

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121821\
 Data File : VX025893.D
 Acq On : 17 Dec 2021 18:15
 Operator : JC/MD
 Sample : PB141495ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB141495ZHE#01

Quant Time: Dec 19 02:33:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

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

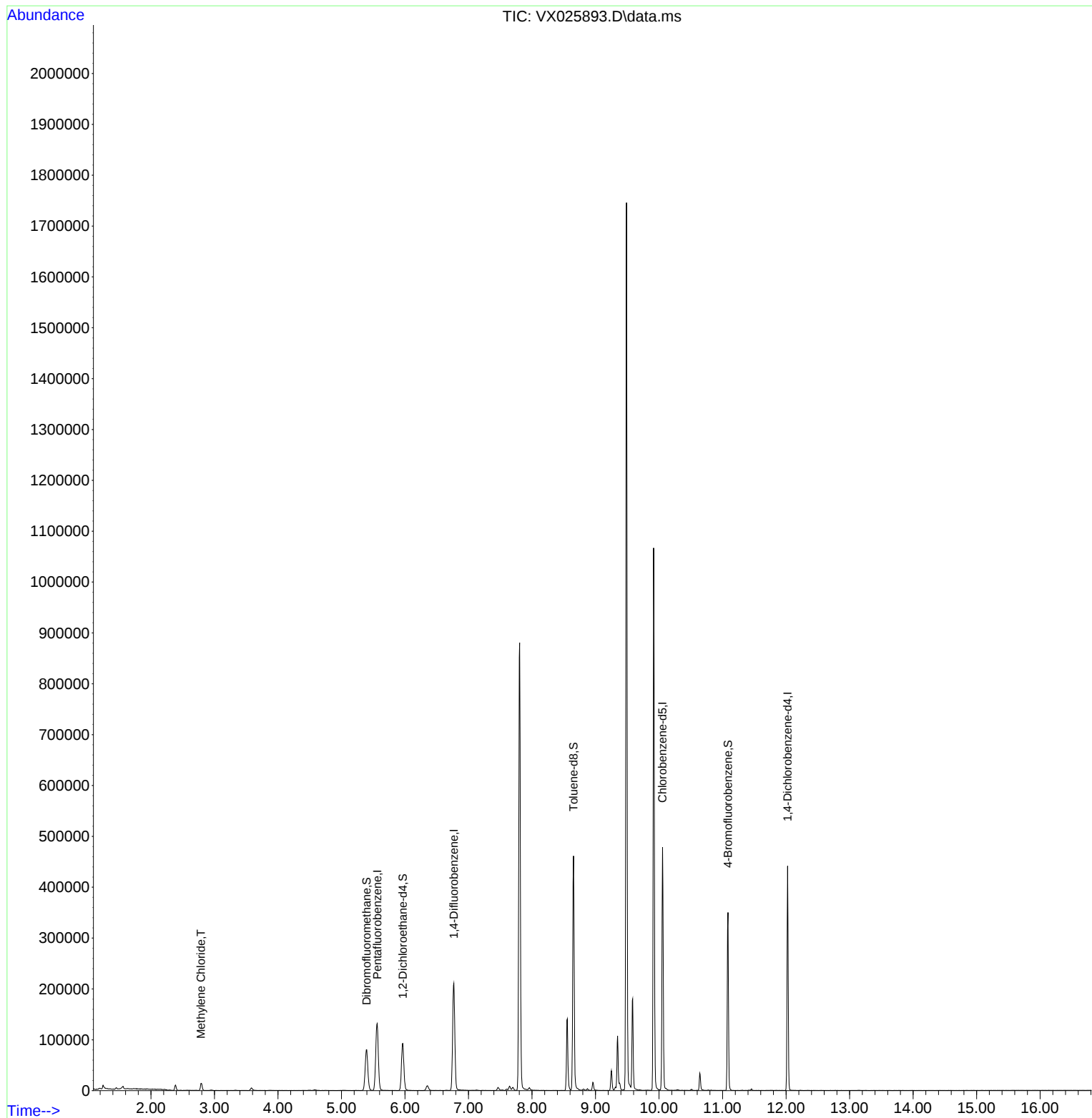
Internal Standards						
1) Pentafluorobenzene	5.562	168	120852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	216285	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	88360	50.815	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.640%
35) Dibromofluoromethane	5.397	113	70293	46.601	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.200%
50) Toluene-d8	8.653	98	270346	49.191	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.380%
62) 4-Bromofluorobenzene	11.085	95	94104	45.076	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.160%
Target Compounds						
20) Methylene Chloride	2.788	84	6564	2.096	ug/l	Qvalue 95

