

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021924\
 Data File : VD078466.D
 Acq On : 19 Feb 2024 16:24
 Operator : RP/MD
 Sample : P1509-11RE
 Misc : 5.03G/8ml/MSVOA_D/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-191-GW-848-850RE

Quant Time: Feb 19 16:26:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

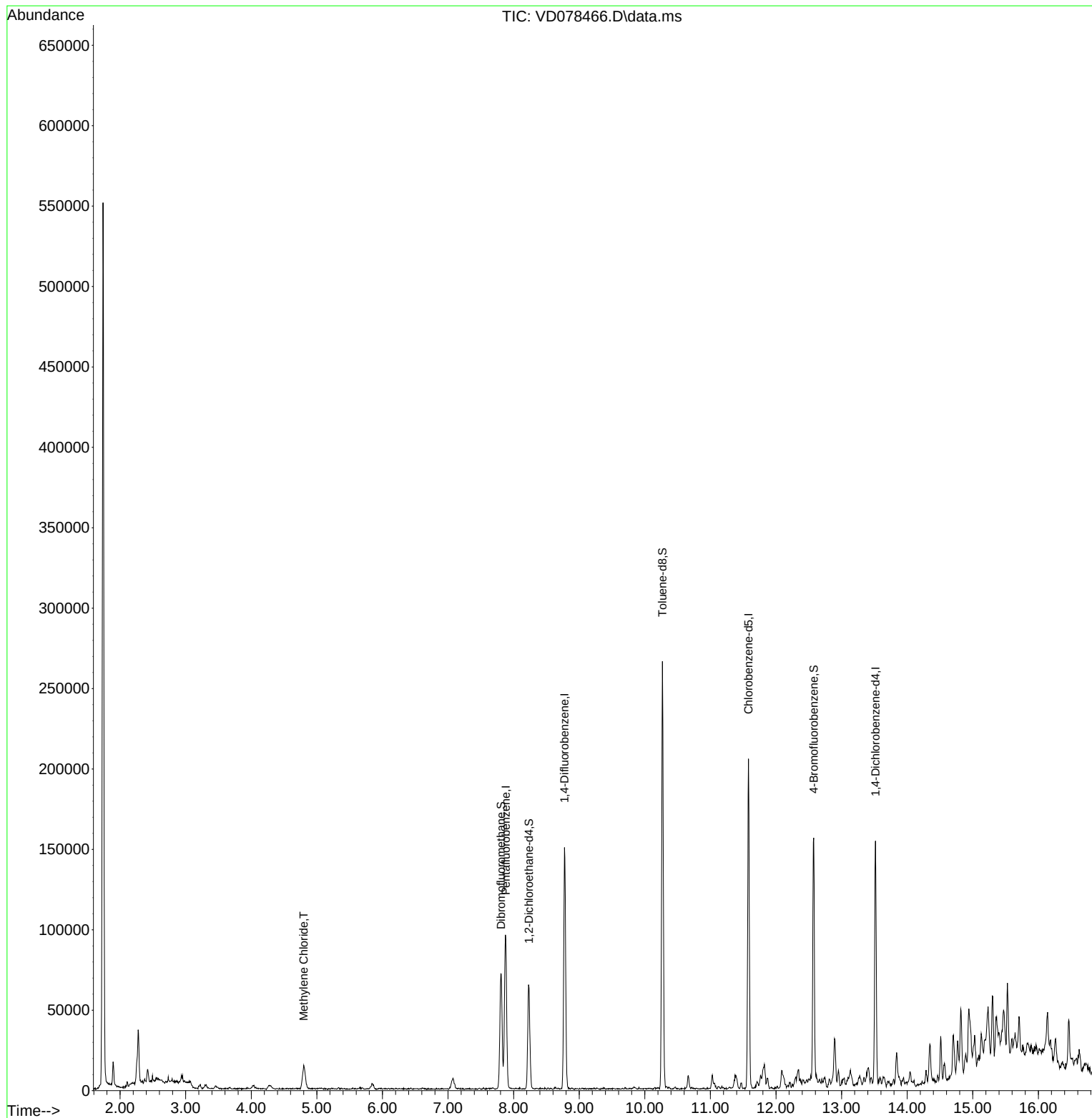
Internal Standards						
1) Pentafluorobenzene	7.881	168	74514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	136769	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	120000	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	42375	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	49927	61.969	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 123.940%		
35) Dibromofluoromethane	7.810	113	54671	62.928	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 125.860%		
50) Toluene-d8	10.269	98	180893	52.050	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 104.100%		
62) 4-Bromofluorobenzene	12.575	95	45415	44.905	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 89.820%		
Target Compounds						Qvalue
20) Methylene Chloride	4.799	84	11558	10.205	ug/l	# 78

