

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062023\
 Data File : VD076499.D
 Acq On : 20 Jun 2023 18:48
 Operator : KP/SY
 Sample : 03316-01
 Misc : 4.99G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-4-061623

Quant Time: Jun 21 06:49:50 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)

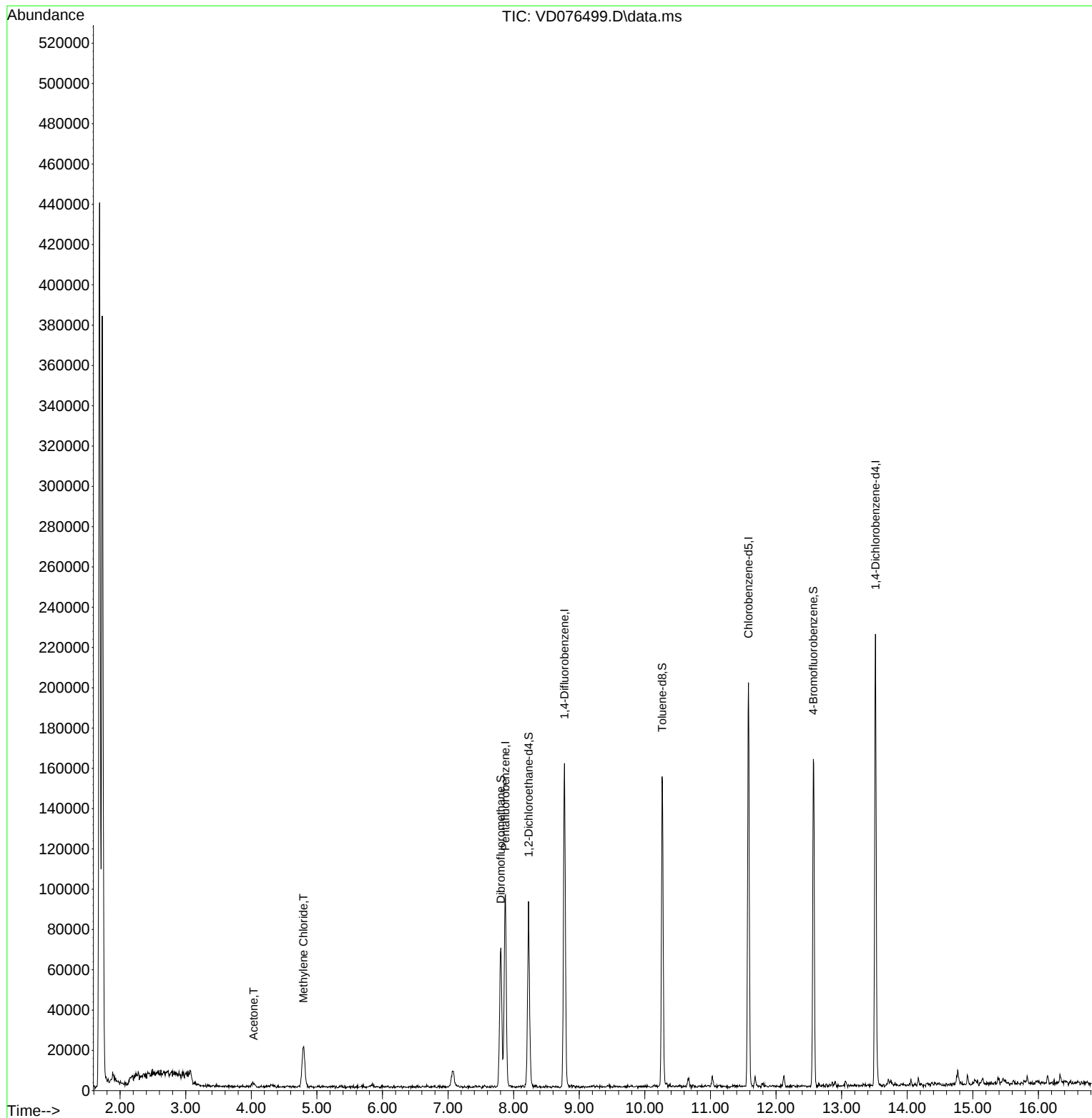
Internal Standards						
1) Pentafluorobenzene	7.875	168	74682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	137805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	115395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	57281	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	60768	81.214	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	162.420%
35) Dibromofluoromethane	7.805	113	48168	58.838	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.680%
50) Toluene-d8	10.263	98	104425	33.634	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	67.260%
62) 4-Bromofluorobenzene	12.569	95	50778	50.394	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.780%
Target Compounds						Qvalue
16) Acetone	4.034	43	3456	19.410	ug/l	87
20) Methylene Chloride	4.793	84	14443	7.937	ug/l #	77

