

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062023\
 Data File : VD076501.D
 Acq On : 20 Jun 2023 19:48
 Operator : KP/SY
 Sample : 03322-01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-061623

Quant Time: Jun 21 06:50:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

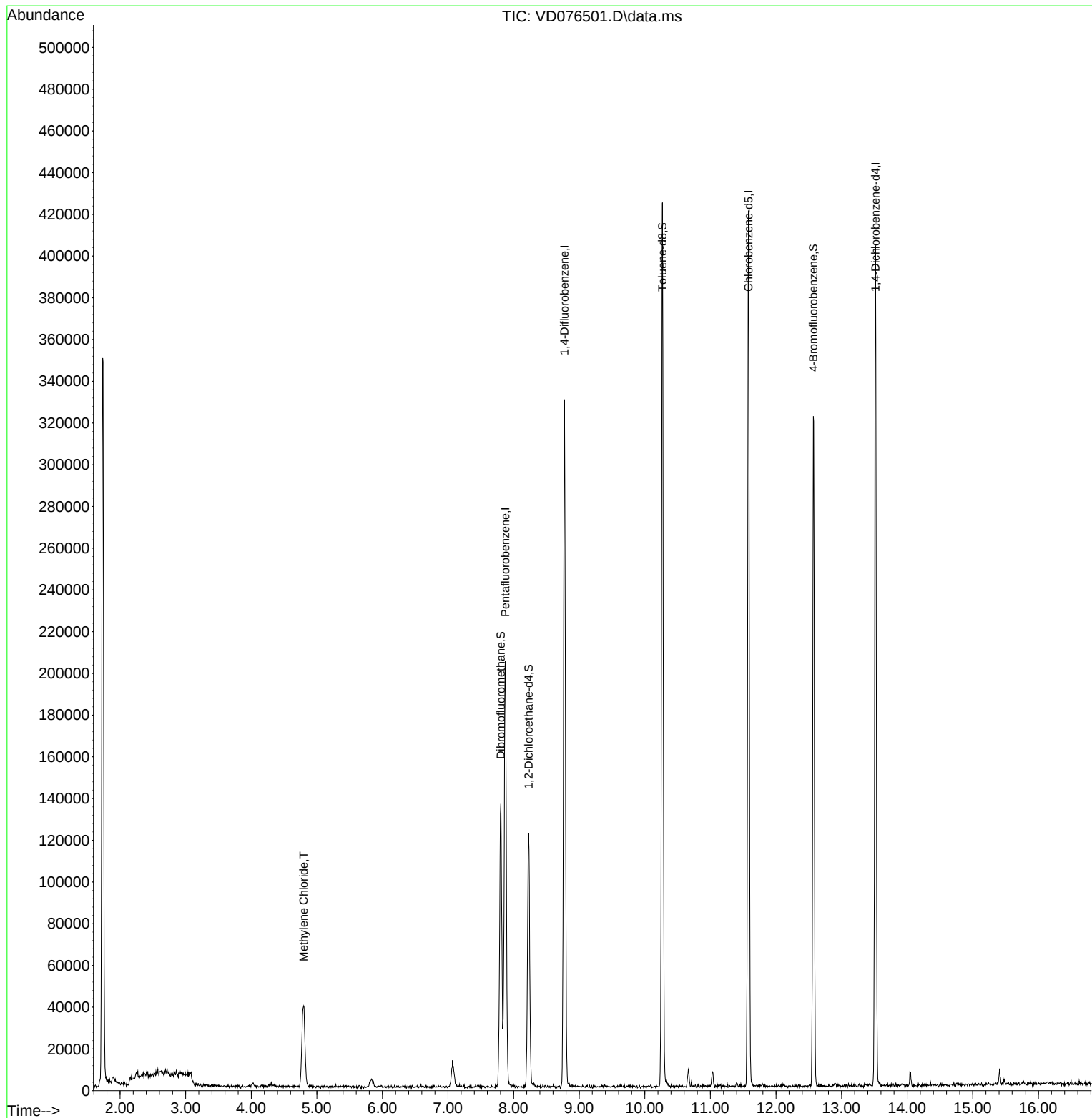
Internal Standards						
1) Pentafluorobenzene	7.875	168	163309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	287320	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	232012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	107058	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	92630	56.612	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.220%
35) Dibromofluoromethane	7.805	113	95396	55.889	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.780%
50) Toluene-d8	10.269	98	283605	43.812	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.620%
62) 4-Bromofluorobenzene	12.569	95	97764	46.535	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.080%
Target Compounds						
20) Methylene Chloride	4.799	84	29766	6.951	ug/l	Qvalue # 81

