

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100722\
 Data File : VD074486.D
 Acq On : 07 Oct 2022 13:05
 Operator : VA/SY
 Sample : N5014-01
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-0-2.0

Quant Time: Oct 08 02:24:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 01:54:40 2022
 Response via : Initial Calibration

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

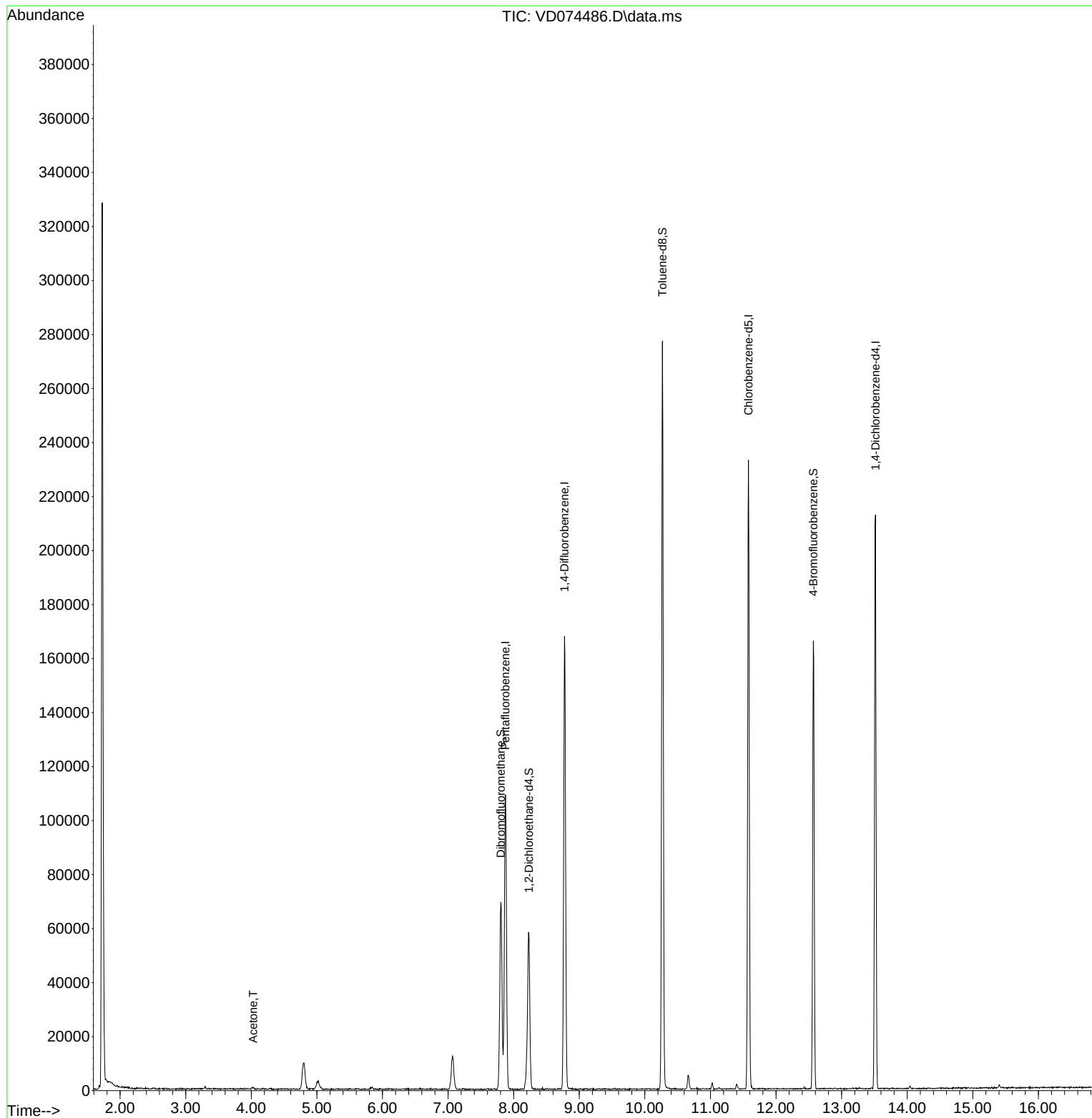
Internal Standards						
1) Pentafluorobenzene	7.875	168	87370	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	159577	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	143593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	60931	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	45241	58.281	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	116.560%	
35) Dibromofluoromethane	7.804	113	50859	48.333	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	96.660%	
50) Toluene-d8	10.269	98	196744	51.145	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	102.280%	
62) 4-Bromofluorobenzene	12.569	95	51720	42.634	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	85.260%	
Target Compounds						
16) Acetone	4.028	43	1148	17.084	ug/l	Qvalue # 84

