

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061923\
 Data File : VD076473.D
 Acq On : 19 Jun 2023 16:43
 Operator : KP/SY
 Sample : 03289-02
 Misc : 5.09G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-4.0-6.0

Quant Time: Jun 20 05:26:20 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)

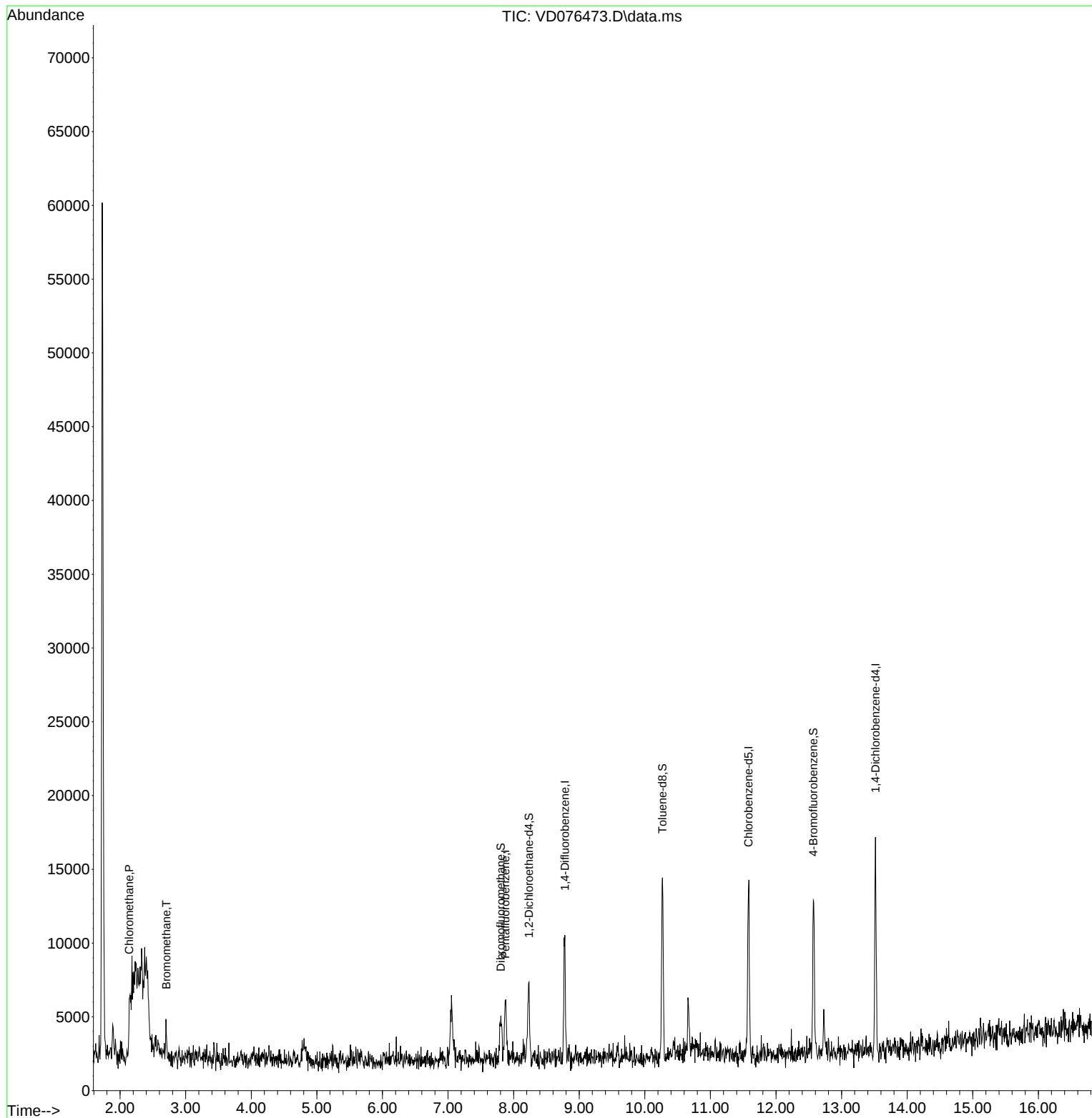
Internal Standards						
1) Pentafluorobenzene	7.875	168	3745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	6899	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	7221	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	3823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	3570	95.145	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 190.280%#	
35) Dibromofluoromethane	7.805	113	2537	61.901	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 123.800%	
50) Toluene-d8	10.269	98	8774	56.449	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.900%	
62) 4-Bromofluorobenzene	12.569	95	2892	57.330	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 114.660%	
Target Compounds						
						Qvalue
3) Chloromethane	2.140	50	703	11.878	ug/l	98
5) Bromomethane	2.705	94	465	10.833	ug/l	100

