

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110123\
 Data File : VD077473.D
 Acq On : 01 Nov 2023 11:16
 Operator : JC/SY
 Sample : VD1101SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1101SBL01

Quant Time: Nov 02 00:52:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	252473	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	457360	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	398108	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	175885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	171666	48.084	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.160%
35) Dibromofluoromethane	7.804	113	150026	47.460	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.920%
50) Toluene-d8	10.269	98	602388	49.060	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.120%
62) 4-Bromofluorobenzene	12.575	95	187793	45.410	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.820%

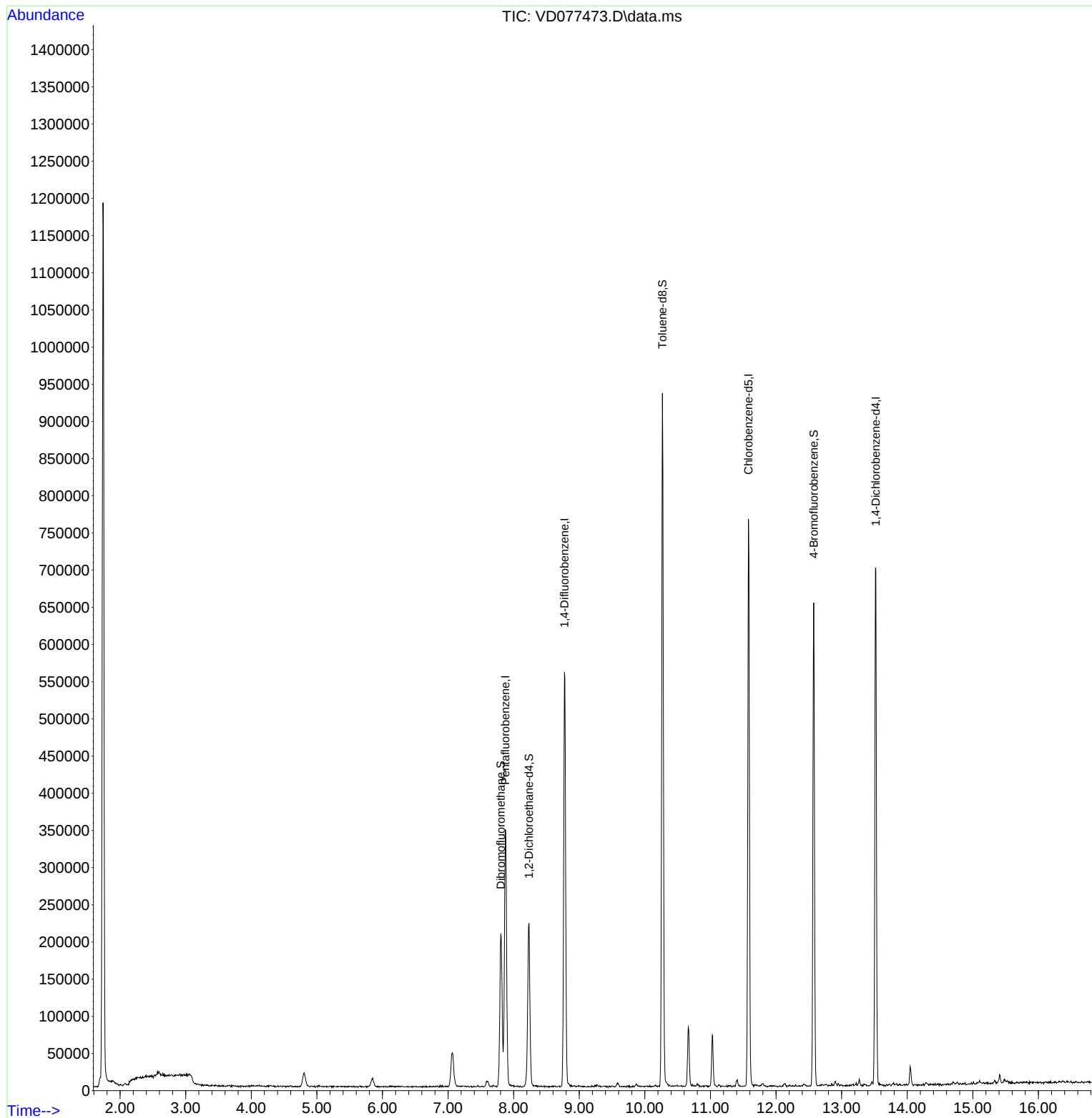
Target Compounds	Qvalue

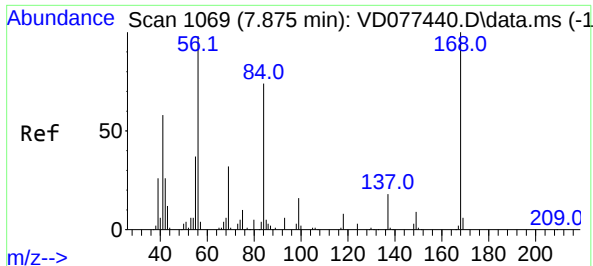
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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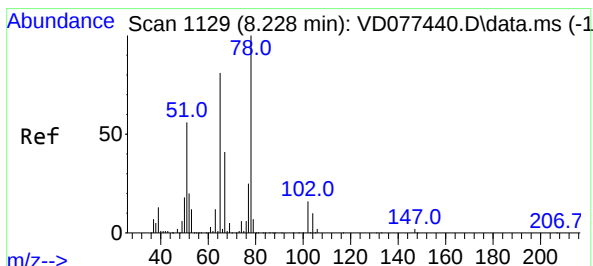
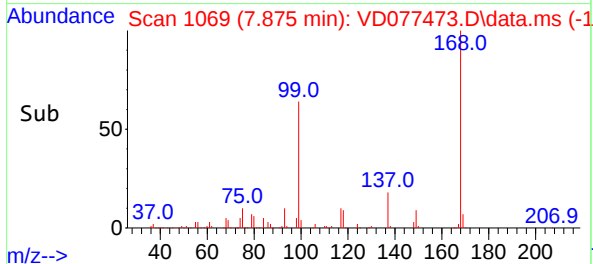
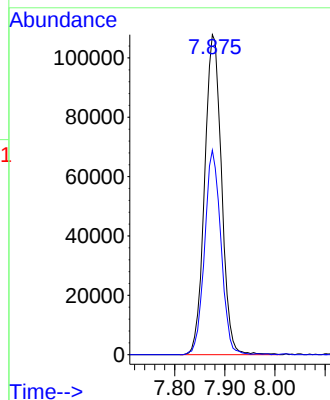
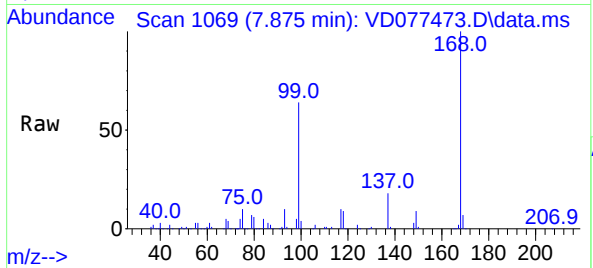




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD077473.D
Acq: 01 Nov 2023 11:16

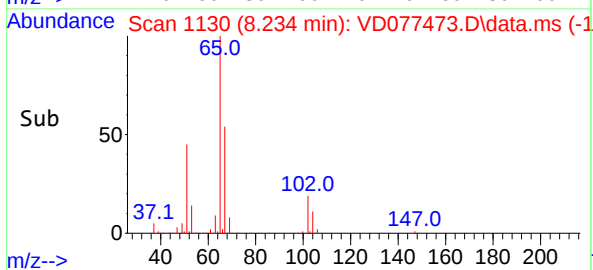
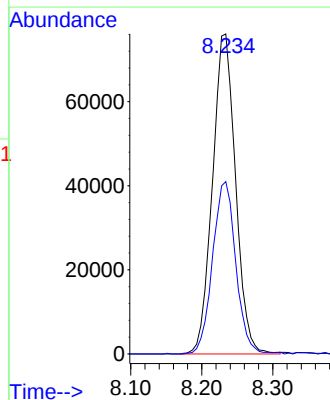
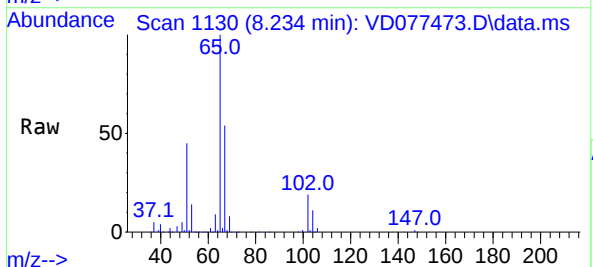
Instrument :
MSVOA_D
ClientSampleId :
VD1101SBL01

