

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
 Data File : VX035345.D
 Acq On : 27 Apr 2023 16:44
 Operator : JC/MD
 Sample : 02495-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PZ-02

Quant Time: Apr 28 05:07:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

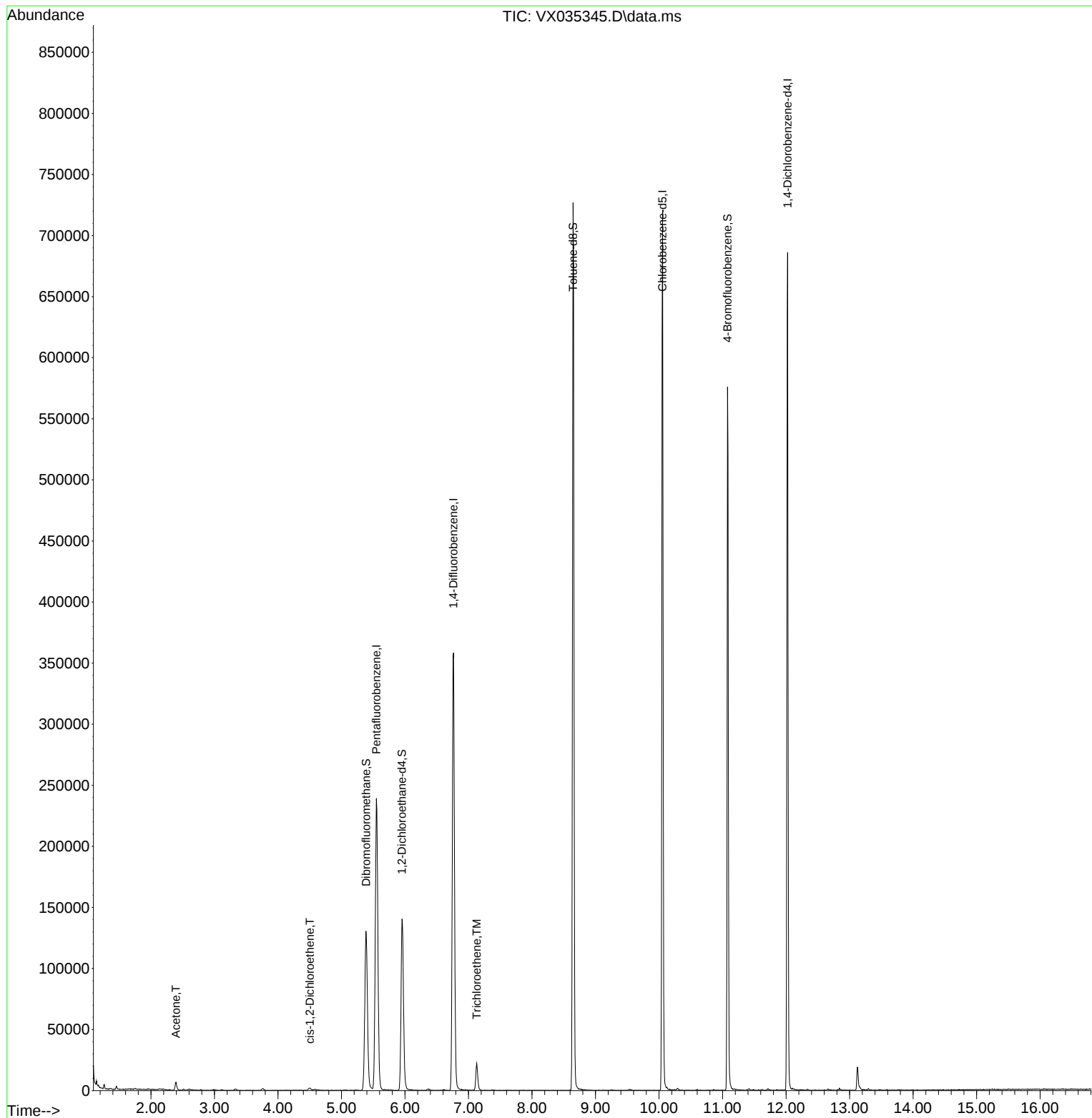
Internal Standards						
1) Pentafluorobenzene	5.550	168	235647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	379667	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	337671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	138207	48.614	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.220%
35) Dibromofluoromethane	5.385	113	117194	50.292	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.580%
50) Toluene-d8	8.647	98	443401	50.440	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.880%
62) 4-Bromofluorobenzene	11.079	95	159134	48.122	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.240%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	7924	6.418	ug/l	91
27) cis-1,2-Dichloroethene	4.501	96	1302	0.446	ug/l	85
44) Trichloroethene	7.129	130	8635	3.003	ug/l	99

