

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012623\
 Data File : VX033918.D
 Acq On : 26 Jan 2023 18:38
 Operator : JC/MD
 Sample : 01327-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 N48965

Quant Time: Jan 27 02:59:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

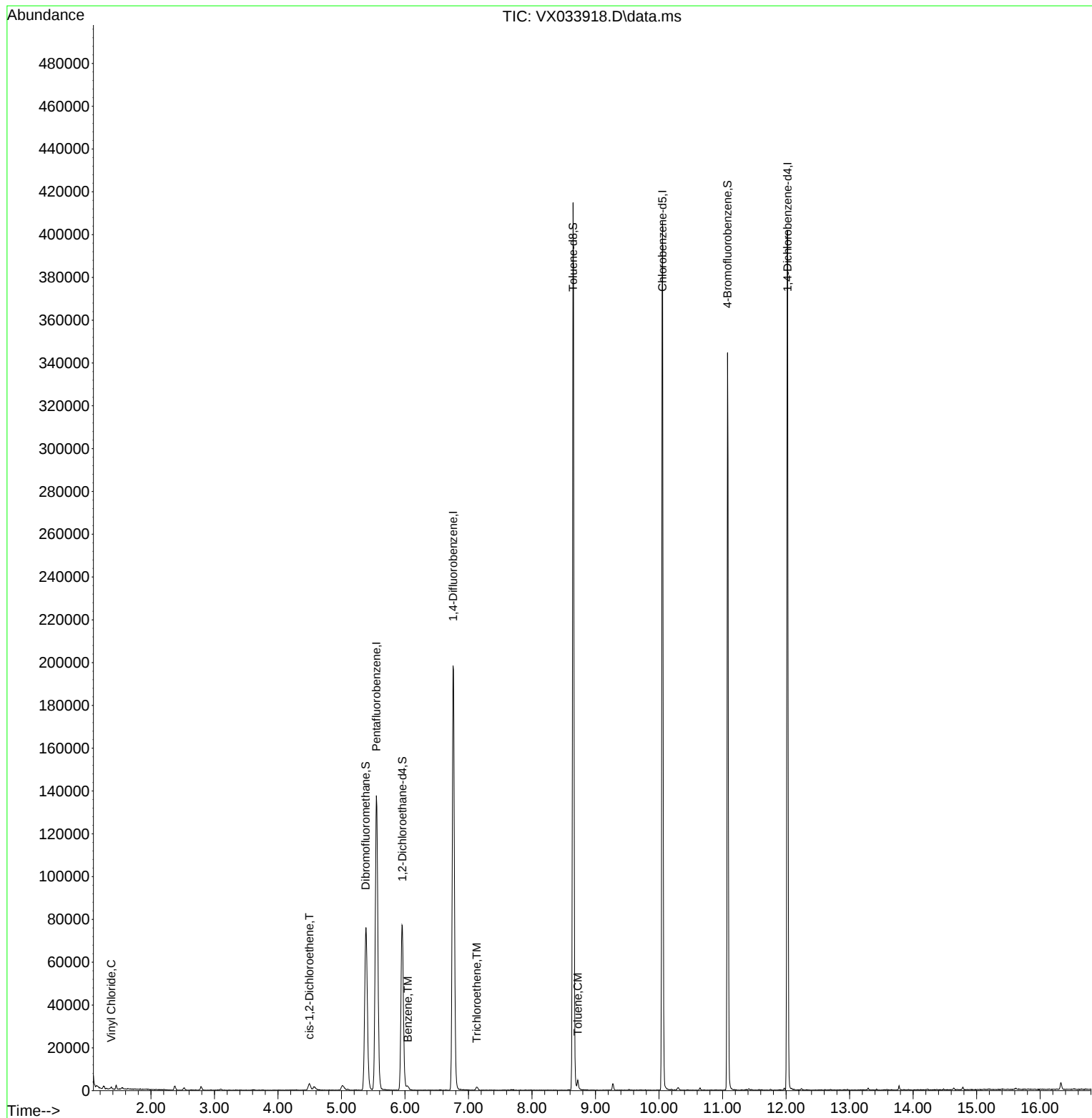
Internal Standards						
1) Pentafluorobenzene	5.550	168	150244	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	218704	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73960	46.753	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.500%
35) Dibromofluoromethane	5.379	113	68035	50.098	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.200%
50) Toluene-d8	8.647	98	249742	50.473	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.940%
62) 4-Bromofluorobenzene	11.079	95	87654	47.713	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.420%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	636	0.500	ug/l	89
27) cis-1,2-Dichloroethene	4.495	96	2257	1.374	ug/l	90
40) Benzene	6.043	78	2314	0.401	ug/l	97
44) Trichloroethene	7.129	130	760	0.470	ug/l	95
52) Toluene	8.720	92	1865	0.500	ug/l	91

