

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072823\
 Data File : VD076851.D
 Acq On : 28 Jul 2023 13:29
 Operator : KP/SY
 Sample : 03770-04
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DEL-2-RP

Quant Time: Jul 28 23:34:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

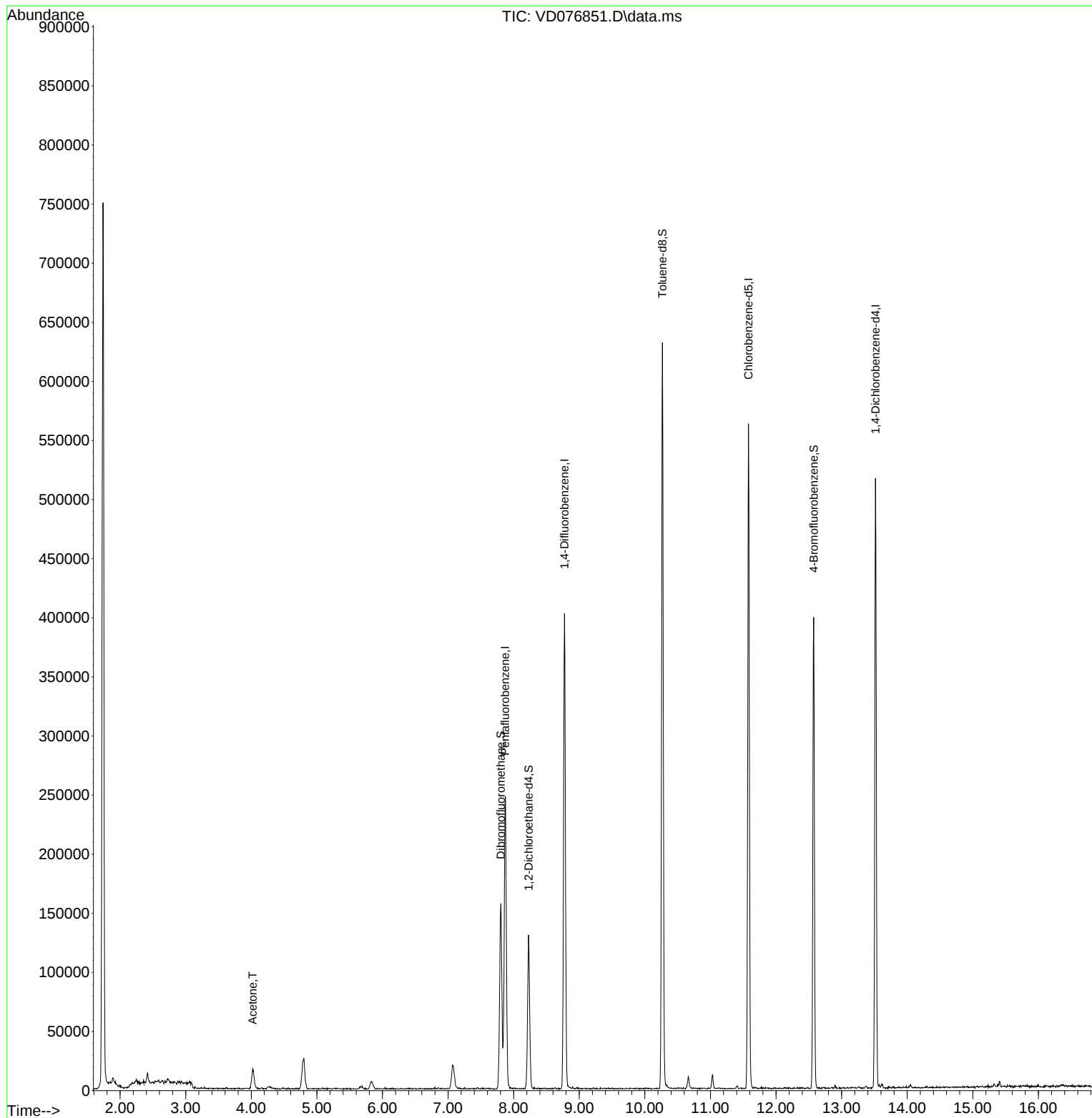
Internal Standards						
1) Pentafluorobenzene	7.869	168	191770	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	362259	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	333659	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	139980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	93160	48.773	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.540%
35) Dibromofluoromethane	7.804	113	116063	50.984	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.960%
50) Toluene-d8	10.269	98	442421	54.326	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.660%
62) 4-Bromofluorobenzene	12.575	95	123706	46.956	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.920%
Target Compounds						
16) Acetone	4.022	43	27891	61.142	ug/l	Qvalue 98

