

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101022\
 Data File : VX032009.D
 Acq On : 10 Oct 2022 13:58
 Operator : JC/MD
 Sample : N5031-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 5869-3

Quant Time: Oct 11 05:10:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	63932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	97949	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	100861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57401	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	65035	49.257	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.520%
35) Dibromofluoromethane	5.385	113	53686	48.421	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.840%
50) Toluene-d8	8.647	98	196445	49.239	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.480%
62) 4-Bromofluorobenzene	11.079	95	62838	44.552	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.100%

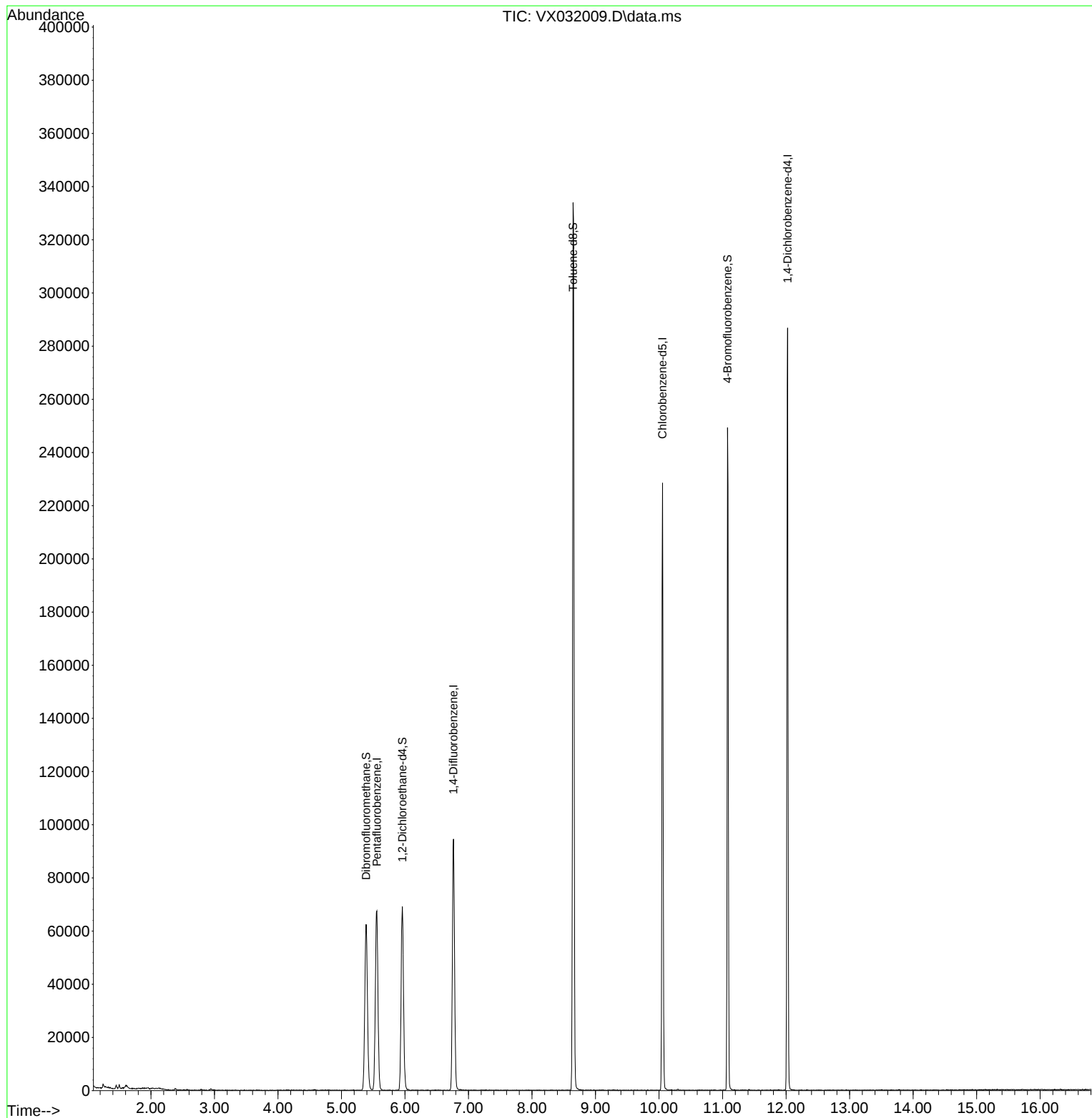
Target Compounds	Qvalue

(#) = 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# 711
Delta R.T. -0.000 min
Lab File: VX032009.D
Acq: 10 Oct 2022 13:58

