

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120823\
 Data File : VD077793.D
 Acq On : 08 Dec 2023 15:59
 Operator : JC/SY
 Sample : 05629-01
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-216

Quant Time: Dec 08 16:10:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

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

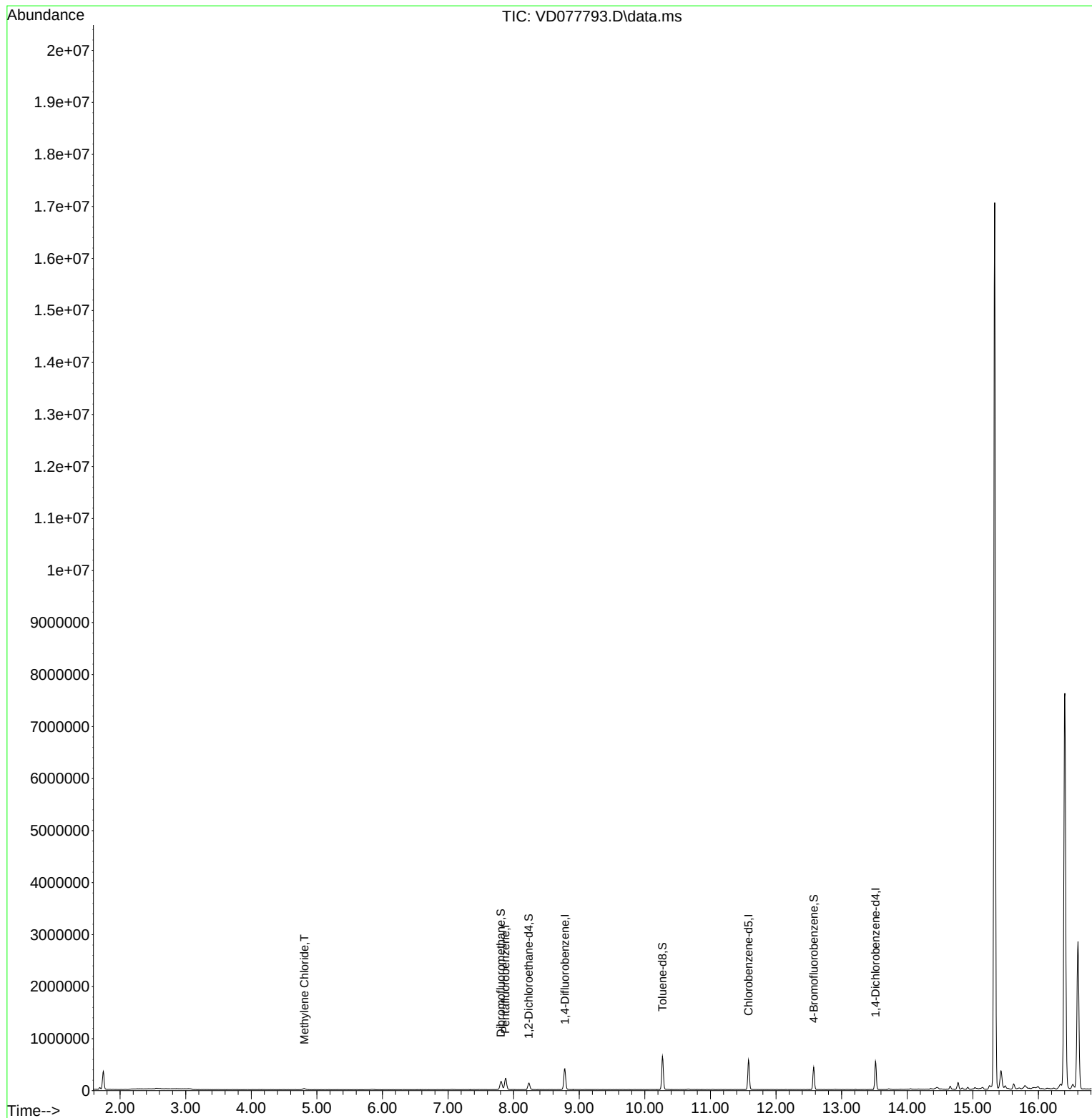
Internal Standards						
1) Pentafluorobenzene	7.875	168	171493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	356485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	325475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	144112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	97507	48.252	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.500%
35) Dibromofluoromethane	7.804	113	116993	46.852	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.700%
50) Toluene-d8	10.269	98	441540	44.149	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.300%
62) 4-Bromofluorobenzene	12.575	95	127136	42.520	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.040%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.810	84	15158	1.650	ug/l #	77