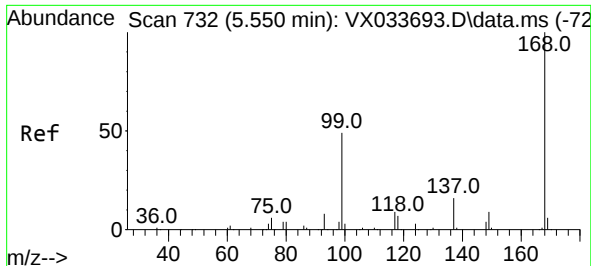
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
Response via : Initial Calibration

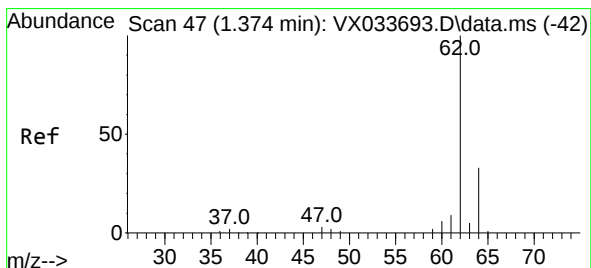
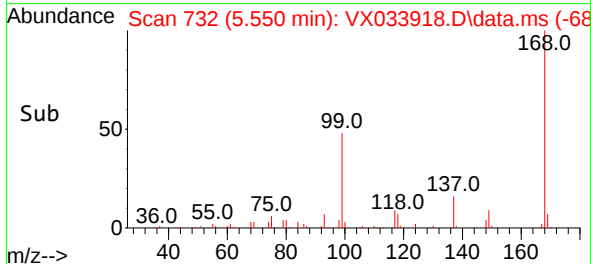
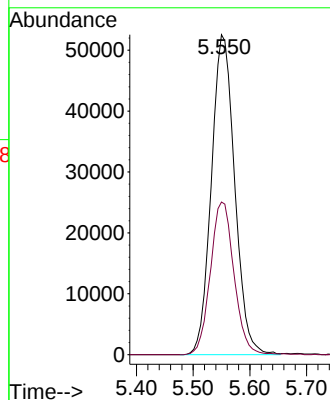
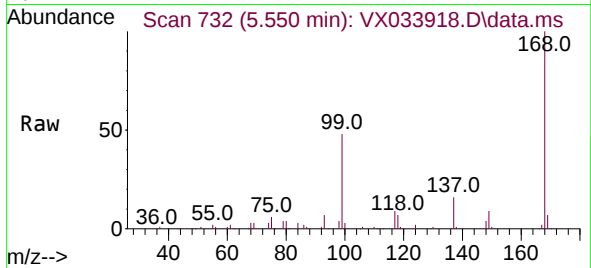




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033918.D
Acq: 26 Jan 2023 18:38

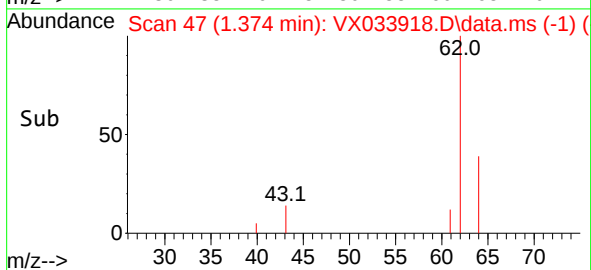
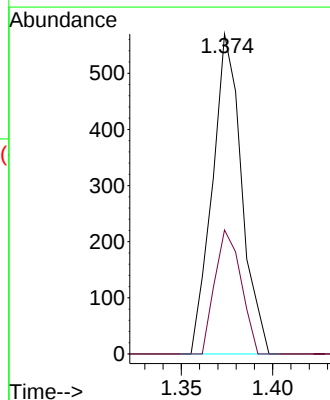
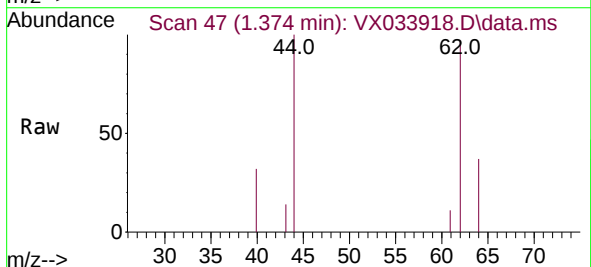
Instrument :
MSVOA_X
ClientSampleId :
N48965