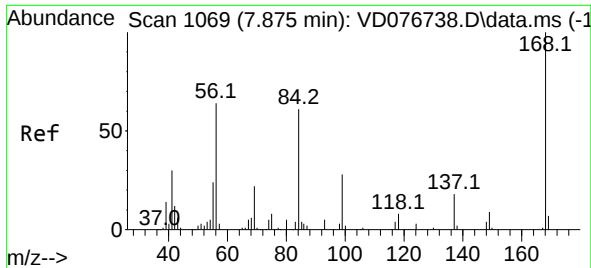
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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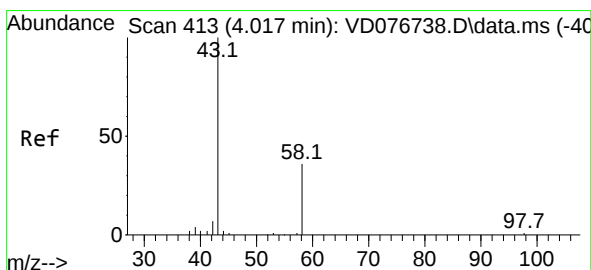
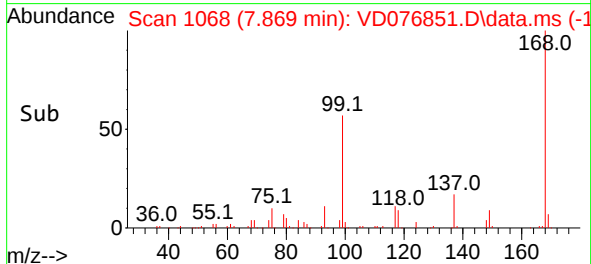
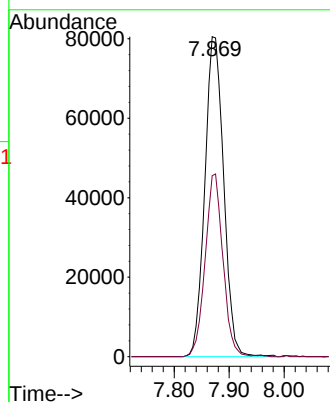
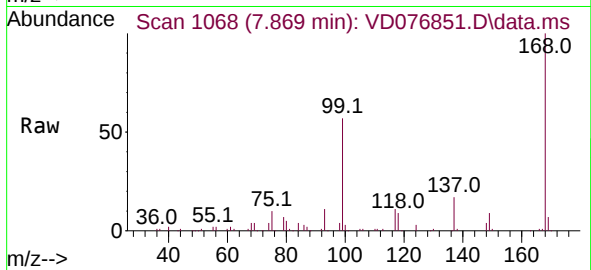




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076851.D
Acq: 28 Jul 2023 13:29

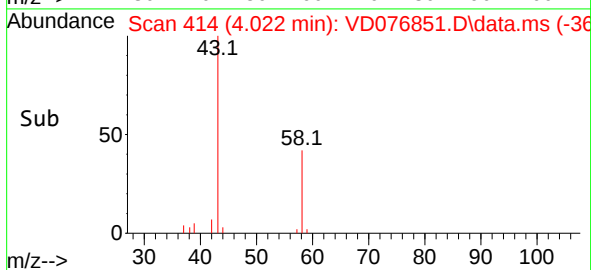
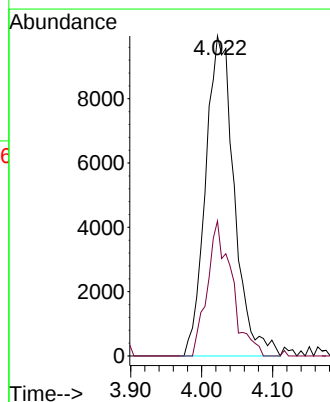
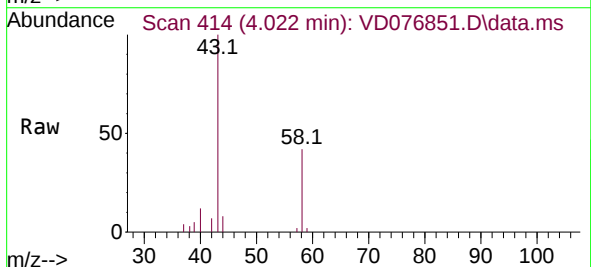
Instrument :
MSVOA_D
ClientSampleId :
DEL-2-RP

