

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
 Data File : VD079509.D
 Acq On : 31 Jul 2024 23:03
 Operator : RP/MD
 Sample : VD0731SBL02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0731SBL02

Quant Time: Aug 01 01:57:57 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	165469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	306034	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	286232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	123643	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	103654	61.662	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.320%
35) Dibromofluoromethane	7.805	113	111158	53.664	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.320%
50) Toluene-d8	10.269	98	387840	48.215	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.440%
62) 4-Bromofluorobenzene	12.569	95	101603	43.649	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.300%

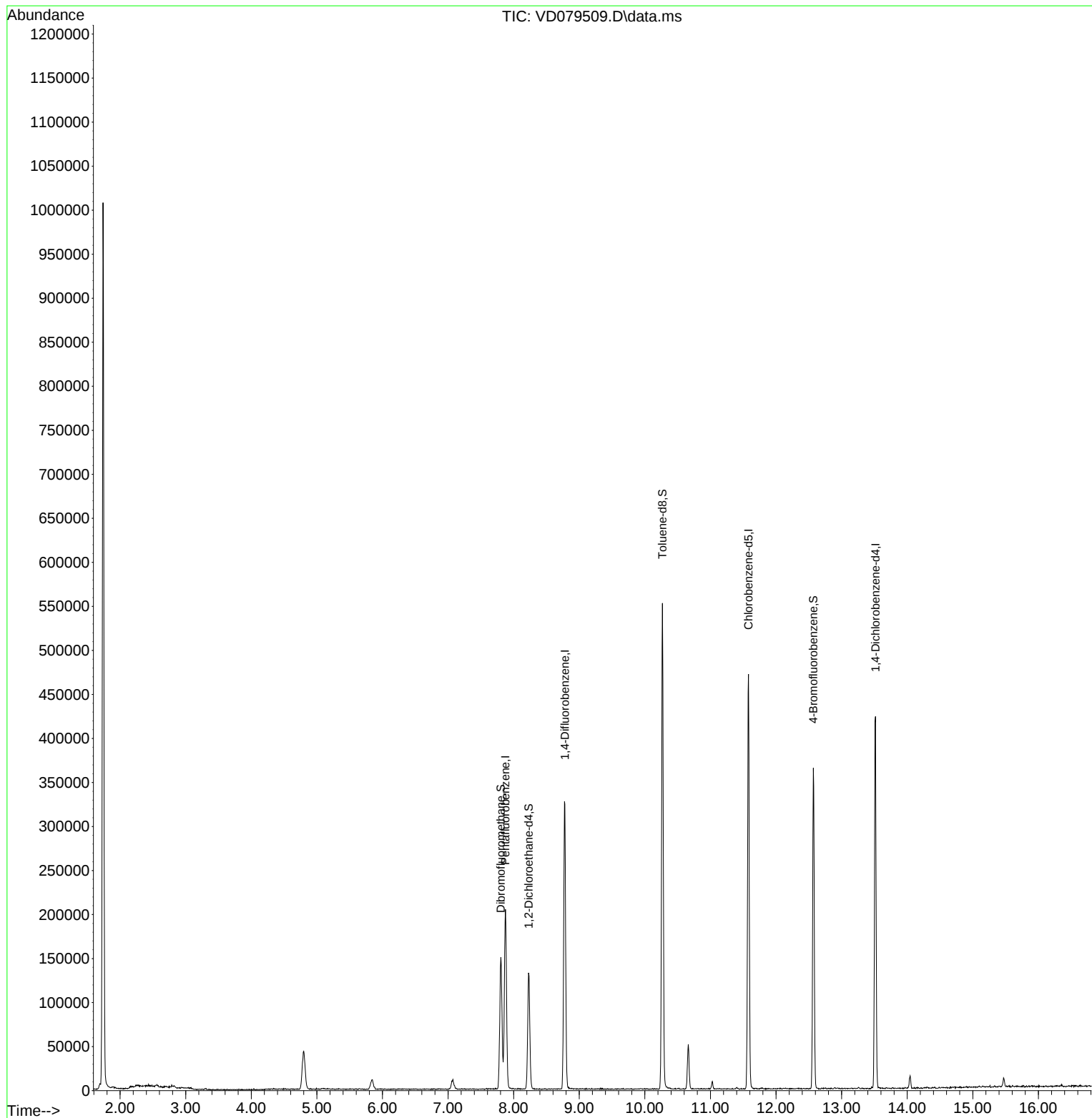
Target Compounds	Qvalue

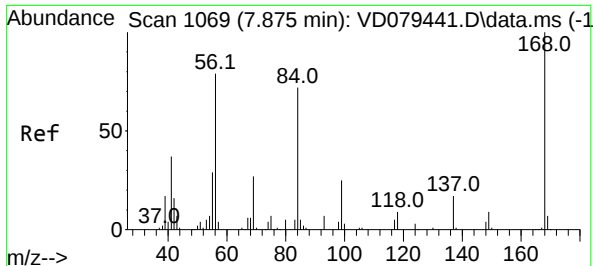
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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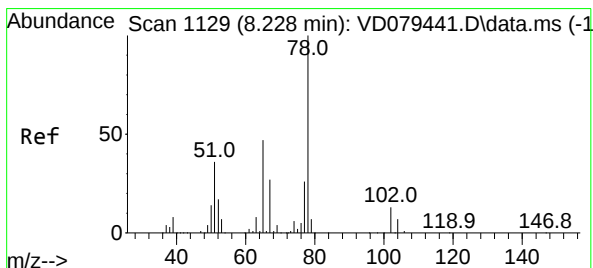
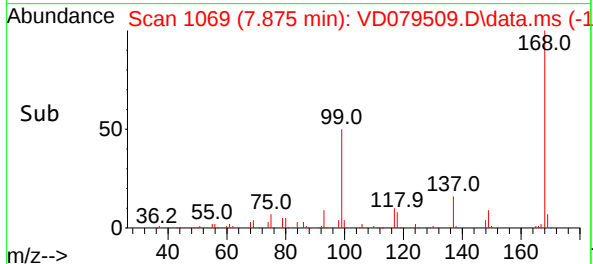
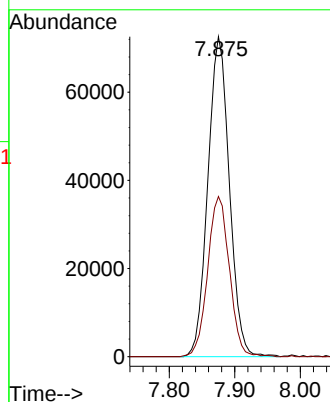
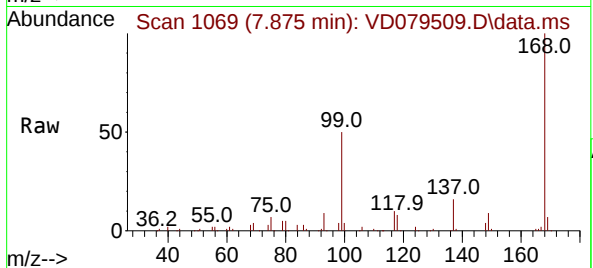




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079509.D
Acq: 31 Jul 2024 23:03

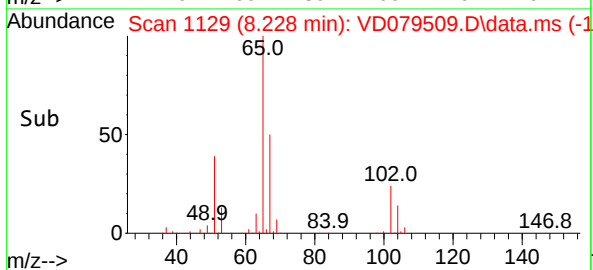
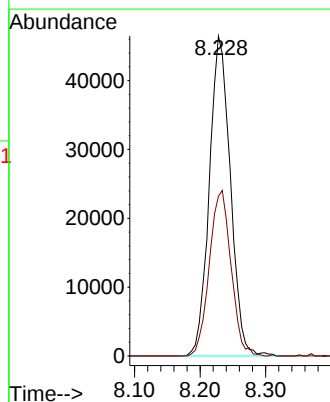
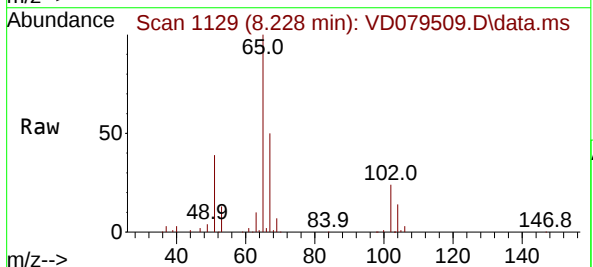
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBL02