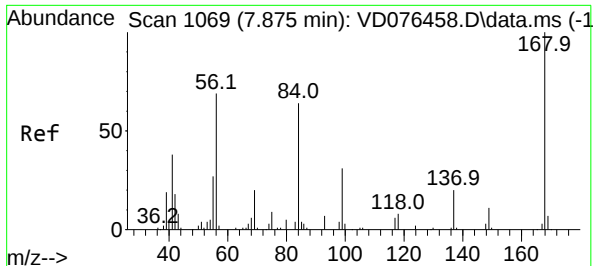
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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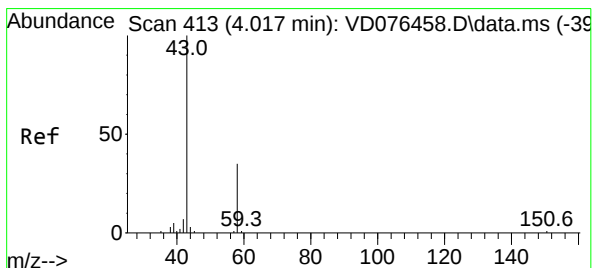
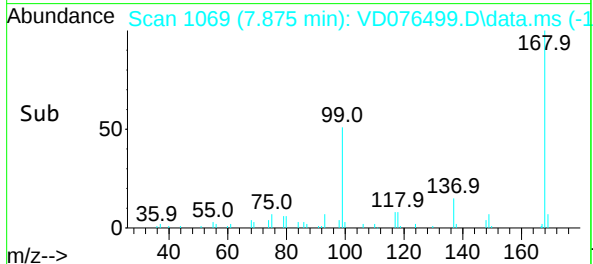
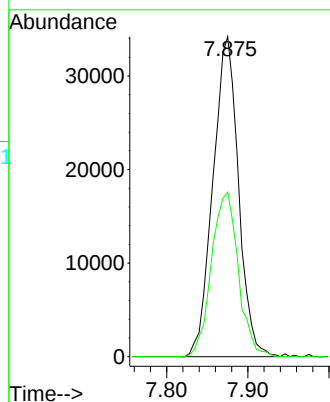
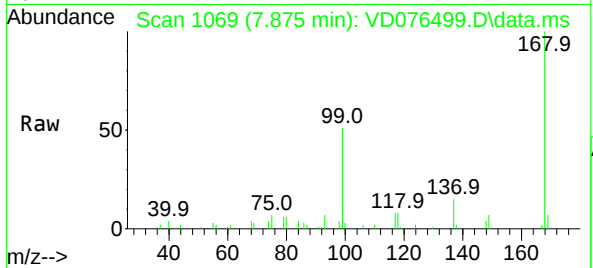




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076499.D
Acq: 20 Jun 2023 18:48