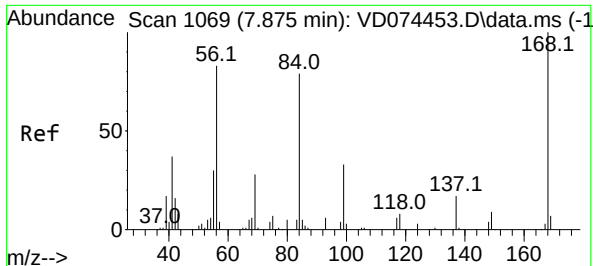
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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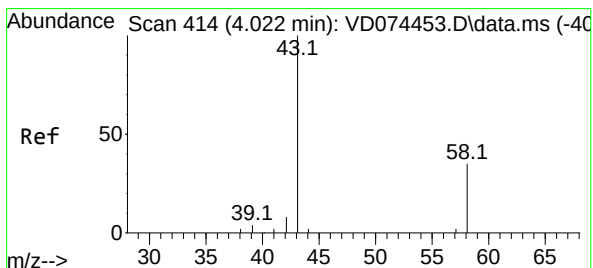
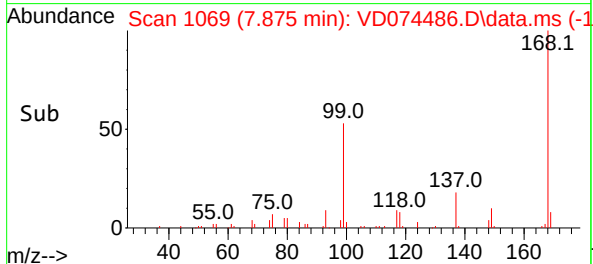
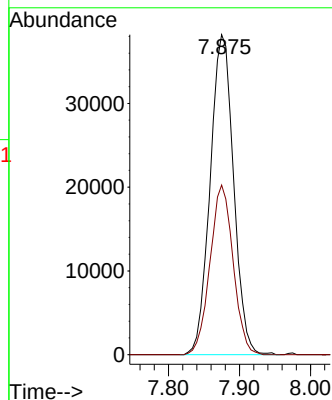
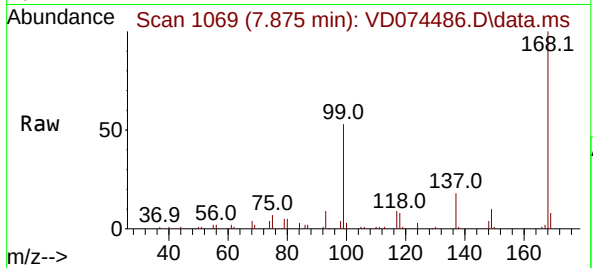




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074486.D
Acq: 07 Oct 2022 13:05

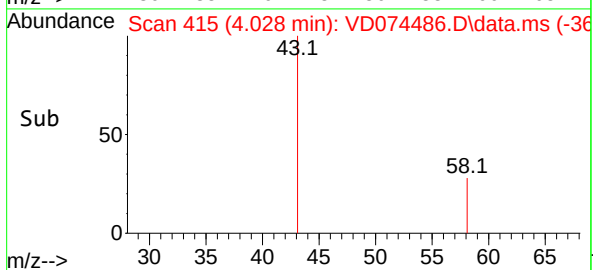
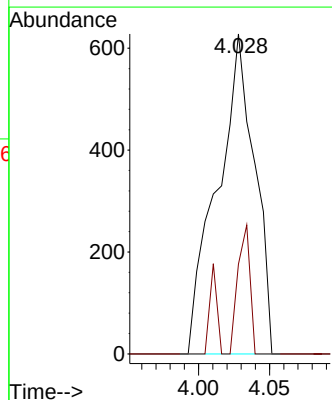
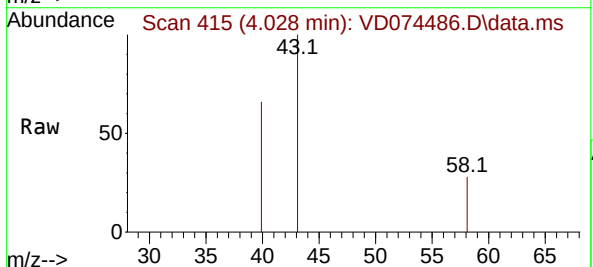
Instrument :
MSVOA_D
ClientSampleId :
SB-04-0-2.0

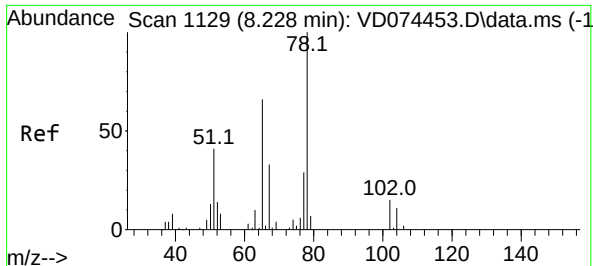
Tgt Ion:168 Resp: 87370
Ion Ratio Lower Upper
168 100
99 53.0 40.9 61.3



