

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070522\
 Data File : VX029916.D
 Acq On : 05 Jul 2022 13:31
 Operator : JC/MD
 Sample : PB145991ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB145991ZHE#02

Quant Time: Jul 06 06:54:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

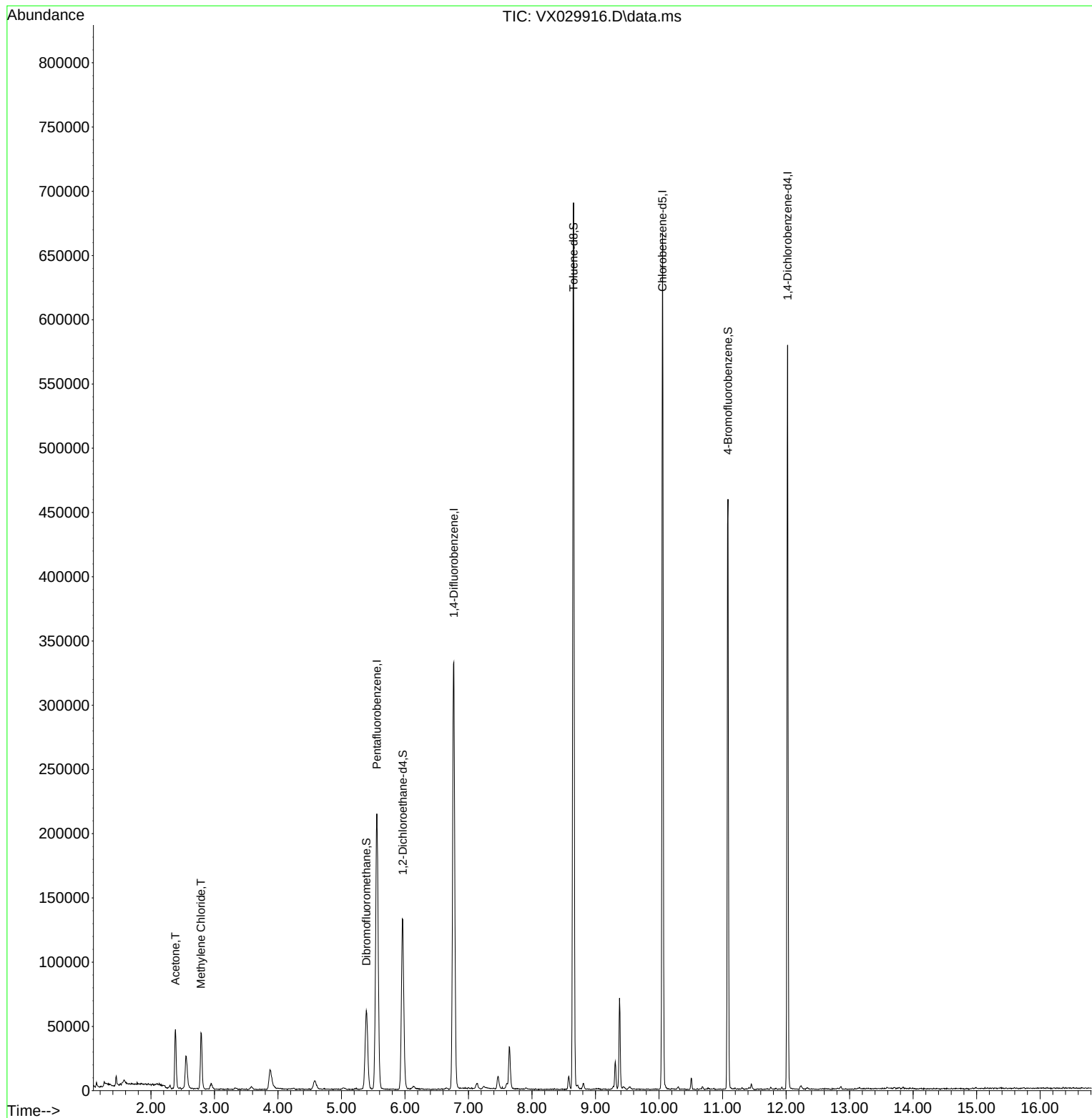
Internal Standards						
1) Pentafluorobenzene	5.556	168	214945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	362583	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	303473	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	114186	41.967	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.940%
35) Dibromofluoromethane	5.391	113	54770	24.171	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	48.340%#
50) Toluene-d8	8.653	98	411137	48.365	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.740%
62) 4-Bromofluorobenzene	11.085	95	129888	43.226	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.460%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	47890	35.977	ug/l	90
20) Methylene Chloride	2.788	84	20244	7.201	ug/l	93