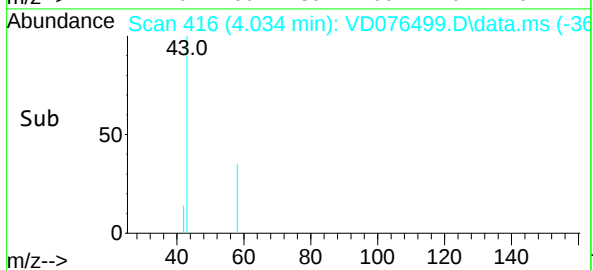
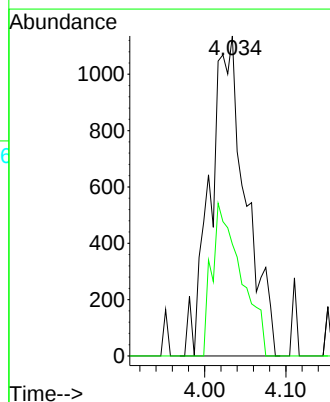
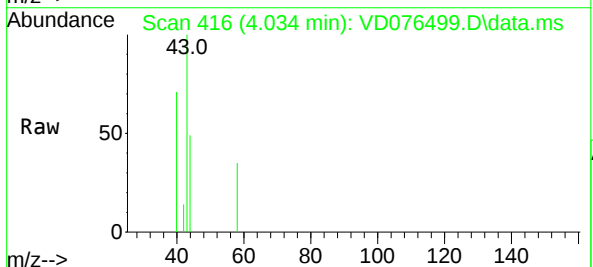
Instrument :
MSVOA_D
ClientSampleId :
SU-4-061623

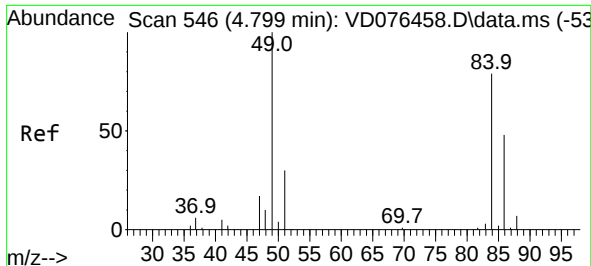
Tgt Ion:168 Resp: 74682
Ion Ratio Lower Upper
168 100
99 51.4 36.7 55.1



#16
Acetone
Concen: 19.410 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.018 min
Lab File: VD076499.D
Acq: 20 Jun 2023 18:48

Tgt Ion: 43 Resp: 3456
Ion Ratio Lower Upper
43 100
58 34.9 34.7 52.1

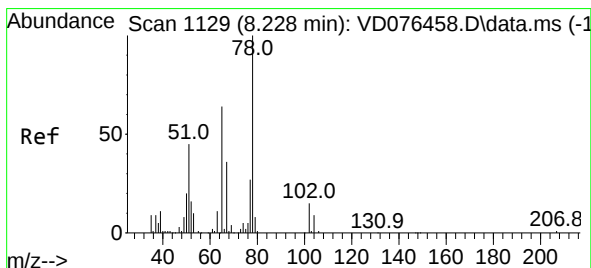
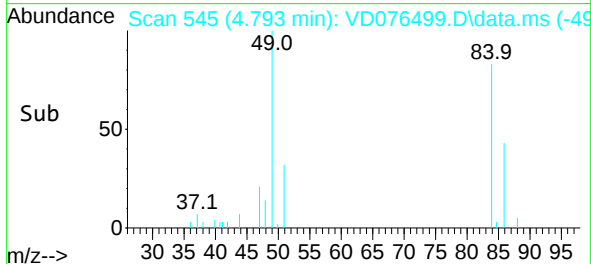
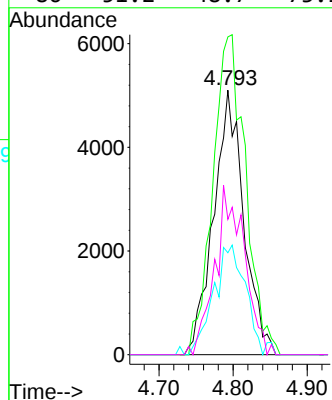
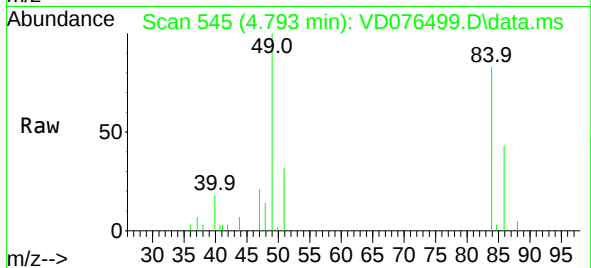




