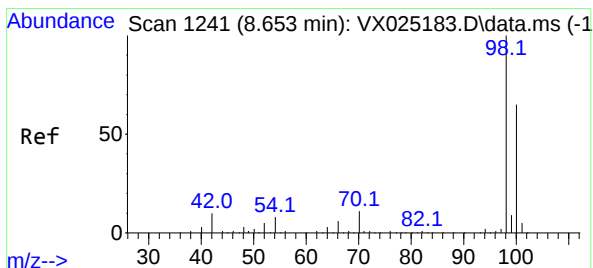
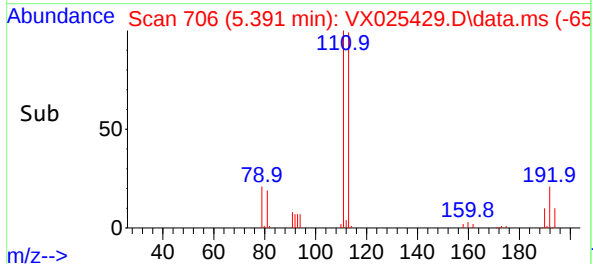
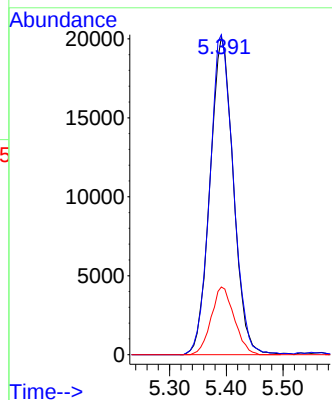
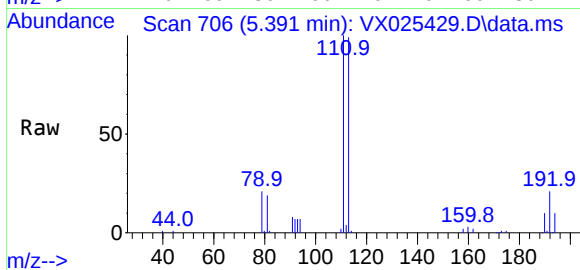
Tgt Ion:113 Resp: 57348

Ion Ratio Lower Upper

113 100

111 101.7 82.1 123.1

192 21.0 15.6 23.4



#50

Toluene-d8

Concen: 49.786 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX025429.D

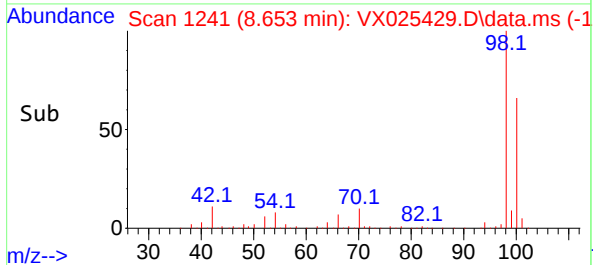
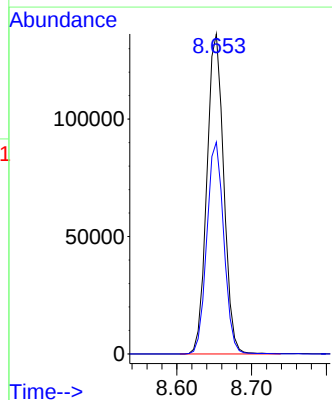
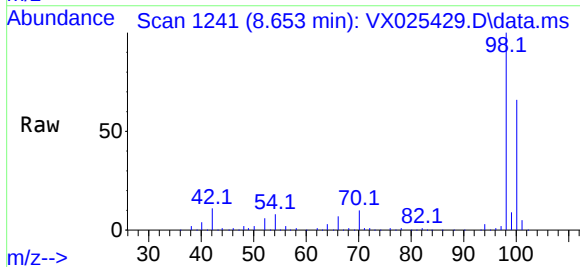
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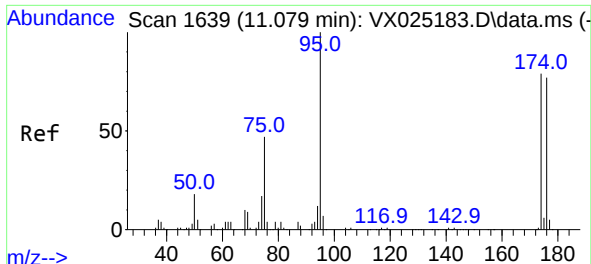
Tgt Ion: 98 Resp: 213321