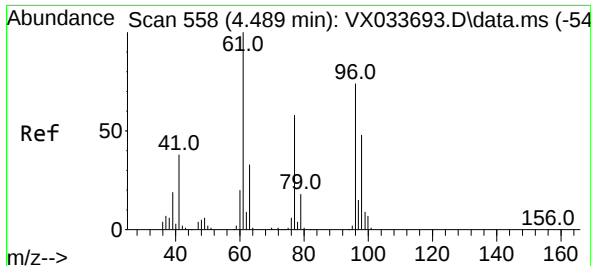
Tgt Ion:168 Resp: 150244
Ion Ratio Lower Upper
168 100
99 47.7 39.6 59.4



#4
Vinyl Chloride
Concen: 0.500 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033918.D
Acq: 26 Jan 2023 18:38

Tgt Ion: 62 Resp: 636
Ion Ratio Lower Upper
62 100
64 38.8 26.2 39.4





#27

cis-1,2-Dichloroethene

Concen: 1.374 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX033918.D

Acq: 26 Jan 2023 18:38

Instrument :

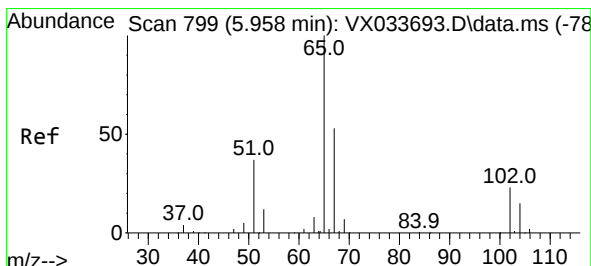
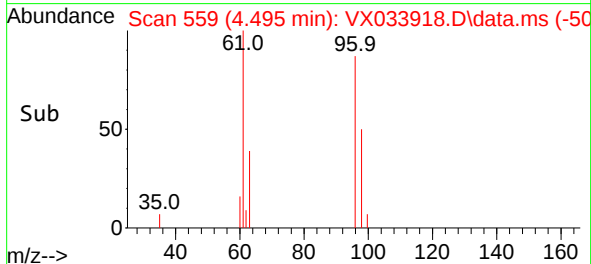
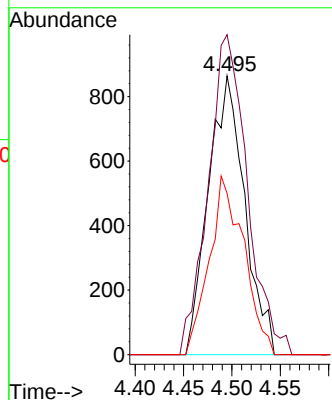
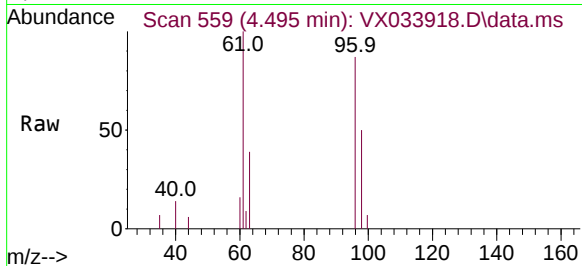
MSVOA_X

ClientSampleId :

