

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102523\
 Data File : VD077410.D
 Acq On : 25 Oct 2023 13:25
 Operator : JC/SY
 Sample : 05025-01RE
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-10232023-ARE

Quant Time: Oct 25 16:11:50 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)

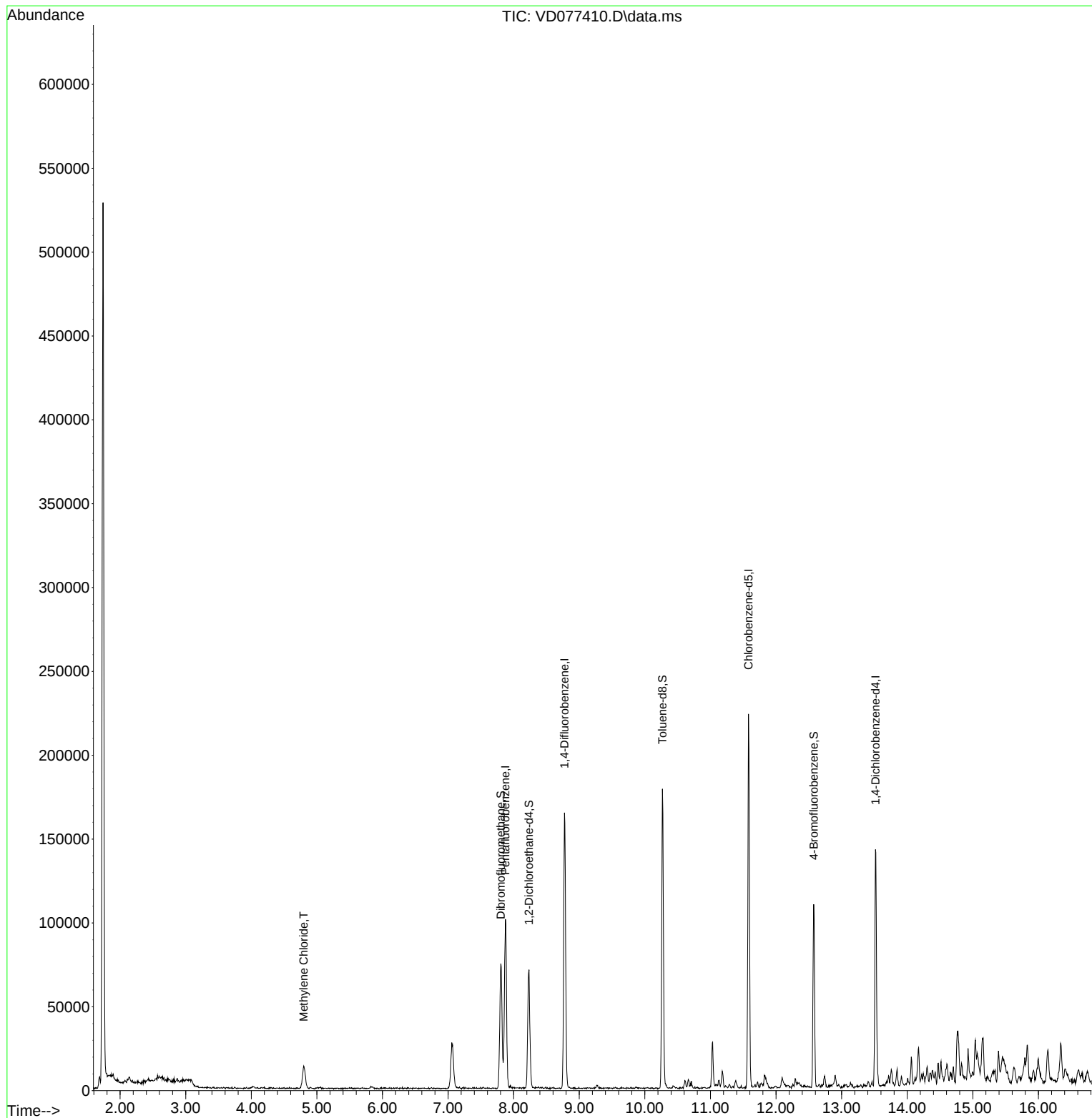
Internal Standards						
1) Pentafluorobenzene	7.875	168	81445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	158415	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	133529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	41803	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	55643	76.511	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	153.020%
35) Dibromofluoromethane	7.804	113	56494	50.761	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.520%
50) Toluene-d8	10.269	98	126311	31.690	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	63.380%
62) 4-Bromofluorobenzene	12.575	95	33047	28.803	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	57.600%
Target Compounds						
20) Methylene Chloride	4.799	84	11425	7.811	ug/l	91