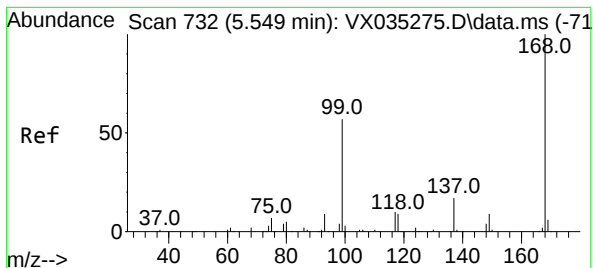
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. 0.001 min

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ClientSampleId :

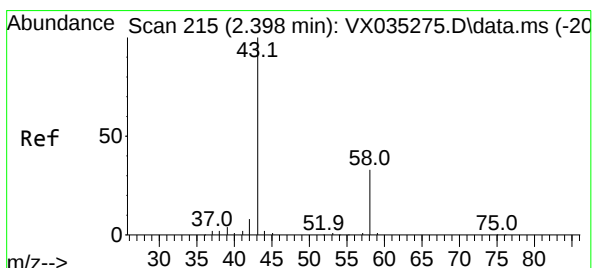
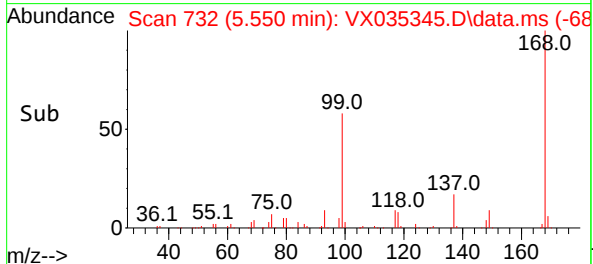
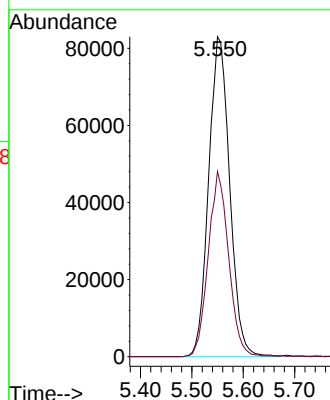
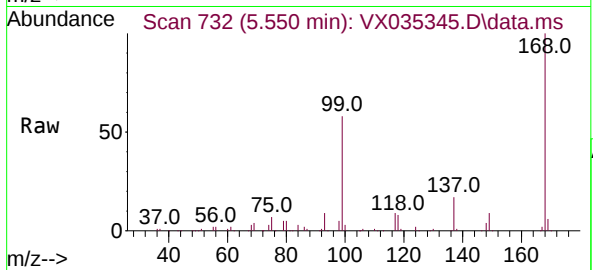
PZ-02

Tgt Ion:168 Resp: 235647

Ion Ratio Lower Upper

168 100

99 57.9 45.7 68.5



#16

Acetone

Concen: 6.418 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX035345.D

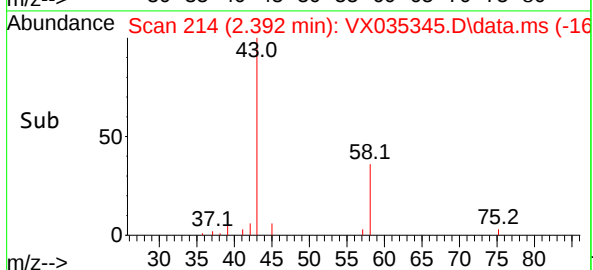
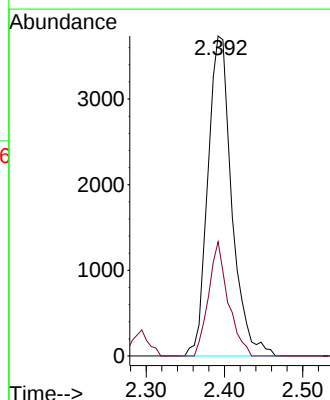
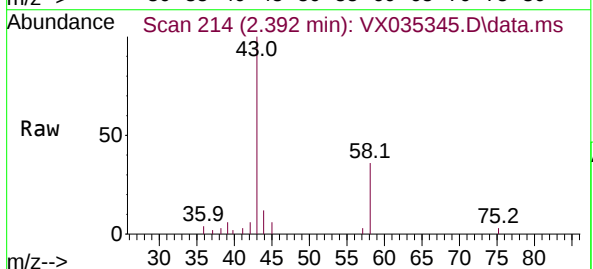
Acq: 27 Apr 2023 16:44