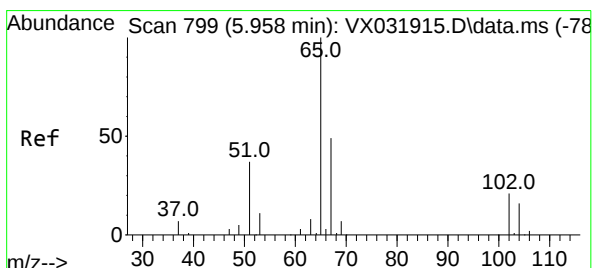
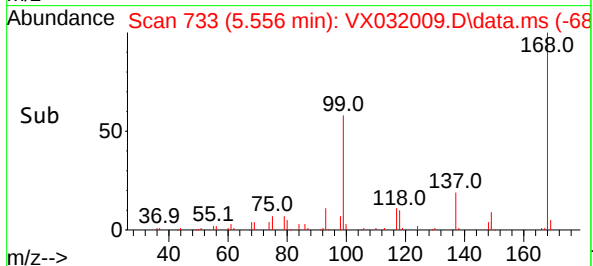
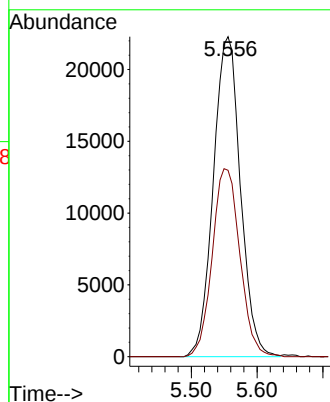
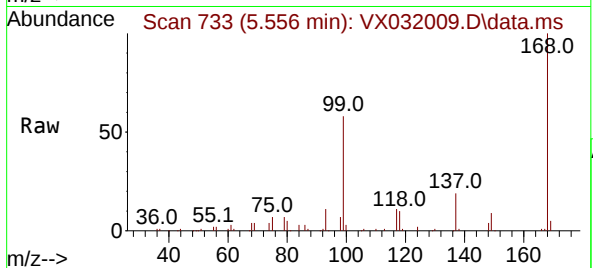
Instrument :

MSVOA_X

ClientSampleId :

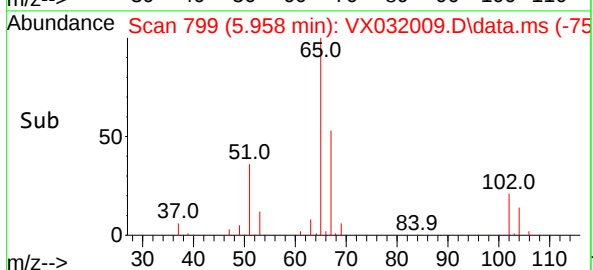
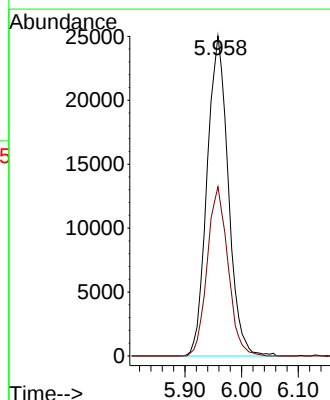
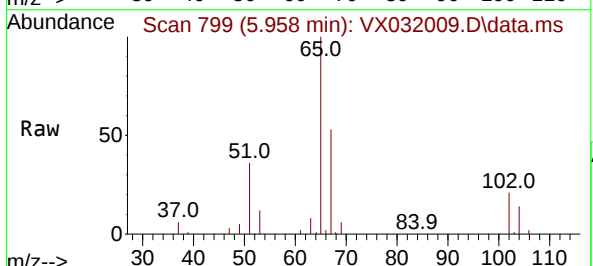
5869-3