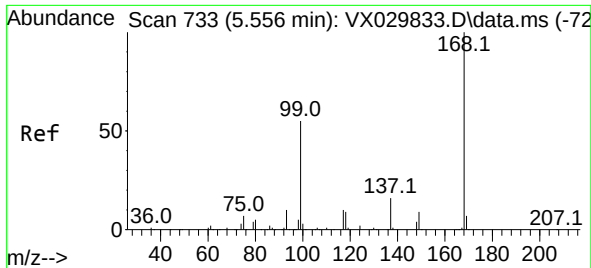
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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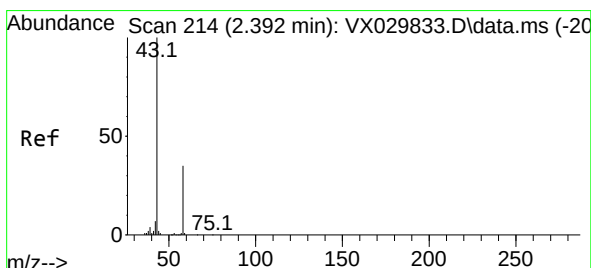
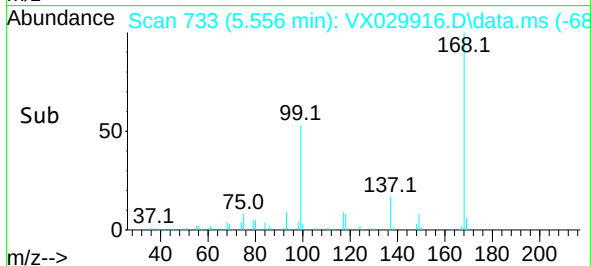
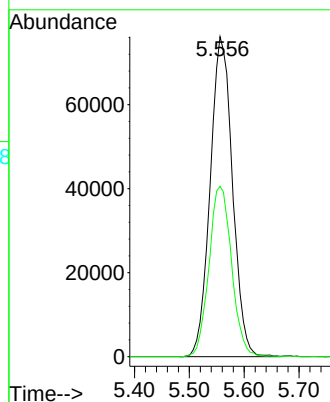
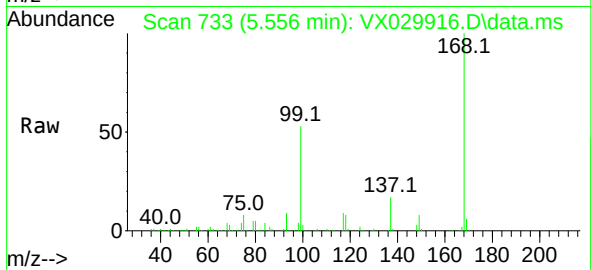




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029916.D
Acq: 05 Jul 2022 13:31