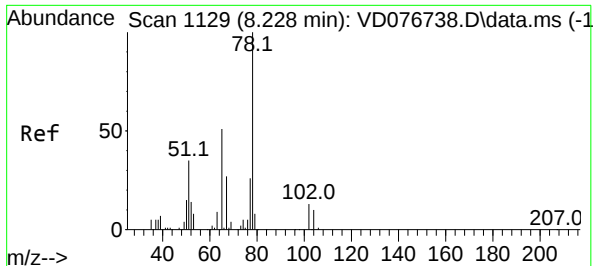
Tgt Ion:168 Resp: 191770
Ion Ratio Lower Upper
168 100
99 56.5 36.7 55.1#



#16
Acetone
Concen: 61.142 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD076851.D
Acq: 28 Jul 2023 13:29

Tgt Ion: 43 Resp: 27891
Ion Ratio Lower Upper
43 100
58 42.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 48.773 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076851.D

Acq: 28 Jul 2023 13:29

Instrument :

MSVOA_D

ClientSampleId :

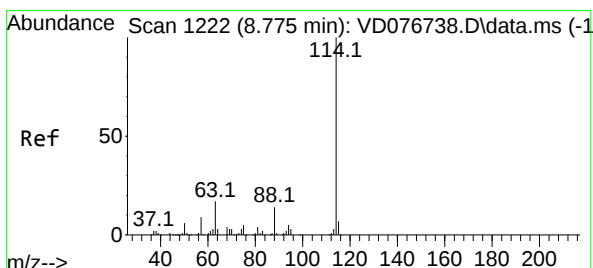
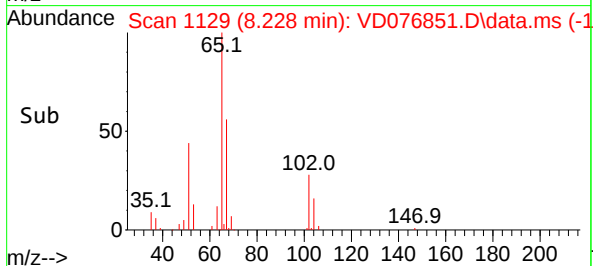
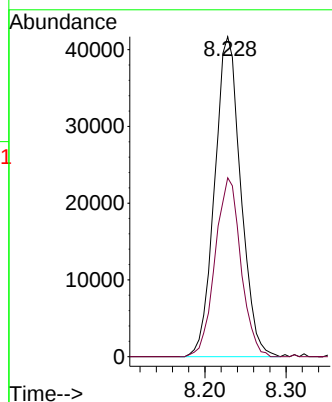
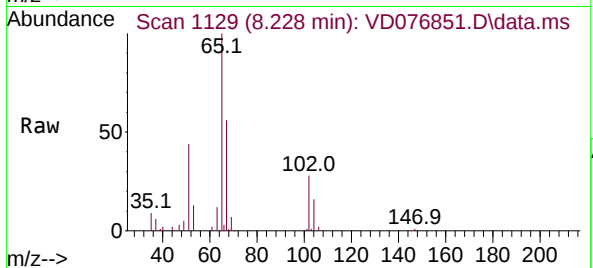
DEL-2-RP

