

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102523\
 Data File : VD077416.D
 Acq On : 25 Oct 2023 16:07
 Operator : JC/SY
 Sample : 05010-03
 Misc : 5.23G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11985

Quant Time: Oct 26 07:01:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

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

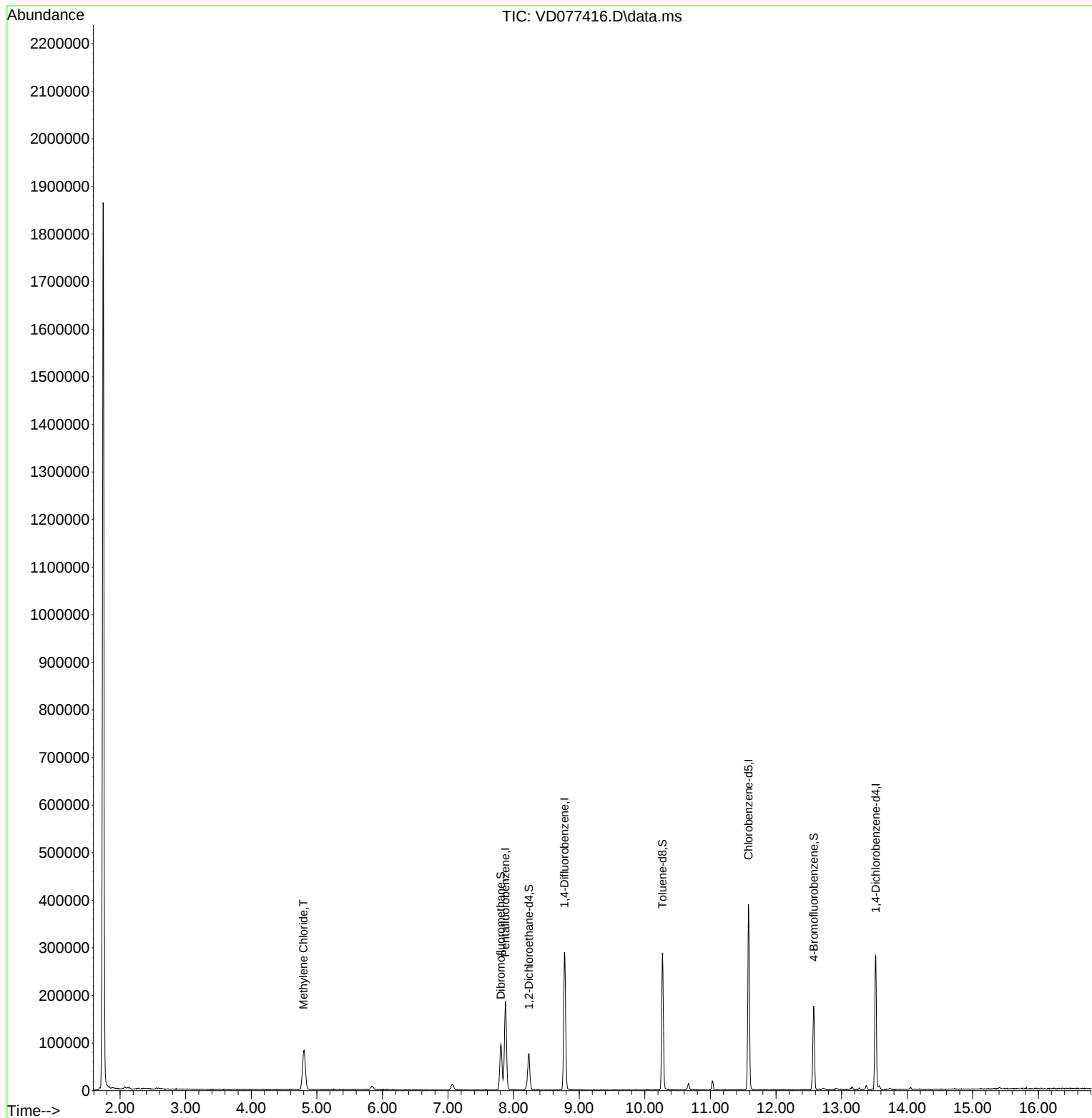
Internal Standards						
1) Pentafluorobenzene	7.875	168	149456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	280856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	246558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	84835	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	57370	42.988	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.980%
35) Dibromofluoromethane	7.805	113	72865	36.929	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	73.860%
50) Toluene-d8	10.269	98	210470	29.785	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	59.560%
62) 4-Bromofluorobenzene	12.575	95	52497	25.808	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	51.620%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.793	84	71786	39.530	ug/l	96