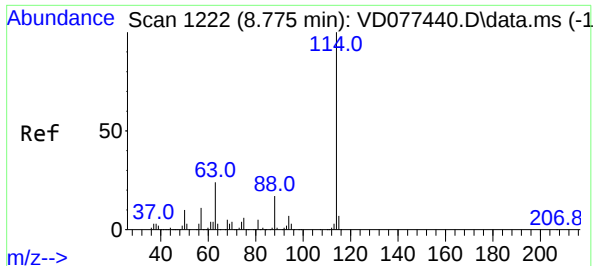
Tgt Ion:168 Resp: 252473
Ion Ratio Lower Upper
168 100
99 63.9 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 48.084 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077473.D
Acq: 01 Nov 2023 11:16

Tgt Ion: 65 Resp: 171666
Ion Ratio Lower Upper
65 100
67 54.2 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077473.D

Acq: 01 Nov 2023 11:16

Instrument :

MSVOA_D

ClientSampleId :

VD1101SBL01

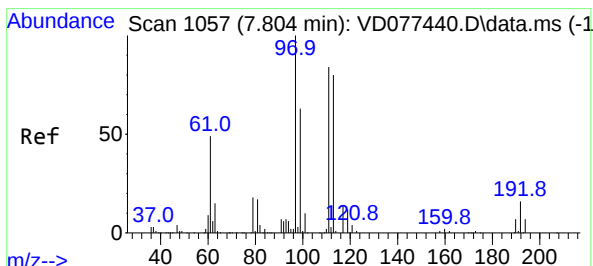
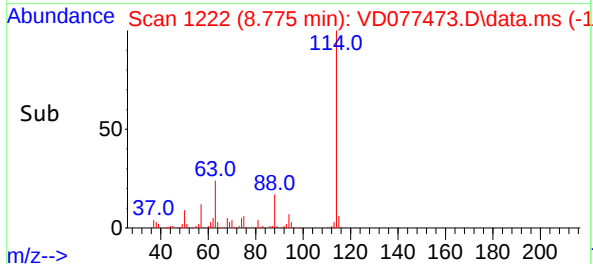
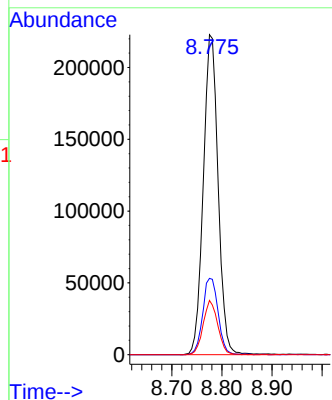
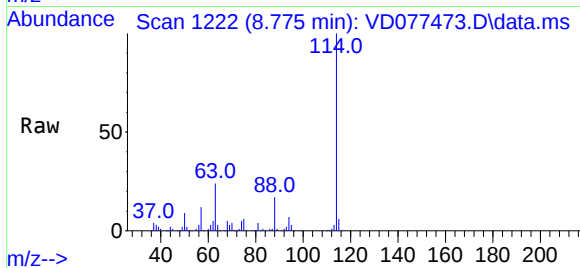
Tgt Ion:114 Resp: 457360

Ion Ratio Lower Upper

114 100

63 23.9 0.0 33.4

88 16.9 0.0 26.2



#35

Dibromofluoromethane

Concen: 47.460 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077473.D

Acq: 01 Nov 2023 11:16

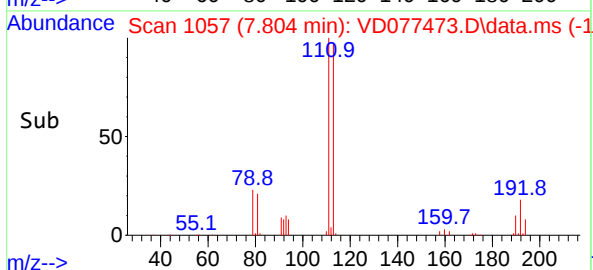
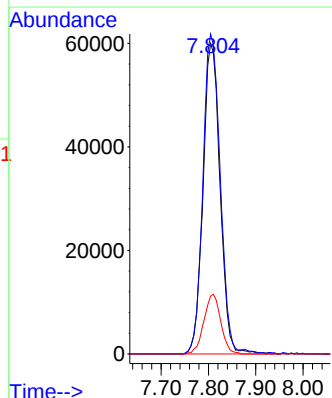
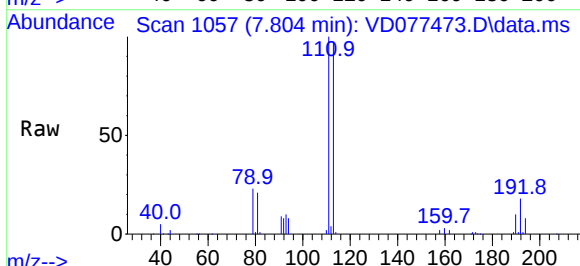
Tgt Ion:113 Resp: 150026

