

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080624\
 Data File : VD079626.D
 Acq On : 06 Aug 2024 16:43
 Operator : RP/MD
 Sample : P3448-07RE
 Misc : 5.32G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP4RE

Quant Time: Aug 06 18:06:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

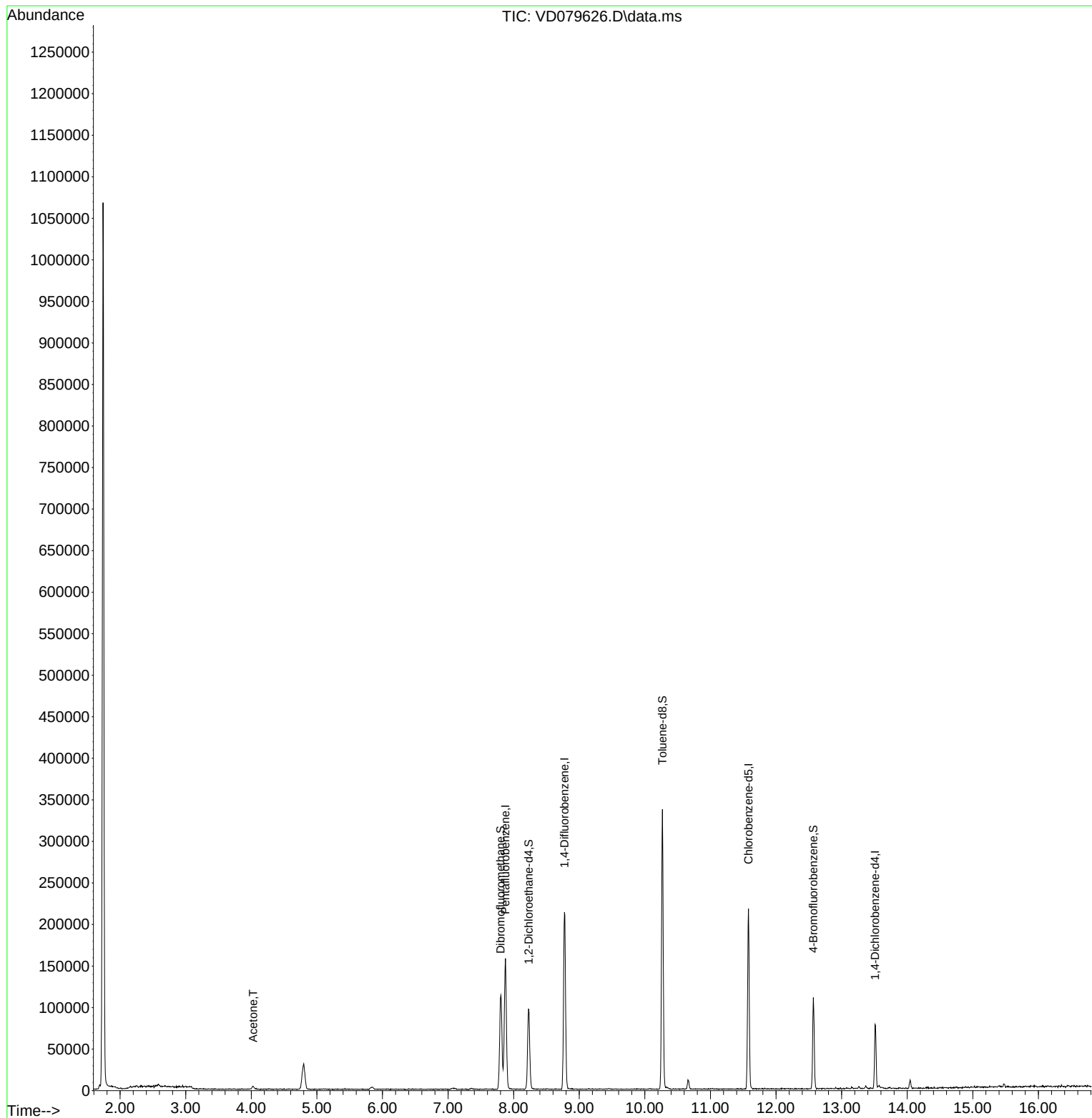
Internal Standards						
1) Pentafluorobenzene	7.875	168	121032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	200760	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	127907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	22268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	73968	60.158	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.320%
35) Dibromofluoromethane	7.799	113	85712	63.077	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	126.160%
50) Toluene-d8	10.269	98	233326	44.217	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.440%
62) 4-Bromofluorobenzene	12.569	95	29698	19.448	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	38.900%
Target Compounds						
16) Acetone	4.028	43	5591	23.398	ug/l	Qvalue 99