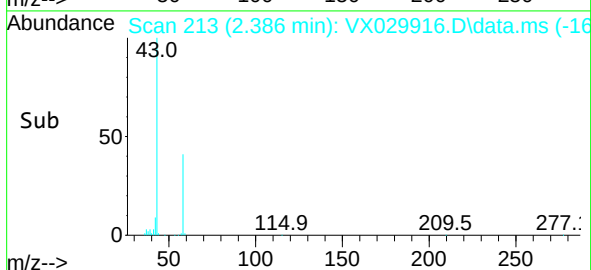
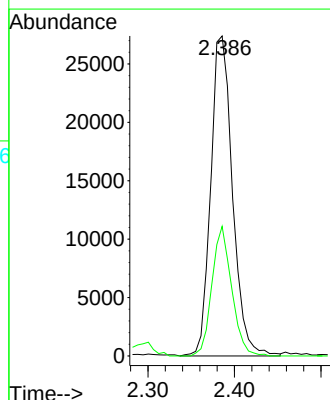
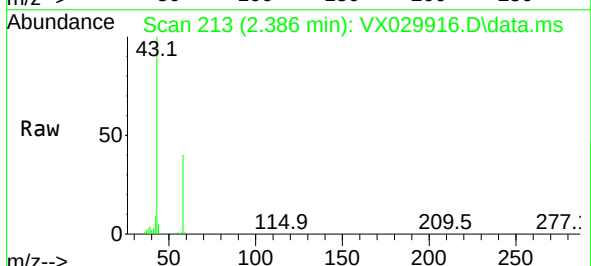
Instrument :
MSVOA_X
ClientSampleId :
PB145991ZHE#02

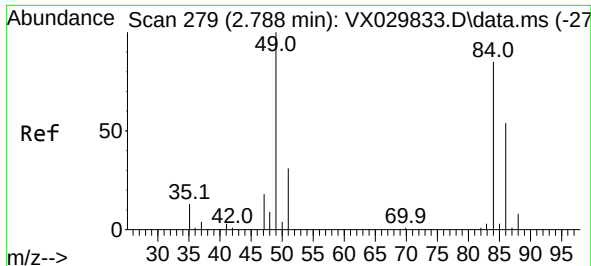
Tgt Ion:168 Resp: 214945
Ion Ratio Lower Upper
168 100
99 53.2 44.0 66.0



#16
Acetone
Concen: 35.977 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX029916.D
Acq: 05 Jul 2022 13:31

Tgt Ion: 43 Resp: 47890
Ion Ratio Lower Upper
43 100
58 40.5 27.7 41.5

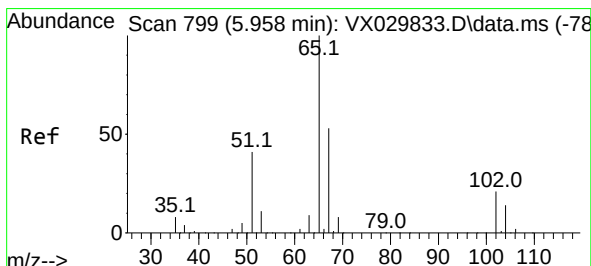
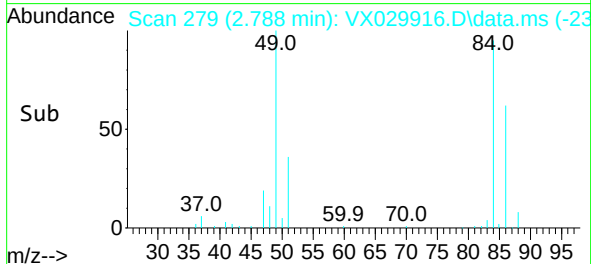
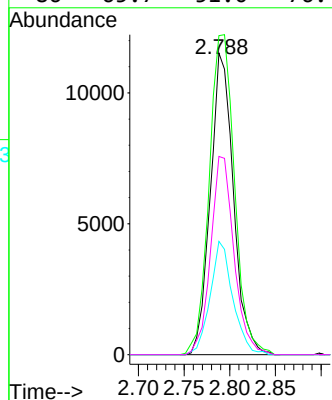
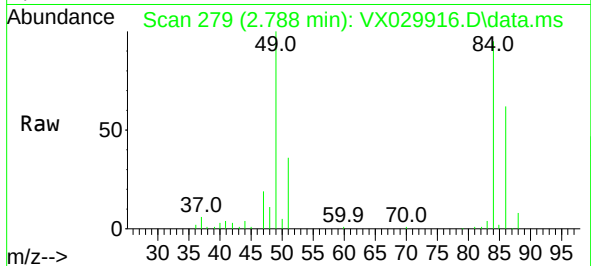