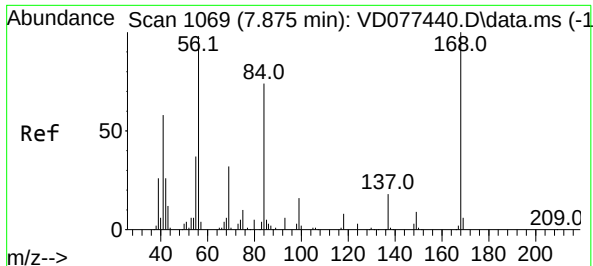
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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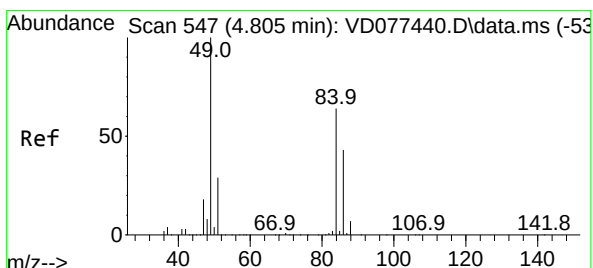
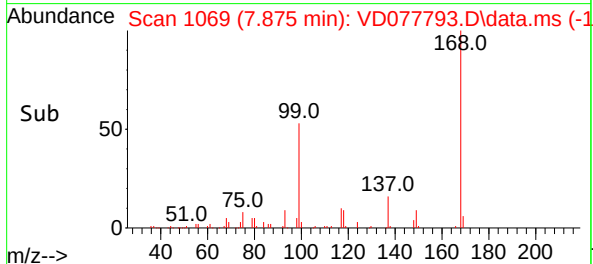
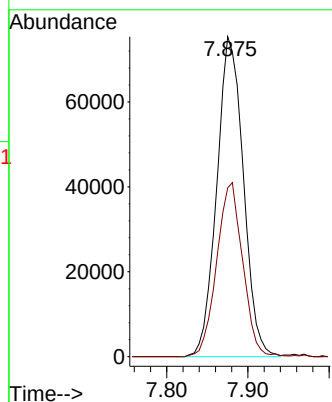
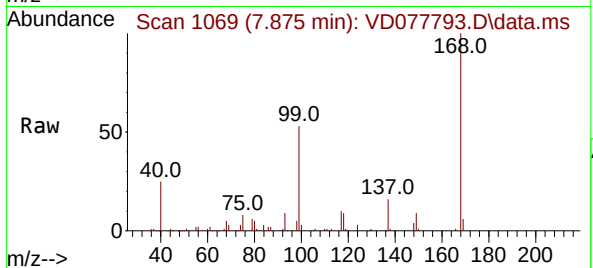




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077793.D
Acq: 08 Dec 2023 15:59

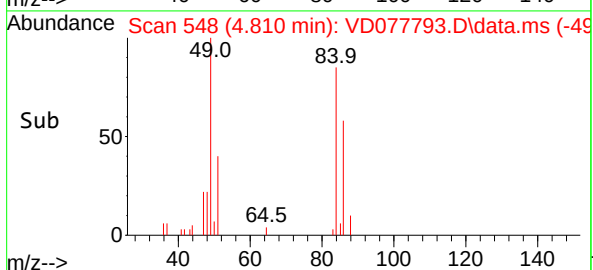
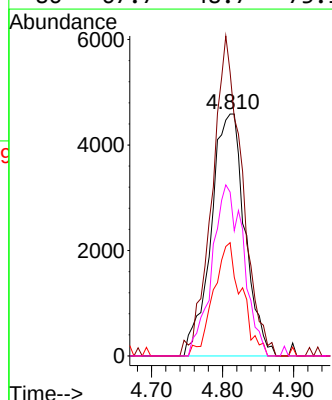
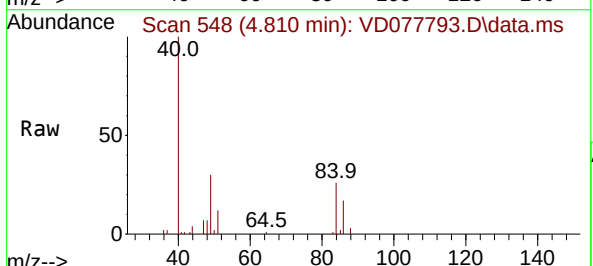
Instrument :
MSVOA_D
ClientSampleId :
VNJ-216