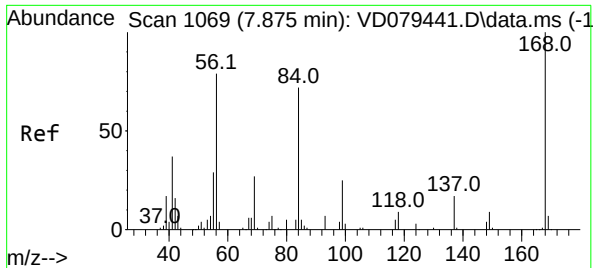
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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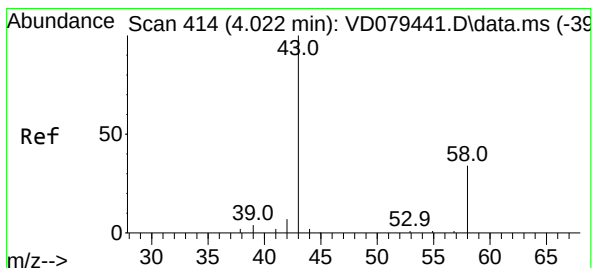
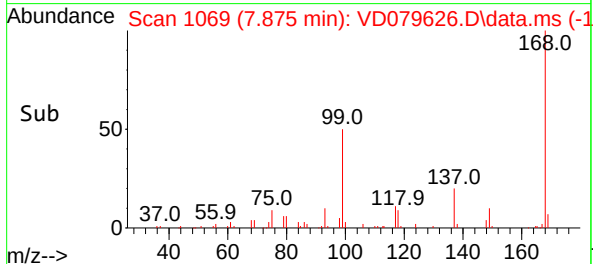
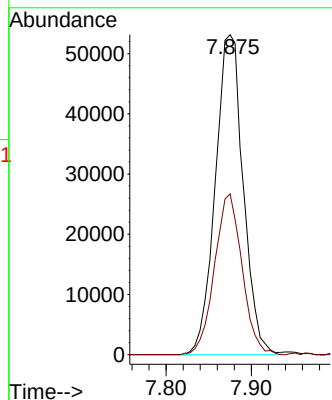
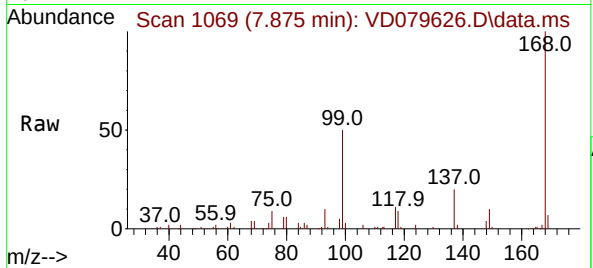




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079626.D
Acq: 06 Aug 2024 16:43

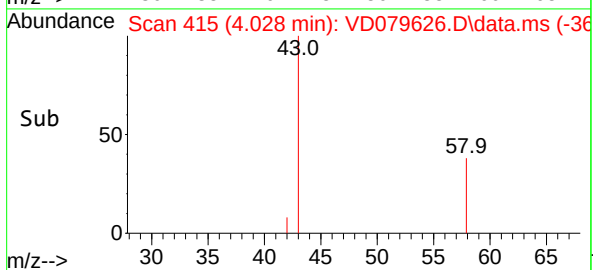
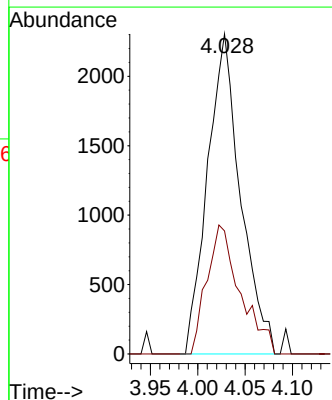
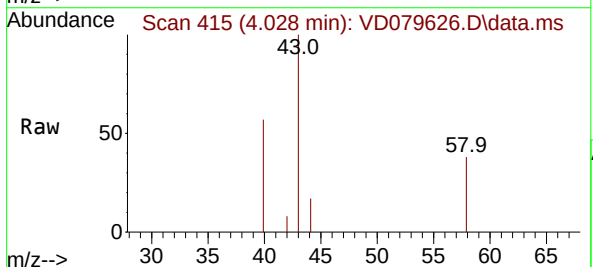
Instrument :
MSVOA_D
ClientSampleId :
TP4RE