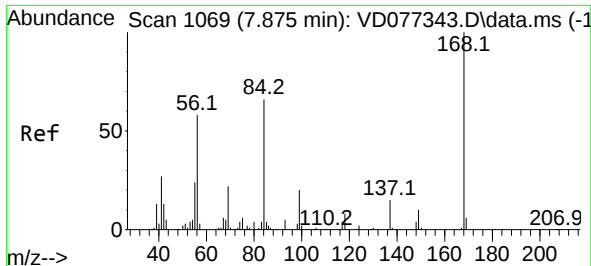
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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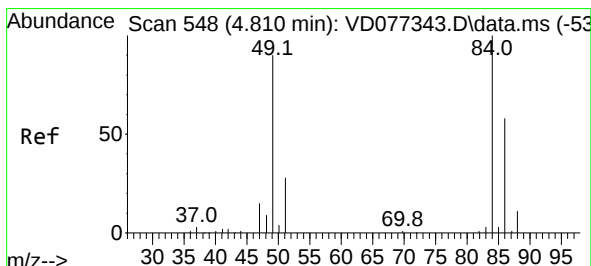
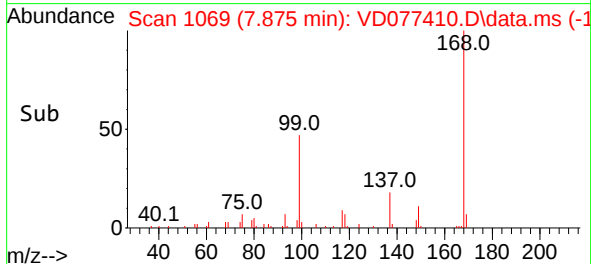
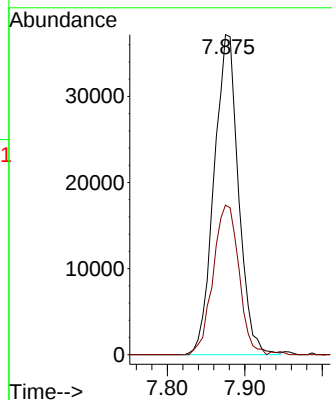
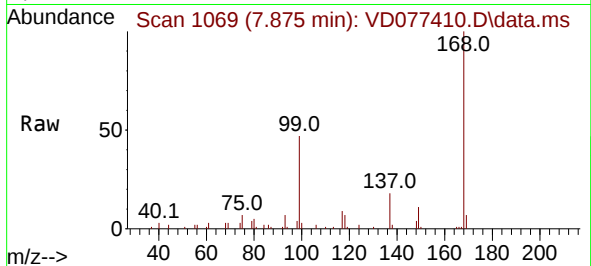




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077410.D
Acq: 25 Oct 2023 13:25

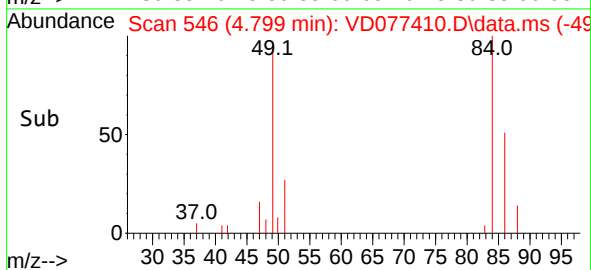
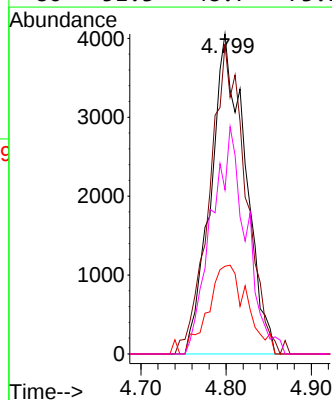
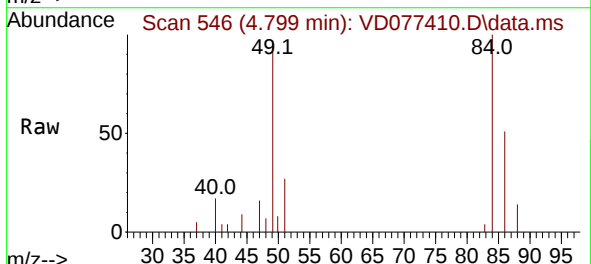
Instrument :
MSVOA_D
ClientSampleId :
EO-01-10232023-ARE