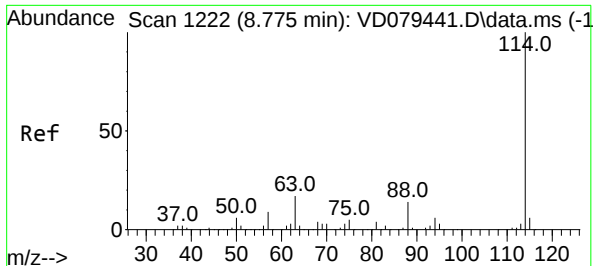
Tgt Ion:168 Resp: 165469
Ion Ratio Lower Upper
168 100
99 50.1 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 61.662 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079509.D
Acq: 31 Jul 2024 23:03

Tgt Ion: 65 Resp: 103654
Ion Ratio Lower Upper
65 100
67 53.2 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD079509.D

Acq: 31 Jul 2024 23:03

Instrument :

MSVOA_D

ClientSampleId :

VD0731SBL02

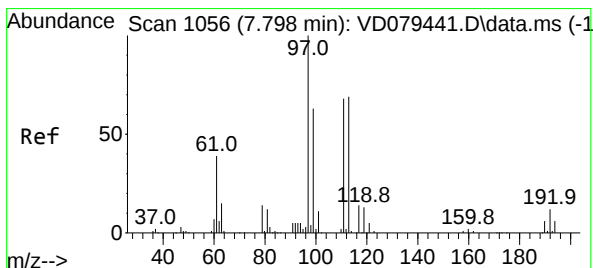
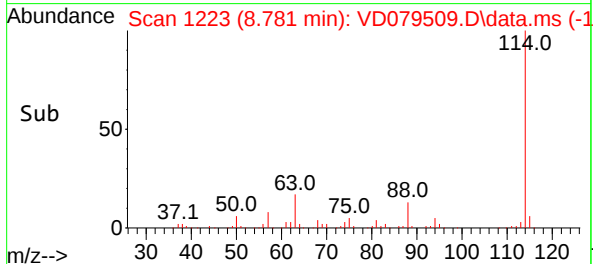
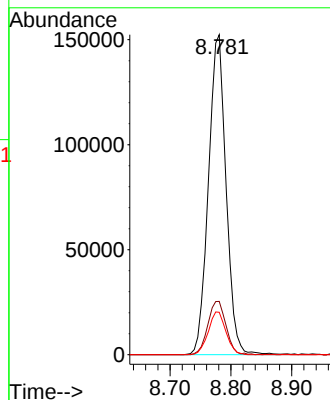
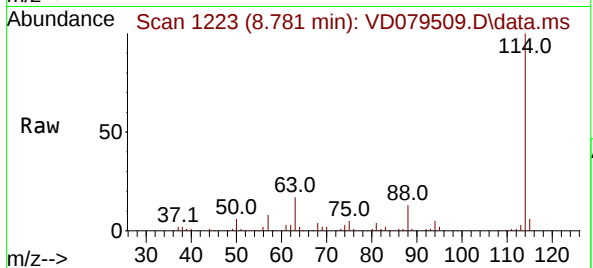
Tgt Ion:114 Resp: 306034

Ion Ratio Lower Upper

114 100

63 16.6 0.0 34.0

88 13.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 53.664 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079509.D

Acq: 31 Jul 2024 23:03

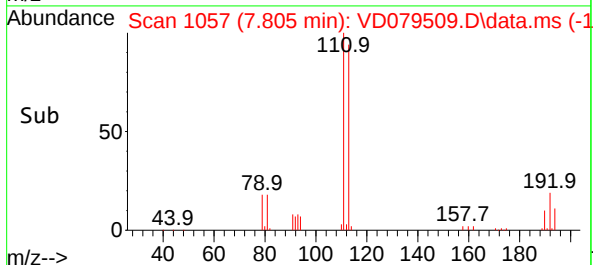
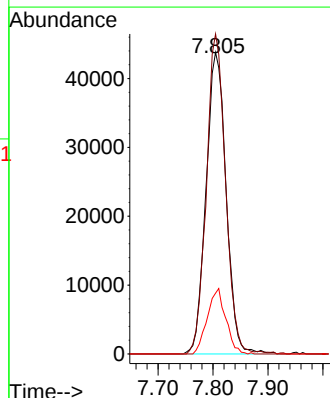
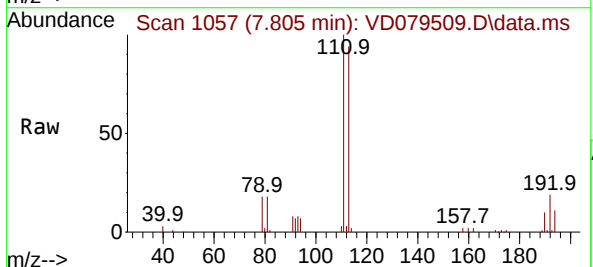
Tgt Ion:113 Resp: 111158