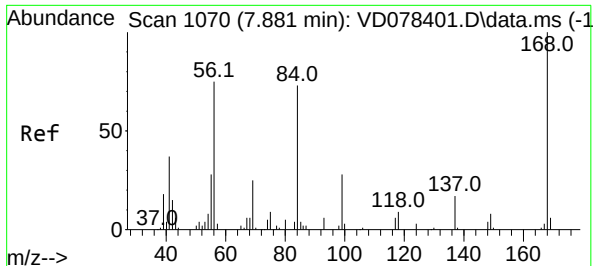
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021924\
Data File : VD078466.D
Acq On : 19 Feb 2024 16:24
Operator : RP/MD
Sample : P1509-11RE
Misc : 5.03G/8ml/MSVOA_D/SOIL/B
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-848-850RE

Quant Time: Feb 19 16:26:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration

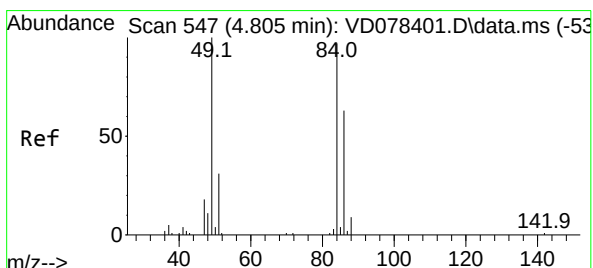
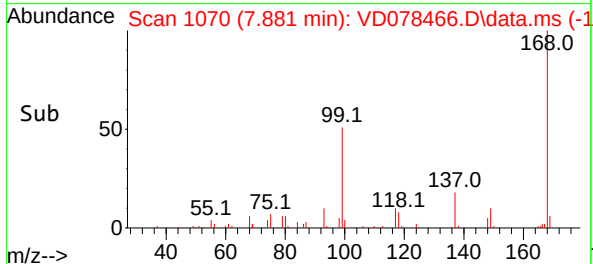
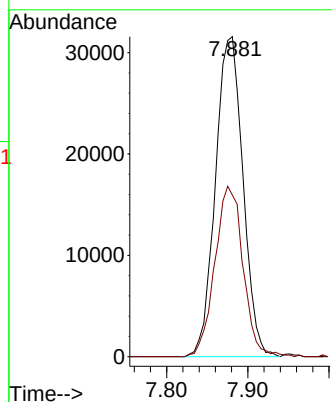
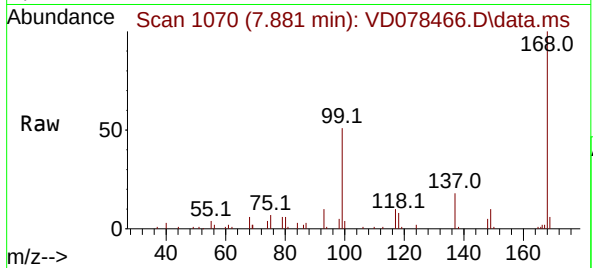




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078466.D
Acq: 19 Feb 2024 16:24