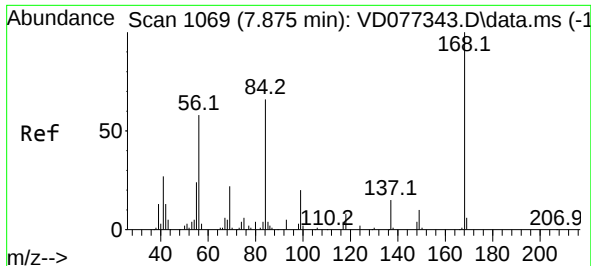
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102523\
Data File : VD077416.D
Acq On : 25 Oct 2023 16:07
Operator : JC/SY
Sample : 05010-03
Misc : 5.23G/5.0ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
72-11985

Quant Time: Oct 26 07:01:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 18 03:02:43 2023
Response via : Initial Calibration

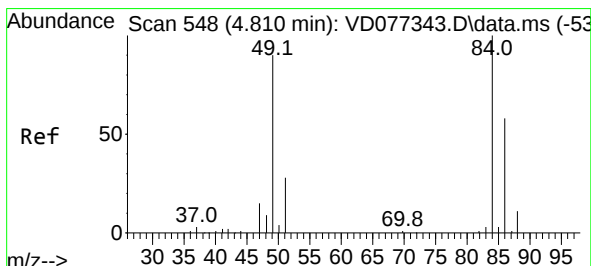
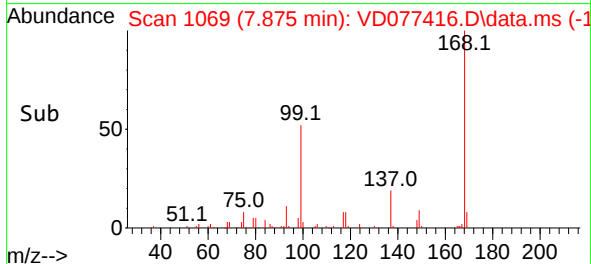
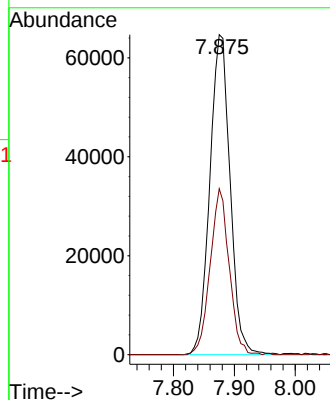
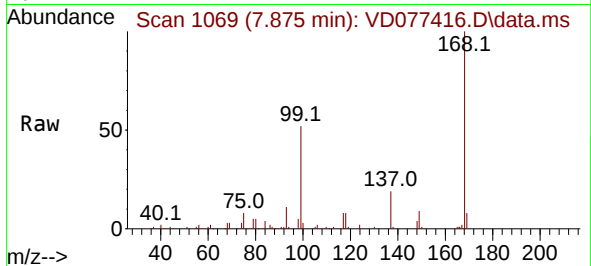




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077416.D
Acq: 25 Oct 2023 16:07

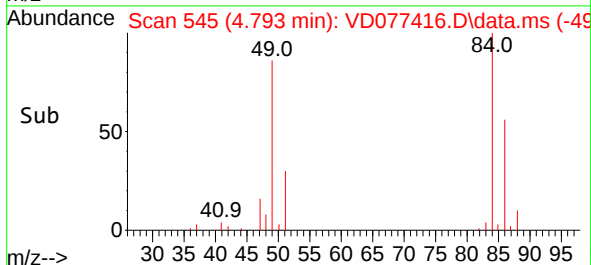
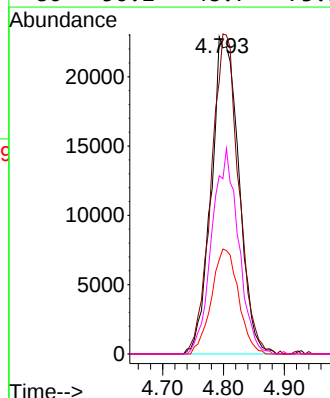
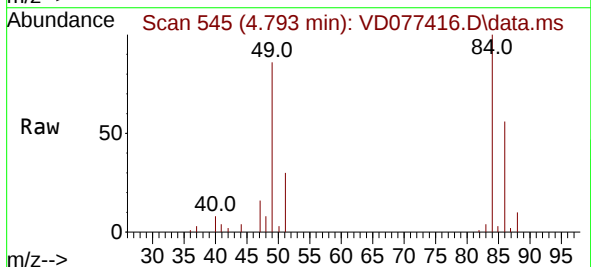
Instrument :
MSVOA_D
ClientSampleId :
72-11985

