

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062023\
 Data File : VD076492.D
 Acq On : 20 Jun 2023 15:16
 Operator : KP/SY
 Sample : 03310-01
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-RW11-GW-968-970

Quant Time: Jun 20 15:30:26 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)

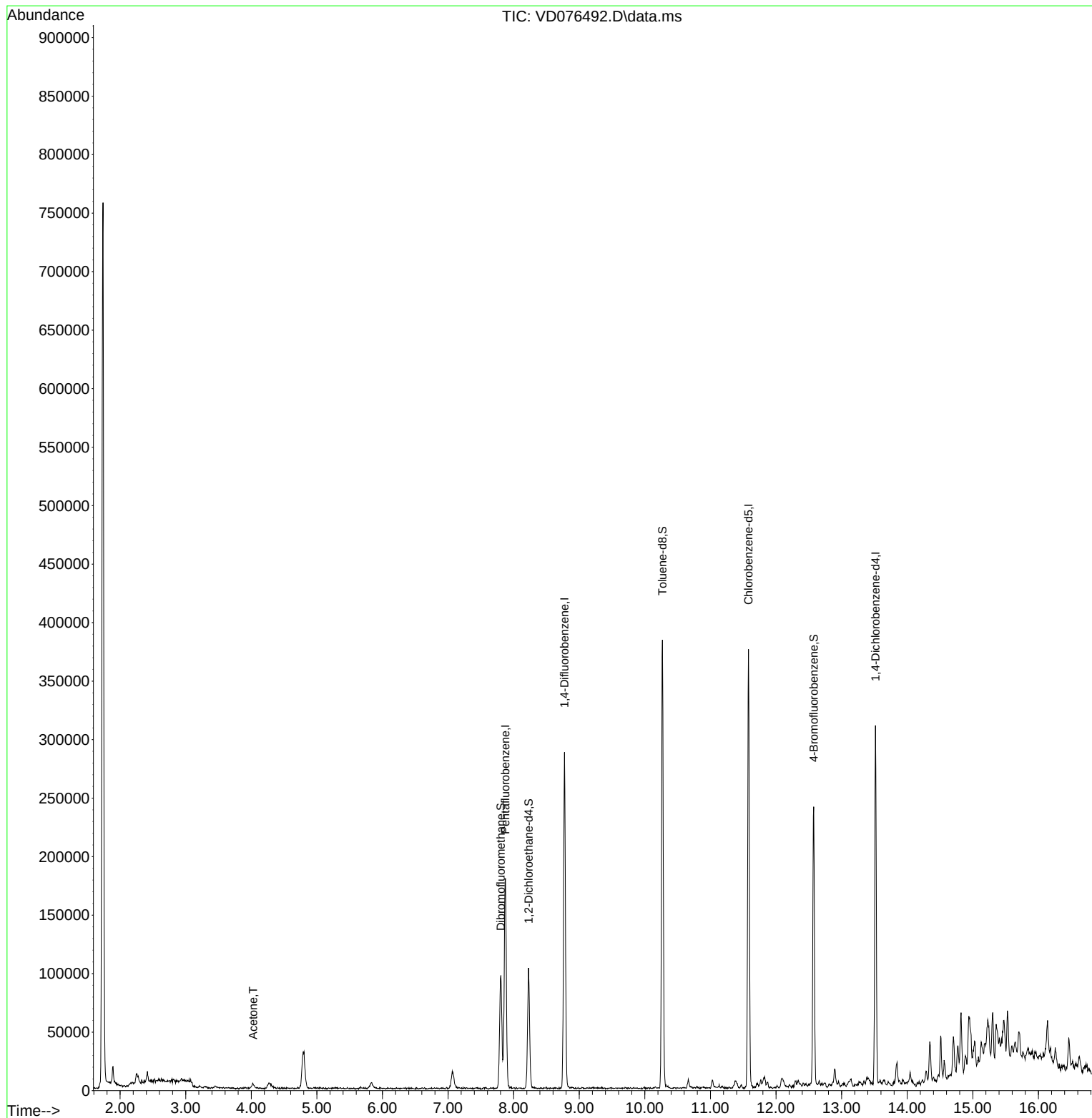
Internal Standards						
1) Pentafluorobenzene	7.875	168	143386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	242883	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	210167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	79223	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	71773	49.960	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.920%
35) Dibromofluoromethane	7.804	113	71085	49.266	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.540%
50) Toluene-d8	10.269	98	264800	48.391	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.780%
62) 4-Bromofluorobenzene	12.575	95	72194	40.651	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.300%
Target Compounds						
16) Acetone	4.028	43	6627	19.385	ug/l	Qvalue # 85