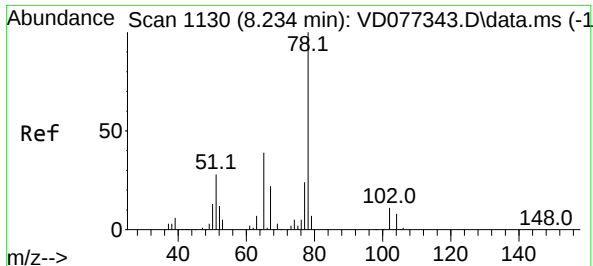
Tgt Ion:168 Resp: 81445
Ion Ratio Lower Upper
168 100
99 46.7 36.7 55.1



#20
Methylene Chloride
Concen: 7.811 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.011 min
Lab File: VD077410.D
Acq: 25 Oct 2023 13:25

Tgt Ion: 84 Resp: 11425
Ion Ratio Lower Upper
84 100
49 96.8 71.4 107.2
51 27.4 24.5 36.7
86 51.3 48.7 73.1





#33

1,2-Dichloroethane-d4

Concen: 76.511 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD077410.D

Acq: 25 Oct 2023 13:25

Instrument :

MSVOA_D

ClientSampleId :

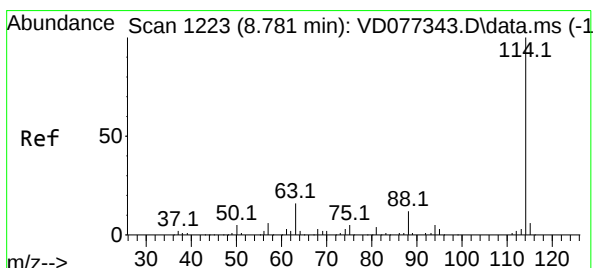
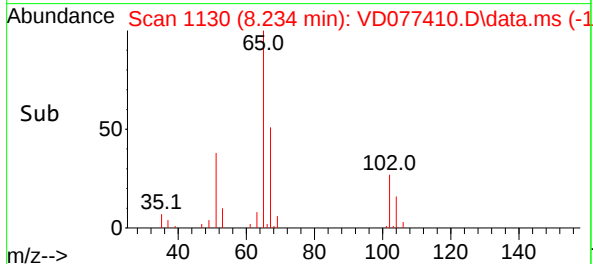
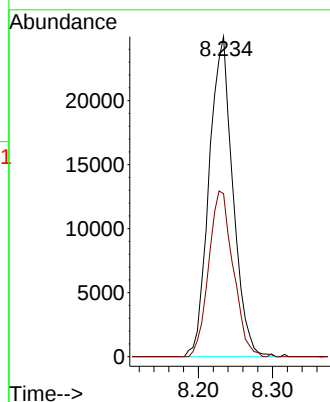
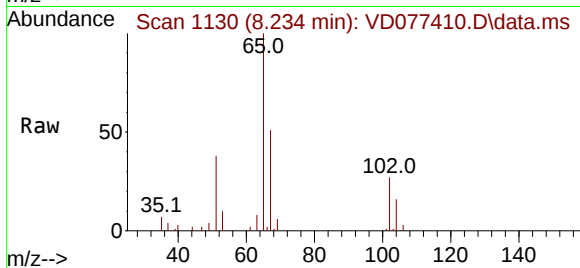
EO-01-10232023-ARE

