

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110223\
 Data File : VD077487.D
 Acq On : 02 Nov 2023 11:30
 Operator : JC/SY
 Sample : VD1102SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1102SBL01

Quant Time: Nov 03 01:01:34 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	7.881	168	240019	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	428509	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	379827	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	163478	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	148564	43.773	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.540%
35) Dibromofluoromethane	7.810	113	129038	43.569	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.140%
50) Toluene-d8	10.275	98	544672	47.347	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.700%
62) 4-Bromofluorobenzene	12.575	95	166524	42.978	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.960%

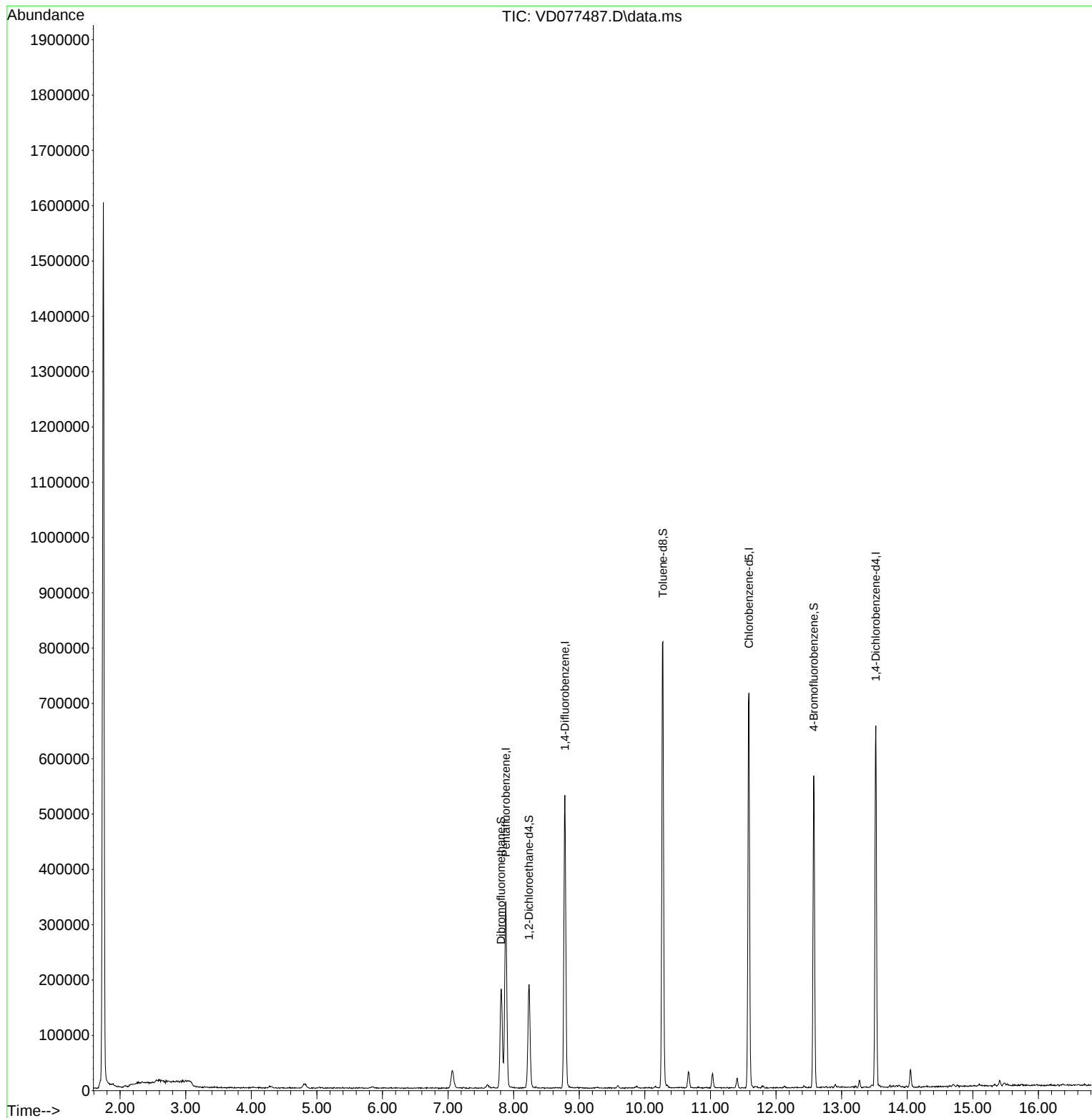
Target Compounds	Qvalue

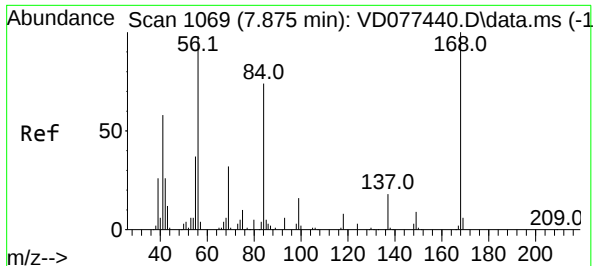
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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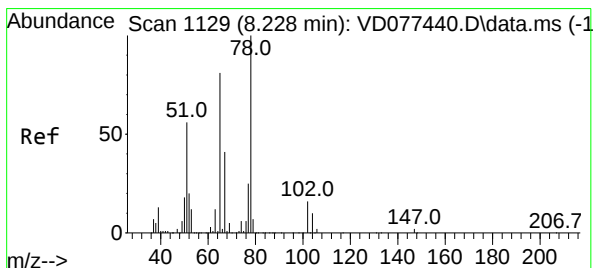
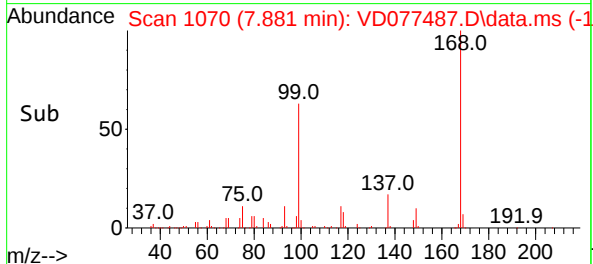
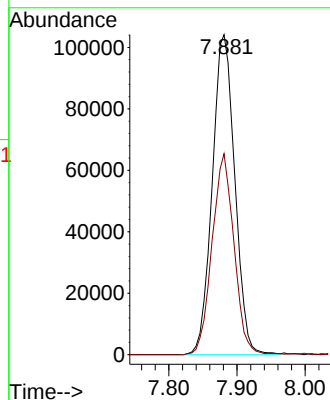
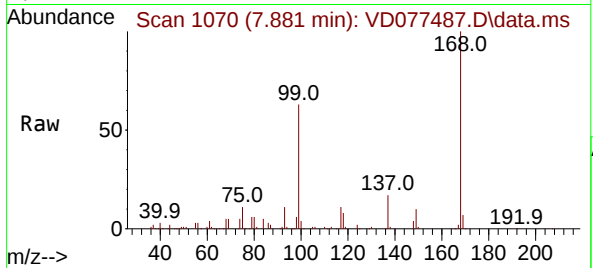




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD077487.D
Acq: 02 Nov 2023 11:30

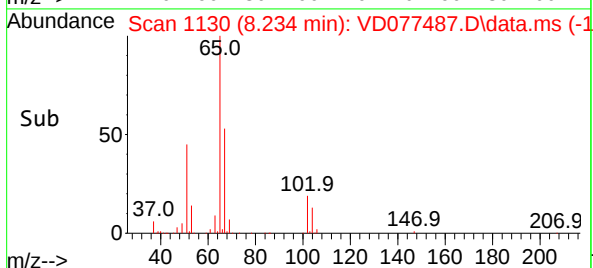
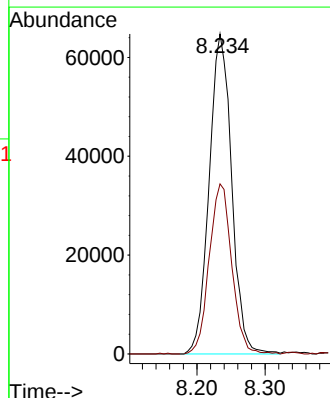
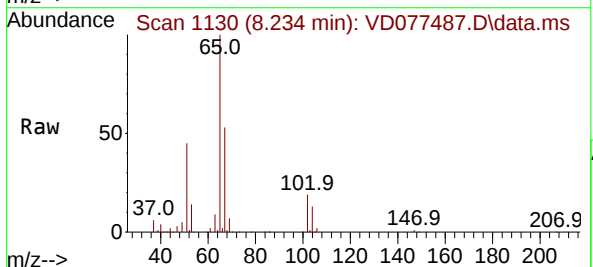
Instrument :
MSVOA_D
ClientSampleId :
VD1102SBL01