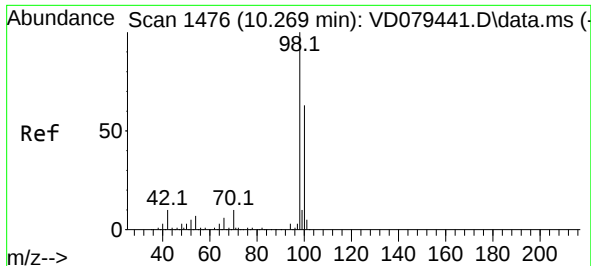
Ion Ratio Lower Upper

113 100

111 101.5 84.0 126.0

192 20.0 15.4 23.0

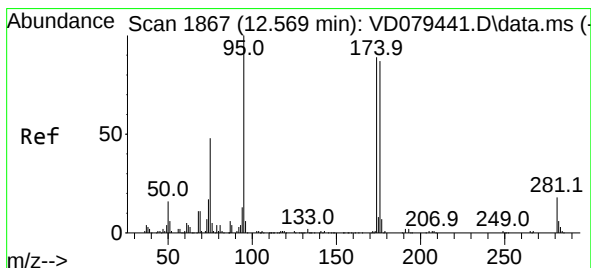
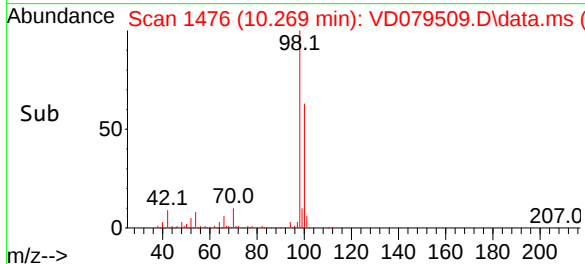
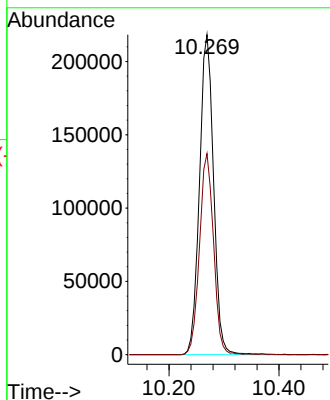
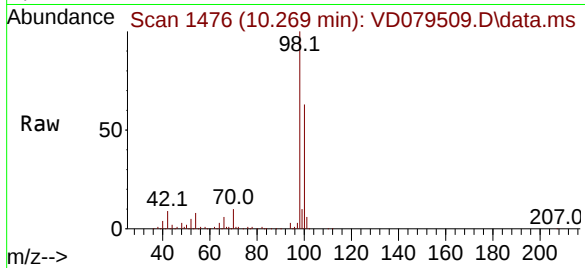




#50
Toluene-d8
Concen: 48.215 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079509.D
Acq: 31 Jul 2024 23:03