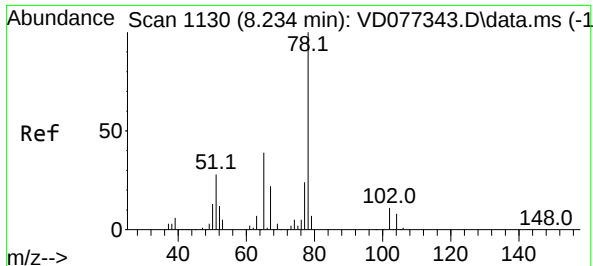
Tgt Ion:168 Resp: 149456
Ion Ratio Lower Upper
168 100
99 51.8 36.7 55.1



#20
Methylene Chloride
Concen: 39.530 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.017 min
Lab File: VD077416.D
Acq: 25 Oct 2023 16:07

Tgt Ion: 84 Resp: 71786
Ion Ratio Lower Upper
84 100
49 85.9 71.4 107.2
51 29.7 24.5 36.7
86 56.2 48.7 73.1





#33

1,2-Dichloroethane-d4

Concen: 42.988 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD077416.D

Acq: 25 Oct 2023 16:07

Instrument :

MSVOA_D

ClientSampleId :

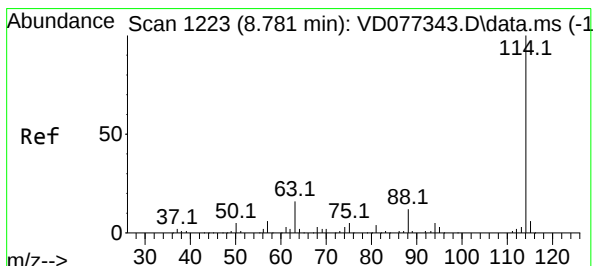
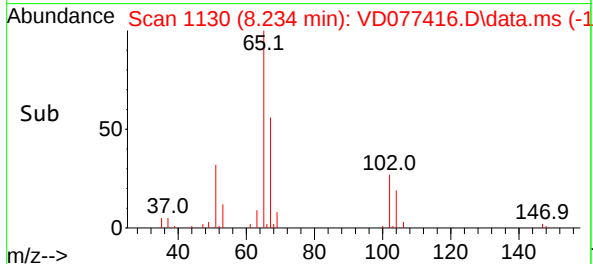
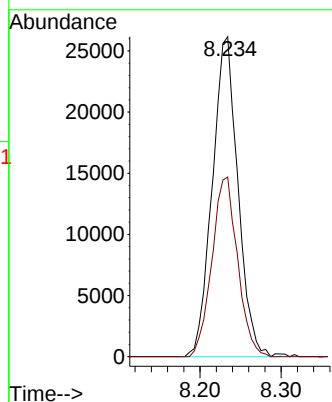
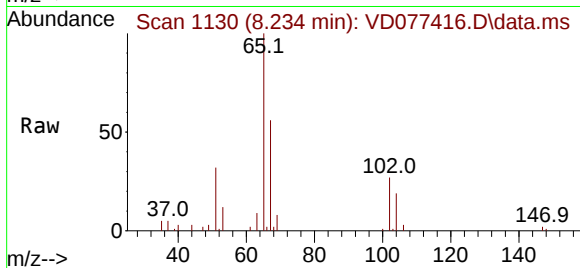
72-11985