Tgt Ion:168 Resp: 240019
Ion Ratio Lower Upper
168 100
99 62.8 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 43.773 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077487.D
Acq: 02 Nov 2023 11:30

Tgt Ion: 65 Resp: 148564
Ion Ratio Lower Upper
65 100
67 53.2 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077487.D

Acq: 02 Nov 2023 11:30

Instrument :

MSVOA_D

ClientSampleId :

VD1102SBL01

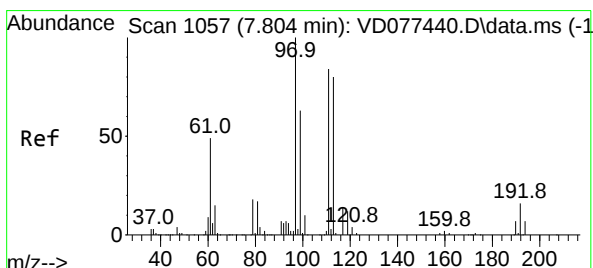
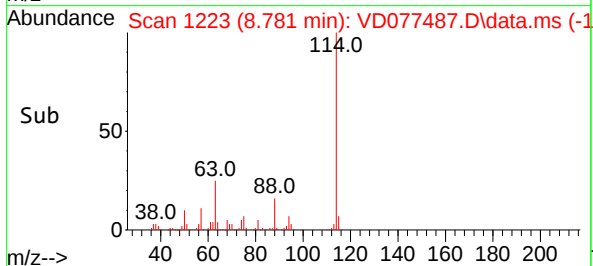
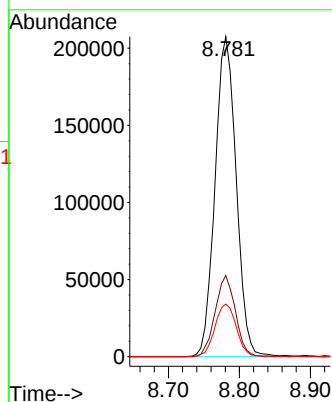
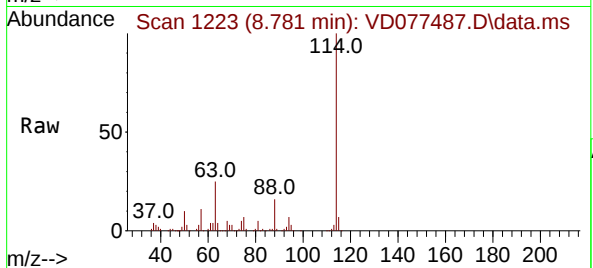
Tgt Ion:114 Resp: 428509

Ion Ratio Lower Upper

114 100

63 25.4 0.0 33.4

88 16.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 43.569 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077487.D

Acq: 02 Nov 2023 11:30

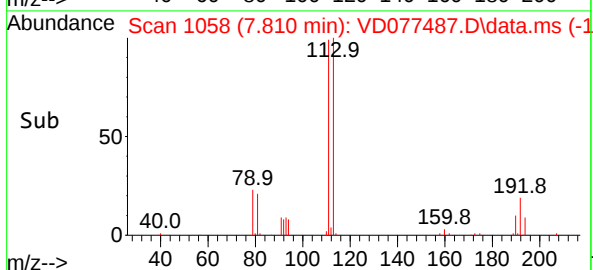
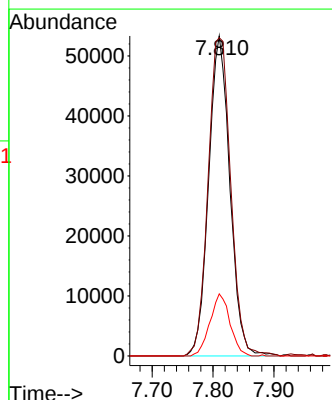
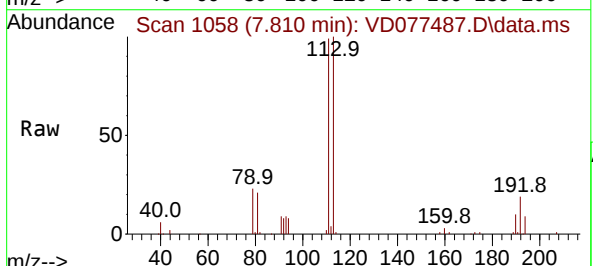
Tgt Ion:113 Resp: 129038