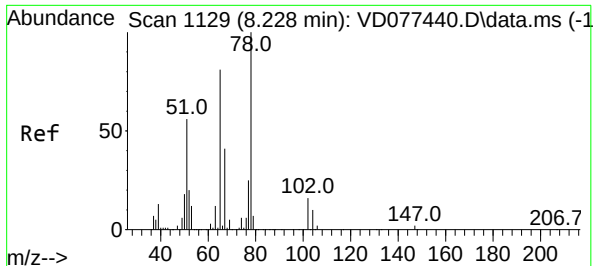
Tgt Ion:168 Resp: 171493
Ion Ratio Lower Upper
168 100
99 52.7 36.7 55.1



#20
Methylene Chloride
Concen: 1.650 ug/l
RT: 4.810 min Scan# 548
Delta R.T. 0.005 min
Lab File: VD077793.D
Acq: 08 Dec 2023 15:59

Tgt Ion: 84 Resp: 15158
Ion Ratio Lower Upper
84 100
49 117.2 71.4 107.2#
51 46.8 24.5 36.7#
86 67.7 48.7 73.1





#33

1,2-Dichloroethane-d4

Concen: 48.252 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD077793.D

Acq: 08 Dec 2023 15:59

Instrument :

MSVOA_D

ClientSampleId :

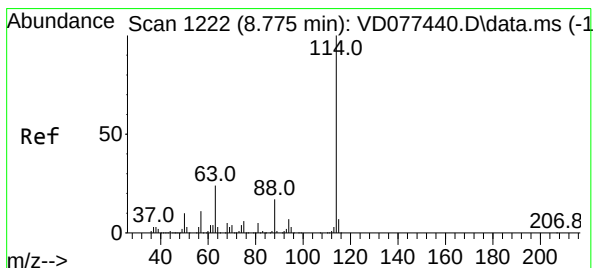
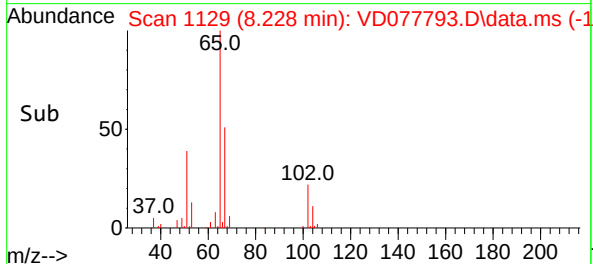
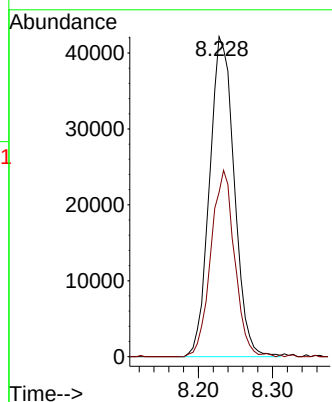
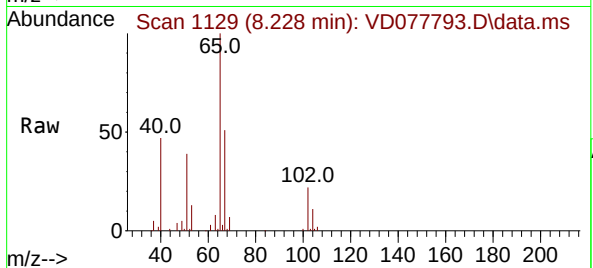
VNJ-216