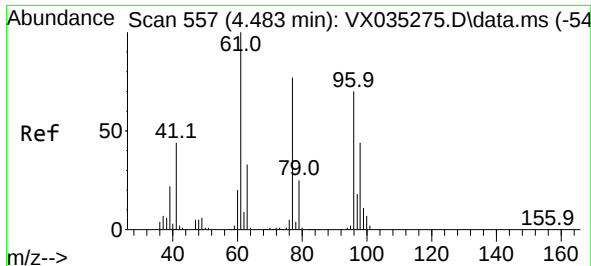
Tgt Ion: 43 Resp: 7924

Ion Ratio Lower Upper

43 100

58 35.7 24.7 37.1





#27

cis-1,2-Dichloroethene

Concen: 0.446 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.018 min

Lab File: VX035345.D

Acq: 27 Apr 2023 16:44

Instrument :

MSVOA_X

ClientSampleId :

PZ-02

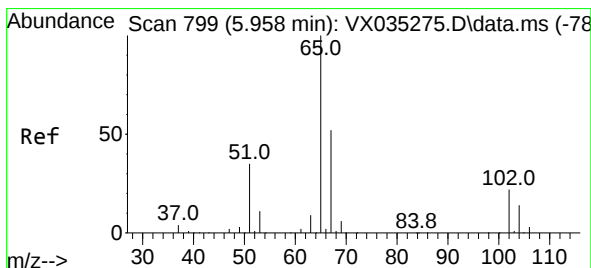
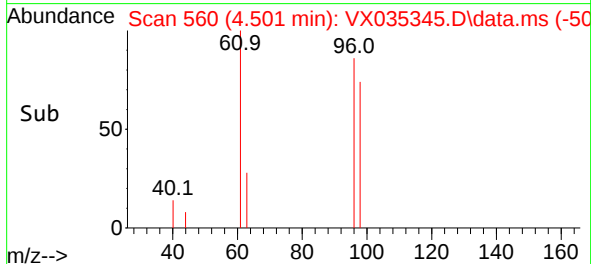
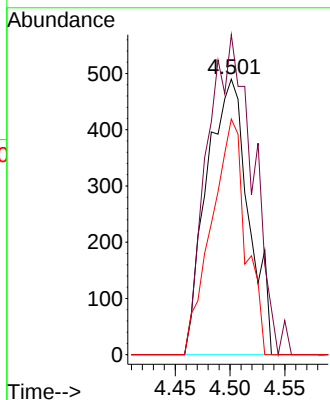
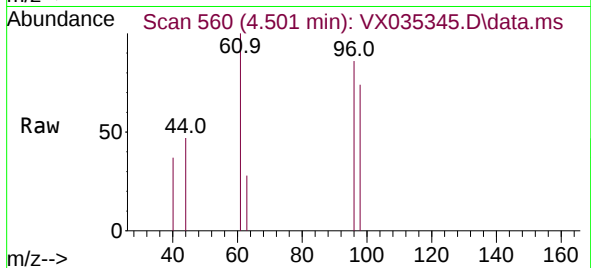
Tgt Ion: 96 Resp: 1302