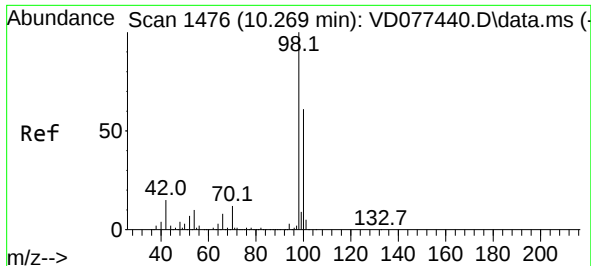
Ion Ratio Lower Upper

113 100

111 106.2 84.7 127.1

192 18.3 16.8 25.2

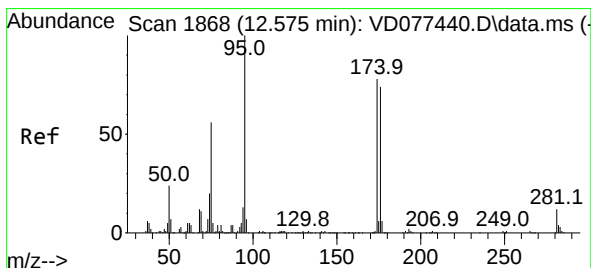
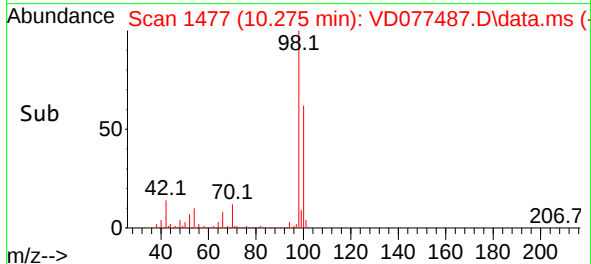
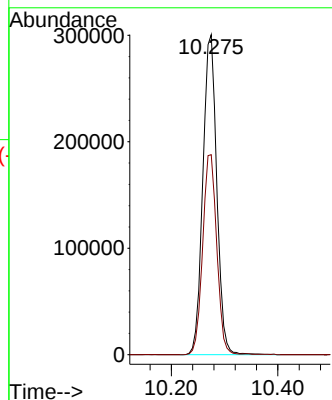
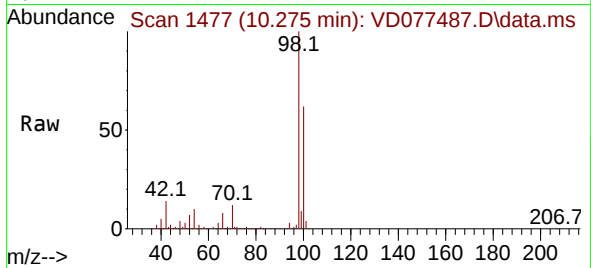




#50
Toluene-d8
Concen: 47.347 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD077487.D
Acq: 02 Nov 2023 11:30