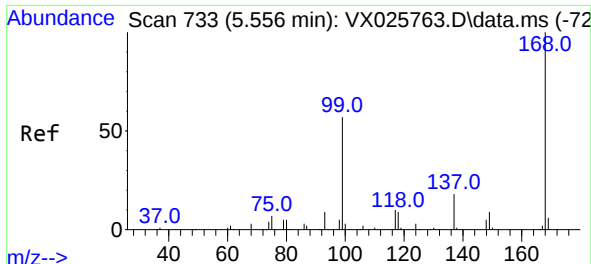
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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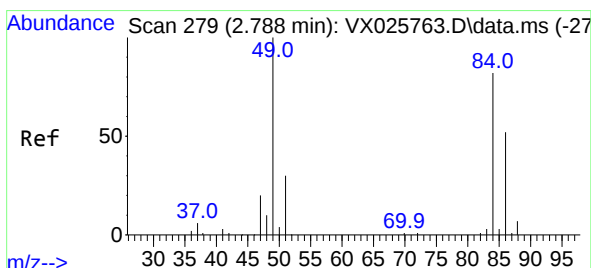
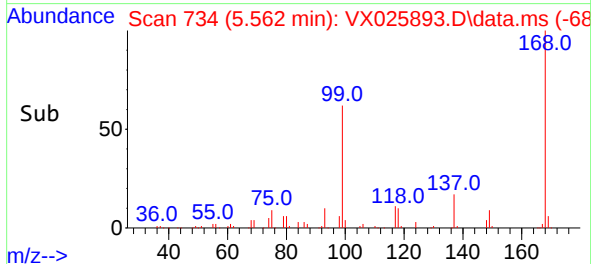
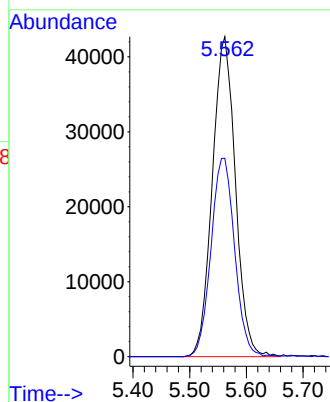
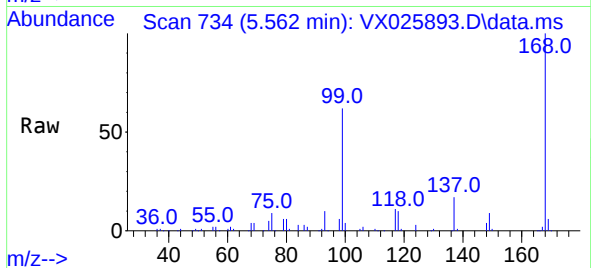




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX025893.D
Acq: 17 Dec 2021 18:15

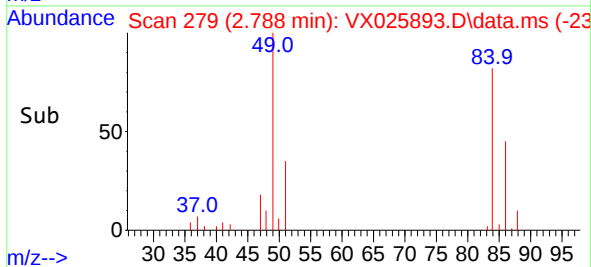
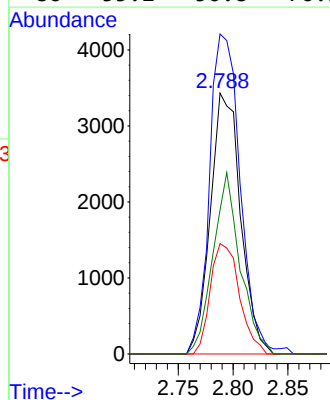
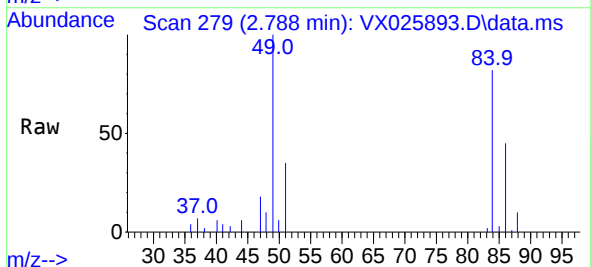
Instrument :
MSVOA_X
ClientSampleId :
PB141495ZHE#01