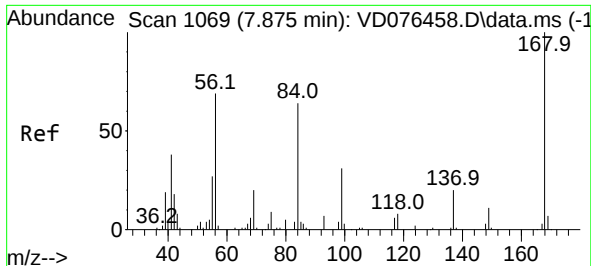
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061923\
Data File : VD076473.D
Acq On : 19 Jun 2023 16:43
Operator : KP/SY
Sample : 03289-02
Misc : 5.09G/5.0ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-01-4.0-6.0

Quant Time: Jun 20 05:26:20 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

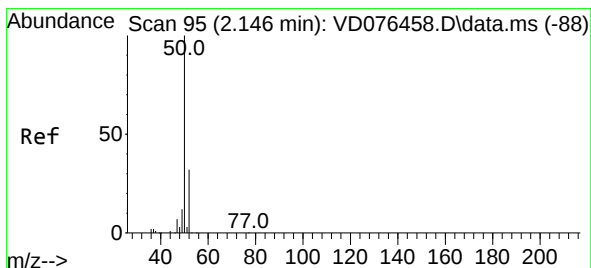
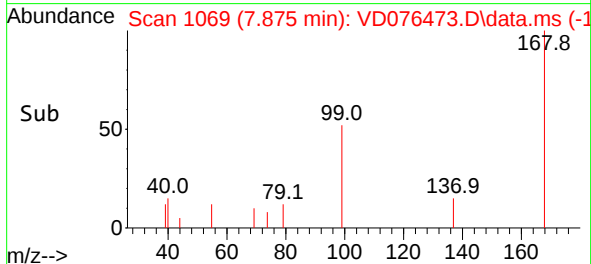
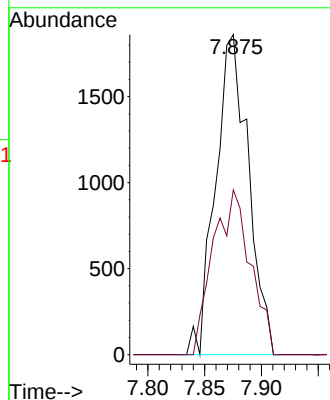
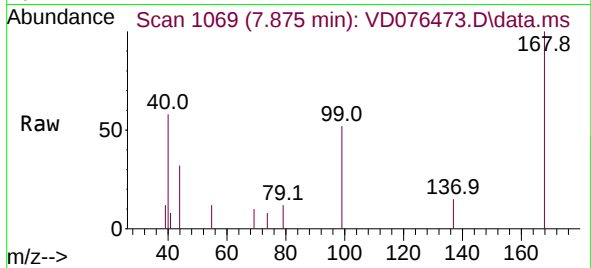




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076473.D
Acq: 19 Jun 2023 16:43