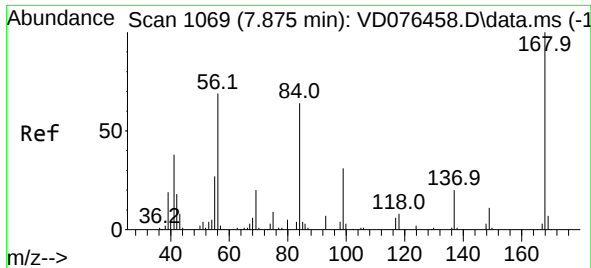
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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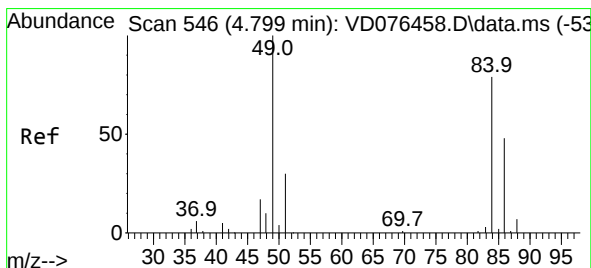
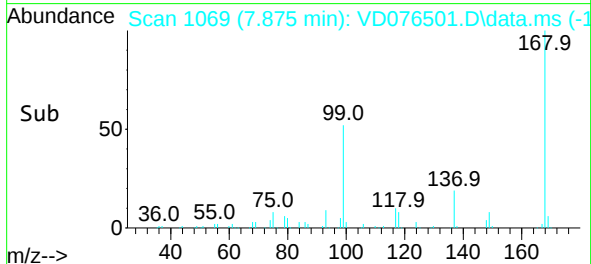
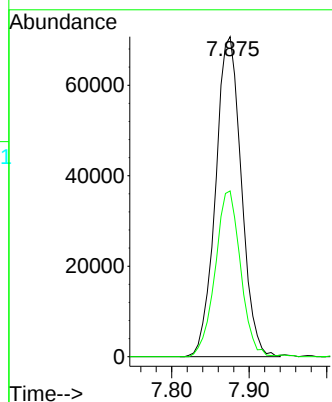
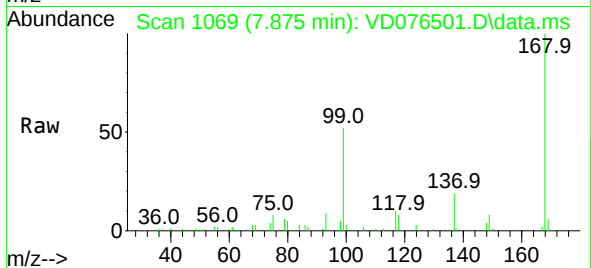




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076501.D
Acq: 20 Jun 2023 19:48

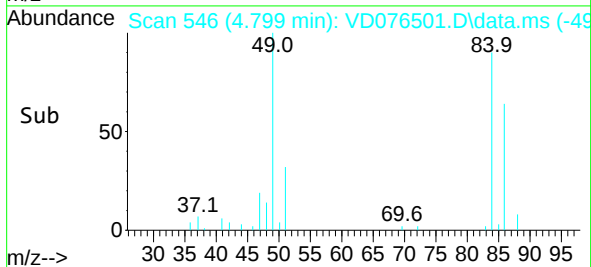
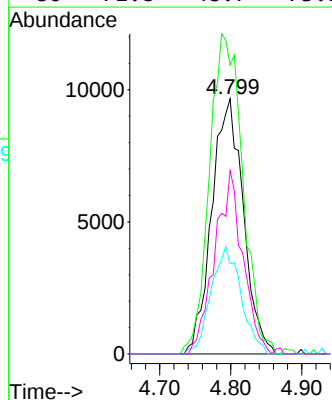
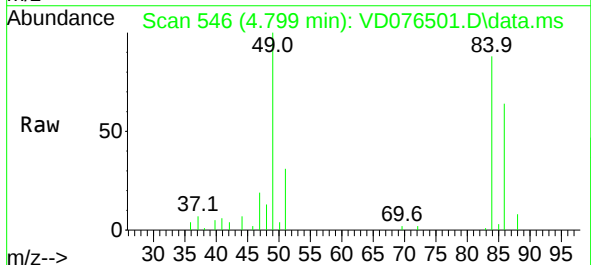
Instrument :
MSVOA_D
ClientSampleId :
HD-02-061623