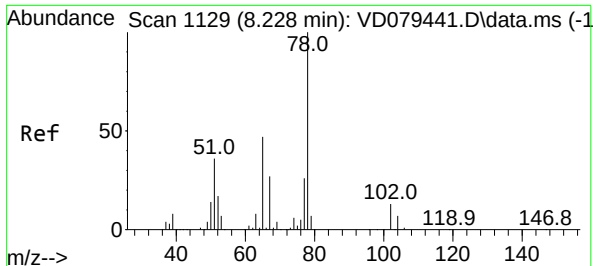
Tgt Ion:168 Resp: 121032
Ion Ratio Lower Upper
168 100
99 50.3 41.1 61.7



#16
Acetone
Concen: 23.398 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD079626.D
Acq: 06 Aug 2024 16:43

Tgt Ion: 43 Resp: 5591
Ion Ratio Lower Upper
43 100
58 38.4 30.4 45.6





#33

1,2-Dichloroethane-d4

Concen: 60.158 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079626.D

Acq: 06 Aug 2024 16:43

Instrument :

MSVOA_D

ClientSampleId :

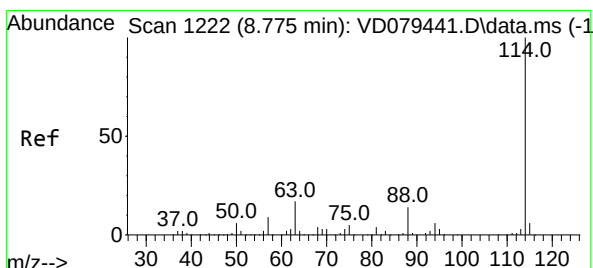
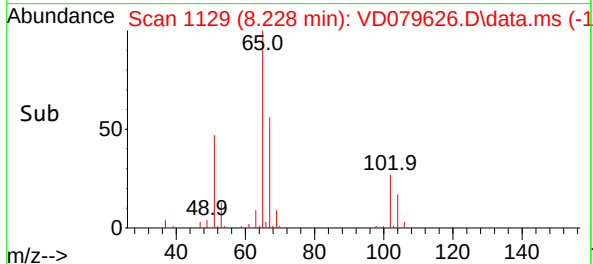
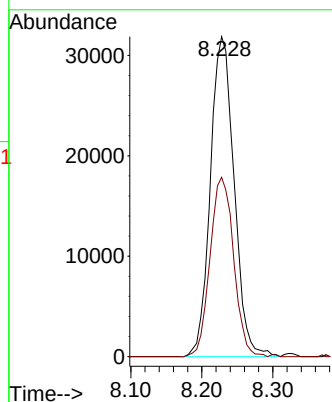
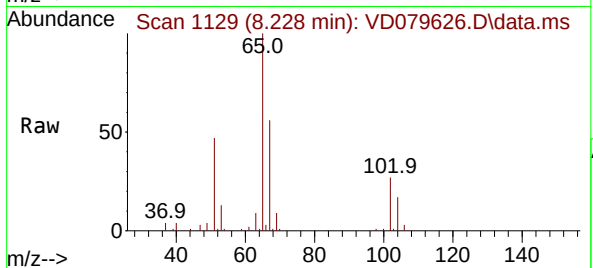
TP4RE