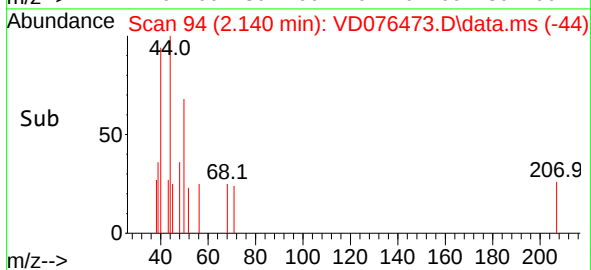
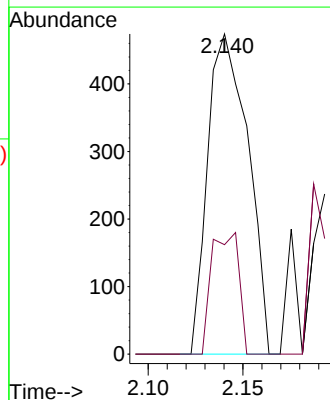
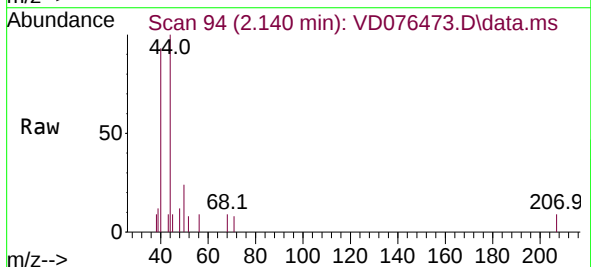
Instrument :
MSVOA_D
ClientSampleId :
SB-01-4.0-6.0

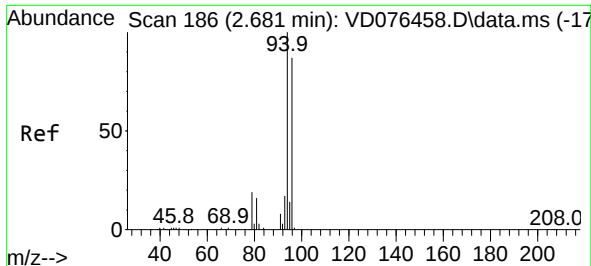
Tgt Ion:168 Resp: 3745
Ion Ratio Lower Upper
168 100
99 51.5 36.7 55.1



#3
Chloromethane
Concen: 11.878 ug/l
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD076473.D
Acq: 19 Jun 2023 16:43

Tgt Ion: 50 Resp: 703
Ion Ratio Lower Upper
50 100
52 34.2 26.6 40.0

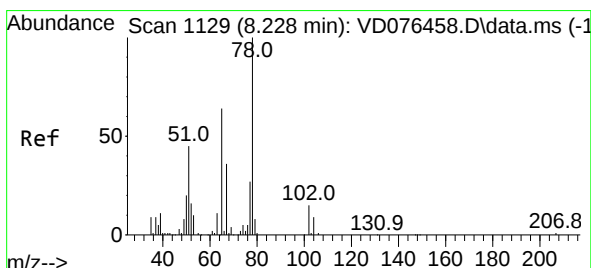
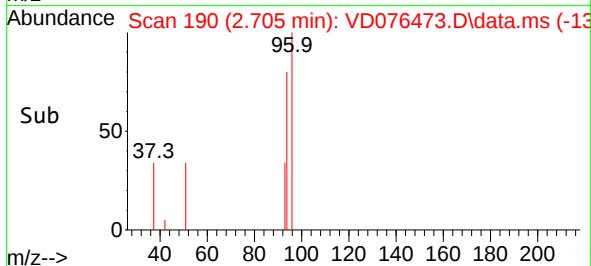
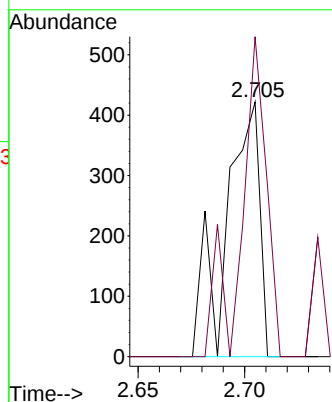
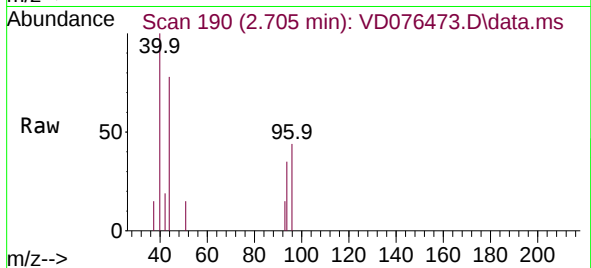