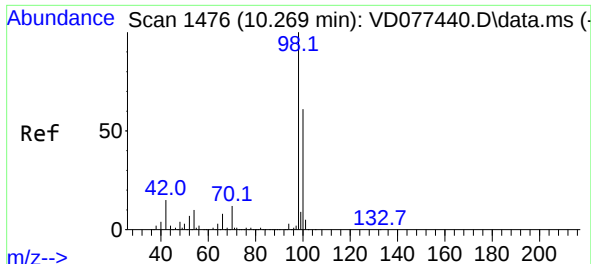
Ion Ratio Lower Upper

113 100

111 104.0 84.7 127.1

192 19.0 16.8 25.2

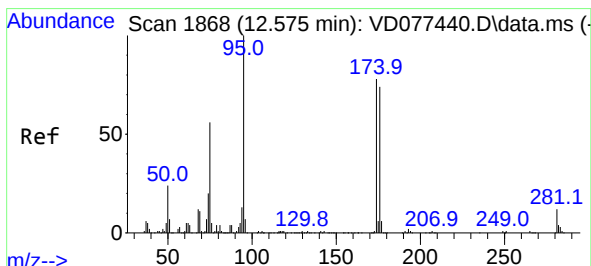
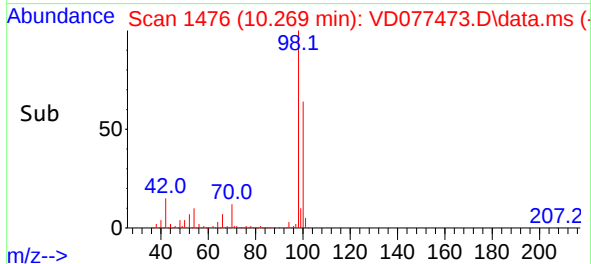
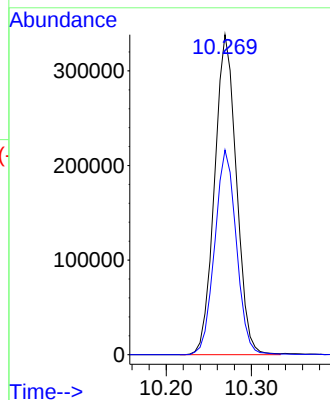
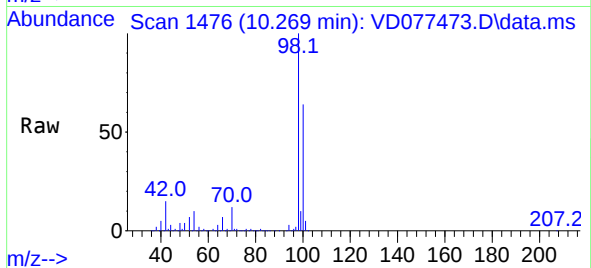




#50
Toluene-d8
Concen: 49.060 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077473.D
Acq: 01 Nov 2023 11:16