Ion Ratio Lower Upper

96 100

61 126.9 0.0 300.4

98 70.4 0.0 129.0



#33

1,2-Dichloroethane-d4

Concen: 48.614 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX035345.D

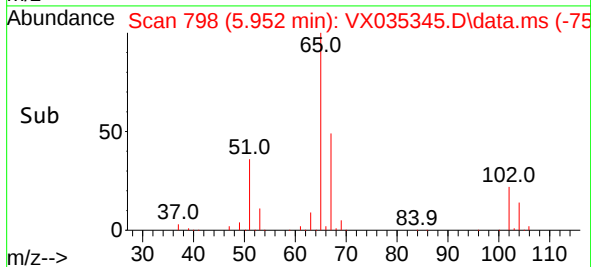
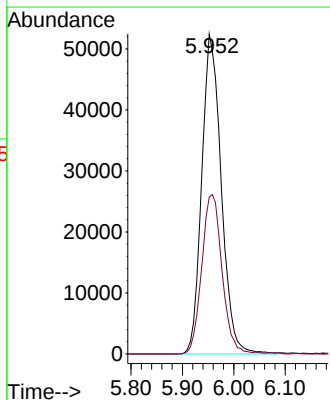
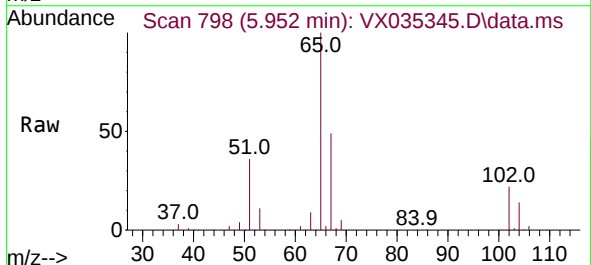
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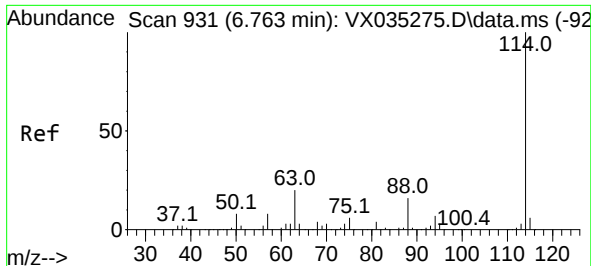
Tgt Ion: 65 Resp: 138207

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.0

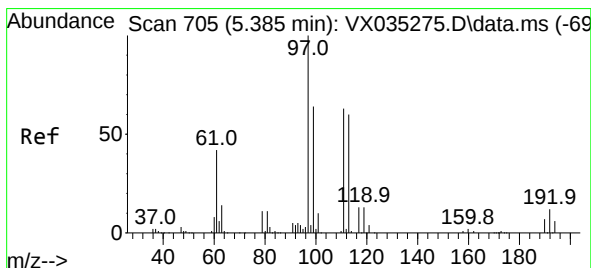
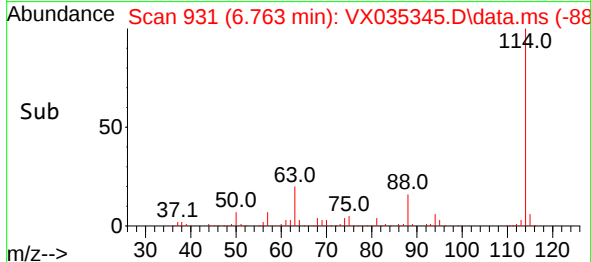
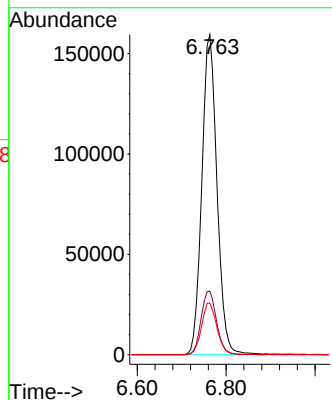
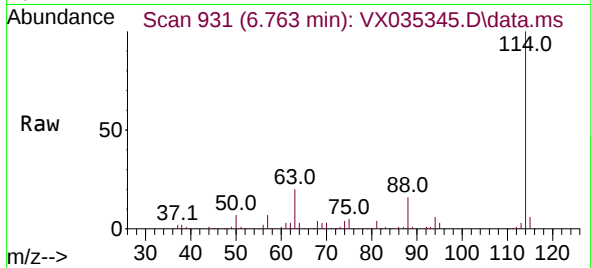




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035345.D
Acq: 27 Apr 2023 16:44