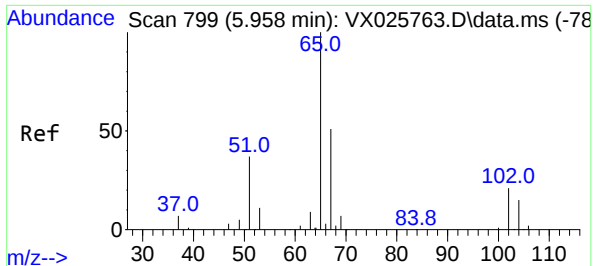
Tgt Ion:168 Resp: 120852
Ion Ratio Lower Upper
168 100
99 62.0 45.8 68.8



#20
Methylene Chloride
Concen: 2.096 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX025893.D
Acq: 17 Dec 2021 18:15

Tgt Ion: 84 Resp: 6564
Ion Ratio Lower Upper
84 100
49 122.7 97.1 145.7
51 42.4 29.3 43.9
86 55.2 50.8 76.2





#33

1,2-Dichloroethane-d4

Concen: 50.815 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX025893.D

Acq: 17 Dec 2021 18:15

Instrument :

MSVOA_X

ClientSampleId :

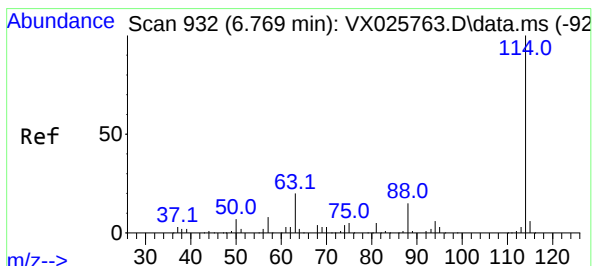
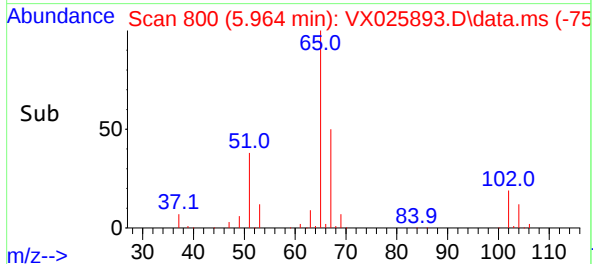
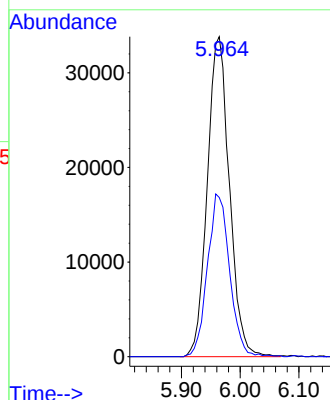
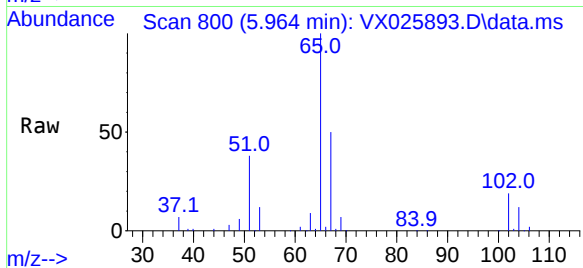
PB141495ZHE#01