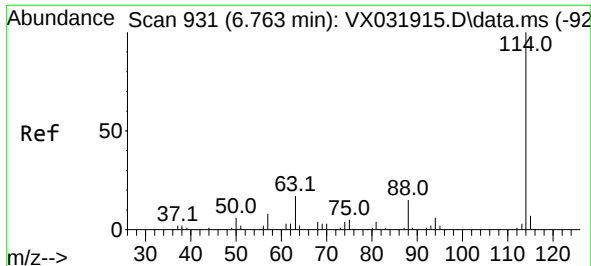
Tgt Ion:168 Resp: 63932
Ion Ratio Lower Upper
168 100
99 58.3 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 49.257 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032009.D
Acq: 10 Oct 2022 13:58

Tgt Ion: 65 Resp: 65035
Ion Ratio Lower Upper
65 100
67 51.8 0.0 102.4

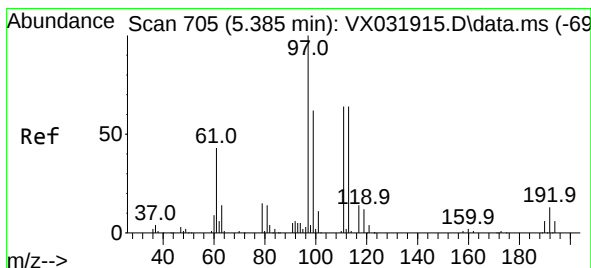
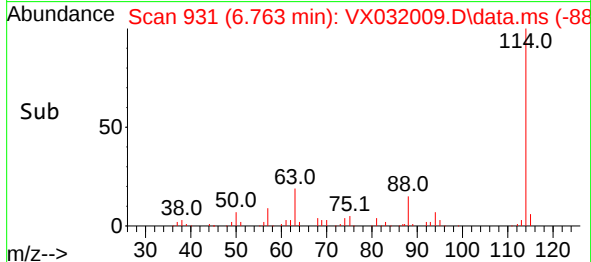
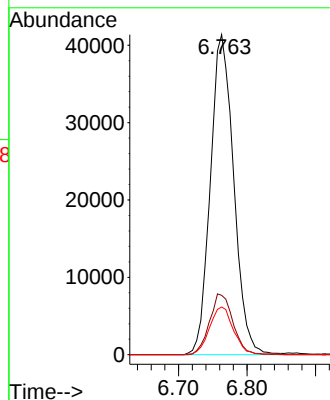
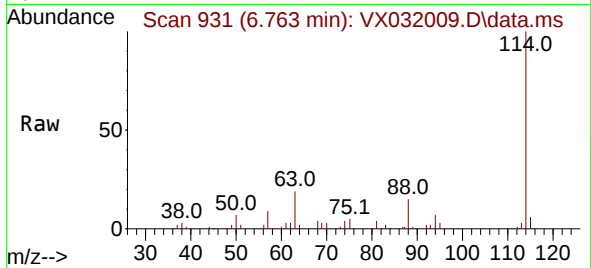




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032009.D
Acq: 10 Oct 2022 13:58

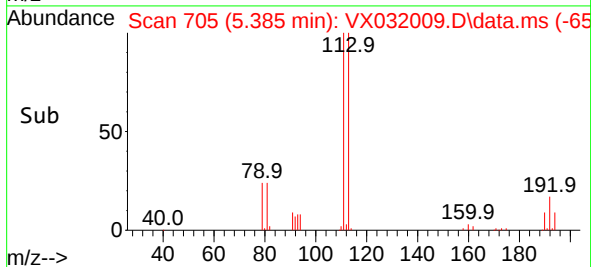
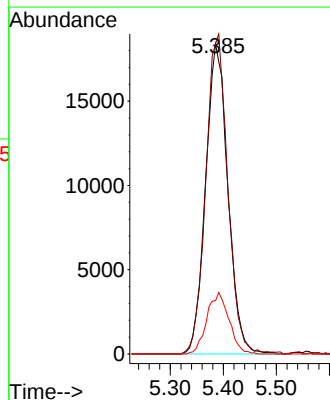
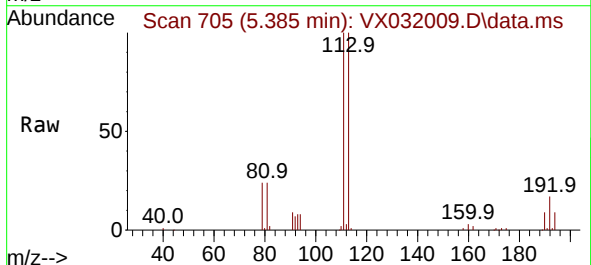
Instrument :
MSVOA_X
ClientSampleId :
5869-3