#20
Methylene Chloride
Concen: 7.201 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX029916.D
Acq: 05 Jul 2022 13:31

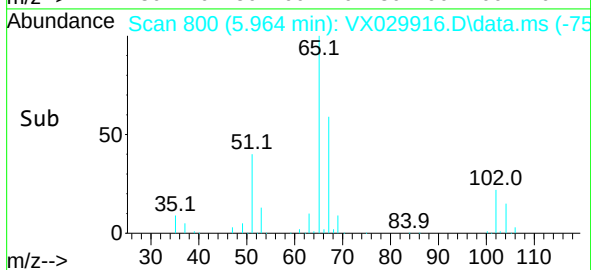
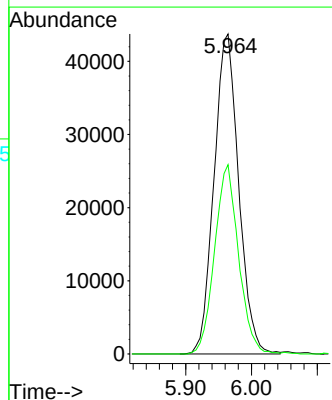
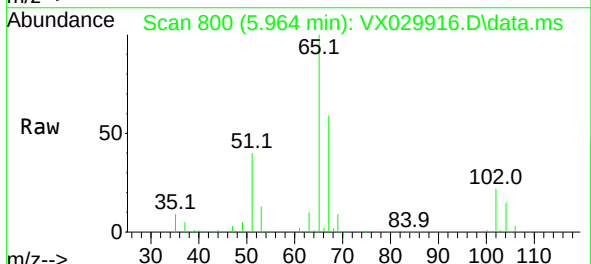
Instrument :
MSVOA_X
ClientSampleId :
PB145991ZHE#02

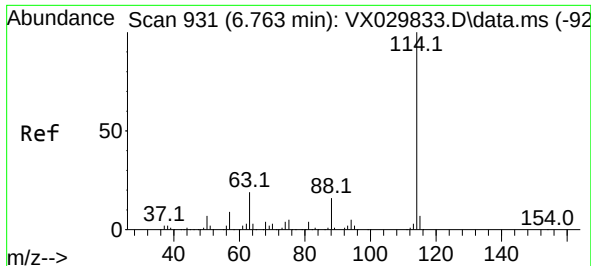
Tgt Ion: 84	Resp: 20244		
Ion	Ratio	Lower	Upper
84	100		
49	105.8	93.8	140.6
51	37.6	29.4	44.0
86	65.7	51.0	76.4



#33
1,2-Dichloroethane-d4
Concen: 41.967 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX029916.D
Acq: 05 Jul 2022 13:31