Tgt Ion: 65 Resp: 55643

Ion Ratio Lower Upper

65 100

67 53.2 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: VD077410.D

Acq: 25 Oct 2023 13:25

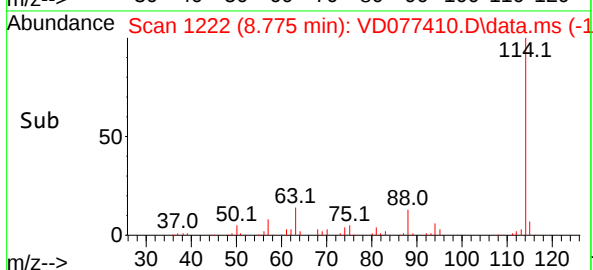
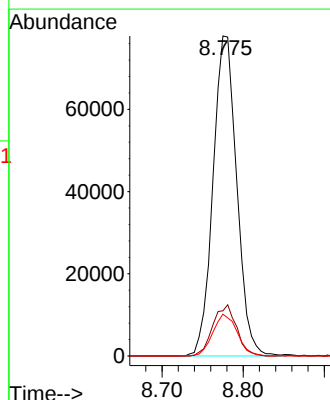
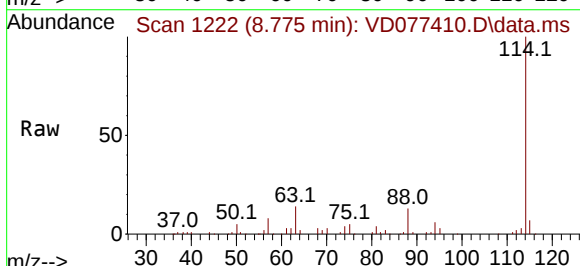
Tgt Ion: 114 Resp: 158415

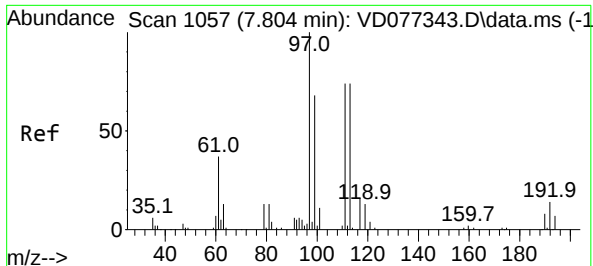
Ion Ratio Lower Upper

114 100

63 14.1 0.0 33.4

88 13.1 0.0 26.2





#35

Dibromofluoromethane

Concen: 50.761 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077410.D

Acq: 25 Oct 2023 13:25

Instrument :

MSVOA_D

ClientSampleId :

EO-01-10232023-ARE

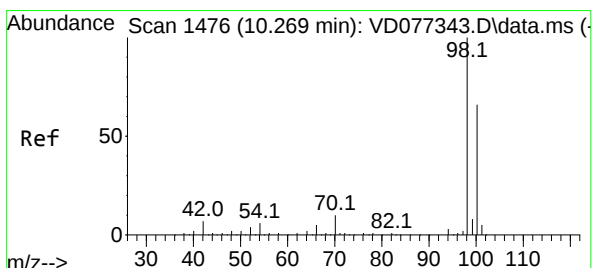
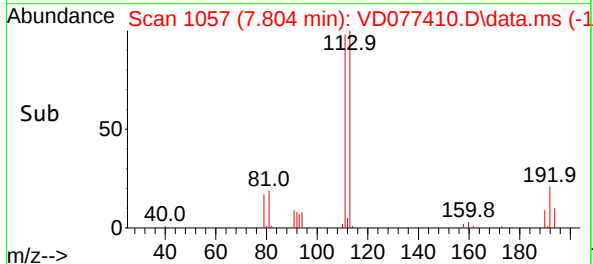
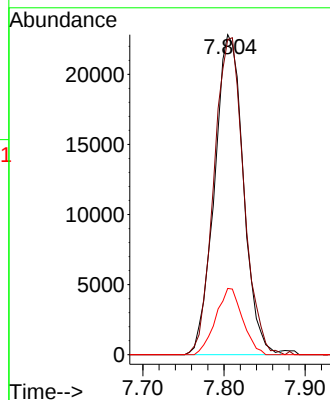
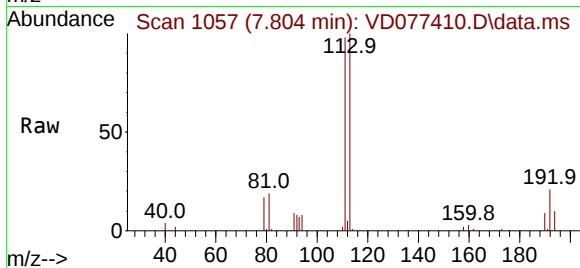
Tgt Ion:113 Resp: 56494