Tgt Ion: 65 Resp: 88360

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX025893.D

Acq: 17 Dec 2021 18:15

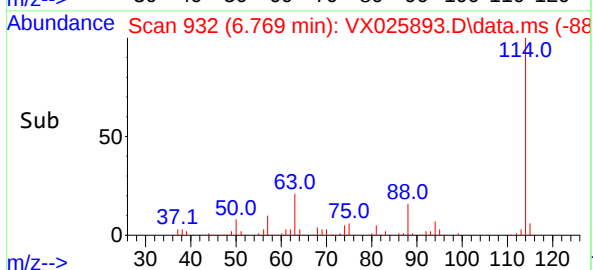
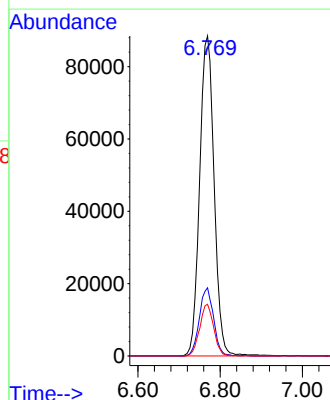
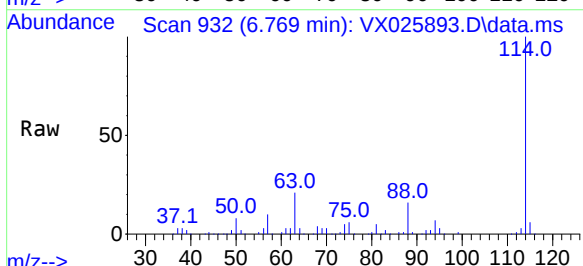
Tgt Ion: 114 Resp: 216285

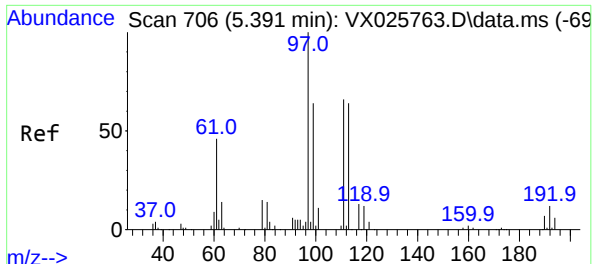
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.0

88 16.2 0.0 30.6

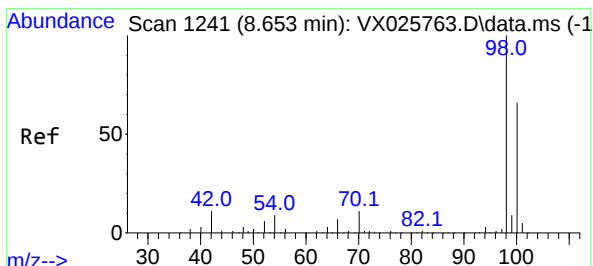
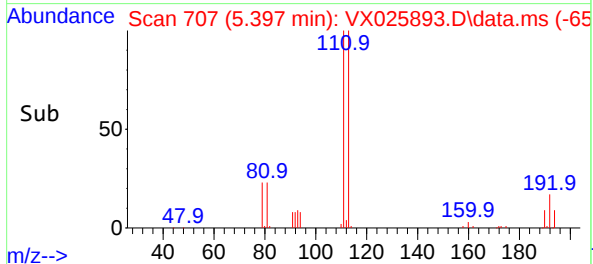
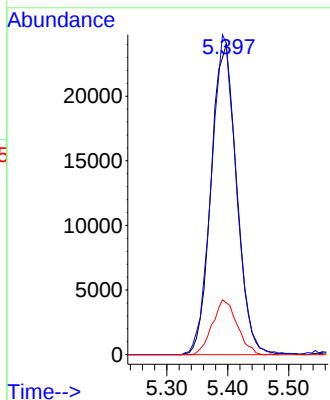
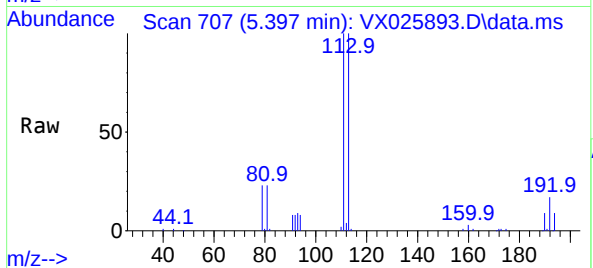