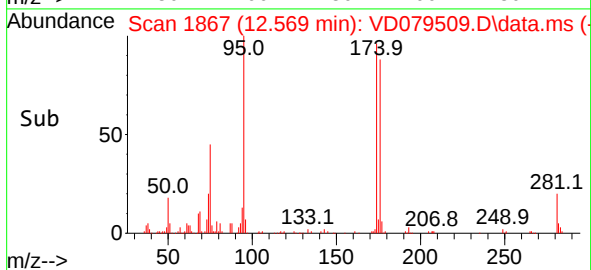
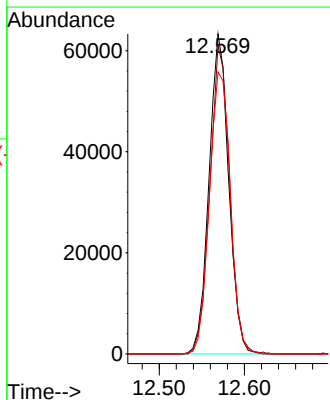
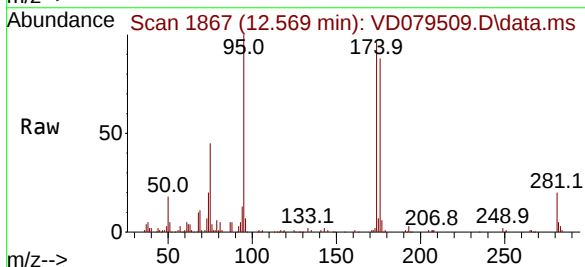
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBL02

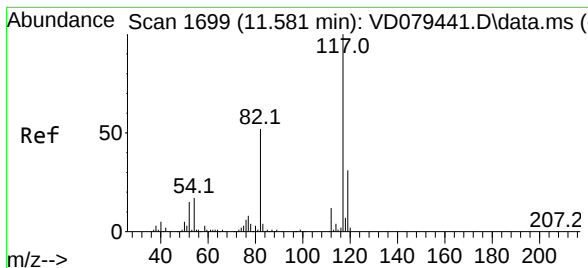
Tgt Ion: 98 Resp: 387840
Ion Ratio Lower Upper
98 100
100 62.8 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 43.649 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079509.D
Acq: 31 Jul 2024 23:03

Tgt Ion: 95 Resp: 101603
Ion Ratio Lower Upper
95 100
174 96.8 0.0 195.4
176 93.8 0.0 192.6

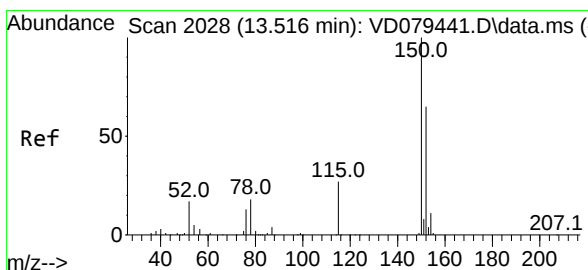
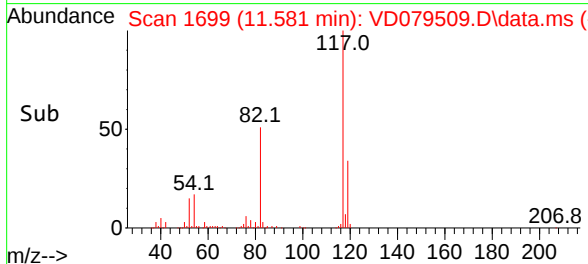
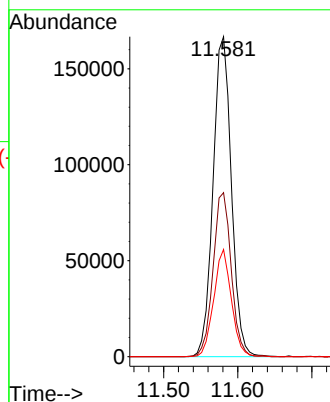
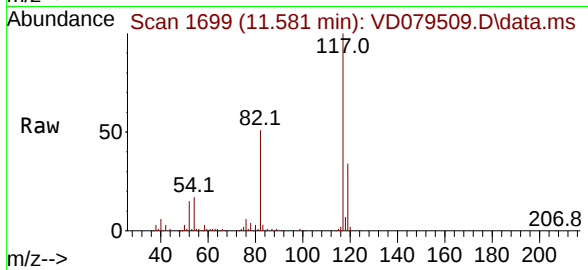




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079509.D
Acq: 31 Jul 2024 23:03

Instrument :
MSVOA_D
ClientSampleId :
VD0731SBL02

Tgt Ion:117 Resp: 286232
Ion Ratio Lower Upper
117 100
82 51.2 39.8 59.6
119 33.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079509.D
Acq: 31 Jul 2024 23:03

Tgt Ion:152 Resp: 123643
Ion Ratio Lower Upper
152 100
115 54.2 26.5 79.5
150 154.5 0.0 341.6