Tgt Ion: 65 Resp: 57370

Ion Ratio Lower Upper

65 100

67 56.2 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD077416.D

Acq: 25 Oct 2023 16:07

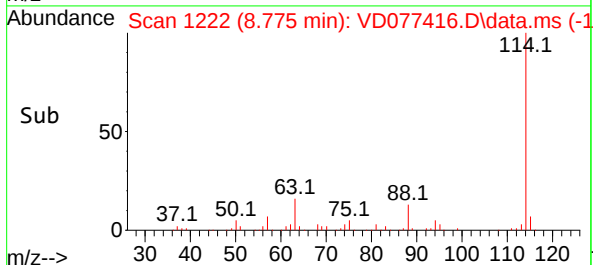
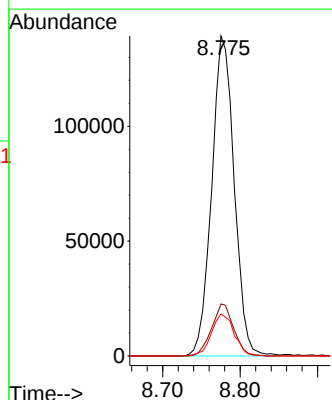
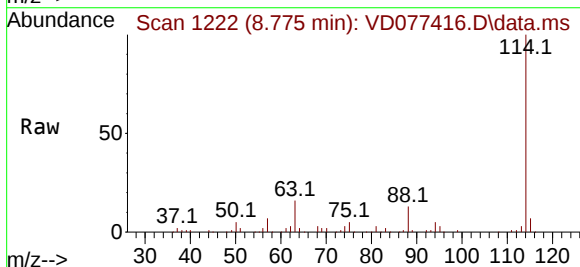
Tgt Ion: 114 Resp: 280856

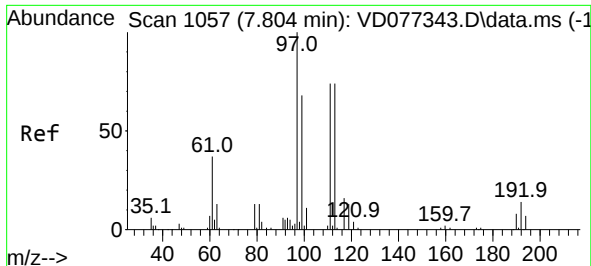
Ion Ratio Lower Upper

114 100

63 16.3 0.0 33.4

88 13.2 0.0 26.2

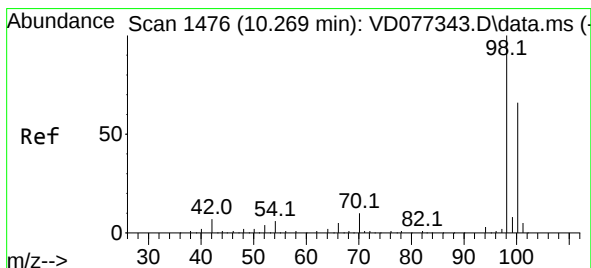
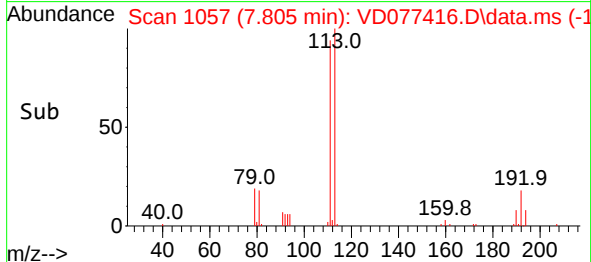
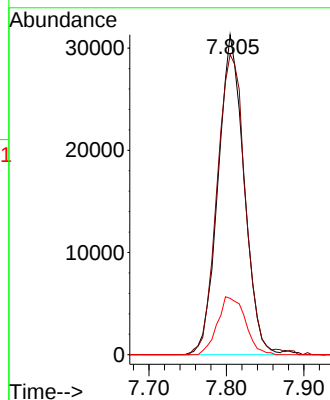
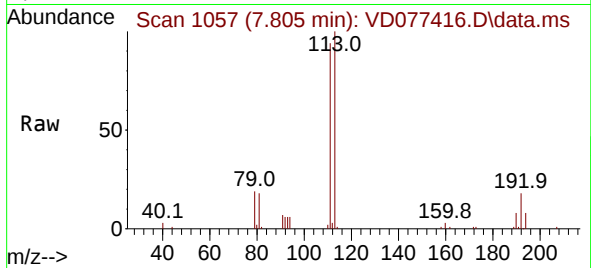