Ion Ratio Lower Upper

98 100

100 66.8 51.4 77.0

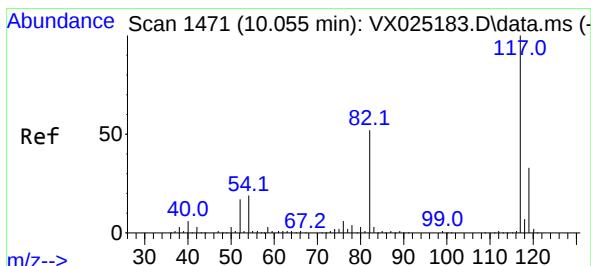
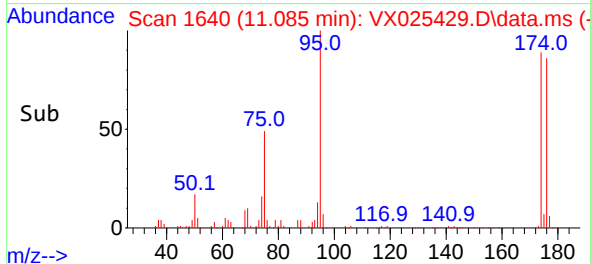
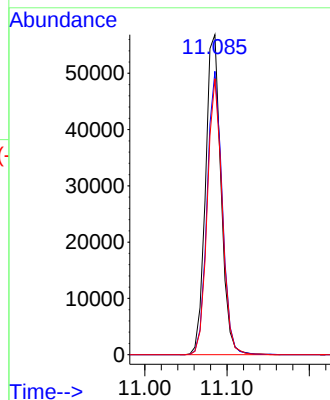
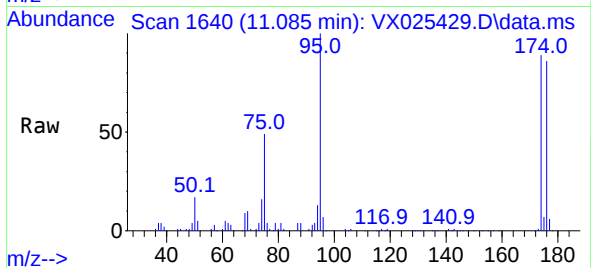




#62
4-Bromofluorobenzene
Concen: 45.804 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX025429.D
Acq: 02 Dec 2021 15:32

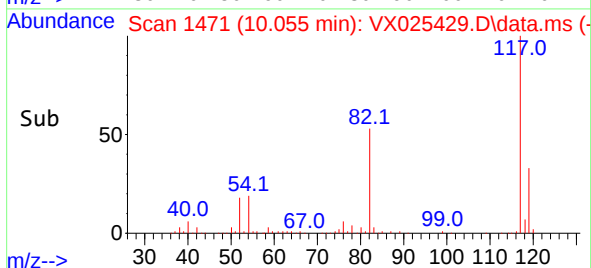
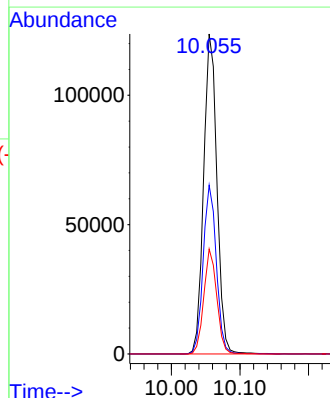
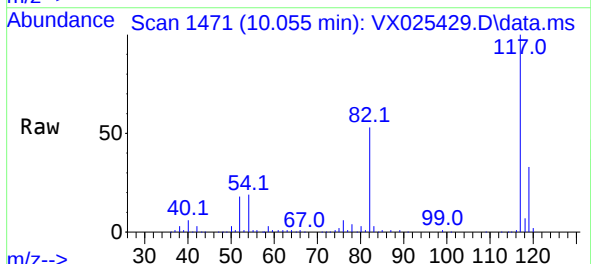
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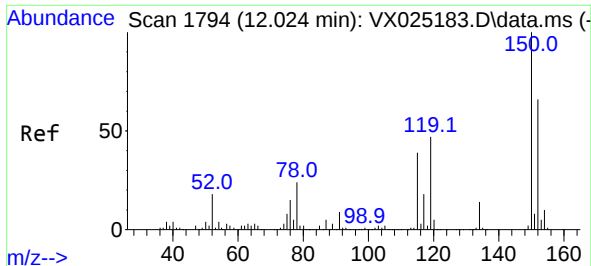
Tgt Ion: 95 Resp: 74247
Ion Ratio Lower Upper
95 100
174 86.3 0.0 158.0
176 82.9 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025429.D
Acq: 02 Dec 2021 15:32

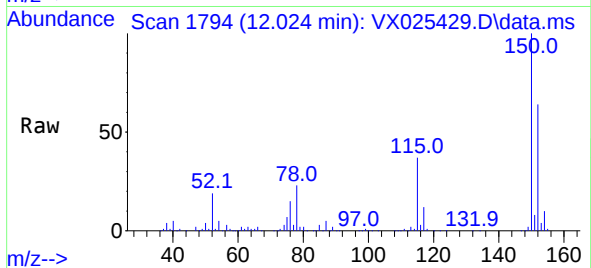
Tgt Ion: 117 Resp: 167471
Ion Ratio Lower Upper
117 100
82 52.8 44.6 67.0
119 32.8 24.8 37.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025429.D
Acq: 02 Dec 2021 15:32

Instrument :
MSVOA_X
ClientSampleId :
PB141130ZHE#04



Tgt Ion:152 Resp: 73651
Ion Ratio Lower Upper
152 100
115 58.0 43.3 129.8
150 156.8 0.0 351.2