#5
Bromomethane
Concen: 10.833 ug/l
RT: 2.705 min Scan# 11
Delta R.T. 0.024 min
Lab File: VD076473.D
Acq: 19 Jun 2023 16:43

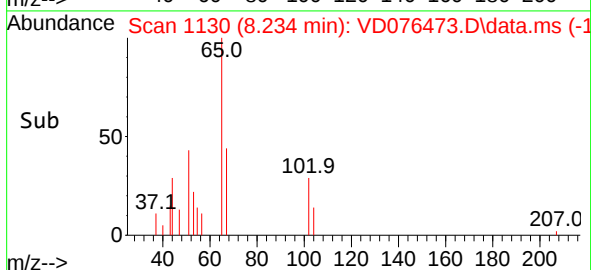
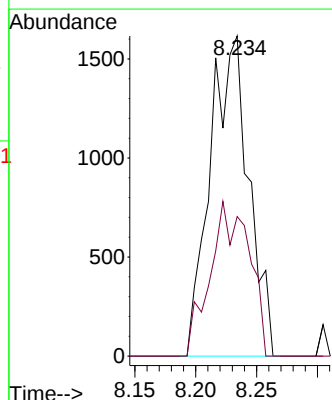
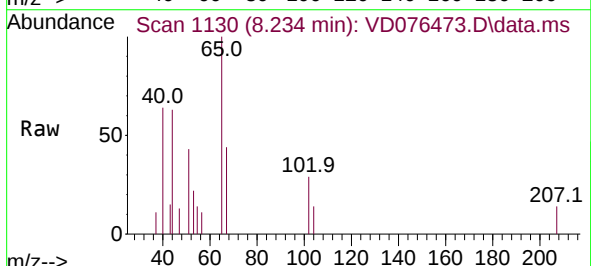
Instrument :
MSVOA_D
ClientSampleId :
SB-01-4.0-6.0

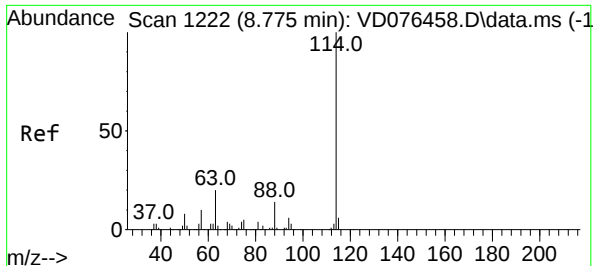
Tgt Ion: 94 Resp: 465
Ion Ratio Lower Upper
94 100
96 94.6 75.8 113.8



#33
1,2-Dichloroethane-d4
Concen: 95.145 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD076473.D
Acq: 19 Jun 2023 16:43

Tgt Ion: 65 Resp: 3570
Ion Ratio Lower Upper
65 100
67 48.9 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1114

Delta R.T. 0.006 min

Lab File: VD076473.D

Acq: 19 Jun 2023 16:43

Instrument :

MSVOA_D

ClientSampleId :