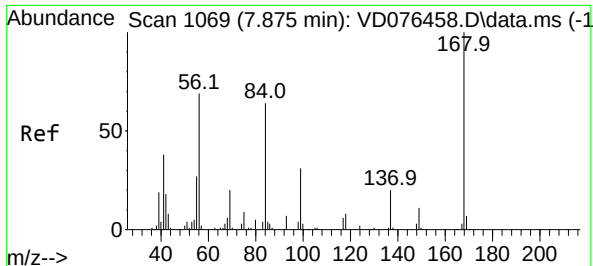
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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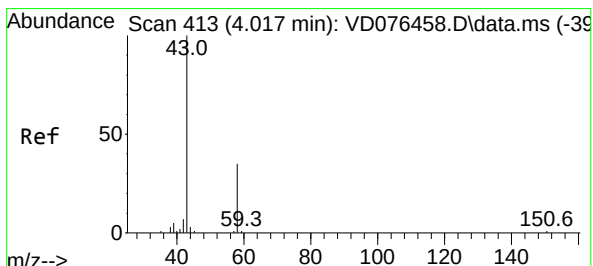
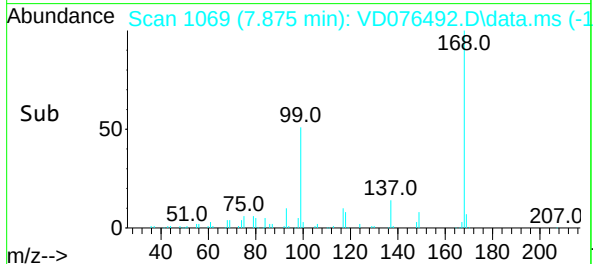
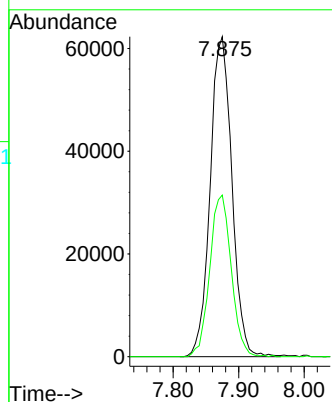
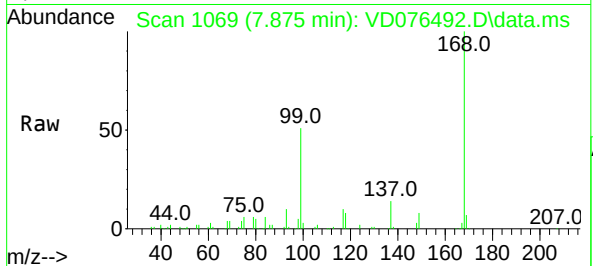




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076492.D
Acq: 20 Jun 2023 15:16

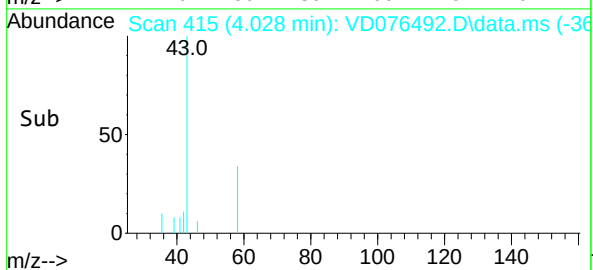
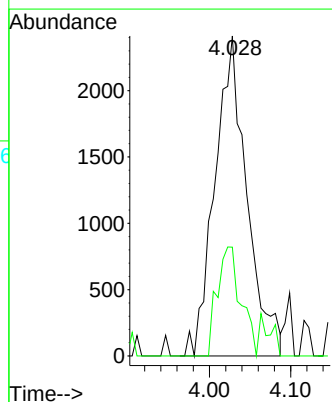
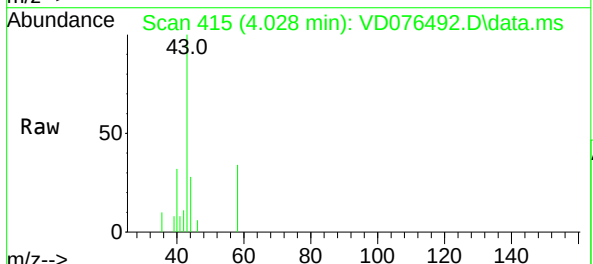
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW11-GW-968-970