#20
Methylene Chloride
Concen: 7.937 ug/l
RT: 4.793 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD076499.D
Acq: 20 Jun 2023 18:48

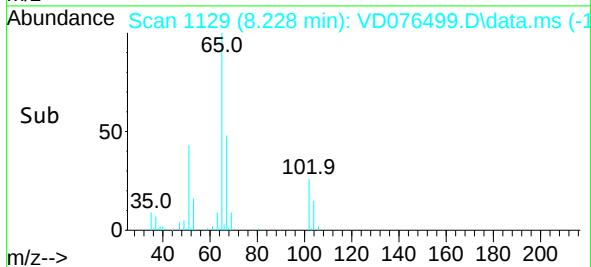
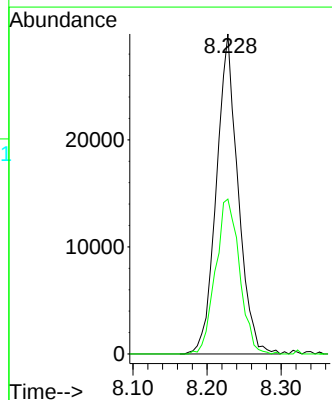
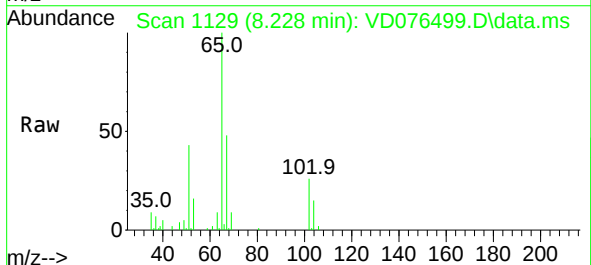
Instrument :
MSVOA_D
ClientSampleId :
SU-4-061623

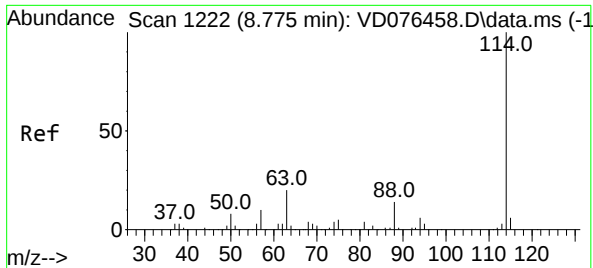
Tgt Ion: 84	Resp: 14443
Ion Ratio	Lower Upper
84 100	
49 120.1	71.4 107.2#
51 38.5	24.5 36.7#
86 51.2	48.7 73.1



#33
1,2-Dichloroethane-d4
Concen: 81.214 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076499.D
Acq: 20 Jun 2023 18:48

Tgt Ion: 65	Resp: 60768
Ion Ratio	Lower Upper
65 100	
67 53.6	0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076499.D

Acq: 20 Jun 2023 18:48

Instrument :

MSVOA_D

ClientSampleId :