Tgt Ion: 65 Resp: 97507

Ion Ratio Lower Upper

65 100

67 56.0 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD077793.D

Acq: 08 Dec 2023 15:59

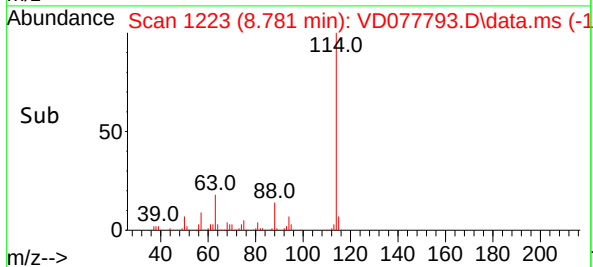
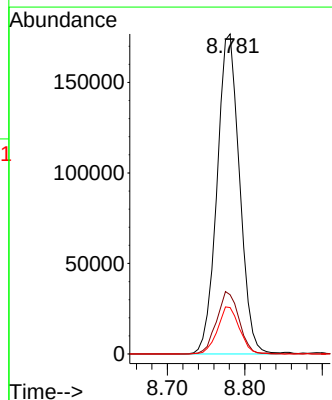
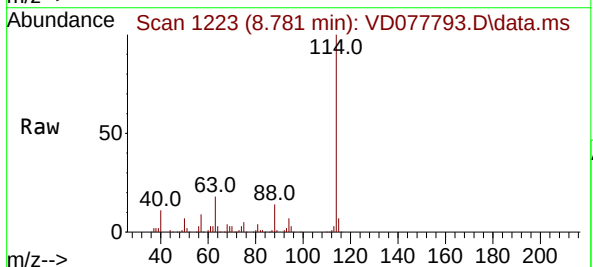
Tgt Ion: 114 Resp: 356485

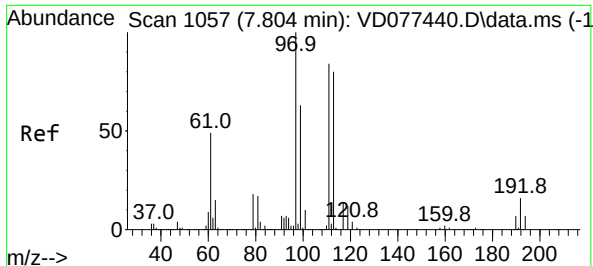
Ion Ratio Lower Upper

114 100

63 18.5 0.0 33.4

88 14.5 0.0 26.2





#35

Dibromofluoromethane

Concen: 46.852 ug/l

RT: 7.804 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077793.D

Acq: 08 Dec 2023 15:59

Instrument :

MSVOA_D

ClientSampleId :

VNJ-216

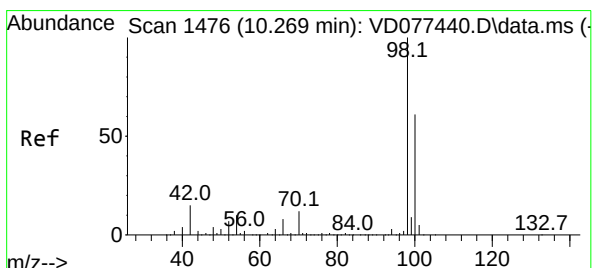
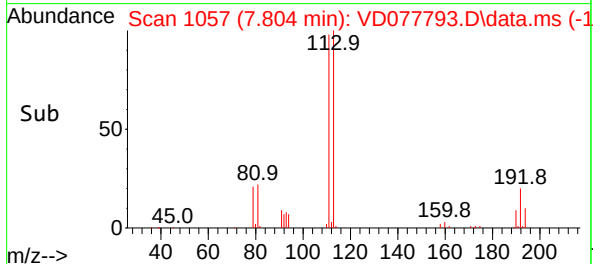
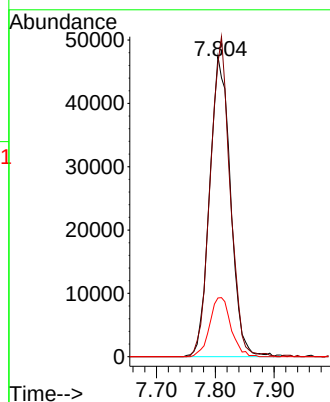
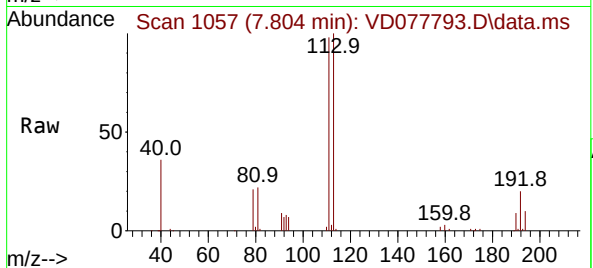
Tgt Ion:113 Resp: 116993