Tgt Ion: 65	Resp: 114186
Ion Ratio	Lower Upper
65 100	
67 57.4	0.0 109.6

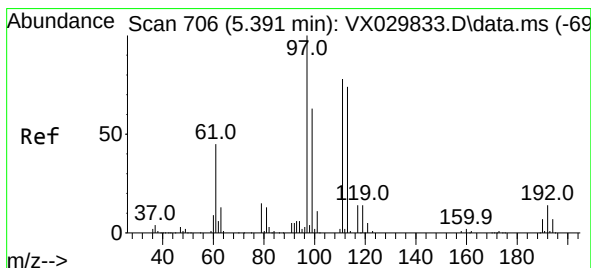
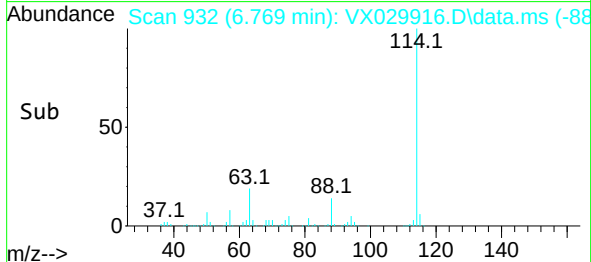
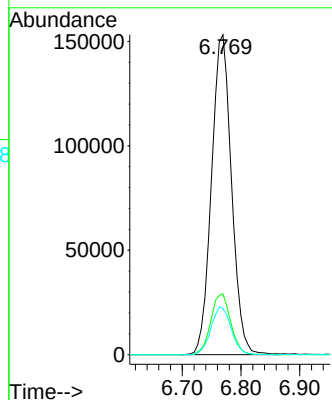
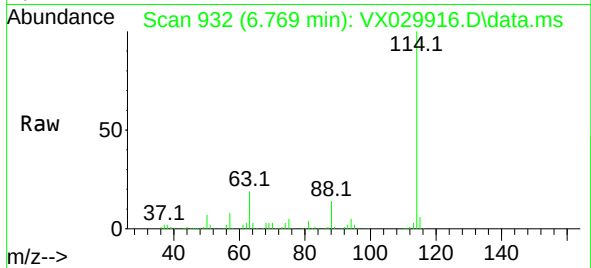




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX029916.D
Acq: 05 Jul 2022 13:31

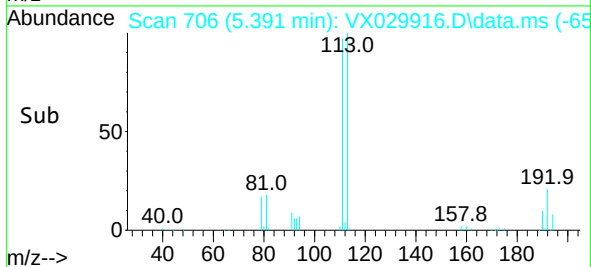
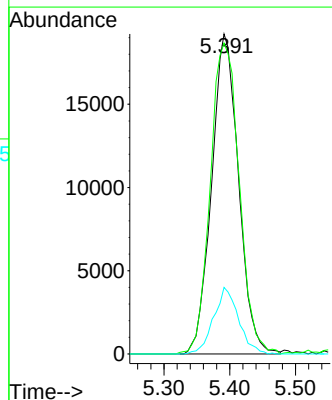
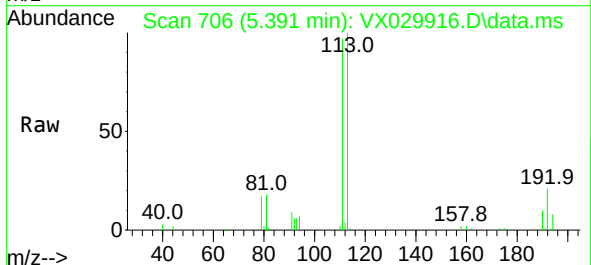
Instrument :
MSVOA_X
ClientSampleId :
PB145991ZHE#02

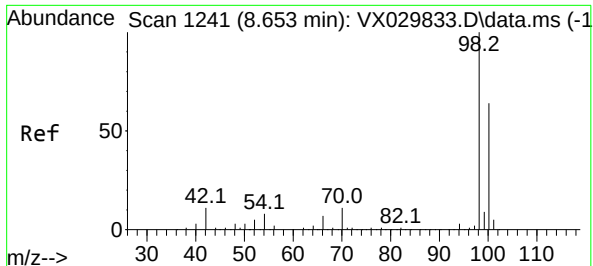
Tgt Ion:114 Resp: 362583
Ion Ratio Lower Upper
114 100
63 19.0 0.0 38.4
88 14.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 24.171 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029916.D
Acq: 05 Jul 2022 13:31