SU-4-061623

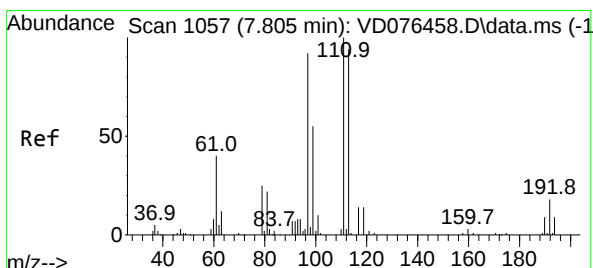
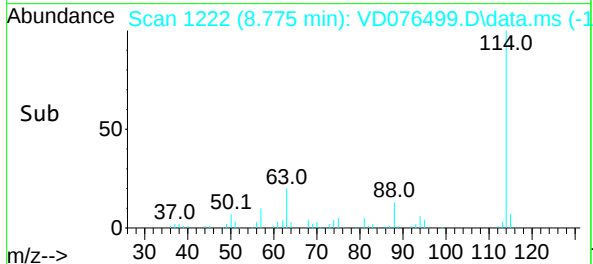
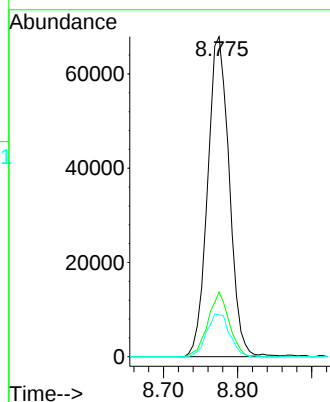
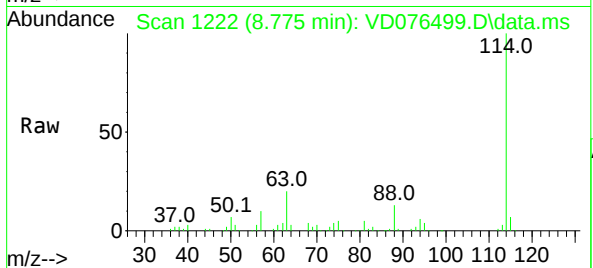
Tgt Ion:114 Resp: 137805

Ion Ratio Lower Upper

114 100

63 20.2 0.0 33.4

88 13.1 0.0 26.2



#35

Dibromofluoromethane

Concen: 58.838 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076499.D

Acq: 20 Jun 2023 18:48

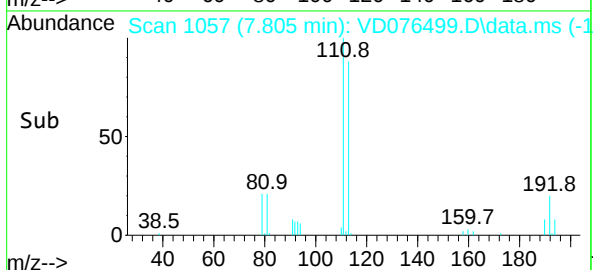
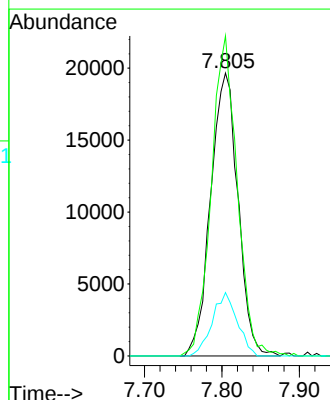
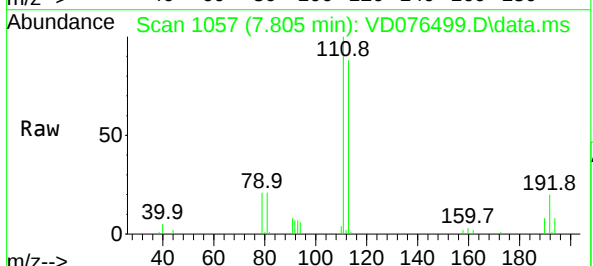
Tgt Ion:113 Resp: 48168