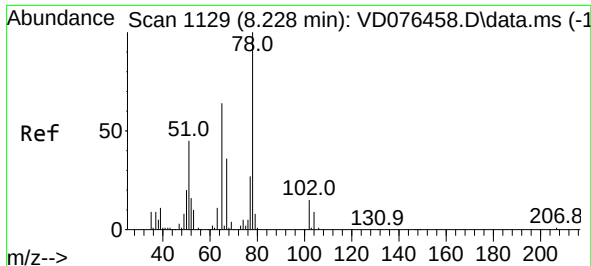
Tgt Ion:168 Resp: 143386
Ion Ratio Lower Upper
168 100
99 50.5 36.7 55.1



#16
Acetone
Concen: 19.385 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.012 min
Lab File: VD076492.D
Acq: 20 Jun 2023 15:16

Tgt Ion: 43 Resp: 6627
Ion Ratio Lower Upper
43 100
58 34.0 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 49.960 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076492.D

Acq: 20 Jun 2023 15:16

Instrument :

MSVOA_D

ClientSampleId :

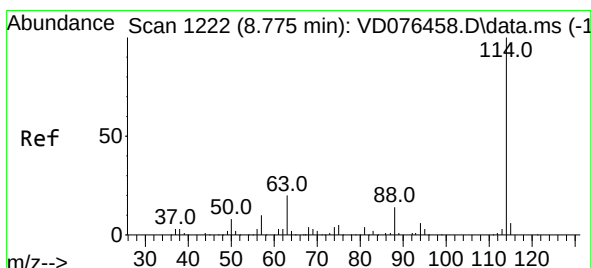
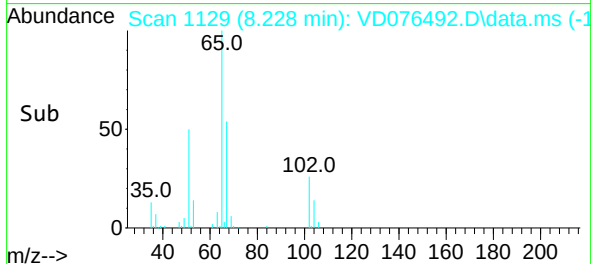
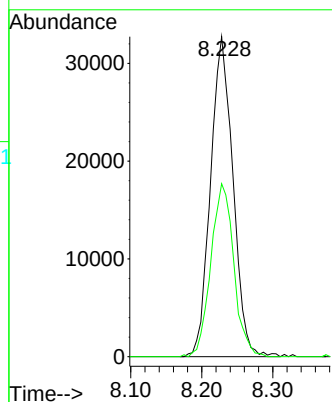
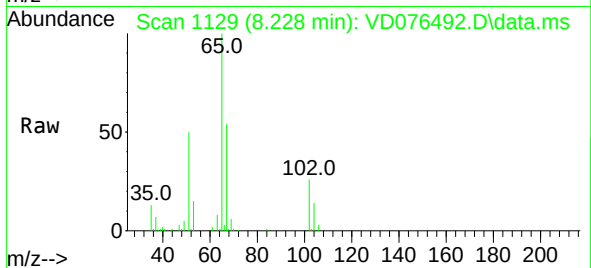
BP-VPB-RW11-GW-968-970