N48965

Tgt Ion: 96 Resp: 2257

Ion	Ratio	Lower	Upper
96	100		
61	123.4	0.0	277.6
98	60.9	0.0	128.0



#33

1,2-Dichloroethane-d4

Concen: 46.753 ug/l

RT: 5.958 min Scan# 799

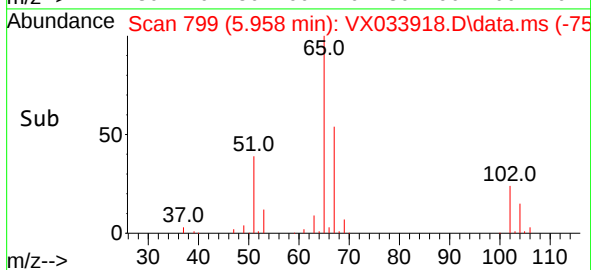
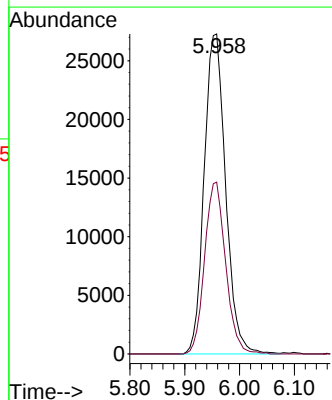
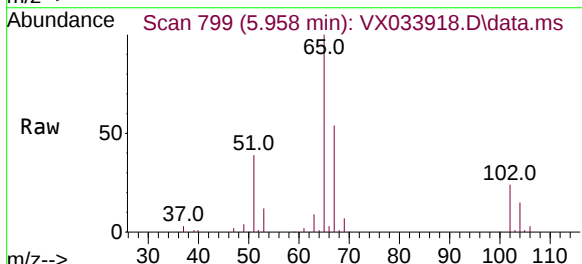
Delta R.T. -0.000 min

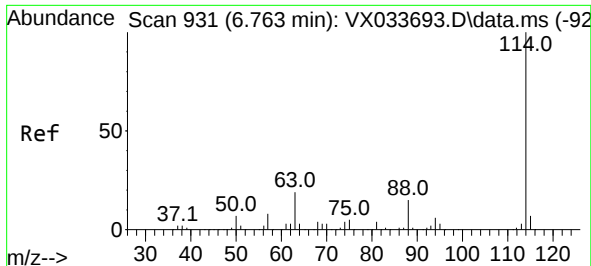
Lab File: VX033918.D

Acq: 26 Jan 2023 18:38

Tgt Ion: 65 Resp: 73960

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX033918.D

Acq: 26 Jan 2023 18:38

Instrument :

MSVOA_X

ClientSampleId :

N48965

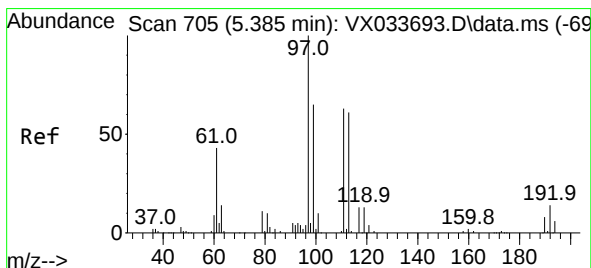
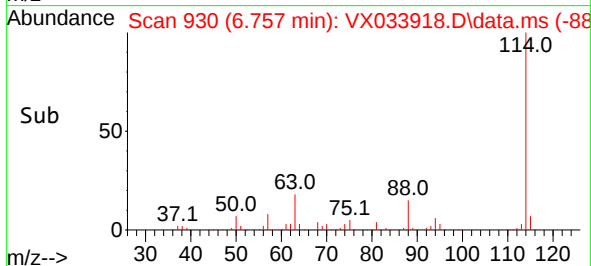
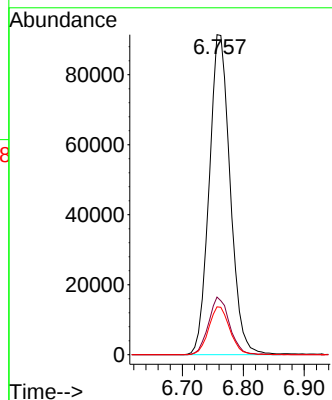
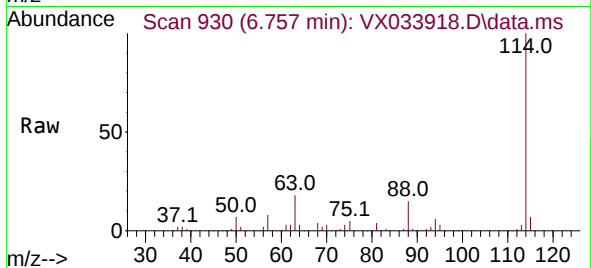
Tgt Ion:114 Resp: 218704

Ion Ratio Lower Upper

114 100

63 18.0 0.0 37.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.098 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX033918.D