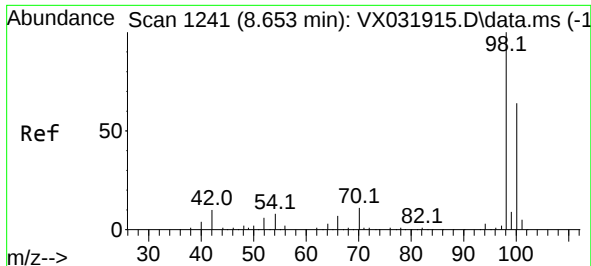
Tgt Ion:114 Resp: 97949
Ion Ratio Lower Upper
114 100
63 18.5 0.0 42.6
88 14.9 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.421 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032009.D
Acq: 10 Oct 2022 13:58

Tgt Ion:113 Resp: 53686
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 19.6 14.1 21.1





#50

Toluene-d8

Concen: 49.239 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032009.D

Acq: 10 Oct 2022 13:58

Instrument :

MSVOA_X

ClientSampleId :

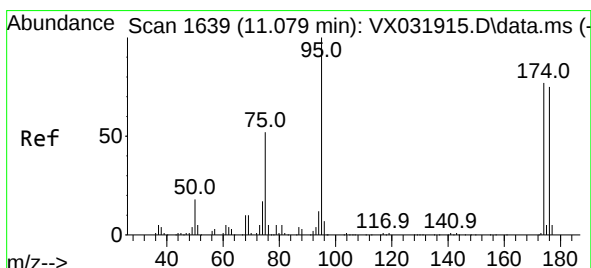
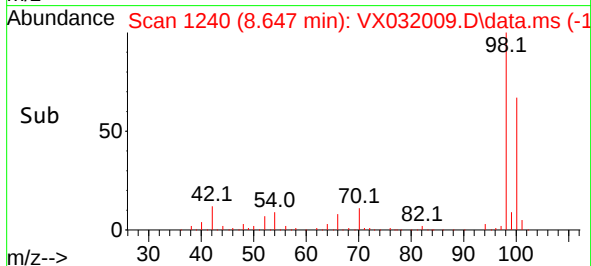
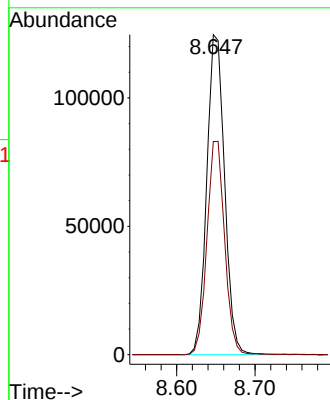
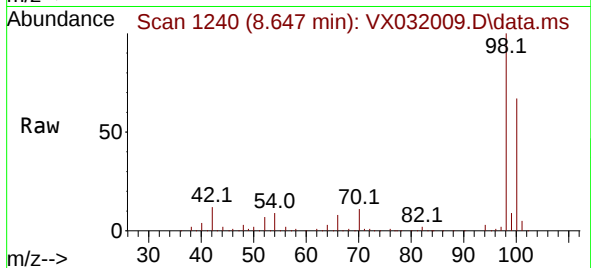
5869-3

Tgt Ion: 98 Resp: 196445

Ion Ratio Lower Upper

98 100

100 66.1 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 44.552 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032009.D