#35
Dibromofluoromethane
Concen: 36.929 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.001 min
Lab File: VD077416.D
Acq: 25 Oct 2023 16:07

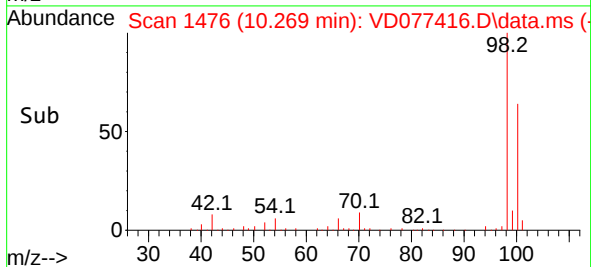
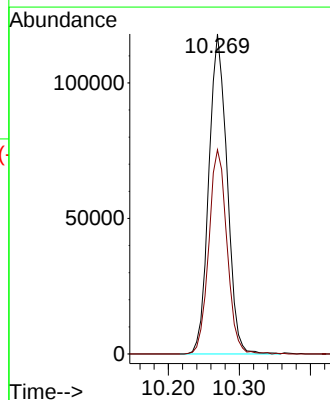
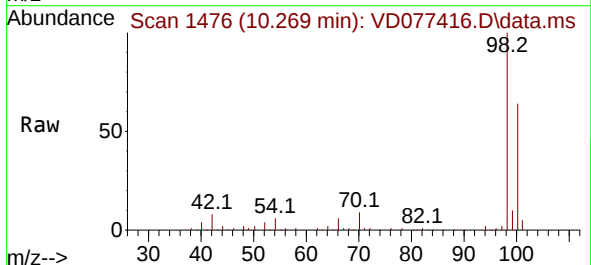
Instrument :
MSVOA_D
ClientSampleId :
72-11985

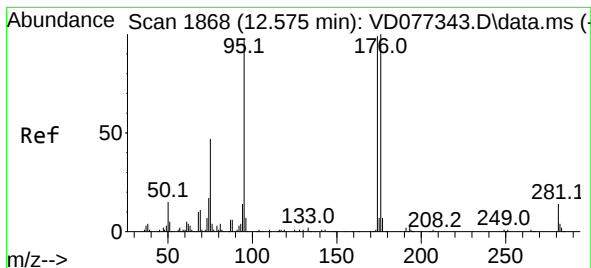
Tgt Ion:113 Resp: 72865
Ion Ratio Lower Upper
113 100
111 101.5 84.7 127.1
192 19.4 16.8 25.2



#50
Toluene-d8
Concen: 29.785 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077416.D
Acq: 25 Oct 2023 16:07

Tgt Ion: 98 Resp: 210470
Ion Ratio Lower Upper
98 100
100 63.7 50.3 75.5

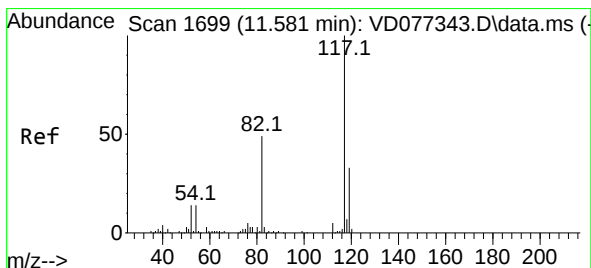
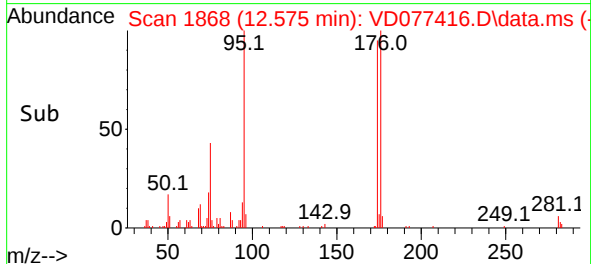
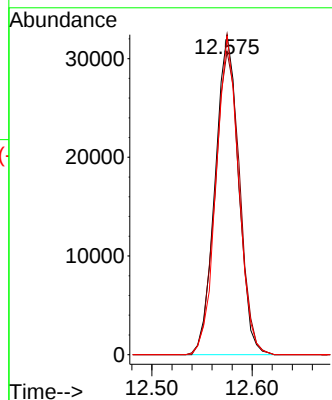
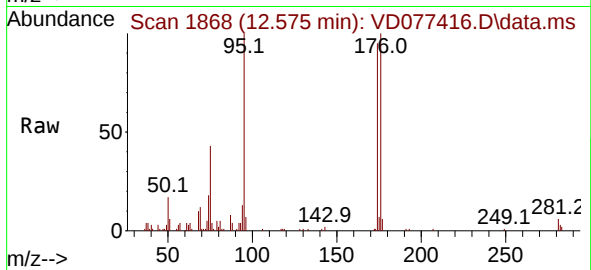