Acq: 26 Jan 2023 18:38

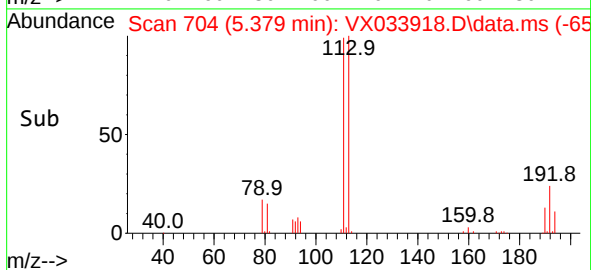
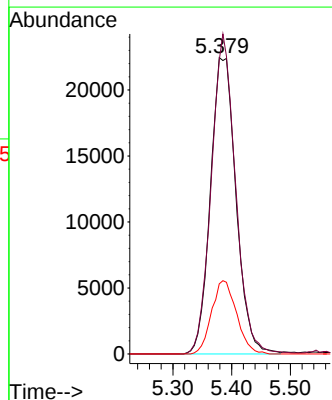
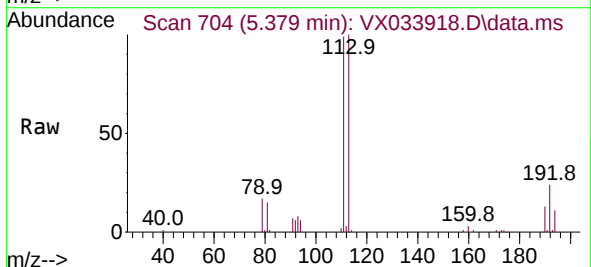
Tgt Ion:113 Resp: 68035

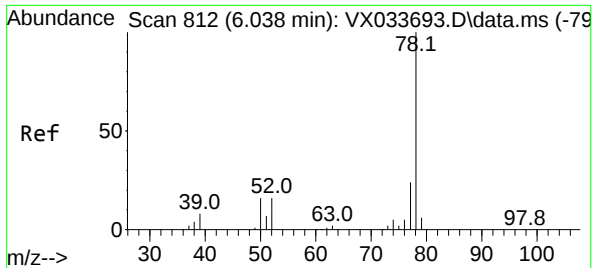
Ion Ratio Lower Upper

113 100

111 102.1 83.0 124.6

192 24.0 19.0 28.4





#40

Benzene

Concen: 0.401 ug/l

RT: 6.043 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX033918.D

Acq: 26 Jan 2023 18:38

Instrument :

MSVOA_X

ClientSampleId :

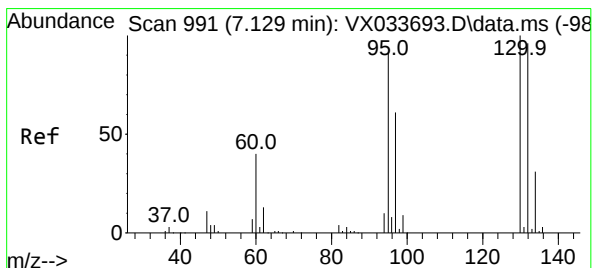
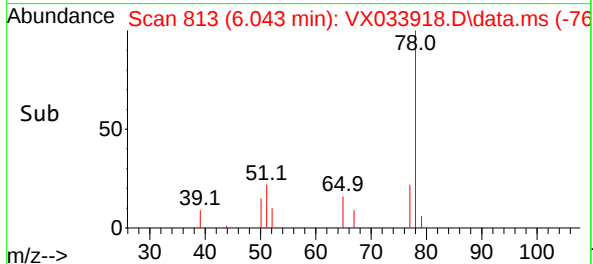
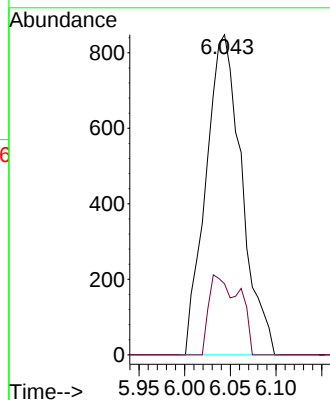
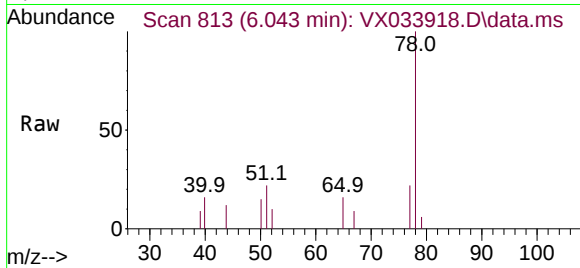
N48965