Tgt Ion: 65 Resp: 93160

Ion Ratio Lower Upper

65 100

67 55.1 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: VD076851.D

Acq: 28 Jul 2023 13:29

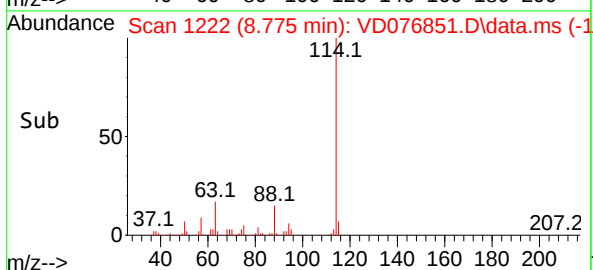
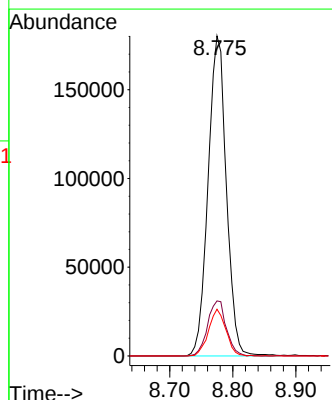
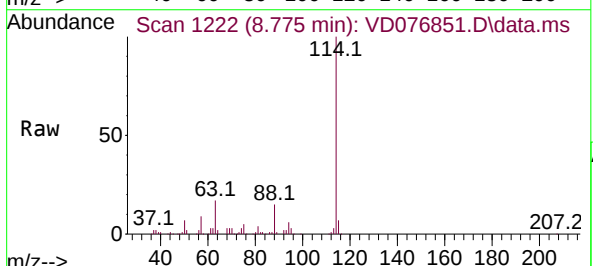
Tgt Ion: 114 Resp: 362259

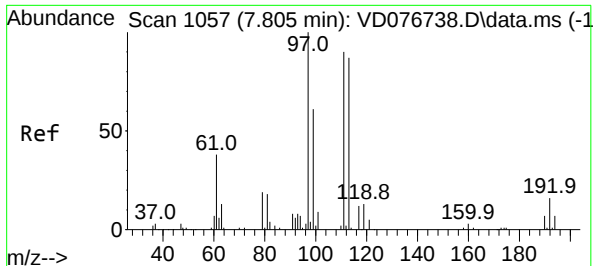
Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.4

88 14.6 0.0 26.2

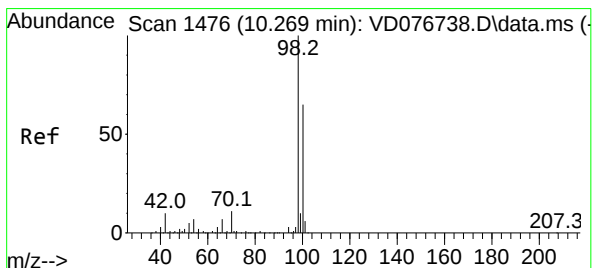
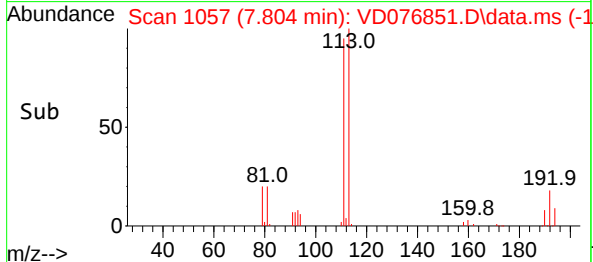
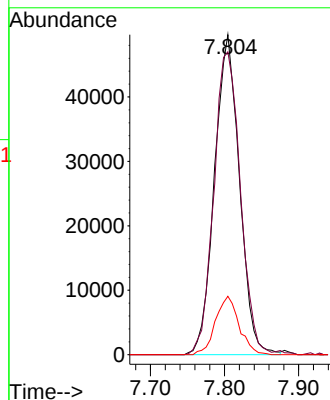
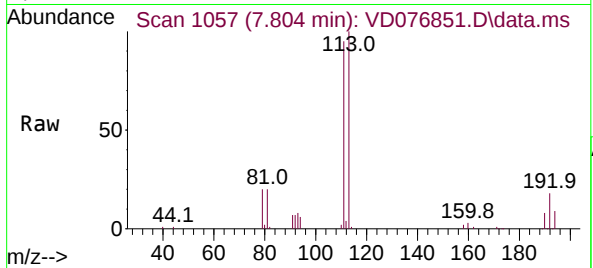