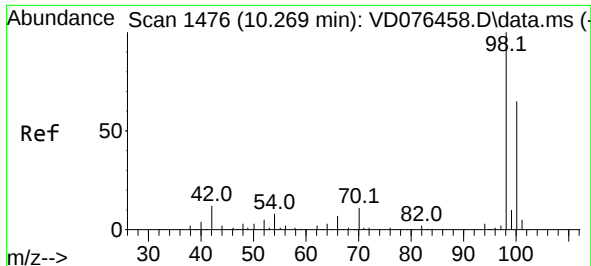
Ion Ratio Lower Upper

113 100

111 107.3 84.7 127.1

192 20.5 16.8 25.2

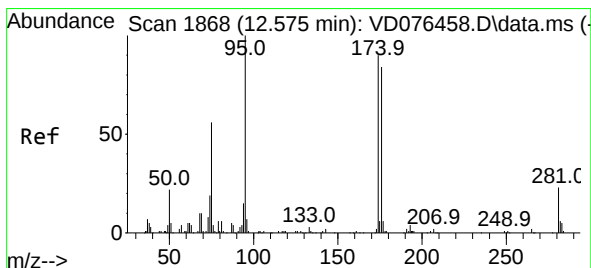
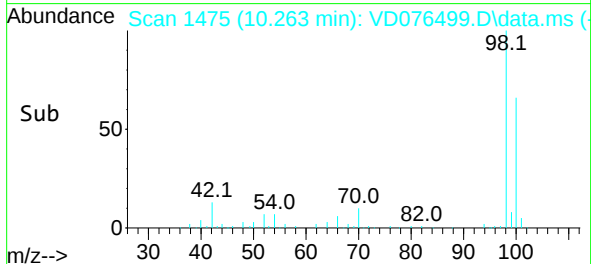
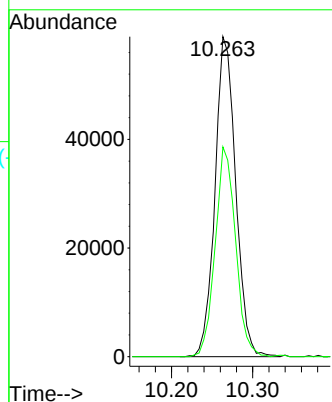
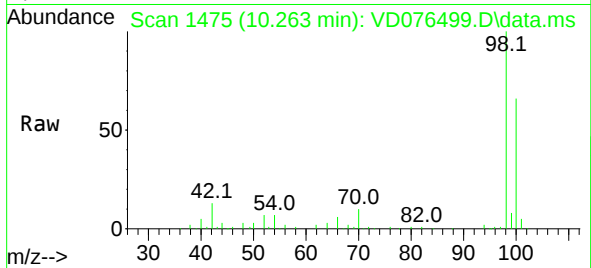




#50
Toluene-d8
Concen: 33.634 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD076499.D
Acq: 20 Jun 2023 18:48

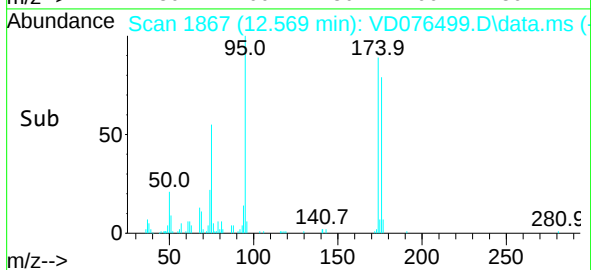
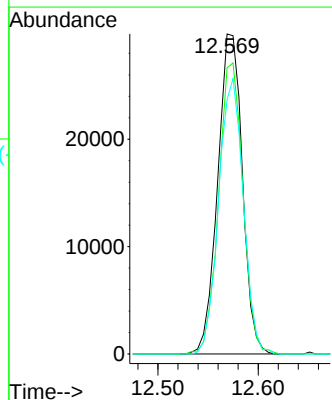
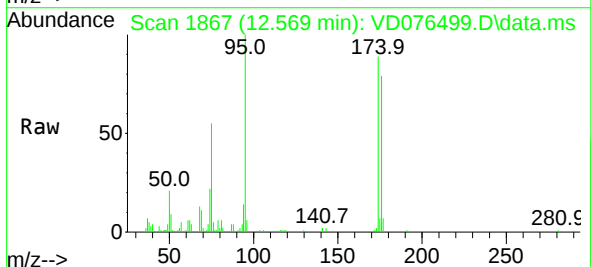
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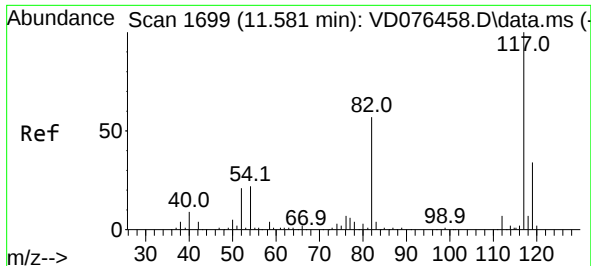
Tgt Ion: 98 Resp: 104425
Ion Ratio Lower Upper
98 100
100 64.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 50.394 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076499.D
Acq: 20 Jun 2023 18:48