Tgt Ion: 65 Resp: 71773

Ion Ratio Lower Upper

65 100

67 55.3 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: VD076492.D

Acq: 20 Jun 2023 15:16

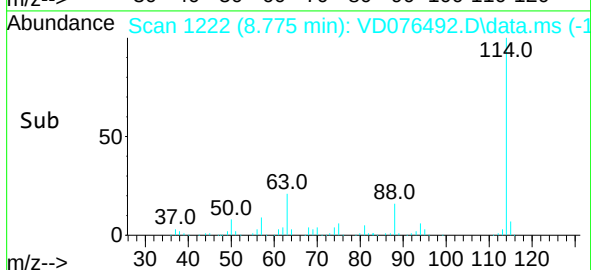
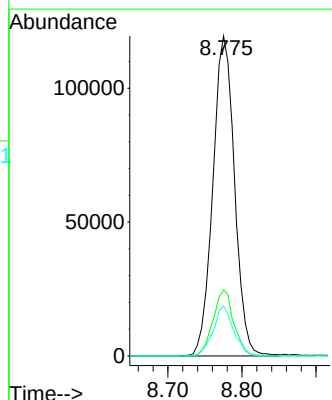
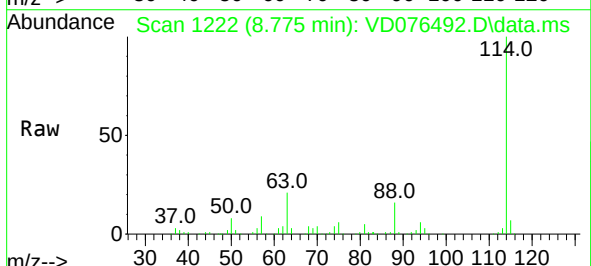
Tgt Ion: 114 Resp: 242883

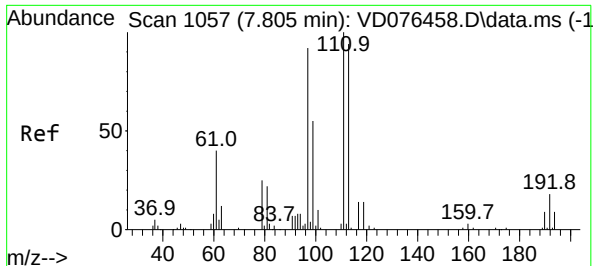
Ion Ratio Lower Upper

114 100

63 20.7 0.0 33.4

88 15.5 0.0 26.2





#35

Dibromofluoromethane

Concen: 49.266 ug/l

RT: 7.804 min Scan# 110

Delta R.T. -0.000 min

Lab File: VD076492.D

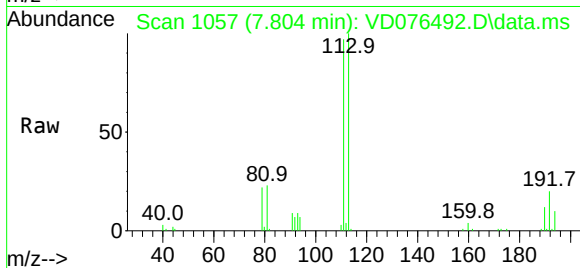
Acq: 20 Jun 2023 15:16

Instrument :

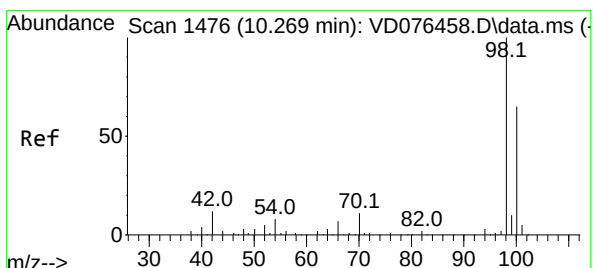
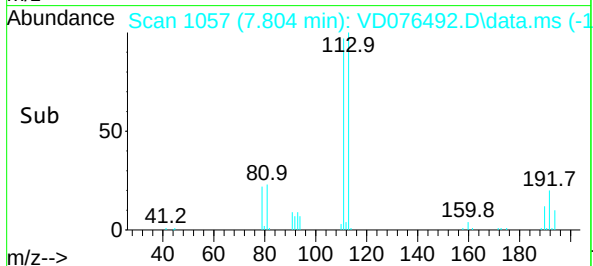
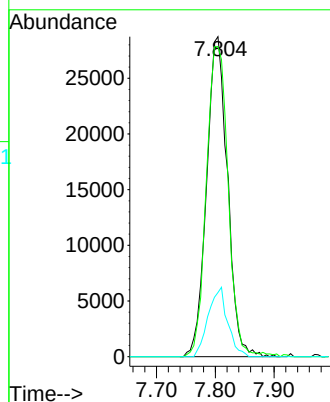
MSVOA_D