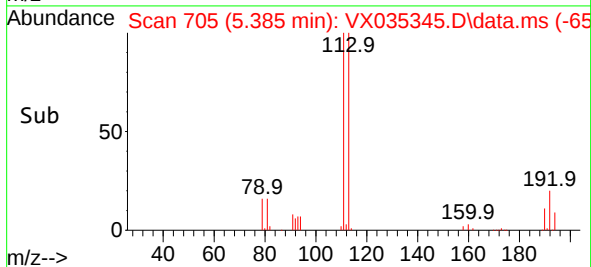
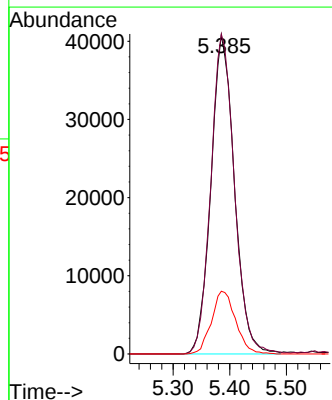
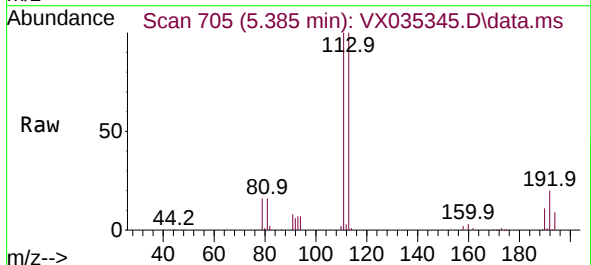
Instrument :
MSVOA_X
ClientSampleId :
PZ-02

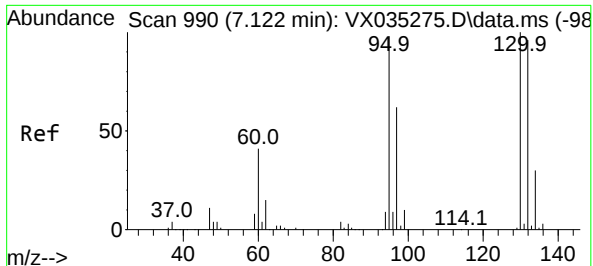
Tgt Ion:114 Resp: 379667
Ion Ratio Lower Upper
114 100
63 19.9 0.0 42.2
88 16.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.292 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035345.D
Acq: 27 Apr 2023 16:44

Tgt Ion:113 Resp: 117194
Ion Ratio Lower Upper
113 100
111 100.9 83.7 125.5
192 20.3 15.4 23.2

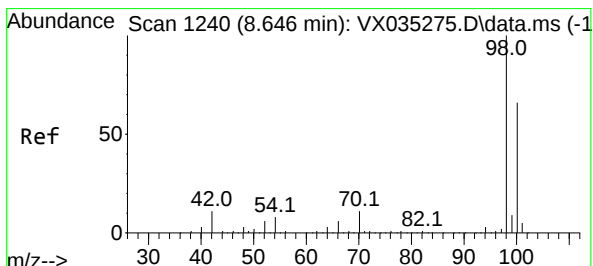
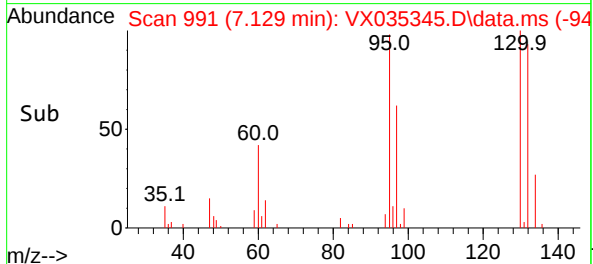
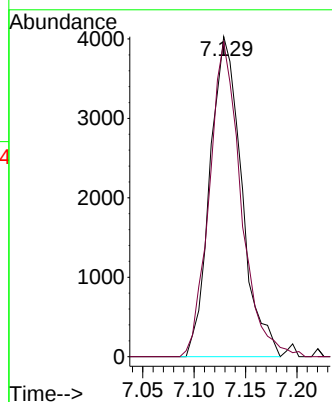
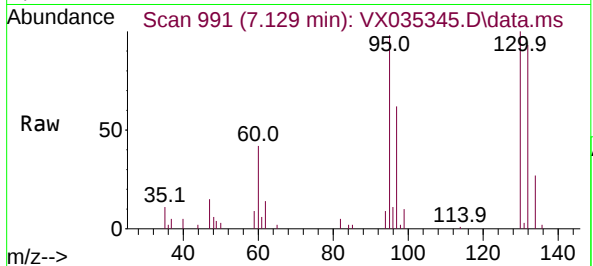