#35
Dibromofluoromethane
Concen: 46.601 ug/l
RT: 5.397 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025893.D
Acq: 17 Dec 2021 18:15

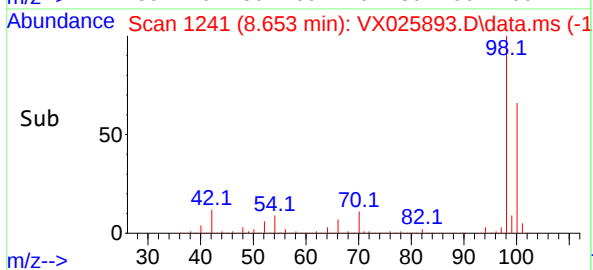
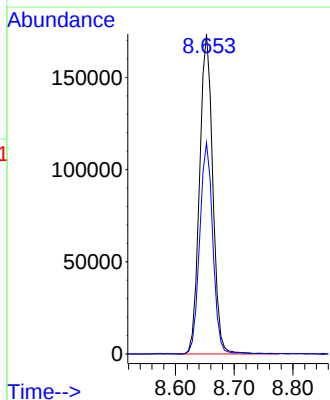
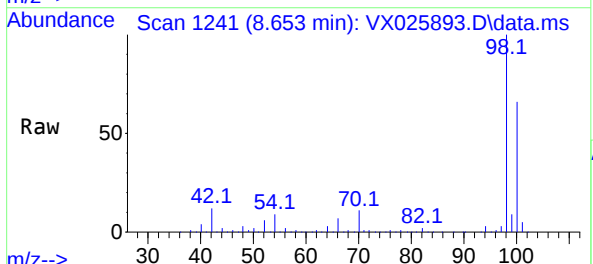
Instrument :
MSVOA_X
ClientSampleId :
PB141495ZHE#01

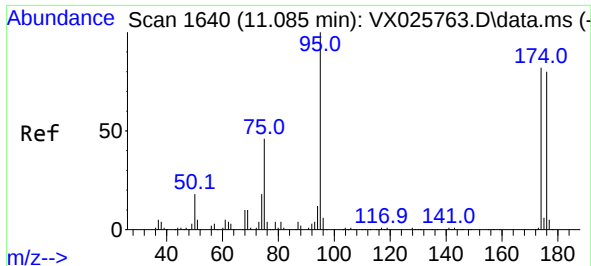
Tgt Ion:113 Resp: 70293
Ion Ratio Lower Upper
113 100
111 100.8 81.8 122.8
192 17.1 15.0 22.4



#50
Toluene-d8
Concen: 49.191 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025893.D
Acq: 17 Dec 2021 18:15

Tgt Ion: 98 Resp: 270346
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8

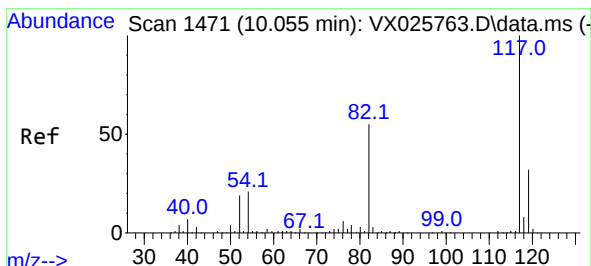
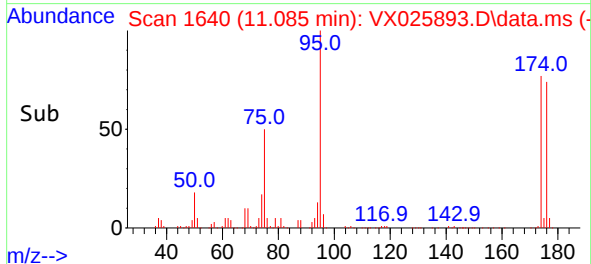
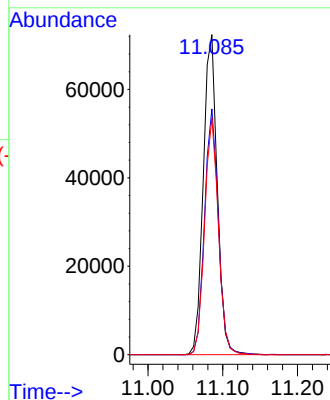
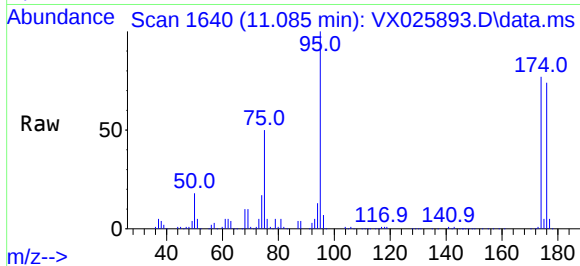