Ion Ratio Lower Upper

113 100

111 100.9 84.7 127.1

192 19.9 16.8 25.2



#50

Toluene-d8

Concen: 44.149 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD077793.D

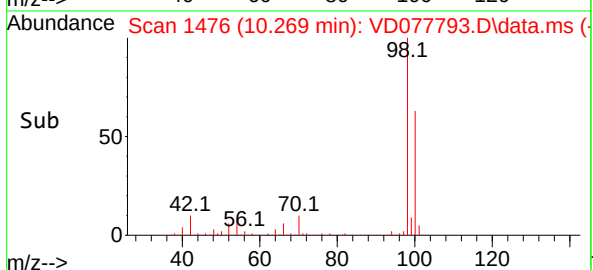
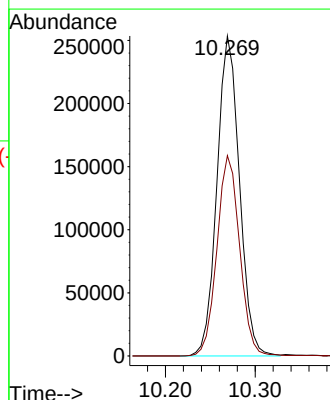
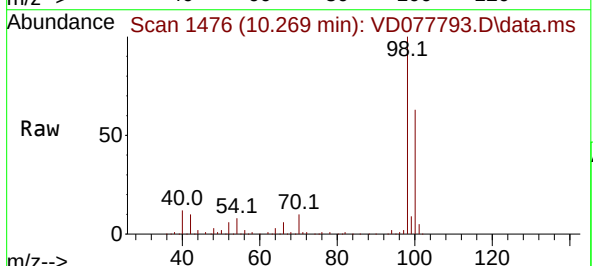
Acq: 08 Dec 2023 15:59