Tgt Ion: 78 Resp: 2314

Ion Ratio Lower Upper

78 100

77 22.2 19.0 28.4



#44

Trichloroethene

Concen: 0.470 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX033918.D

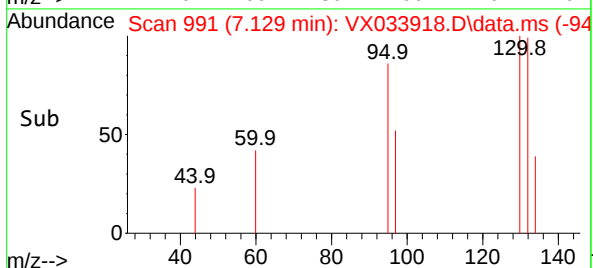
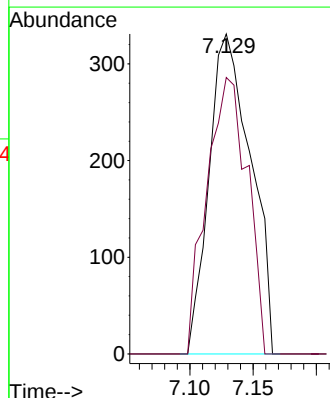
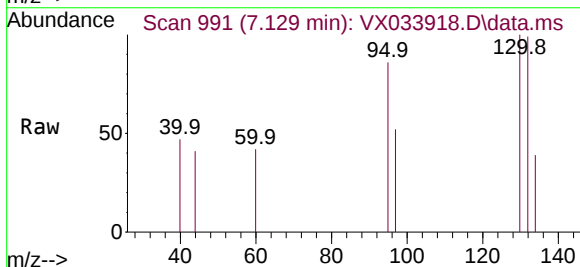
Acq: 26 Jan 2023 18:38

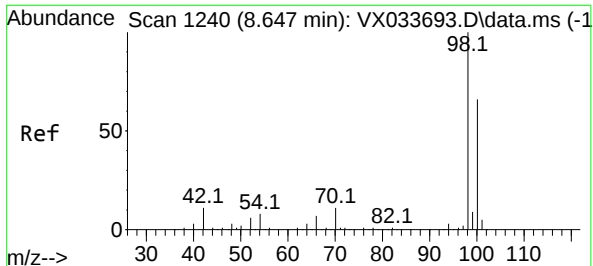
Tgt Ion:130 Resp: 760

Ion Ratio Lower Upper

130 100

95 86.4 0.0 182.6

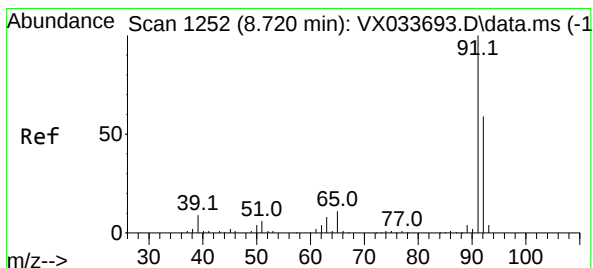
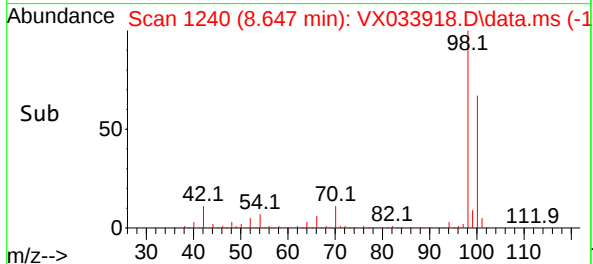
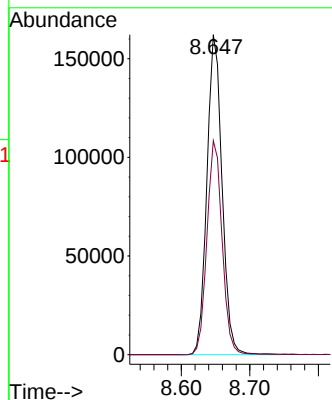
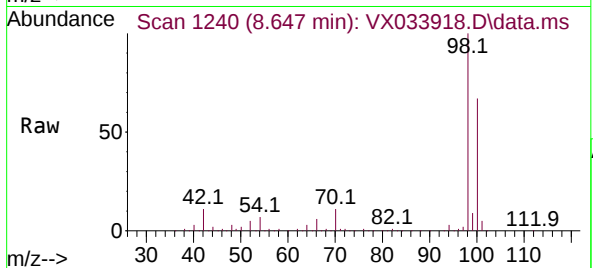