SB-01-4.0-6.0

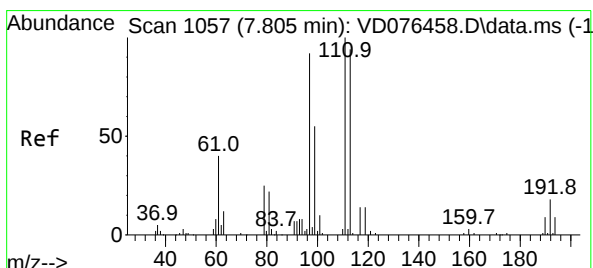
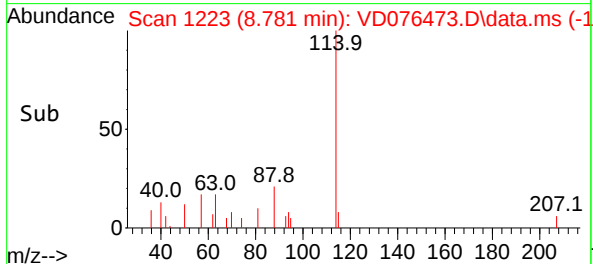
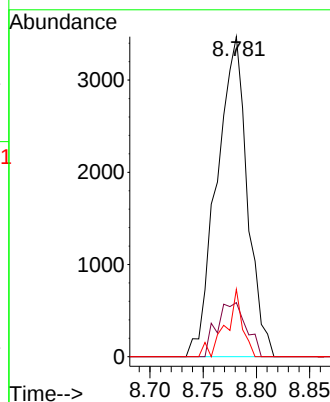
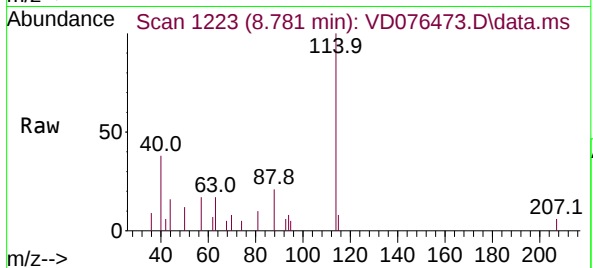
Tgt Ion:114 Resp: 6899

Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.4

88 21.1 0.0 26.2



#35

Dibromofluoromethane

Concen: 61.901 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD076473.D

Acq: 19 Jun 2023 16:43

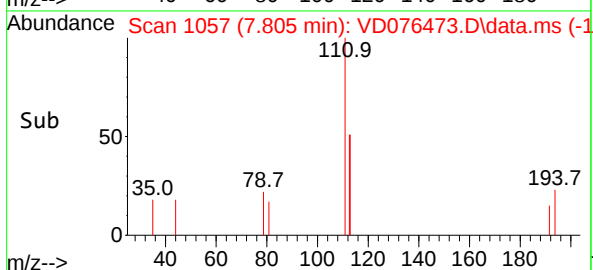
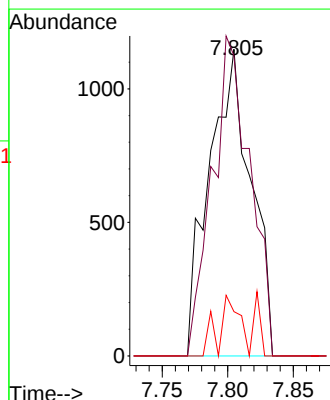
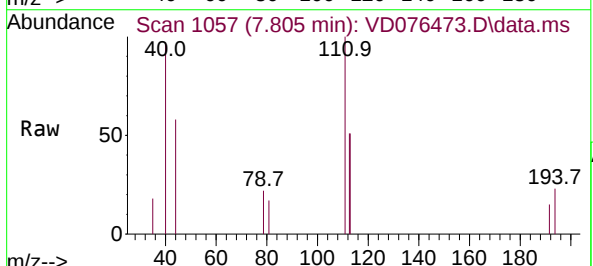
Tgt Ion:113 Resp: 2537