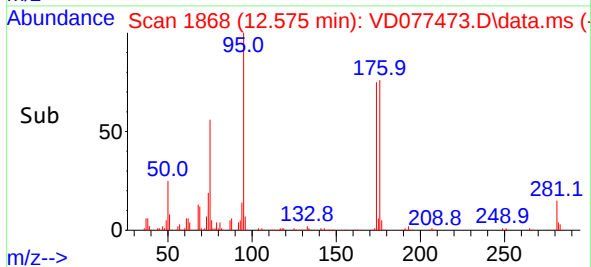
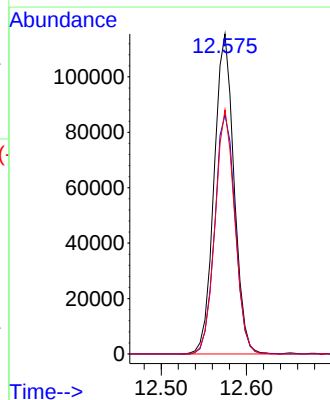
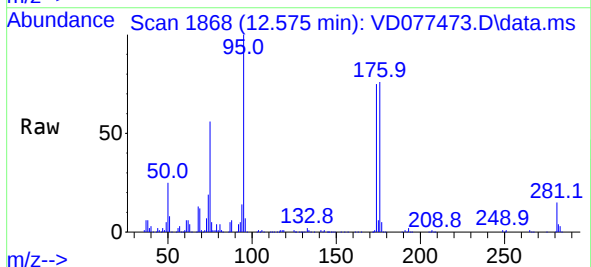
Instrument :
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VD1101SBL01

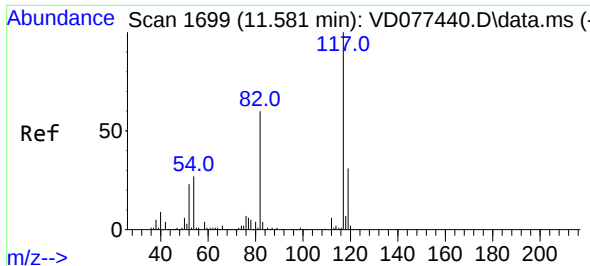
Tgt Ion: 98 Resp: 602388
Ion Ratio Lower Upper
98 100
100 63.4 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 45.410 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077473.D
Acq: 01 Nov 2023 11:16

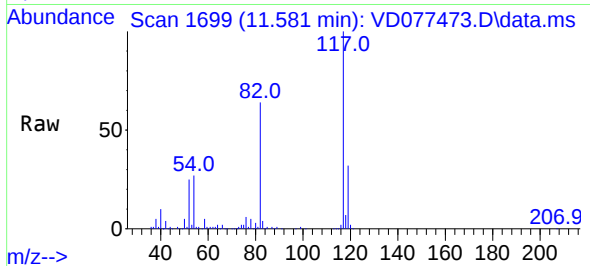
Tgt Ion: 95 Resp: 187793
Ion Ratio Lower Upper
95 100
174 76.8 0.0 201.8
176 75.6 0.0 191.8



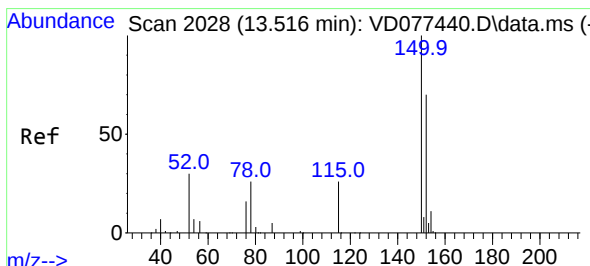
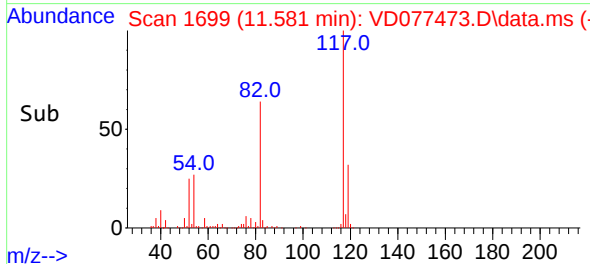
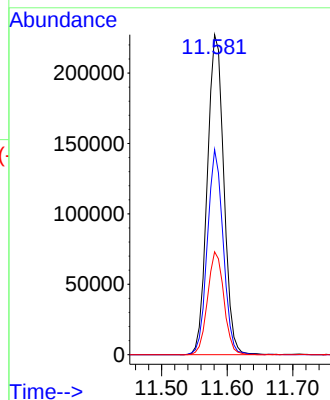


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077473.D
Acq: 01 Nov 2023 11:16

Instrument :
MSVOA_D
ClientSampleId :
VD1101SBL01



Tgt Ion:117 Resp: 398108
Ion Ratio Lower Upper
117 100
82 64.1 38.3 57.5#
119 32.2 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077473.D
Acq: 01 Nov 2023 11:16

Tgt Ion:152 Resp: 175885
Ion Ratio Lower Upper
152 100
115 61.5 27.1 81.3
150 154.5 0.0 353.6