#35
Dibromofluoromethane
Concen: 50.984 ug/l
RT: 7.804 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD076851.D
Acq: 28 Jul 2023 13:29

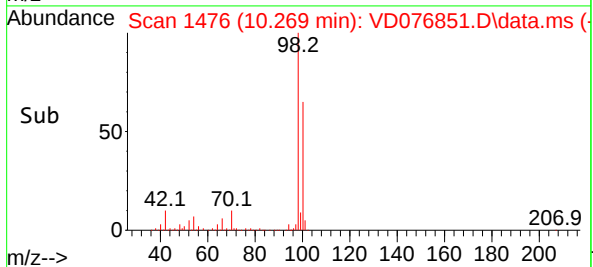
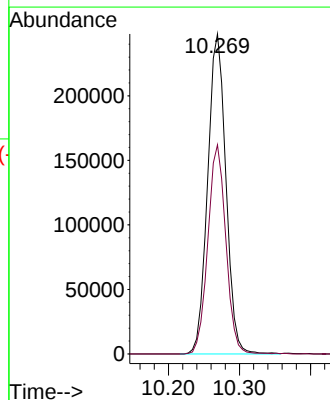
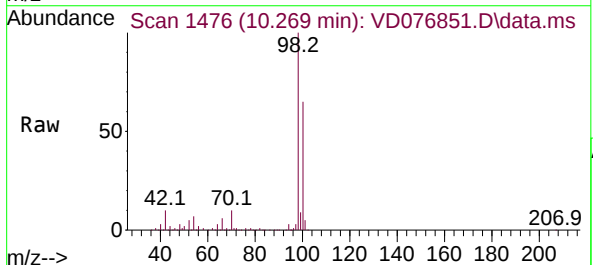
Instrument :
MSVOA_D
ClientSampleId :
DEL-2-RP

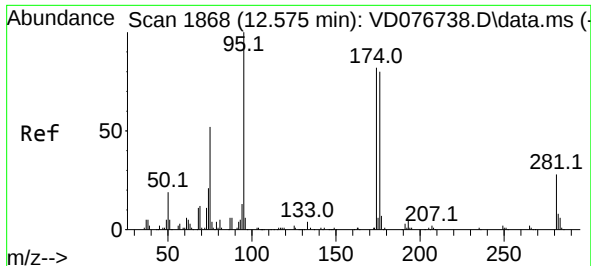
Tgt Ion:113 Resp: 116063
Ion Ratio Lower Upper
113 100
111 101.1 84.7 127.1
192 17.3 16.8 25.2



#50
Toluene-d8
Concen: 54.326 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076851.D
Acq: 28 Jul 2023 13:29

Tgt Ion: 98 Resp: 442421
Ion Ratio Lower Upper
98 100
100 64.4 50.3 75.5

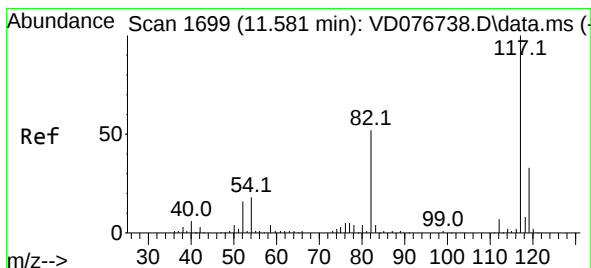
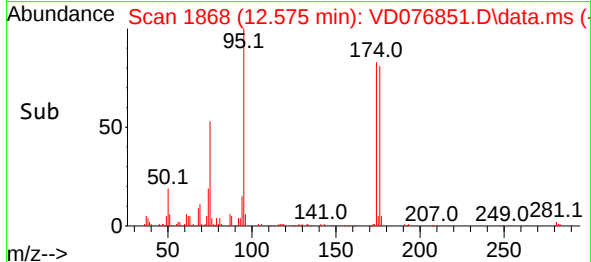
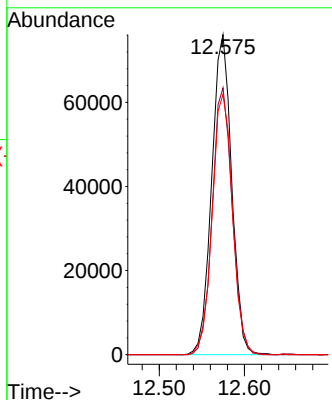
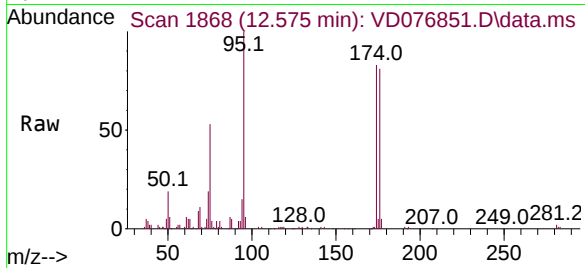