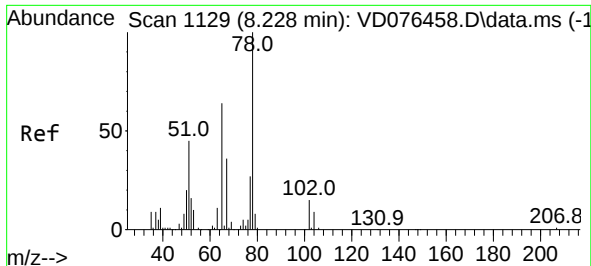
Tgt Ion:168 Resp: 163309
Ion Ratio Lower Upper
168 100
99 51.8 36.7 55.1



#20
Methylene Chloride
Concen: 6.951 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076501.D
Acq: 20 Jun 2023 19:48

Tgt Ion: 84 Resp: 29766
Ion Ratio Lower Upper
84 100
49 113.1 71.4 107.2#
51 35.4 24.5 36.7
86 71.8 48.7 73.1





#33

1,2-Dichloroethane-d4

Concen: 56.612 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076501.D

Acq: 20 Jun 2023 19:48

Instrument :

MSVOA_D

ClientSampleId :

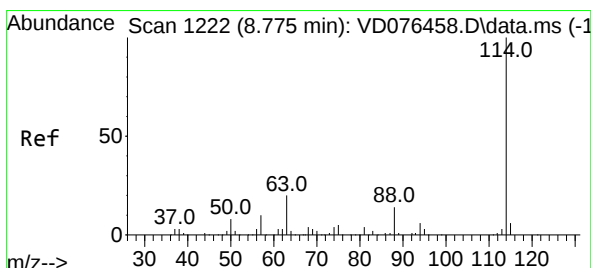
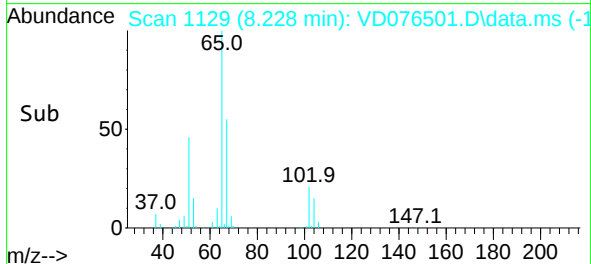
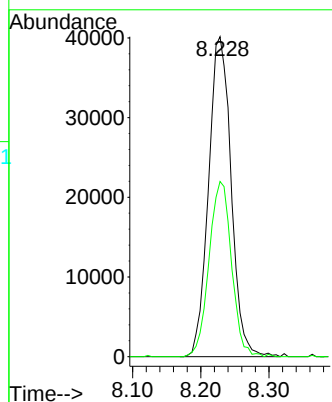
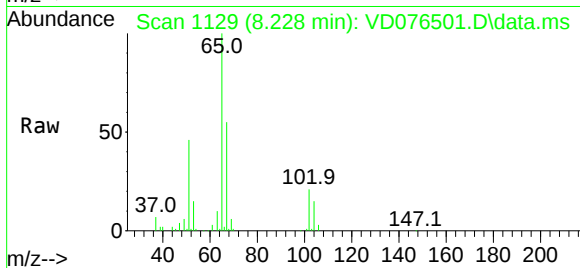
HD-02-061623