Acq: 10 Oct 2022 13:58

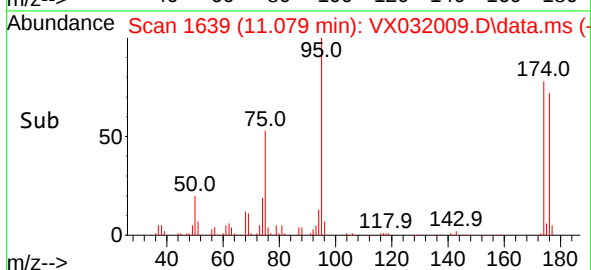
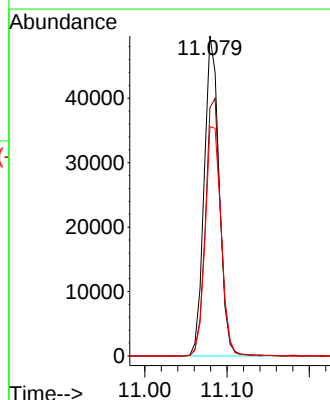
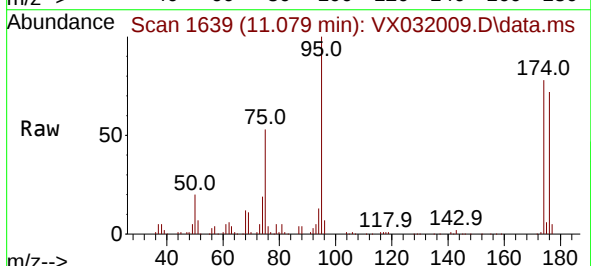
Tgt Ion: 95 Resp: 62838

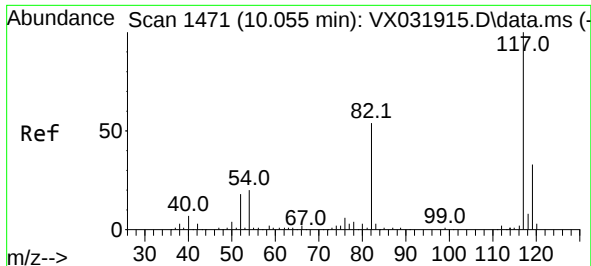
Ion Ratio Lower Upper

95 100

174 81.4 0.0 153.2

176 76.1 0.0 144.0

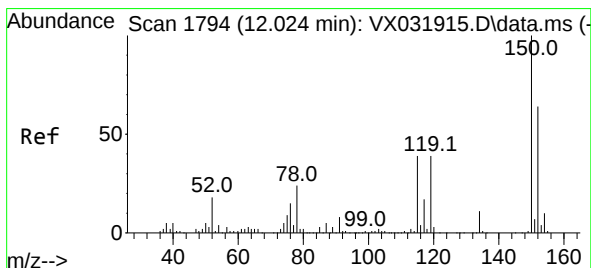
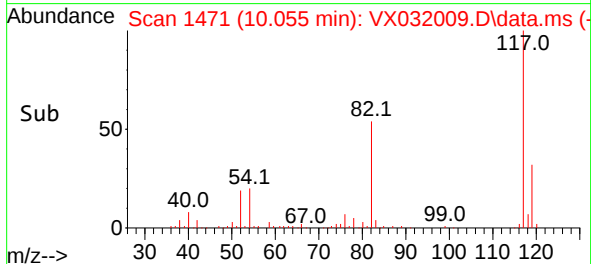
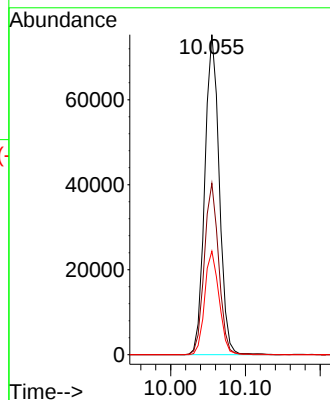
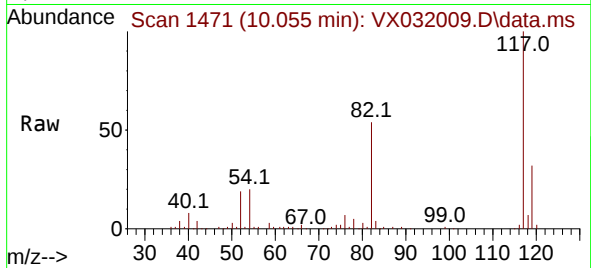




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032009.D
Acq: 10 Oct 2022 13:58

Instrument :
MSVOA_X
ClientSampleId :
5869-3

Tgt Ion:117 Resp: 100861
Ion Ratio Lower Upper
117 100
82 53.6 46.8 70.2
119 32.3 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032009.D
Acq: 10 Oct 2022 13:58

Tgt Ion:152 Resp: 57401
Ion Ratio Lower Upper
152 100
115 60.2 43.4 130.1
150 158.6 0.0 346.8