#62
4-Bromofluorobenzene
Concen: 45.076 ug/l
RT: 11.085 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025893.D
Acq: 17 Dec 2021 18:15

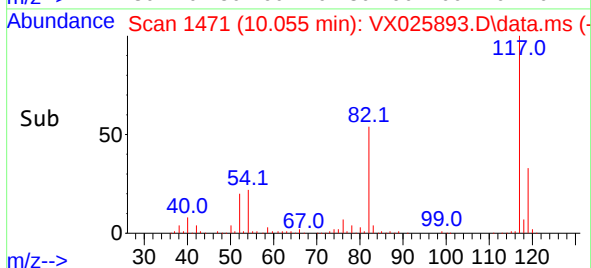
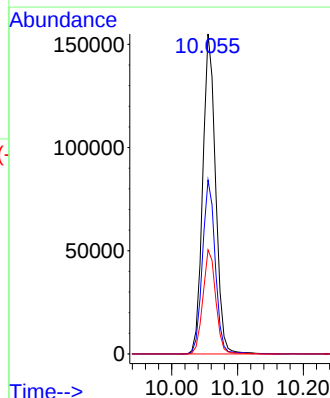
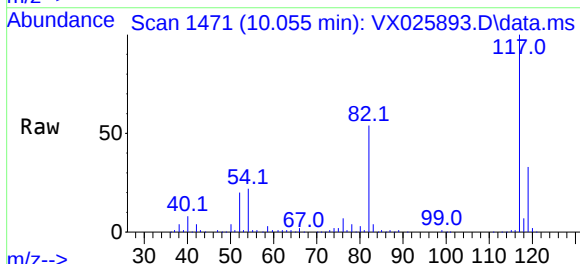
Instrument :
MSVOA_X
ClientSampleId :
PB141495ZHE#01

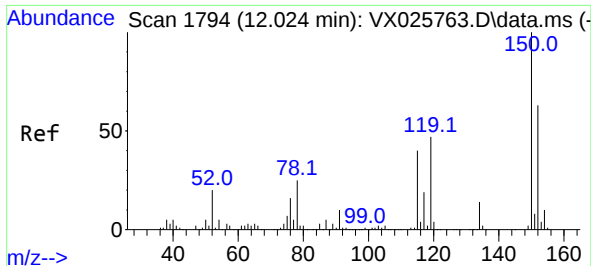
Tgt Ion:	95	Resp:	94104
Ion	Ratio	Lower	Upper
95	100		
174	75.9	0.0	157.4
176	72.7	0.0	154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025893.D
Acq: 17 Dec 2021 18:15

Tgt Ion:	117	Resp:	210511
Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.8	65.6
119	32.5	25.2	37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX025893.D

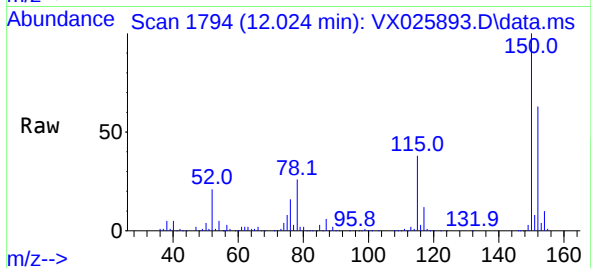
Acq: 17 Dec 2021 18:15

Instrument :

MSVOA_X

ClientSampleId :

PB141495ZHE#01



Tgt Ion:152 Resp: 86896

Ion Ratio Lower Upper

152 100

115 61.0 41.3 123.9

150 156.7 0.0 351.8