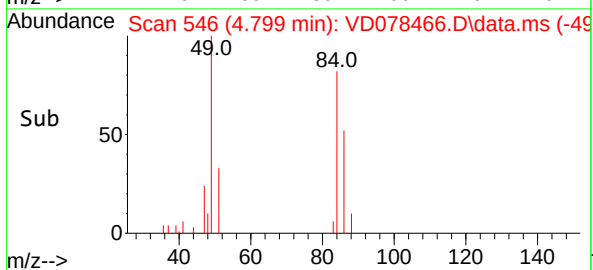
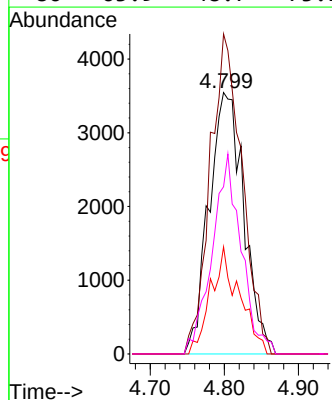
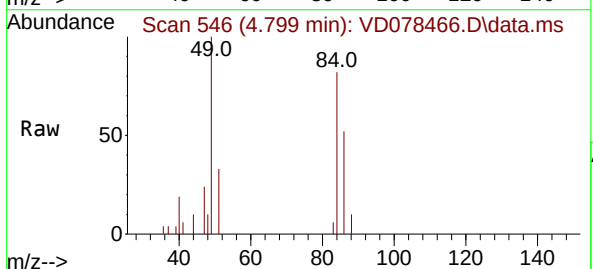
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-848-850RE

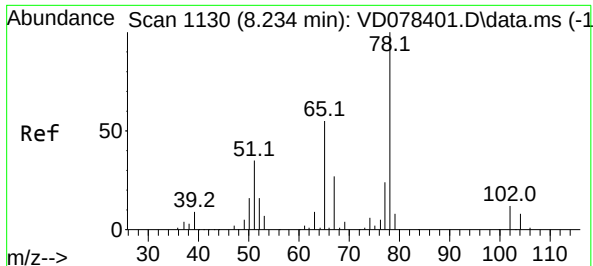
Tgt Ion:168 Resp: 74514
Ion Ratio Lower Upper
168 100
99 50.5 36.7 55.1



#20
Methylene Chloride
Concen: 10.205 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD078466.D
Acq: 19 Feb 2024 16:24

Tgt Ion: 84 Resp: 11558
Ion Ratio Lower Upper
84 100
49 122.4 71.4 107.2#
51 40.9 24.5 36.7#
86 63.9 48.7 73.1





#33

1,2-Dichloroethane-d4

Concen: 61.969 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078466.D

Acq: 19 Feb 2024 16:24

Instrument :

MSVOA_D

ClientSampleId :

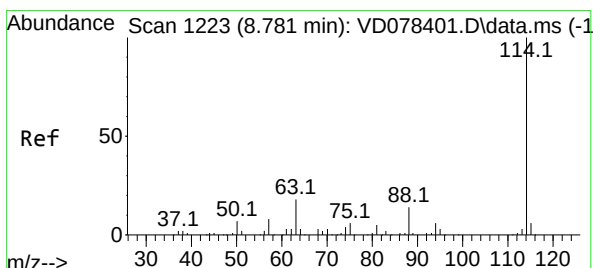
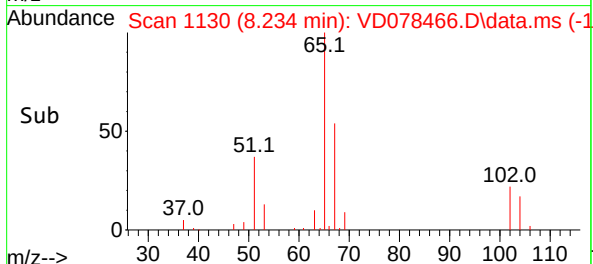
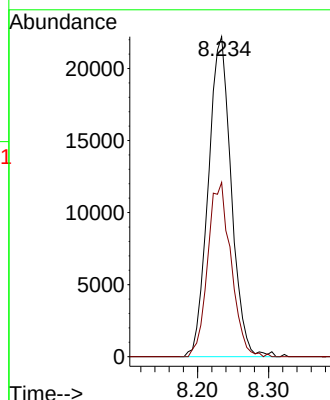
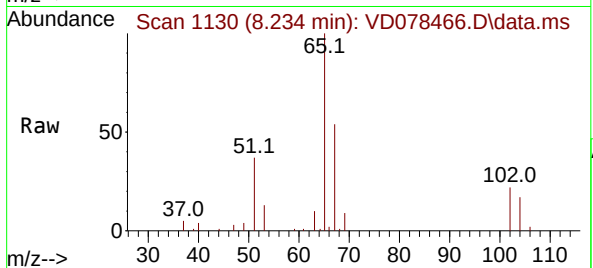
BP-VPB-191-GW-848-850RE