#62
4-Bromofluorobenzene
Concen: 46.956 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076851.D
Acq: 28 Jul 2023 13:29

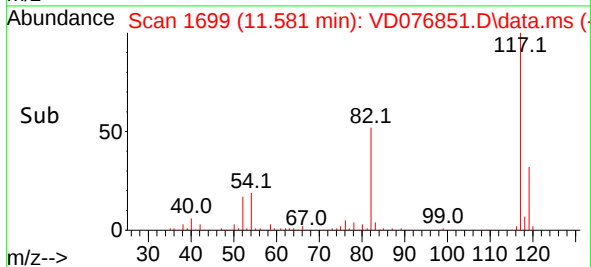
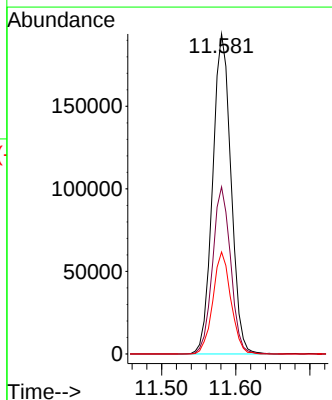
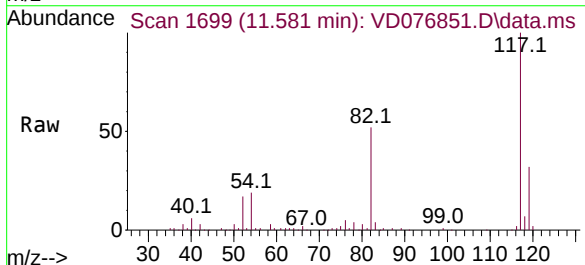
Instrument :
MSVOA_D
ClientSampleId :
DEL-2-RP

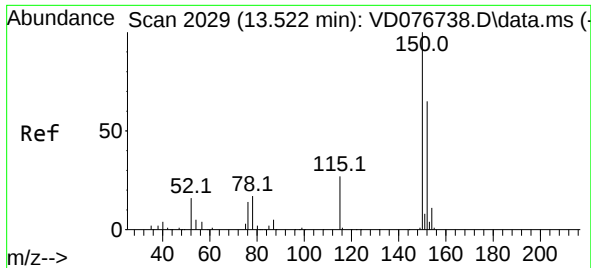
Tgt Ion: 95 Resp: 123706
Ion Ratio Lower Upper
95 100
174 83.4 0.0 201.8
176 82.4 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076851.D
Acq: 28 Jul 2023 13:29

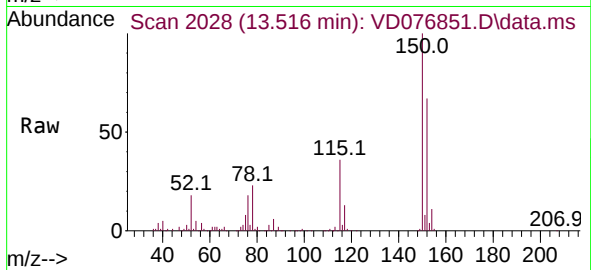
Tgt Ion: 117 Resp: 333659
Ion Ratio Lower Upper
117 100
82 52.2 38.3 57.5
119 31.9 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD076851.D
 Acq: 28 Jul 2023 13:29

Instrument :
 MSVOA_D
 ClientSampleId :
 DEL-2-RP



Tgt Ion:152 Resp: 139980
 Ion Ratio Lower Upper
 152 100
 115 55.6 27.1 81.3
 150 155.6 0.0 353.6