Tgt Ion:113 Resp: 54770
Ion Ratio Lower Upper
113 100
111 104.3 83.2 124.8
192 19.2 14.8 22.2





#50

Toluene-d8

Concen: 48.365 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX029916.D

Acq: 05 Jul 2022 13:31

Instrument :

MSVOA_X

ClientSampleId :

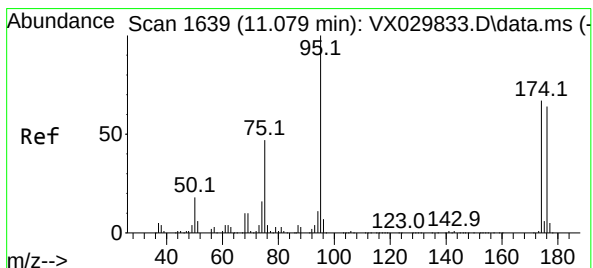
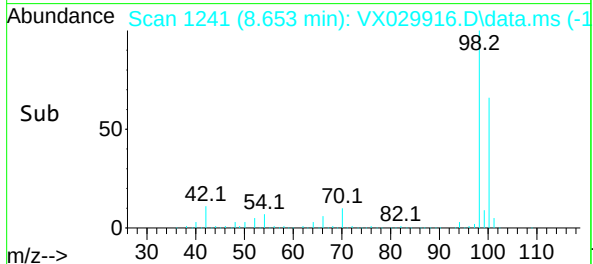
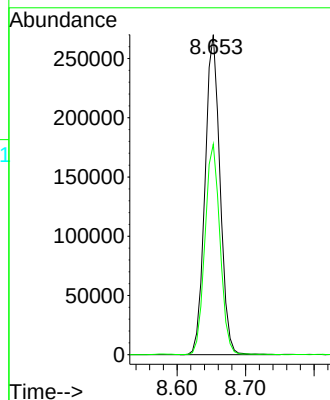
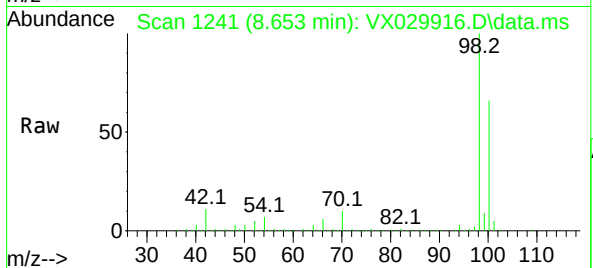
PB145991ZHE#02

Tgt Ion: 98 Resp: 411137

Ion Ratio Lower Upper

98 100

100 66.2 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 43.226 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX029916.D

Acq: 05 Jul 2022 13:31

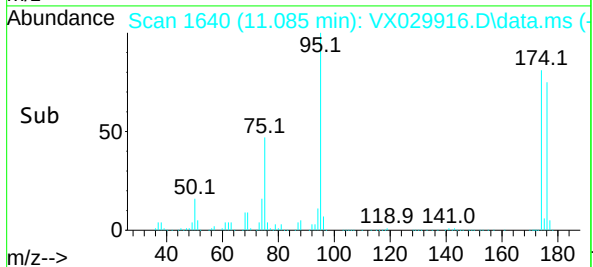
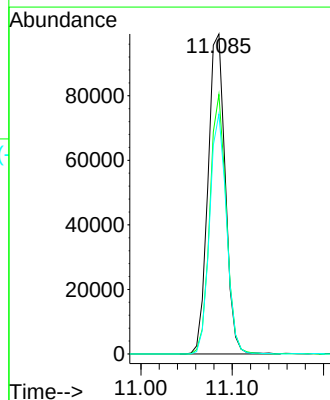
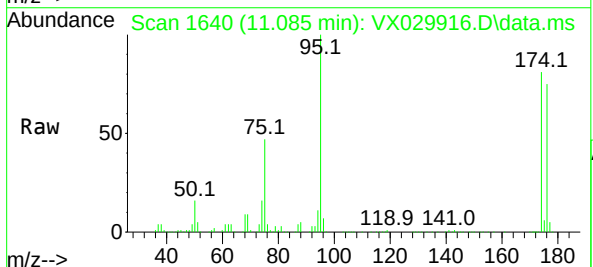
Tgt Ion: 95 Resp: 129888