#44
Trichloroethene
Concen: 3.003 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX035345.D
Acq: 27 Apr 2023 16:44

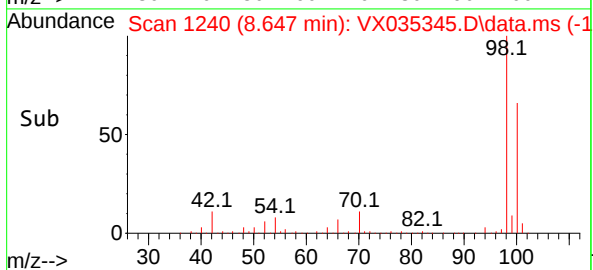
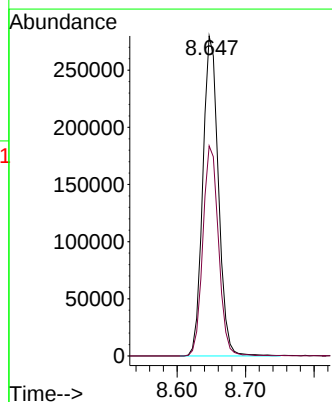
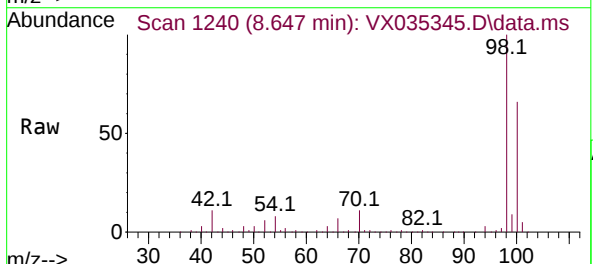
Instrument :
MSVOA_X
ClientSampleId :
PZ-02

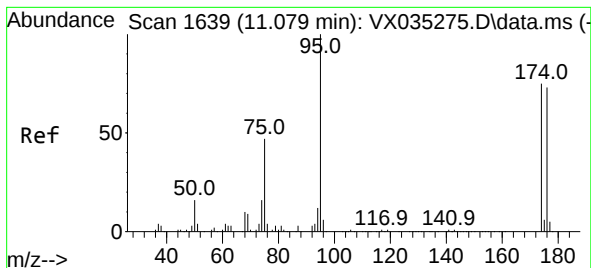
Tgt Ion:130 Resp: 8635
Ion Ratio Lower Upper
130 100
95 98.3 0.0 198.4



#50
Toluene-d8
Concen: 50.440 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035345.D
Acq: 27 Apr 2023 16:44

Tgt Ion: 98 Resp: 443401
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7

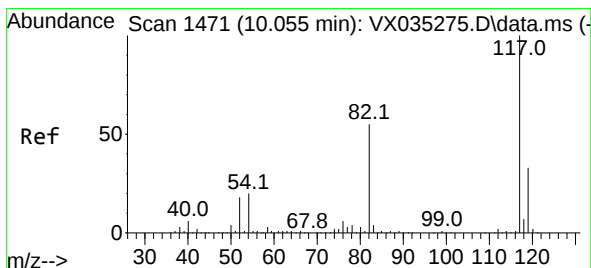
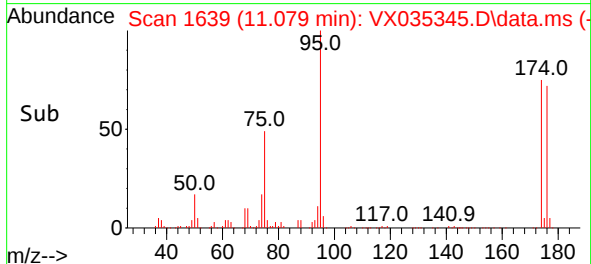
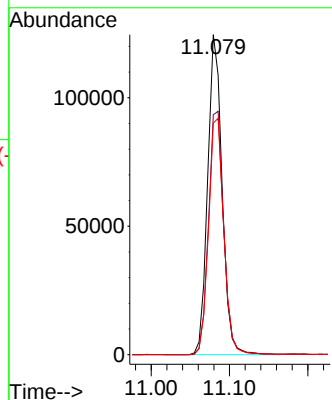
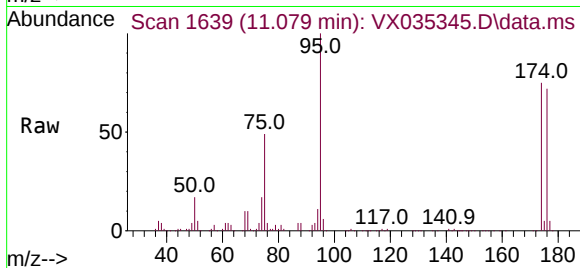