Tgt Ion: 95 Resp: 50778
Ion Ratio Lower Upper
95 100
174 89.8 0.0 201.8
176 85.8 0.0 191.8

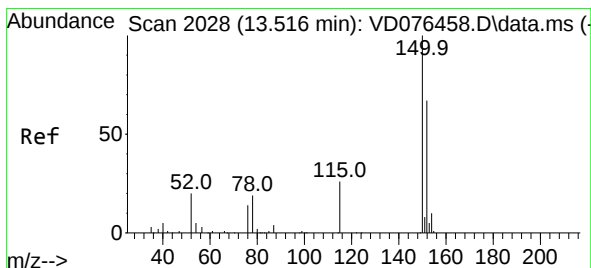
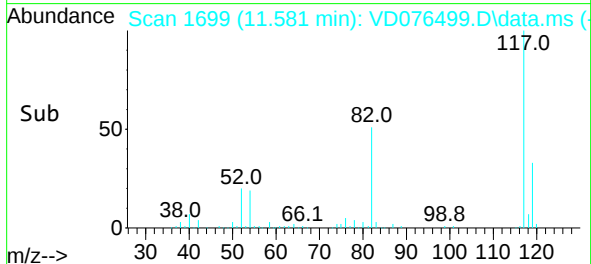
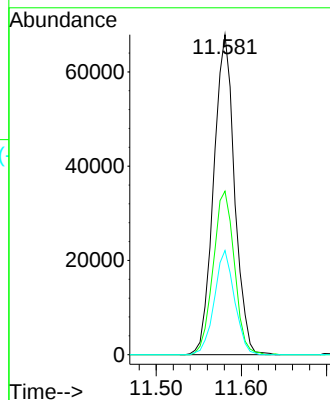
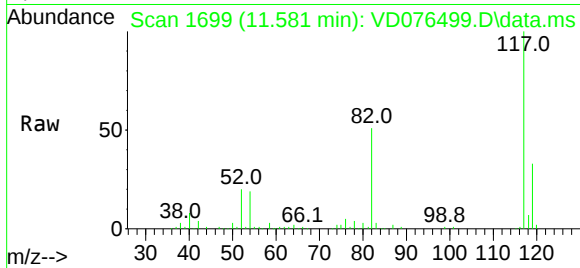




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076499.D
Acq: 20 Jun 2023 18:48

Instrument :
MSVOA_D
ClientSampleId :
SU-4-061623

Tgt Ion:117 Resp: 115395
Ion Ratio Lower Upper
117 100
82 51.1 38.3 57.5
119 32.5 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD076499.D
Acq: 20 Jun 2023 18:48

Tgt Ion:152 Resp: 57281
Ion Ratio Lower Upper
152 100
115 56.6 27.1 81.3
150 158.2 0.0 353.6