Tgt Ion: 65 Resp: 92630

Ion Ratio Lower Upper

65 100

67 54.4 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076501.D

Acq: 20 Jun 2023 19:48

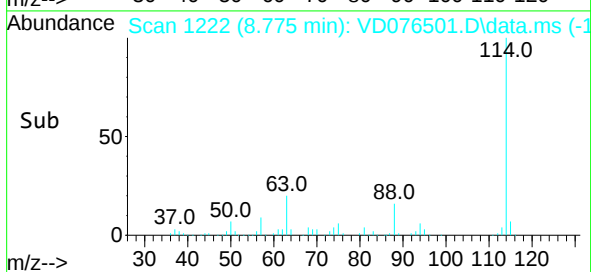
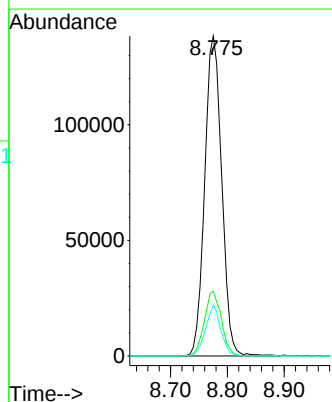
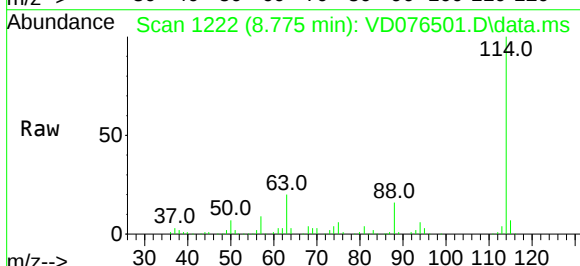
Tgt Ion: 114 Resp: 287320

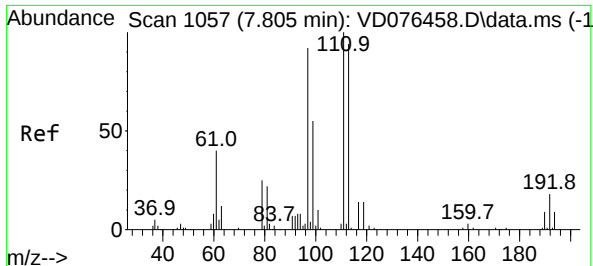
Ion Ratio Lower Upper

114 100

63 20.3 0.0 33.4

88 15.9 0.0 26.2

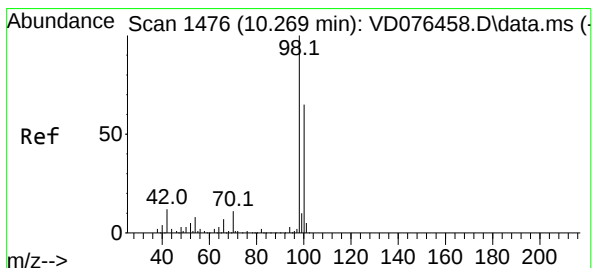
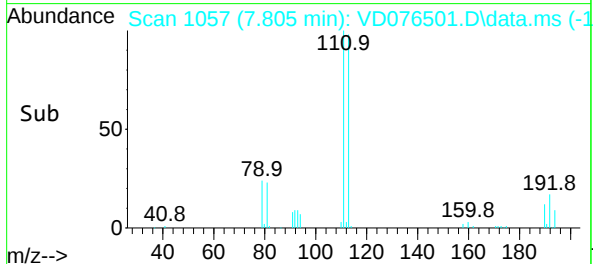
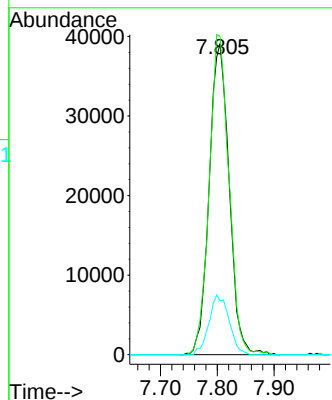
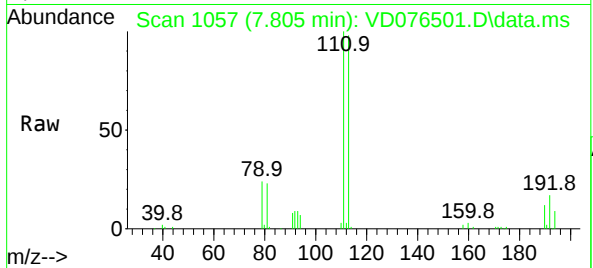