#62
4-Bromofluorobenzene
Concen: 25.808 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077416.D
Acq: 25 Oct 2023 16:07

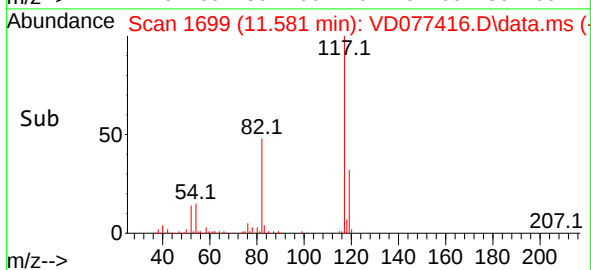
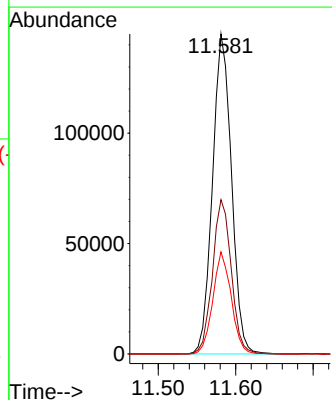
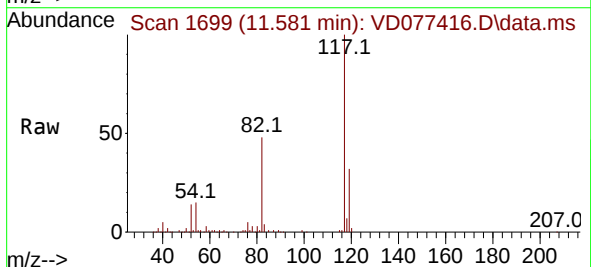
Instrument :
MSVOA_D
ClientSampleId :
72-11985

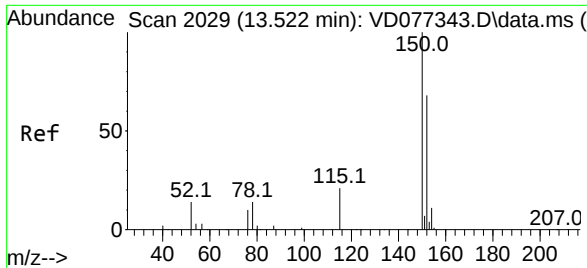
Tgt Ion: 95 Resp: 52497
Ion Ratio Lower Upper
95 100
174 99.3 0.0 201.8
176 96.2 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077416.D
Acq: 25 Oct 2023 16:07

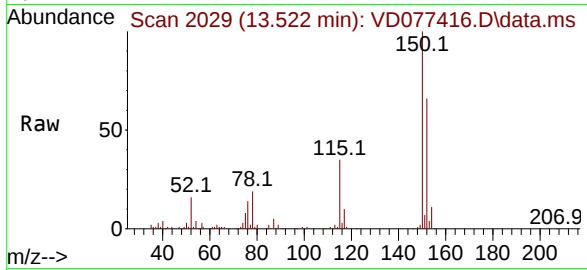
Tgt Ion: 117 Resp: 246558
Ion Ratio Lower Upper
117 100
82 48.2 38.3 57.5
119 31.9 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD077416.D
 Acq: 25 Oct 2023 16:07

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11985



Tgt Ion:152 Resp: 84835
 Ion Ratio Lower Upper
 152 100
 115 52.5 27.1 81.3
 150 155.6 0.0 353.6