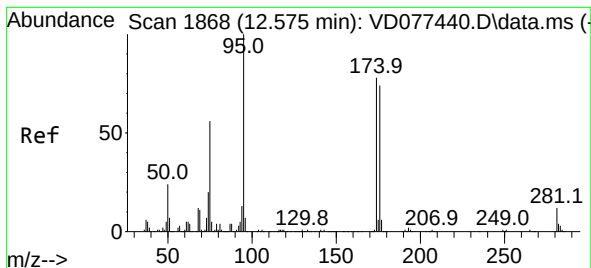
Tgt Ion: 98 Resp: 441540

Ion Ratio Lower Upper

98 100

100 63.3 50.3 75.5

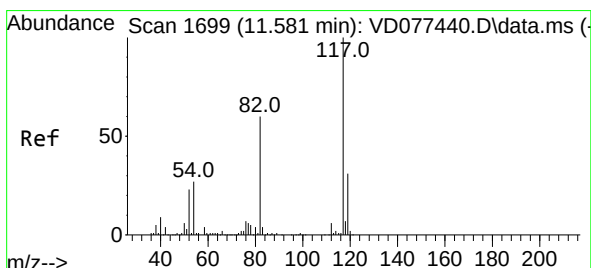
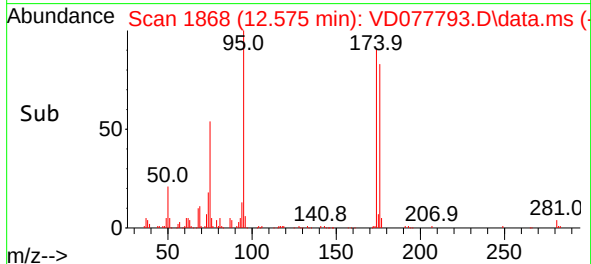
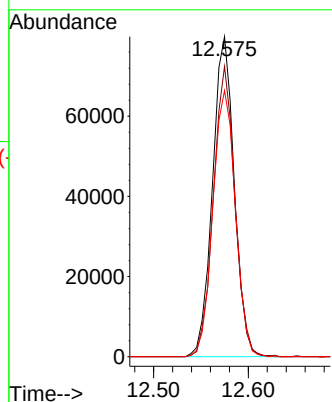
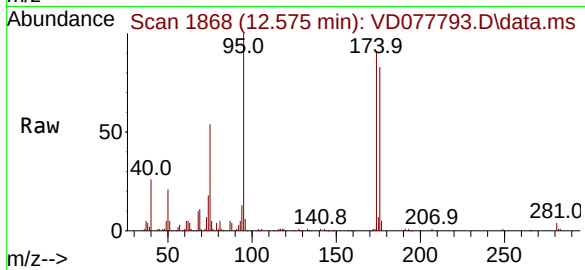




#62
4-Bromofluorobenzene
Concen: 42.520 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077793.D
Acq: 08 Dec 2023 15:59

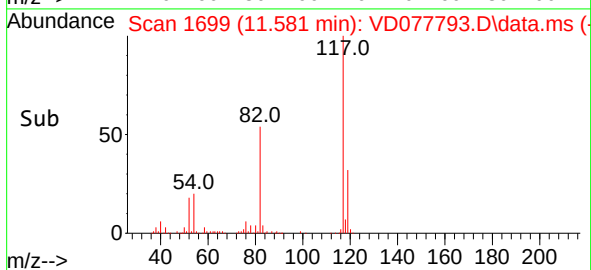
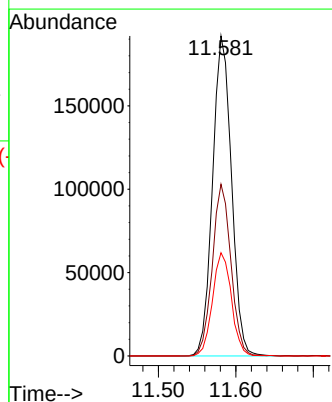
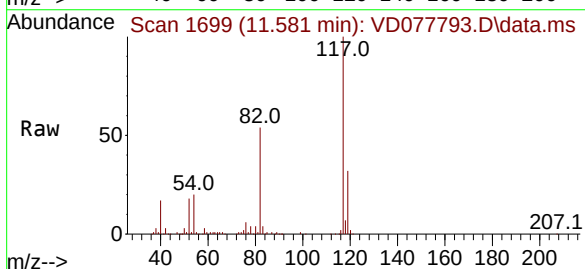
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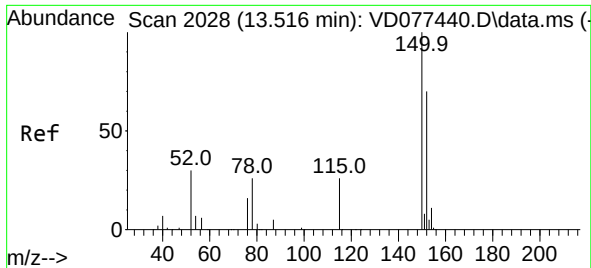
Tgt Ion: 95 Resp: 127136
Ion Ratio Lower Upper
95 100
174 89.6 0.0 201.8
176 86.3 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077793.D
Acq: 08 Dec 2023 15:59

Tgt Ion: 117 Resp: 325475
Ion Ratio Lower Upper
117 100
82 53.6 38.3 57.5
119 32.2 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD077793.D
 Acq: 08 Dec 2023 15:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-216

Tgt Ion:152 Resp: 144112
 Ion Ratio Lower Upper
 152 100
 115 56.4 27.1 81.3
 150 156.0 0.0 353.6