Tgt Ion: 65 Resp: 49927

Ion Ratio Lower Upper

65 100

67 55.1 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: VD078466.D

Acq: 19 Feb 2024 16:24

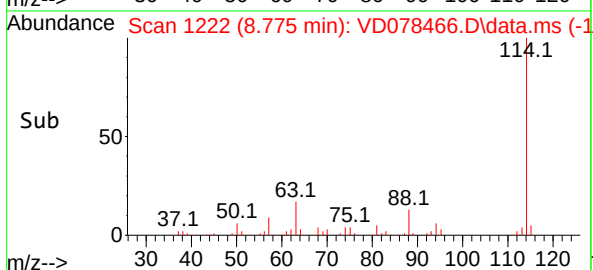
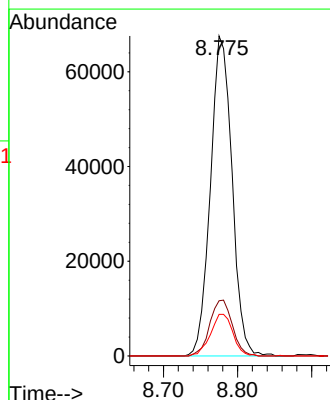
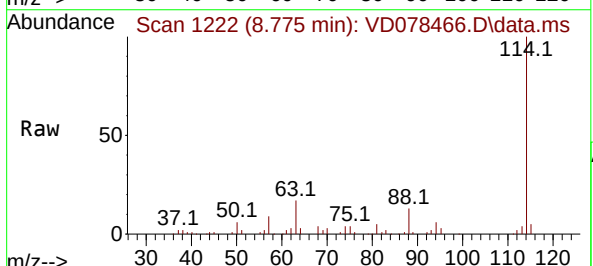
Tgt Ion: 114 Resp: 136769

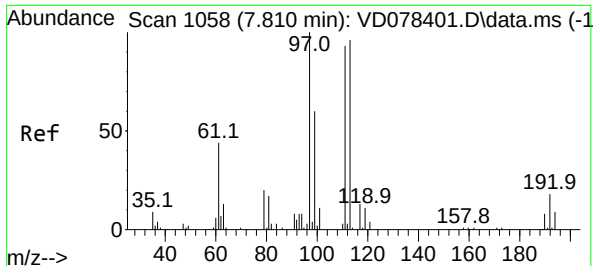
Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.4

88 13.0 0.0 26.2





#35

Dibromofluoromethane

Concen: 62.928 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078466.D

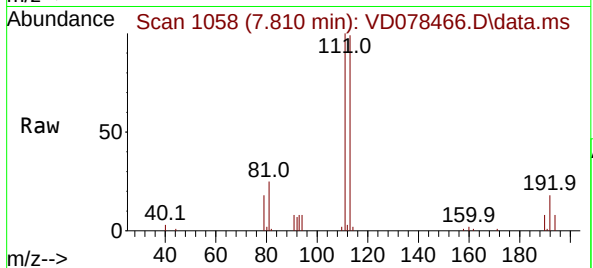
Acq: 19 Feb 2024 16:24

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-191-GW-848-850RE



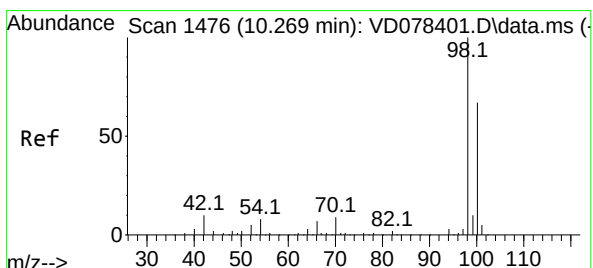
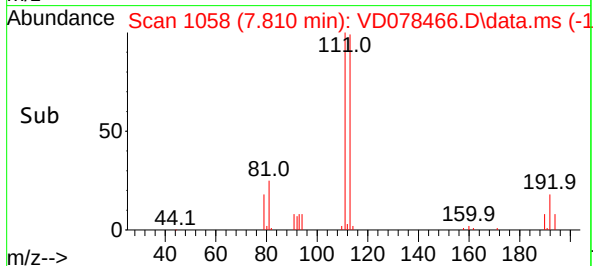
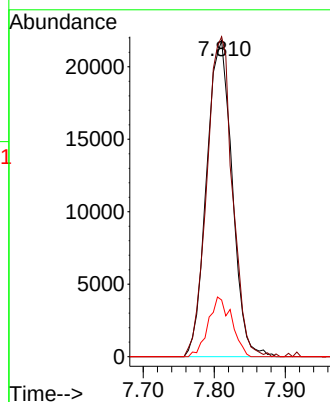
Tgt Ion:113 Resp: 54671