ClientSampleId :

BP-VPB-RW11-GW-968-970



Tgt Ion:113	Resp:	71085
Ion	Ratio	Lower Upper
113	100	
111	100.4	84.7 127.1
192	20.0	16.8 25.2



#50

Toluene-d8

Concen: 48.391 ug/l

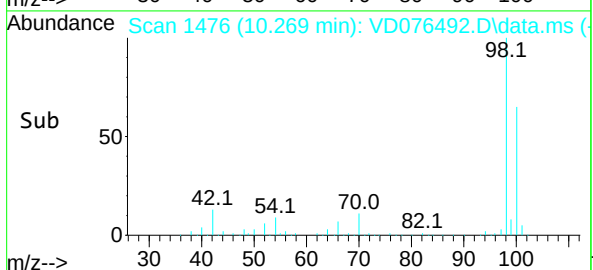
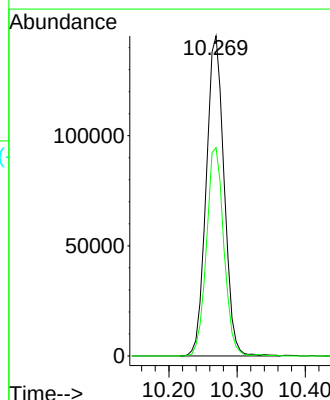
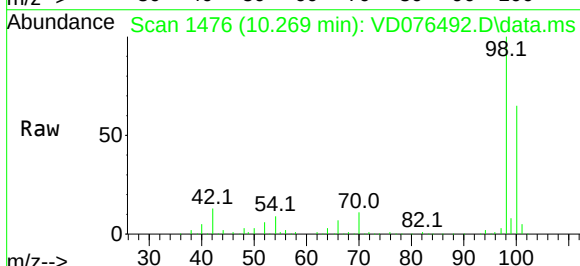
RT: 10.269 min Scan# 1476

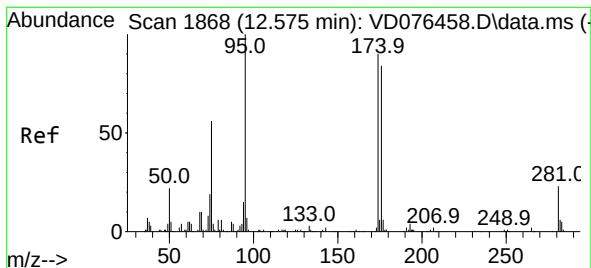
Delta R.T. -0.000 min

Lab File: VD076492.D

Acq: 20 Jun 2023 15:16

Tgt Ion: 98	Resp:	264800
Ion	Ratio	Lower Upper
98	100	
100	63.3	50.3 75.5

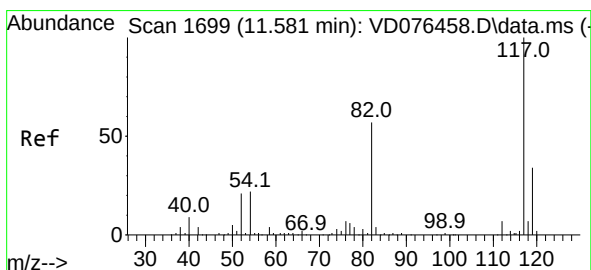
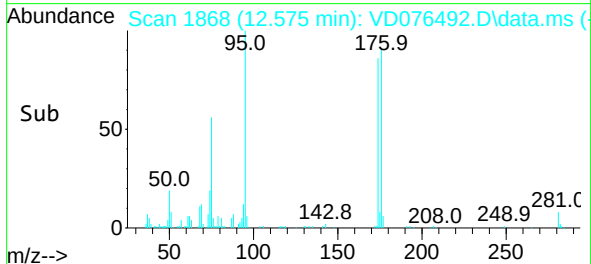
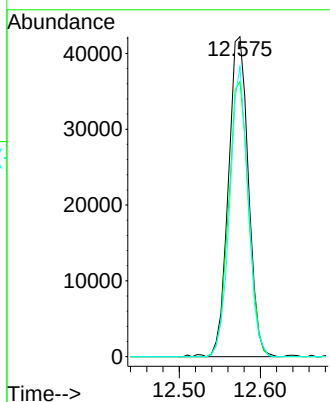
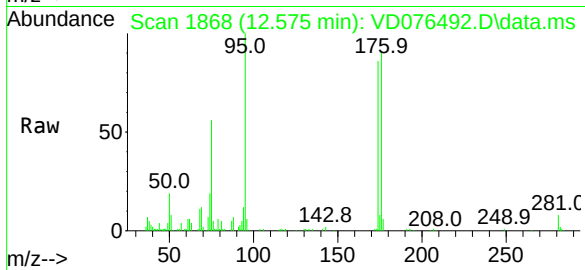