Tgt Ion: 65 Resp: 73968

Ion Ratio Lower Upper

65 100

67 55.6 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079626.D

Acq: 06 Aug 2024 16:43

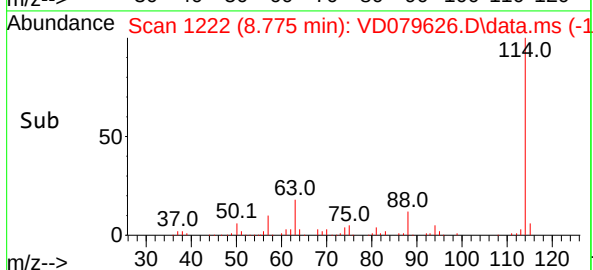
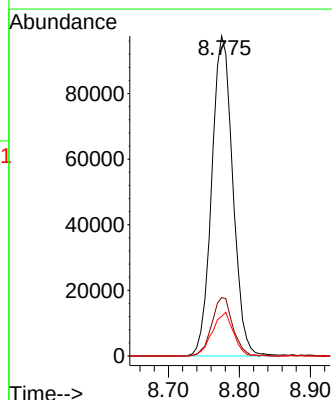
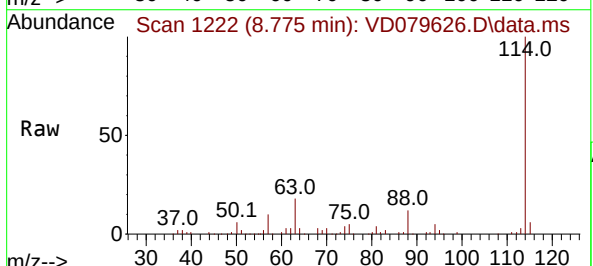
Tgt Ion: 114 Resp: 200760

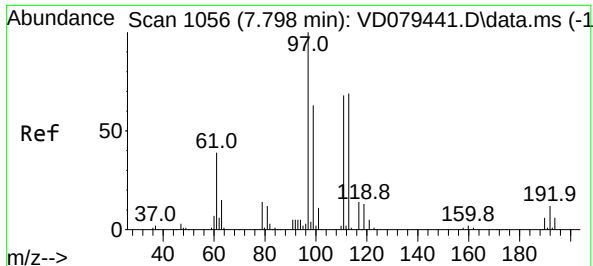
Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.0

88 12.3 0.0 27.2





#35

Dibromofluoromethane

Concen: 63.077 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD079626.D

Acq: 06 Aug 2024 16:43

Instrument :

MSVOA_D

ClientSampleId :

TP4RE

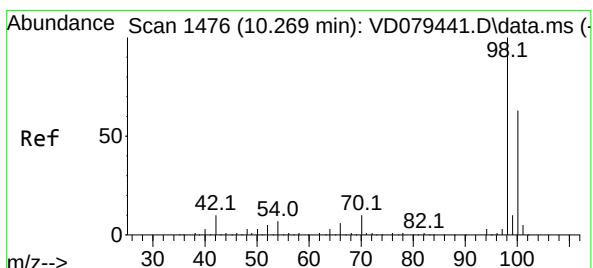
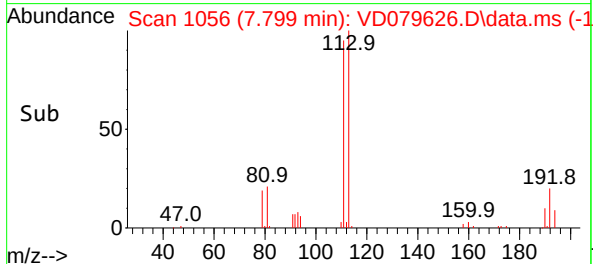
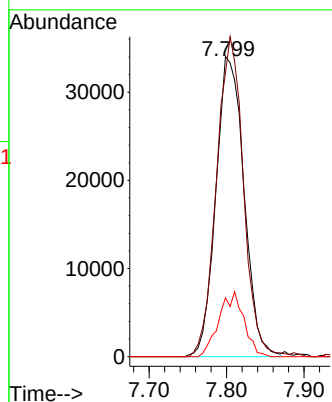
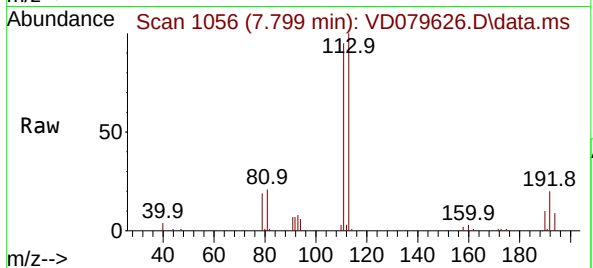
Tgt Ion:113 Resp: 85712