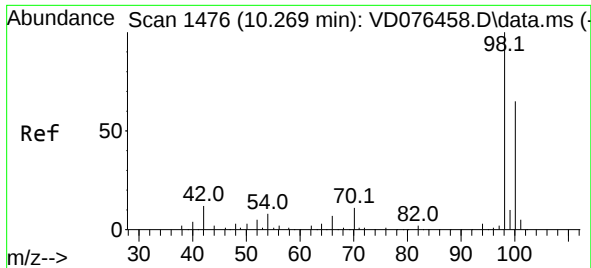
Ion Ratio Lower Upper

113 100

111 94.5 84.7 127.1

192 9.9 16.8 25.2#

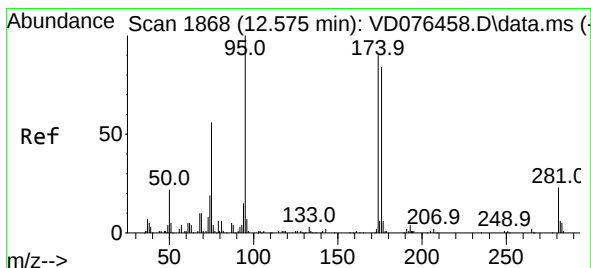
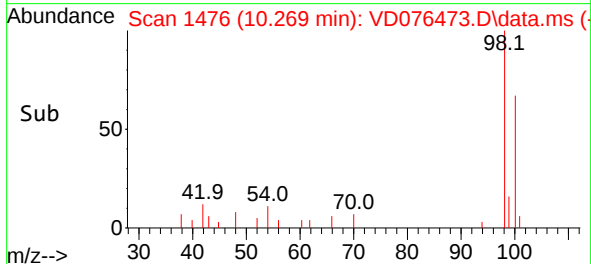
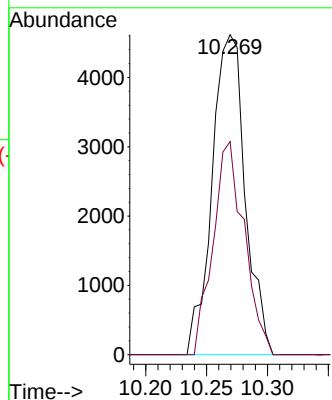
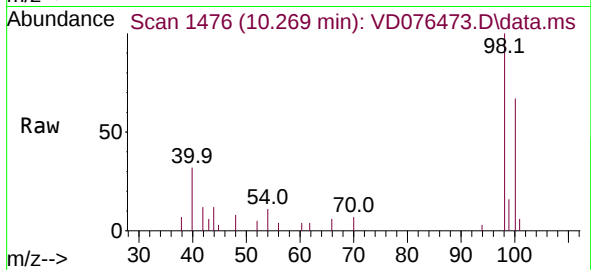




#50
Toluene-d8
Concen: 56.449 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076473.D
Acq: 19 Jun 2023 16:43

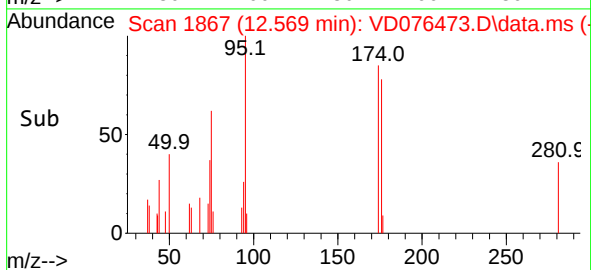
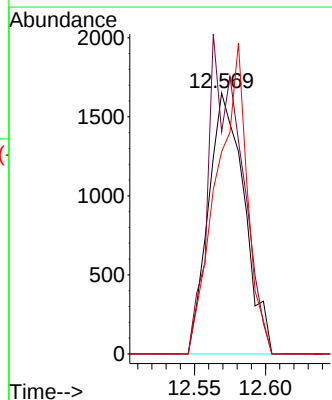
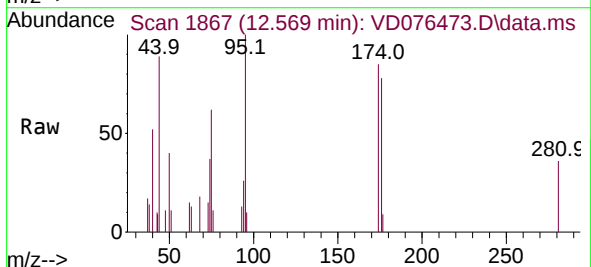
Instrument :
MSVOA_D
ClientSampleId :
SB-01-4.0-6.0