#62
4-Bromofluorobenzene
Concen: 40.651 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076492.D
Acq: 20 Jun 2023 15:16

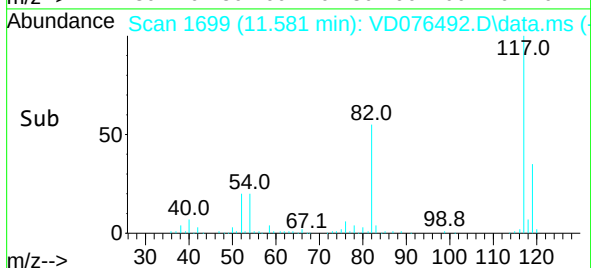
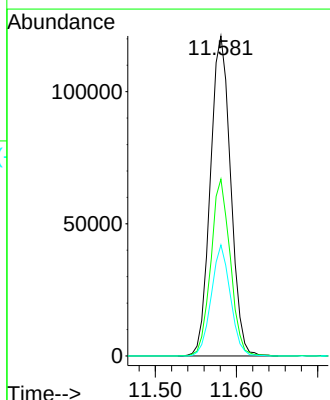
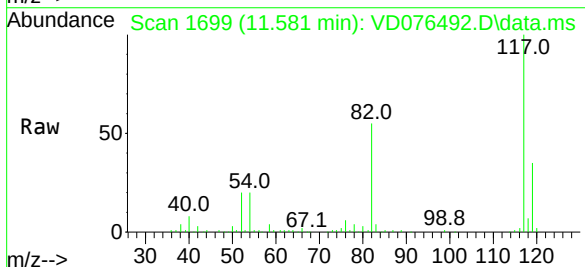
Instrument :
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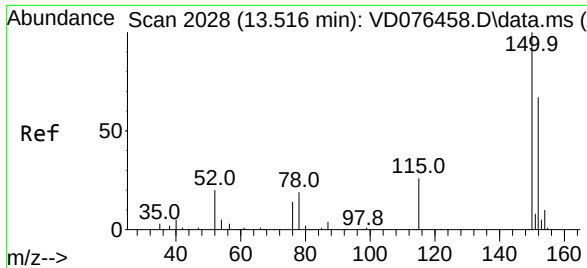
Tgt Ion:	95	Resp:	72194
Ion	Ratio	Lower	Upper
95	100		
174	85.5	0.0	201.8
176	83.0	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076492.D
Acq: 20 Jun 2023 15:16

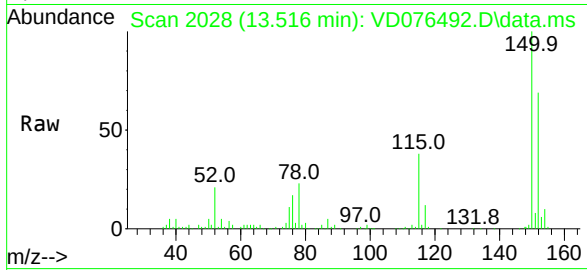
Tgt Ion:	117	Resp:	210167
Ion	Ratio	Lower	Upper
117	100		
82	55.3	38.3	57.5
119	34.7	25.0	37.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD076492.D
Acq: 20 Jun 2023 15:16

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW11-GW-968-970



Tgt Ion:152 Resp: 79223
Ion Ratio Lower Upper
152 100
115 55.8 27.1 81.3
150 155.7 0.0 353.6