#50
Toluene-d8
Concen: 50.473 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033918.D
Acq: 26 Jan 2023 18:38

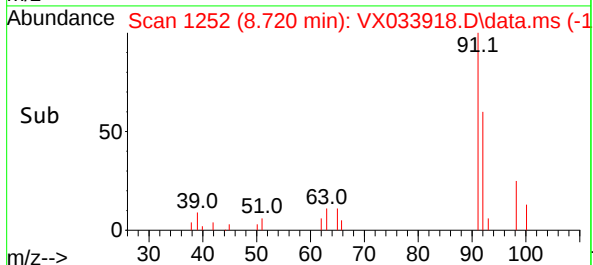
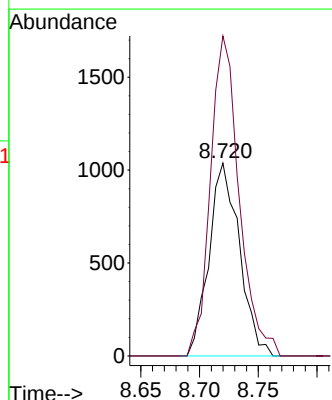
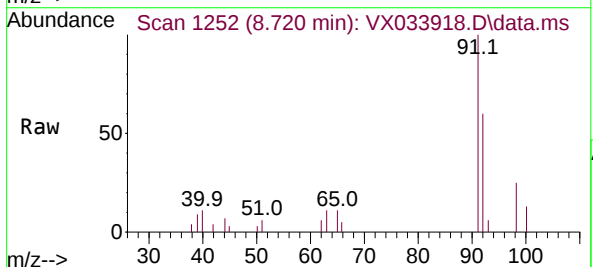
Instrument :
MSVOA_X
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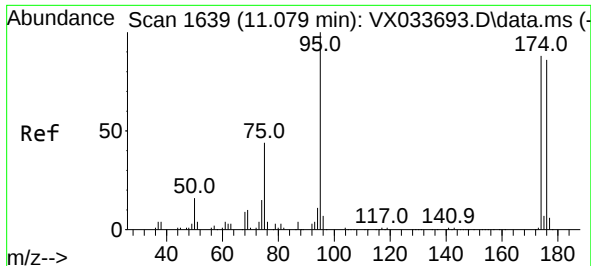
Tgt Ion: 98 Resp: 249742
Ion Ratio Lower Upper
98 100
100 67.0 53.6 80.4



#52
Toluene
Concen: 0.500 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX033918.D
Acq: 26 Jan 2023 18:38

Tgt Ion: 92 Resp: 1865
Ion Ratio Lower Upper
92 100
91 157.4 135.5 203.3





#62

4-Bromofluorobenzene

Concen: 47.713 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX033918.D

Acq: 26 Jan 2023 18:38

Instrument :

MSVOA_X

ClientSampleId :