Ion Ratio Lower Upper

113 100

111 101.8 84.7 127.1

192 19.2 16.8 25.2



#50

Toluene-d8

Concen: 31.690 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077410.D

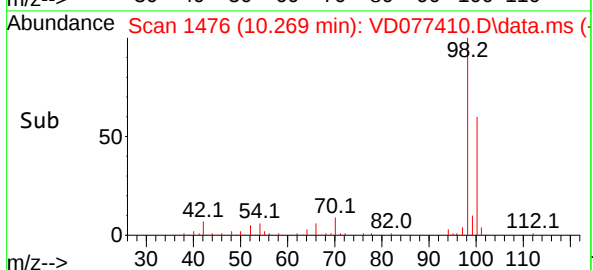
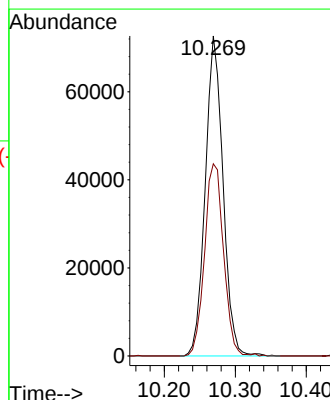
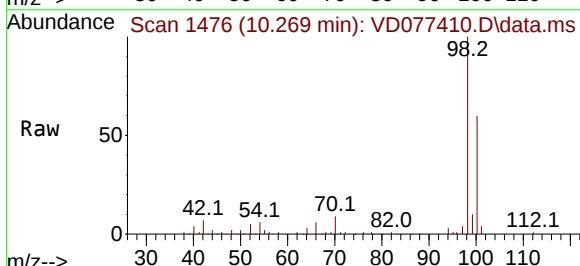
Acq: 25 Oct 2023 13:25

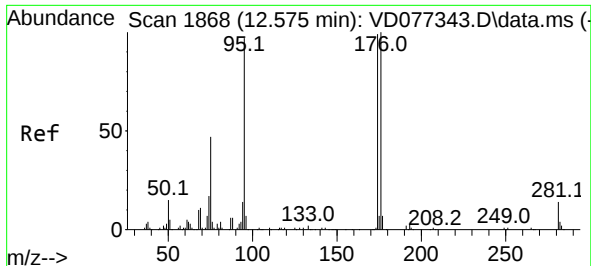
Tgt Ion: 98 Resp: 126311

Ion Ratio Lower Upper

98 100

100 64.3 50.3 75.5

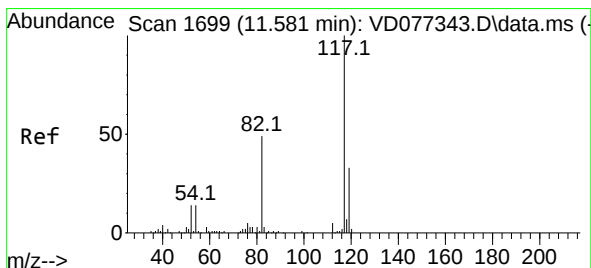
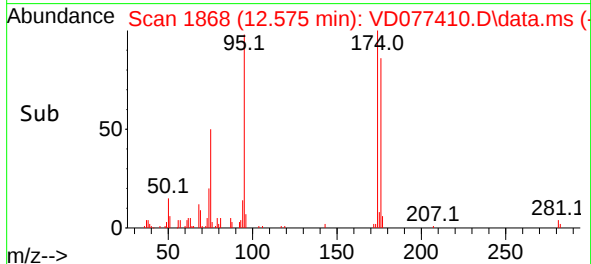
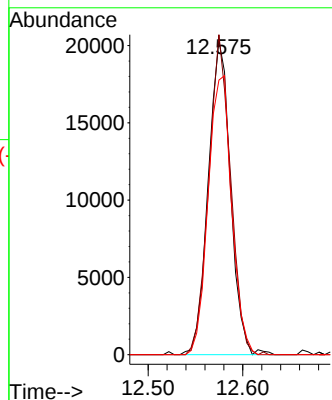
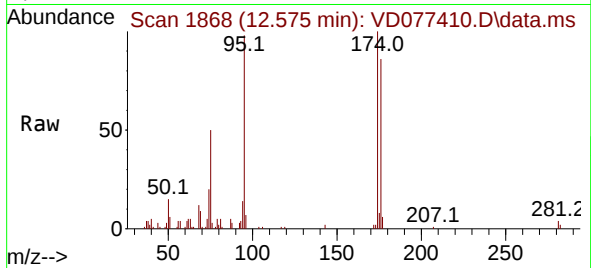