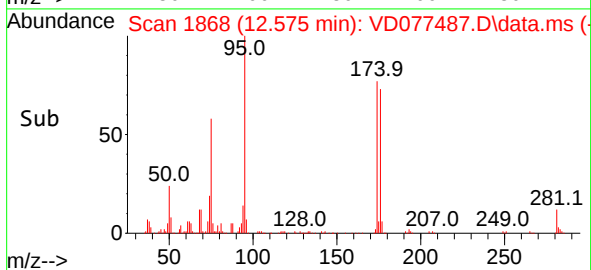
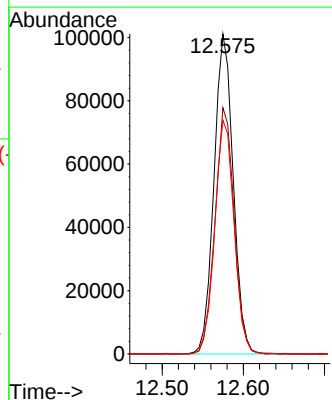
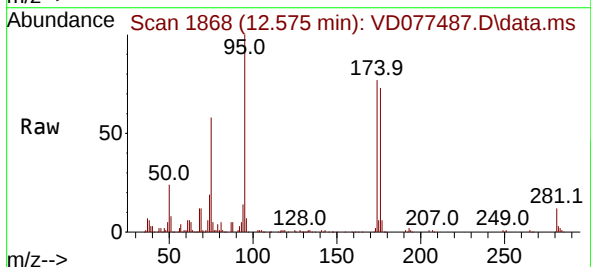
Instrument :
MSVOA_D
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VD1102SBL01

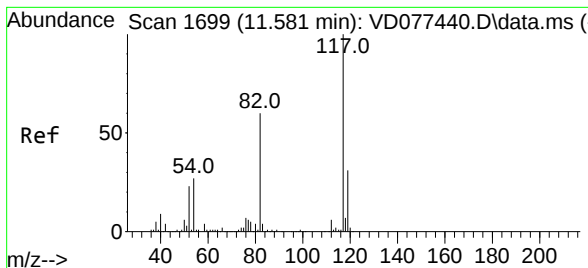
Tgt Ion: 98 Resp: 544672
Ion Ratio Lower Upper
98 100
100 63.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 42.978 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077487.D
Acq: 02 Nov 2023 11:30

Tgt Ion: 95 Resp: 166524
Ion Ratio Lower Upper
95 100
174 76.6 0.0 201.8
176 73.5 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.587 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077487.D

Acq: 02 Nov 2023 11:30

Instrument :

MSVOA_D

ClientSampleId :

VD1102SBL01

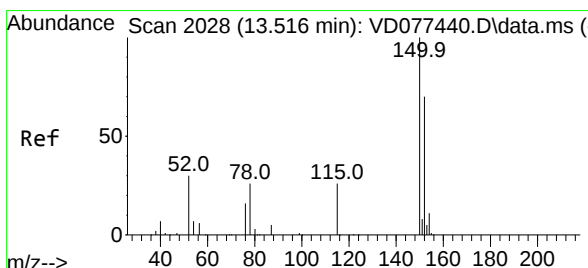
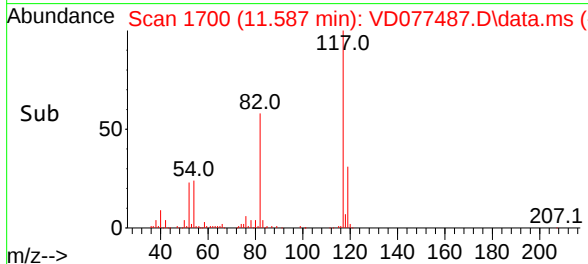
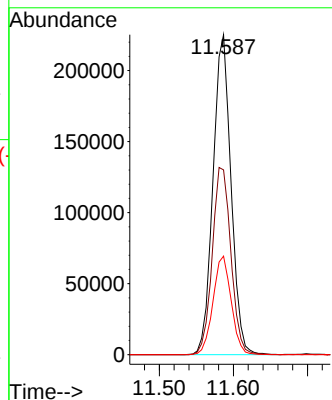
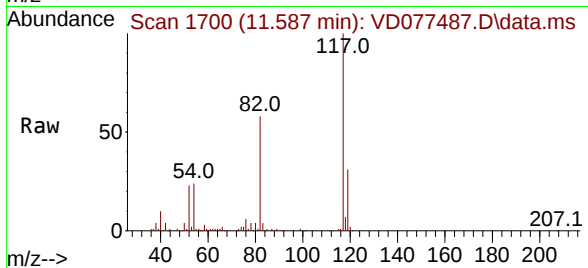
Tgt Ion:117 Resp: 379827

Ion Ratio Lower Upper

117 100

82 57.8 38.3 57.5#

119 30.8 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: VD077487.D

Acq: 02 Nov 2023 11:30

Tgt Ion:152 Resp: 163478

Ion Ratio Lower Upper

152 100

115 61.3 27.1 81.3

150 157.2 0.0 353.6