#35
Dibromofluoromethane
Concen: 55.889 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD076501.D
Acq: 20 Jun 2023 19:48

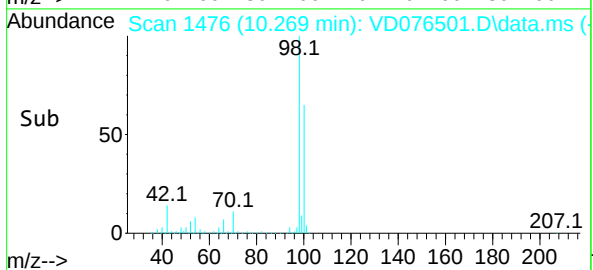
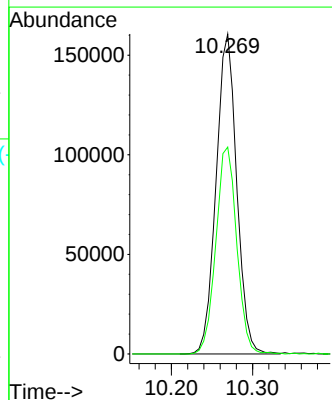
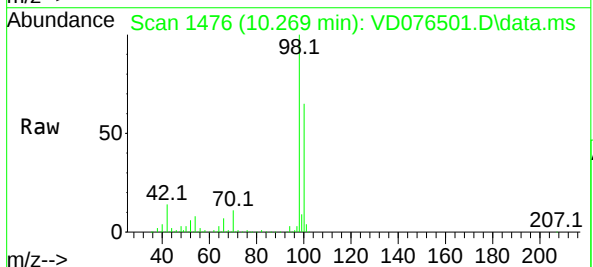
Instrument :
MSVOA_D
ClientSampleId :
HD-02-061623

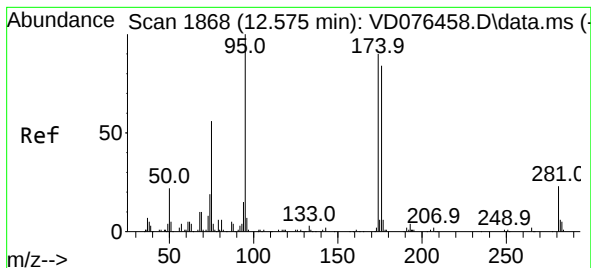
Tgt Ion:113 Resp: 95396
Ion Ratio Lower Upper
113 100
111 101.6 84.7 127.1
192 19.3 16.8 25.2



#50
Toluene-d8
Concen: 43.812 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076501.D
Acq: 20 Jun 2023 19:48

Tgt Ion: 98 Resp: 283605
Ion Ratio Lower Upper
98 100
100 65.6 50.3 75.5

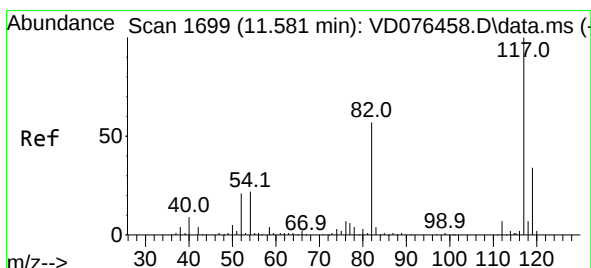
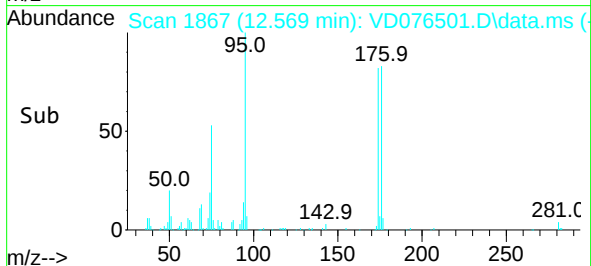
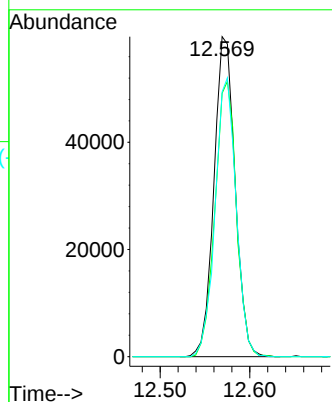
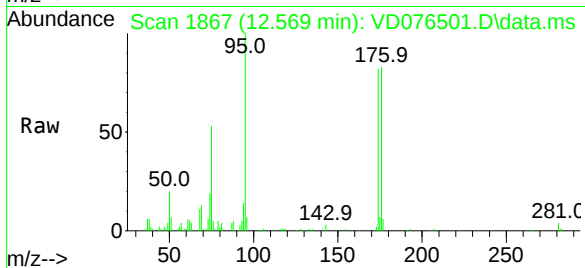