#62
4-Bromofluorobenzene
Concen: 28.803 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077410.D
Acq: 25 Oct 2023 13:25

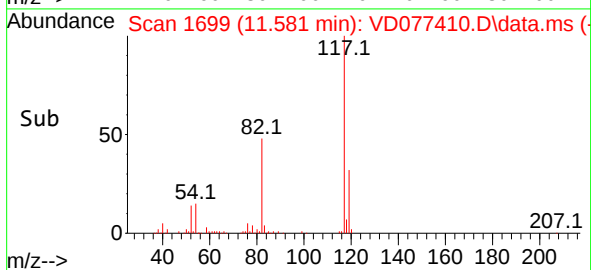
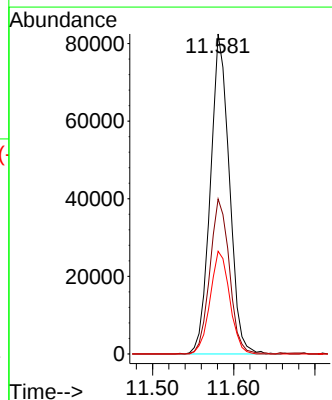
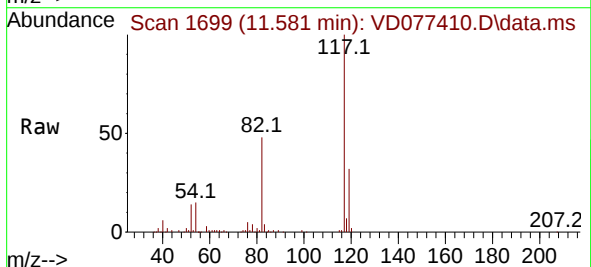
Instrument :
MSVOA_D
ClientSampleId :
EO-01-10232023-ARE

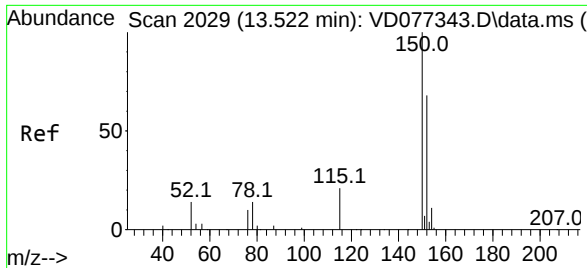
Tgt Ion:	95	Resp:	33047
Ion Ratio	Lower	Upper	
95	100		
174	100.3	0.0	201.8
176	94.2	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077410.D
Acq: 25 Oct 2023 13:25

Tgt Ion:	117	Resp:	133529
Ion Ratio	Lower	Upper	
117	100		
82	48.3	38.3	57.5
119	32.1	25.0	37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. -0.006 min

Lab File: VD077410.D

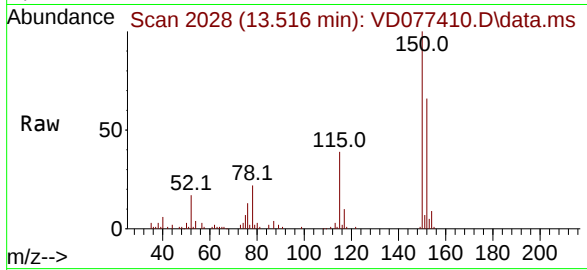
Acq: 25 Oct 2023 13:25

Instrument :

MSVOA_D

ClientSampleId :

EO-01-10232023-ARE



Tgt Ion:152 Resp: 41803

Ion Ratio Lower Upper

152 100

115 55.4 27.1 81.3

150 153.9 0.0 353.6