#62
4-Bromofluorobenzene
Concen: 48.122 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035345.D
Acq: 27 Apr 2023 16:44

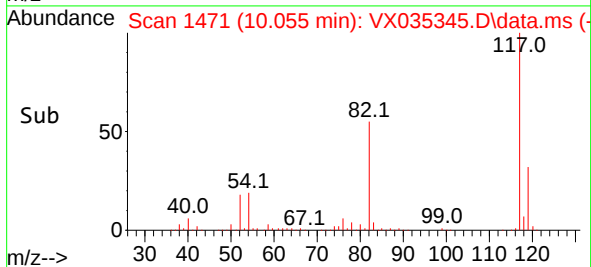
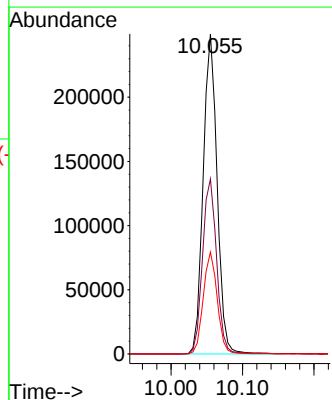
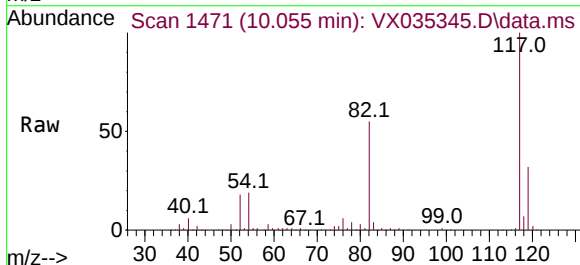
Instrument :
MSVOA_X
ClientSampleId :
PZ-02

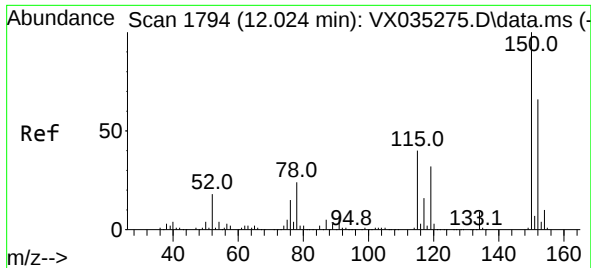
Tgt Ion: 95 Resp: 159134
Ion Ratio Lower Upper
95 100
174 80.3 0.0 147.4
176 77.9 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035345.D
Acq: 27 Apr 2023 16:44

Tgt Ion: 117 Resp: 337671
Ion Ratio Lower Upper
117 100
82 54.7 45.0 67.4
119 31.9 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035345.D

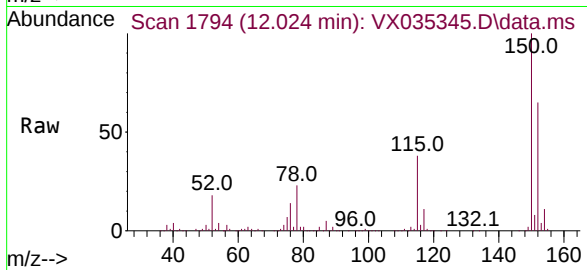
Acq: 27 Apr 2023 16:44

Instrument :

MSVOA_X

ClientSampleId :

PZ-02



Tgt Ion:152 Resp: 151275

Ion Ratio Lower Upper

152 100

115 59.2 45.0 135.0

150 157.6 0.0 352.4