Ion Ratio Lower Upper

113 100

111 102.1 84.0 126.0

192 19.3 15.4 23.0



#50

Toluene-d8

Concen: 44.217 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VD079626.D

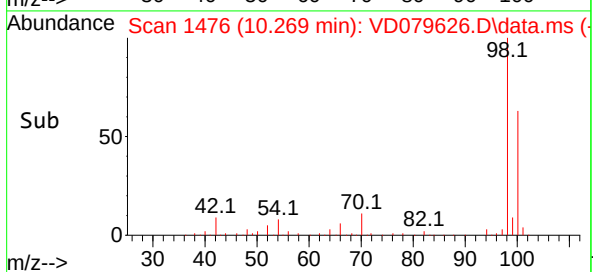
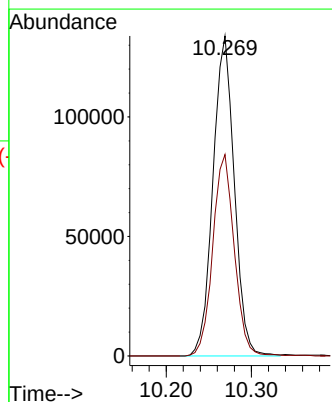
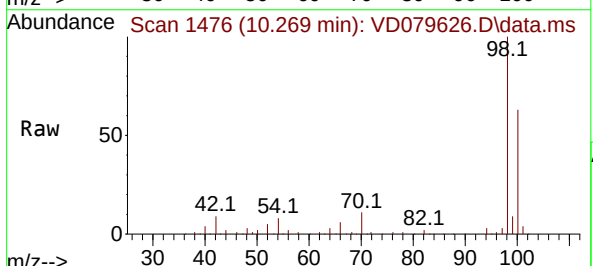
Acq: 06 Aug 2024 16:43