#16
Acetone
Concen: 17.084 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD074486.D
Acq: 07 Oct 2022 13:05

Tgt Ion: 43 Resp: 1148
Ion Ratio Lower Upper
43 100
58 28.0 30.2 45.2#





#33

1,2-Dichloroethane-d4

Concen: 58.281 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD074486.D

Acq: 07 Oct 2022 13:05

Instrument :

MSVOA_D

ClientSampleId :

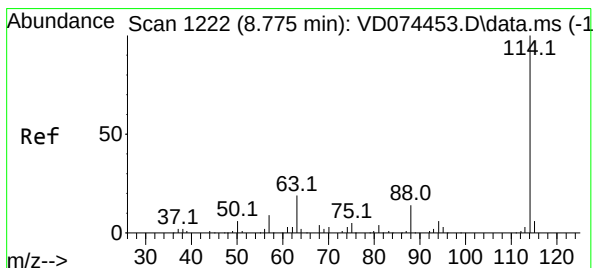
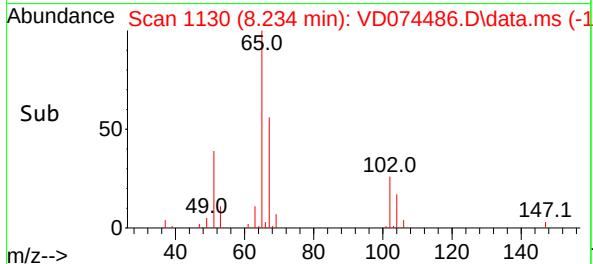
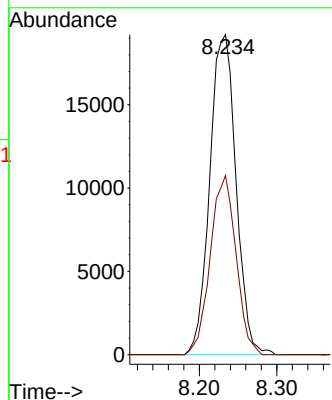
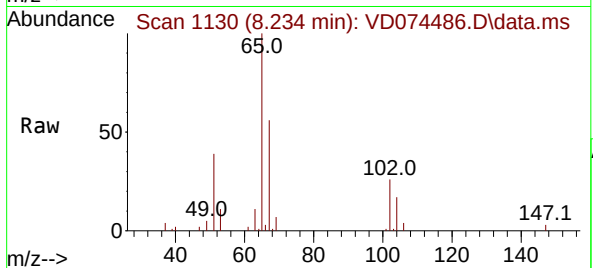
SB-04-0-2.0

Tgt Ion: 65 Resp: 45241

Ion Ratio Lower Upper

65 100

67 54.8 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD074486.D

Acq: 07 Oct 2022 13:05

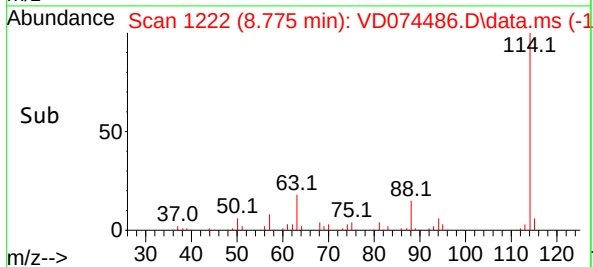
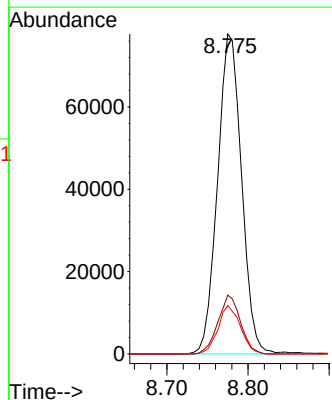
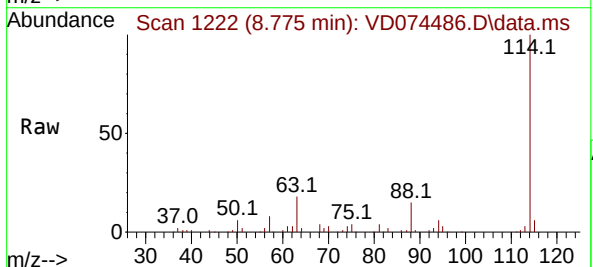
Tgt Ion: 114 Resp: 159577