#62
4-Bromofluorobenzene
Concen: 46.535 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076501.D
Acq: 20 Jun 2023 19:48

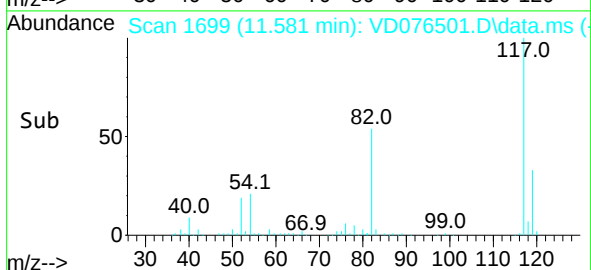
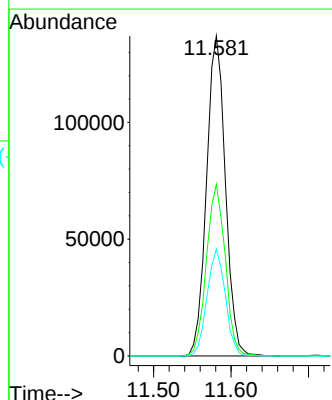
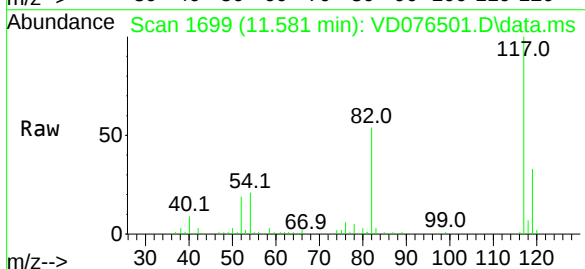
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ClientSampleId :
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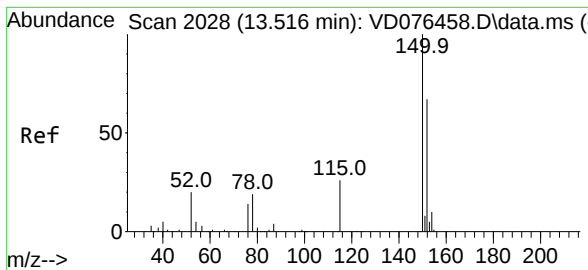
Tgt Ion:	95	Resp:	97764
Ion	Ratio	Lower	Upper
95	100		
174	87.0	0.0	201.8
176	86.3	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076501.D
Acq: 20 Jun 2023 19:48

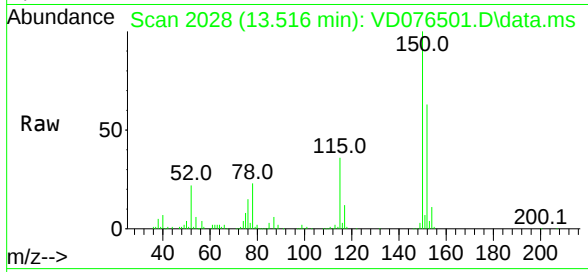
Tgt Ion:	117	Resp:	232012
Ion	Ratio	Lower	Upper
117	100		
82	53.7	38.3	57.5
119	33.4	25.0	37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD076501.D
 Acq: 20 Jun 2023 19:48

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-061623



Tgt Ion:	152	Resp:	107058
Ion	Ratio	Lower	Upper
152	100		
115	54.3	27.1	81.3
150	156.1	0.0	353.6