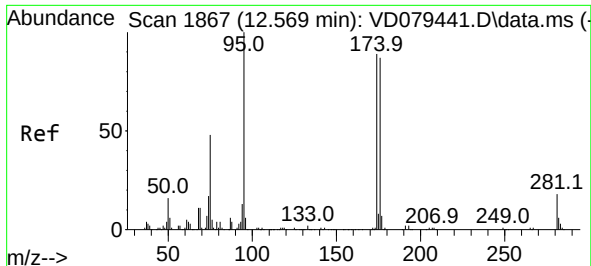
Tgt Ion: 98 Resp: 233326

Ion Ratio Lower Upper

98 100

100 63.4 51.6 77.4

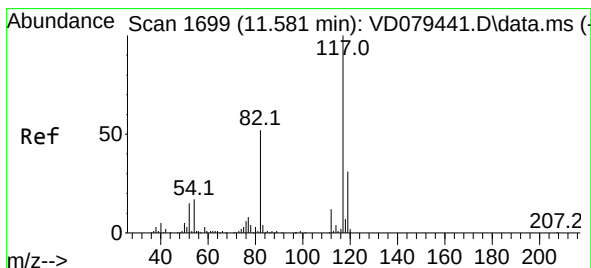
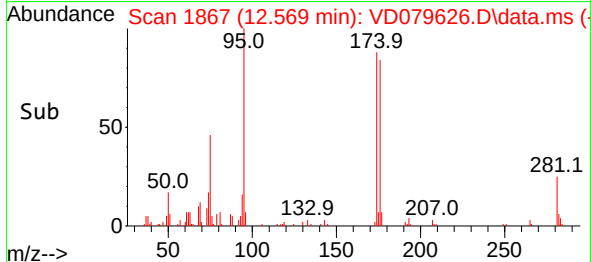
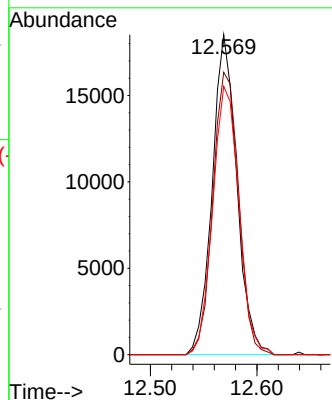
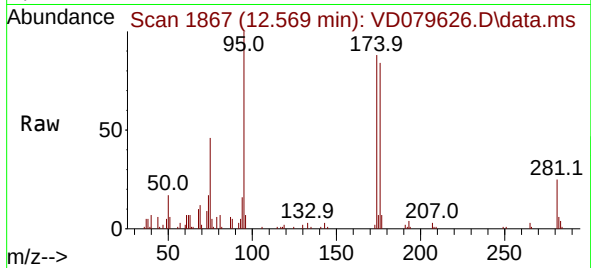




#62
4-Bromofluorobenzene
Concen: 19.448 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079626.D
Acq: 06 Aug 2024 16:43

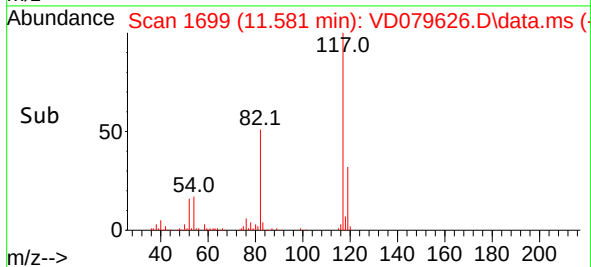
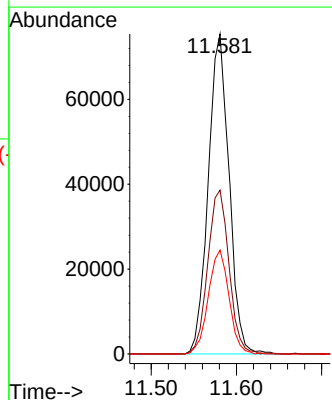
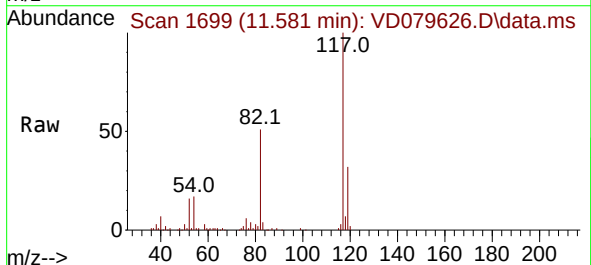
Instrument :
MSVOA_D
ClientSampleId :
TP4RE

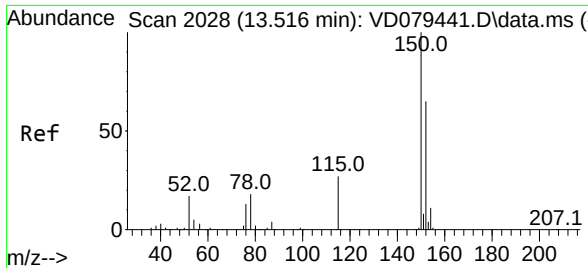
Tgt Ion:	95	Resp:	29698
Ion	Ratio	Lower	Upper
95	100		
174	92.5	0.0	195.4
176	89.5	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079626.D
Acq: 06 Aug 2024 16:43

Tgt Ion:	117	Resp:	127907
Ion	Ratio	Lower	Upper
117	100		
82	51.2	39.8	59.6
119	32.5	25.7	38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.510 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD079626.D
 Acq: 06 Aug 2024 16:43

Instrument :
 MSVOA_D
 ClientSampleId :
 TP4RE

Tgt Ion:	152	Resp:	22268
Ion	Ratio	Lower	Upper
152	100		
115	54.1	26.5	79.5
150	158.8	0.0	341.6