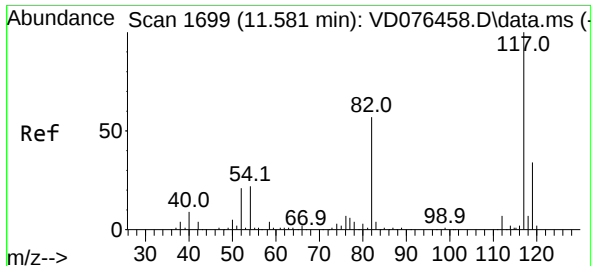
Tgt Ion: 98 Resp: 8774
Ion Ratio Lower Upper
98 100
100 62.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 57.330 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076473.D
Acq: 19 Jun 2023 16:43

Tgt Ion: 95 Resp: 2892
Ion Ratio Lower Upper
95 100
174 111.8 0.0 201.8
176 100.8 0.0 191.8

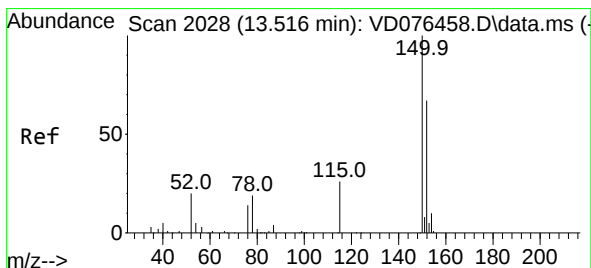
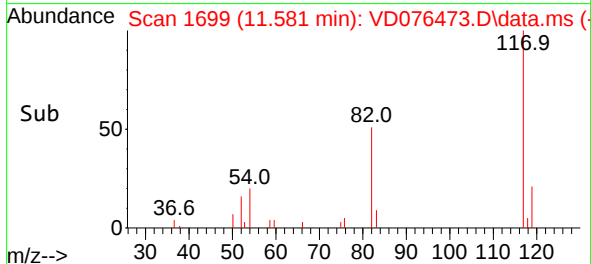
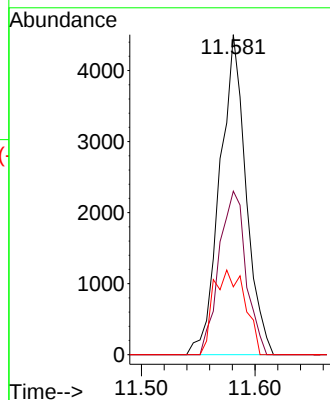
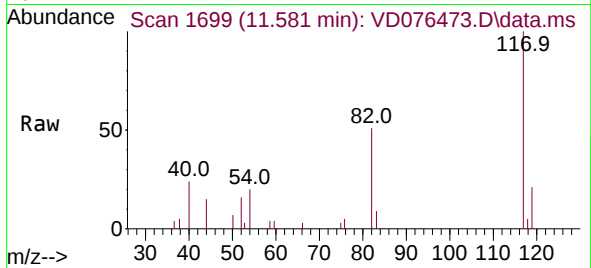




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD076473.D
Acq: 19 Jun 2023 16:43

Instrument :
MSVOA_D
ClientSampleId :
SB-01-4.0-6.0

Tgt Ion:117 Resp: 7221
Ion Ratio Lower Upper
117 100
82 51.1 38.3 57.5
119 21.2 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: VD076473.D
Acq: 19 Jun 2023 16:43

Tgt Ion:152 Resp: 3823
Ion Ratio Lower Upper
152 100
115 53.3 27.1 81.3
150 141.1 0.0 353.6