Ion Ratio Lower Upper

113 100

111 101.1 84.7 127.1

192 17.2 16.8 25.2



#50

Toluene-d8

Concen: 52.050 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078466.D

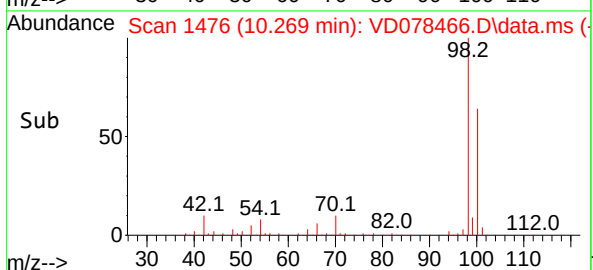
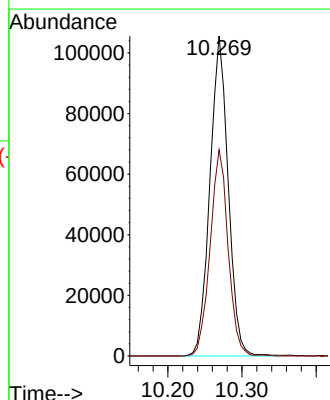
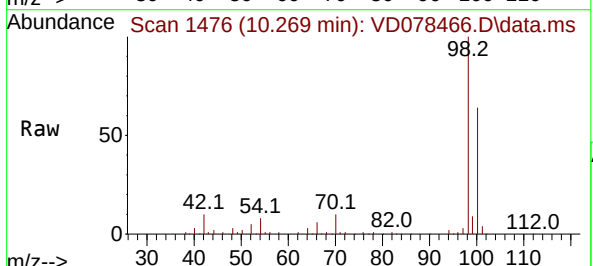
Acq: 19 Feb 2024 16:24

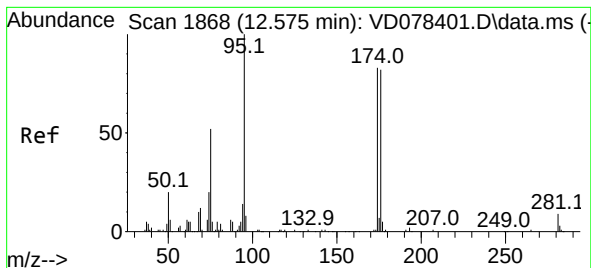
Tgt Ion: 98 Resp: 180893

Ion Ratio Lower Upper

98 100

100 63.5 50.3 75.5

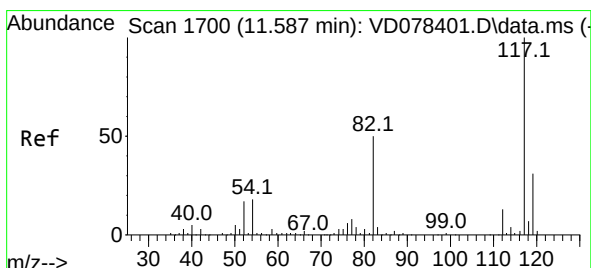
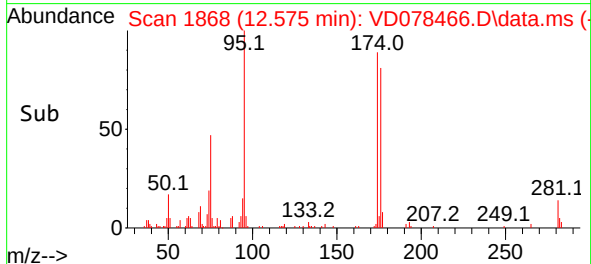
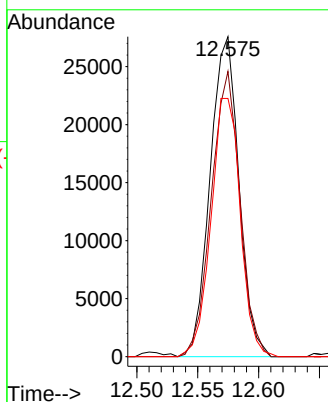
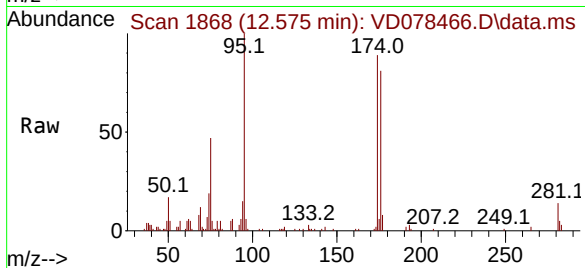