N48965

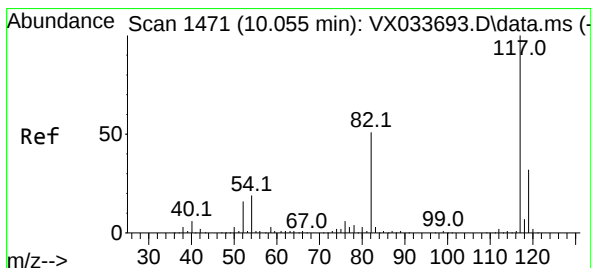
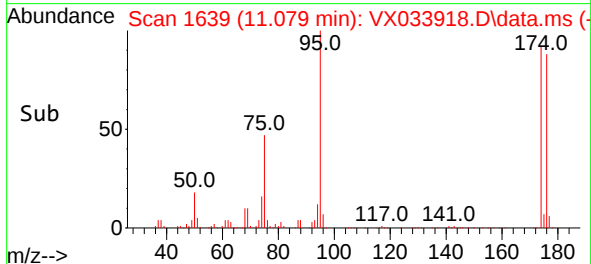
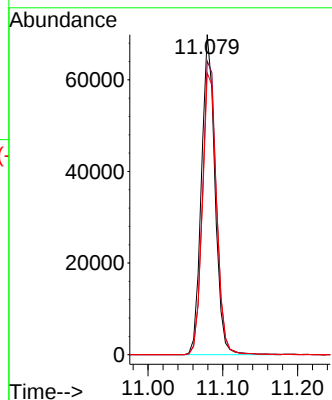
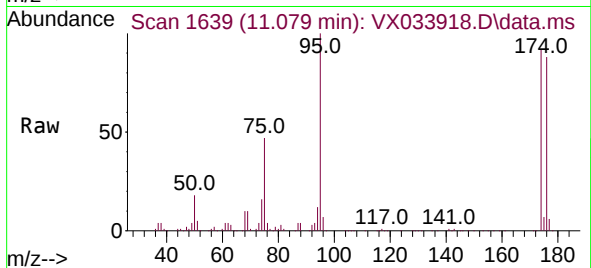
Tgt Ion: 95 Resp: 87654

Ion Ratio Lower Upper

95 100

174 95.6 0.0 184.4

176 92.5 0.0 178.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX033918.D

Acq: 26 Jan 2023 18:38

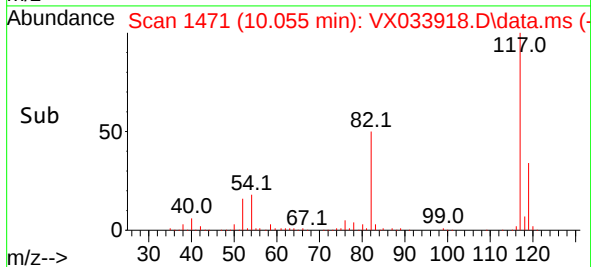
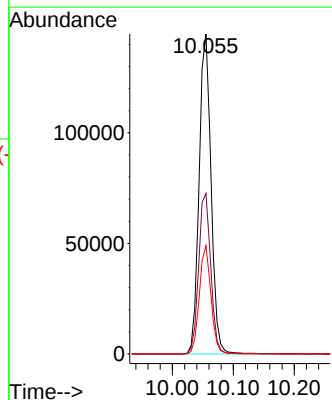
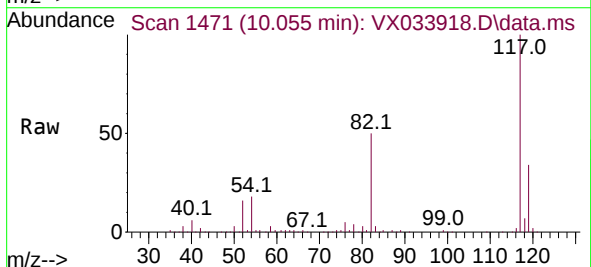
Tgt Ion: 117 Resp: 196818

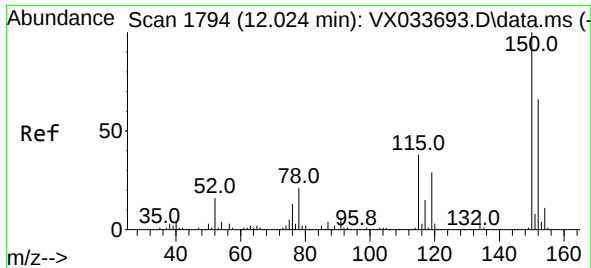
Ion Ratio Lower Upper

117 100

82 50.1 40.6 60.8

119 33.9 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX033918.D

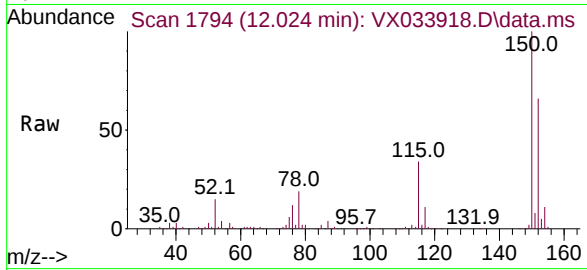
Acq: 26 Jan 2023 18:38

Instrument :

MSVOA_X

ClientSampleId :

N48965



Tgt Ion:152 Resp: 96229

Ion Ratio Lower Upper

152 100

115 54.0 38.7 116.1

150 156.5 0.0 348.2