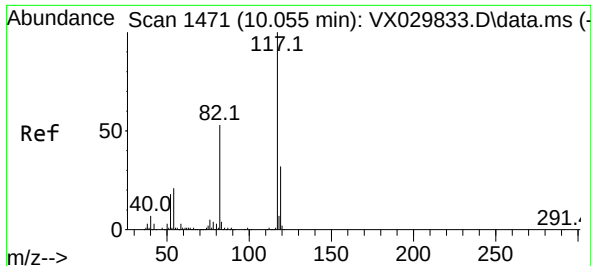
Ion Ratio Lower Upper

95 100

174 77.2 0.0 149.0

176 73.1 0.0 146.0

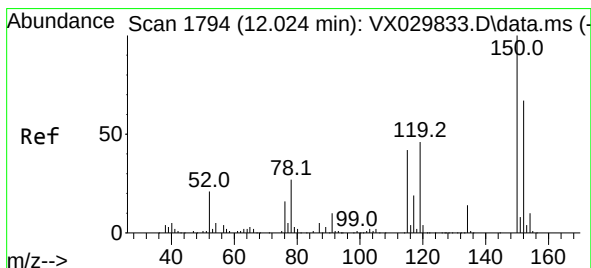
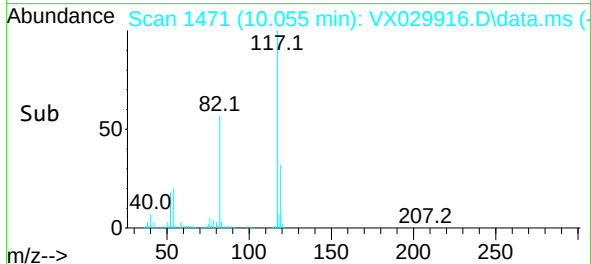
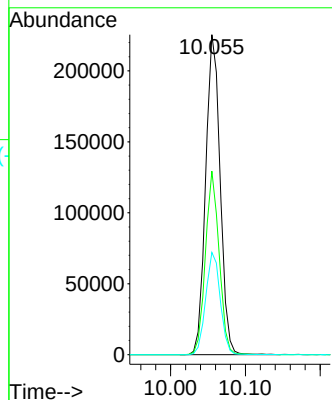
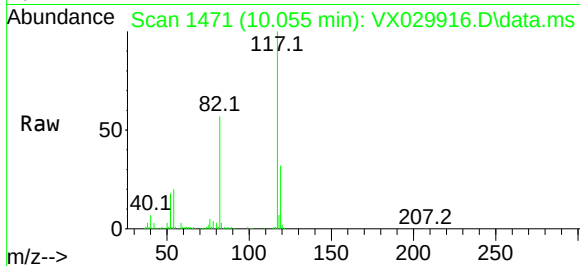




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029916.D
Acq: 05 Jul 2022 13:31

Instrument :
MSVOA_X
ClientSampleId :
PB145991ZHE#02

Tgt Ion:117 Resp: 303473
Ion Ratio Lower Upper
117 100
82 57.4 42.7 64.1
119 32.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029916.D
Acq: 05 Jul 2022 13:31

Tgt Ion:152 Resp: 121327
Ion Ratio Lower Upper
152 100
115 57.6 40.5 121.5
150 155.3 0.0 347.0