#62
4-Bromofluorobenzene
Concen: 44.905 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078466.D
Acq: 19 Feb 2024 16:24

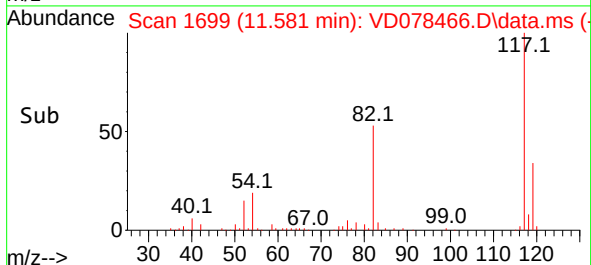
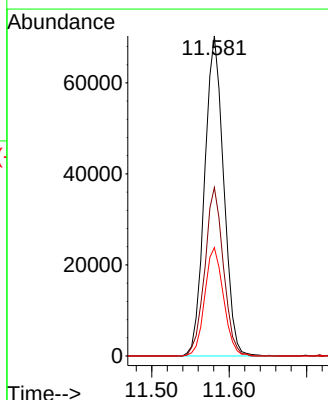
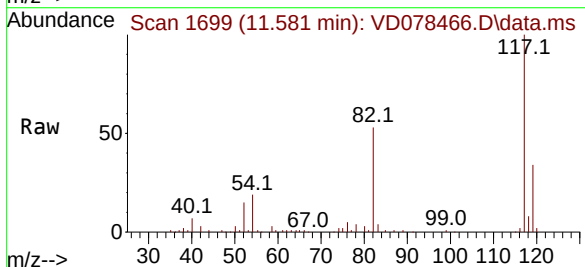
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-848-850RE

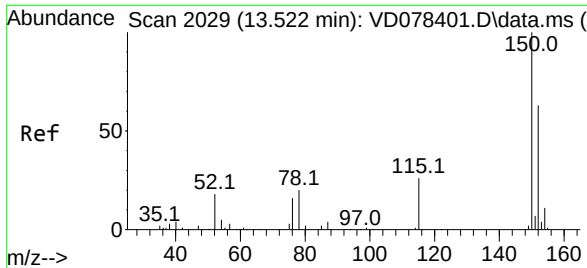
Tgt Ion:	95	Resp:	45415
Ion	Ratio	Lower	Upper
95	100		
174	88.7	0.0	201.8
176	82.2	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078466.D
Acq: 19 Feb 2024 16:24

Tgt Ion:	117	Resp:	120000
Ion	Ratio	Lower	Upper
117	100		
82	52.7	38.3	57.5
119	33.8	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: VD078466.D

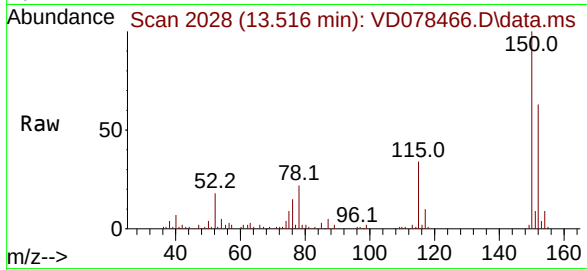
Acq: 19 Feb 2024 16:24

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-191-GW-848-850RE



Tgt Ion:152 Resp: 42375

Ion Ratio Lower Upper

152 100

115 53.8 27.1 81.3

150 152.1 0.0 353.6