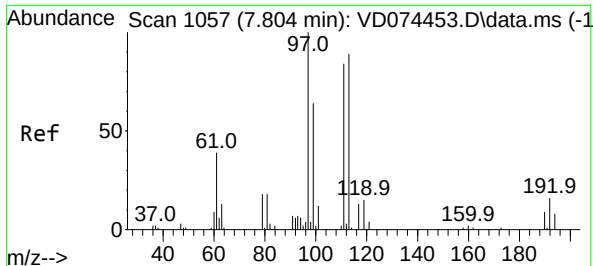
Ion Ratio Lower Upper

114 100

63 18.4 0.0 33.2

88 15.1 0.0 28.2





#35

Dibromofluoromethane

Concen: 48.333 ug/l

RT: 7.804 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD074486.D

Acq: 07 Oct 2022 13:05

Instrument :

MSVOA_D

ClientSampleId :

SB-04-0-2.0

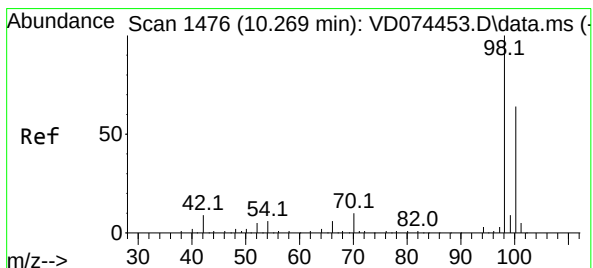
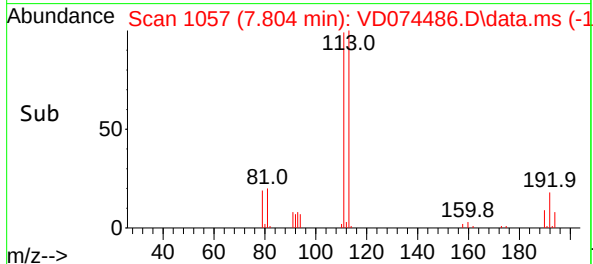
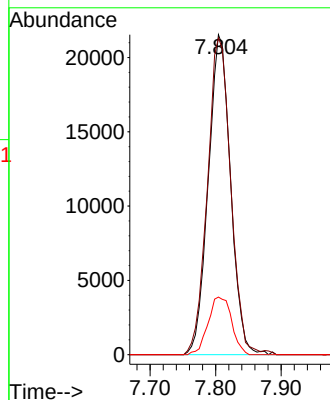
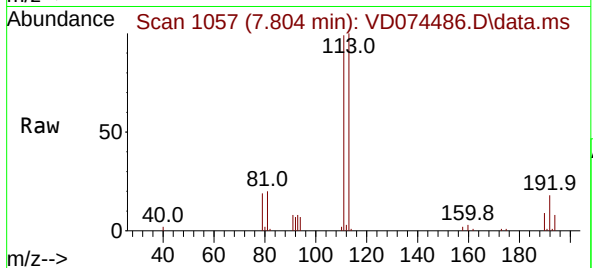
Tgt Ion:113 Resp: 50859

Ion Ratio Lower Upper

113 100

111 103.5 82.3 123.5

192 18.9 16.4 24.6



#50

Toluene-d8

Concen: 51.145 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD074486.D

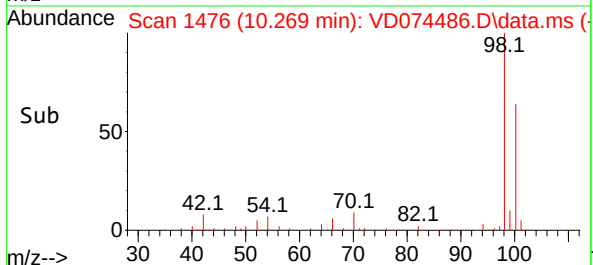
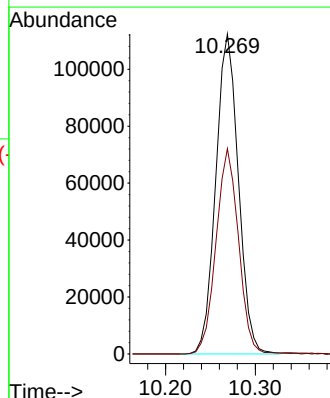
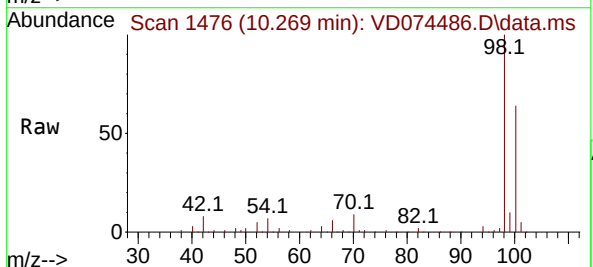
Acq: 07 Oct 2022 13:05

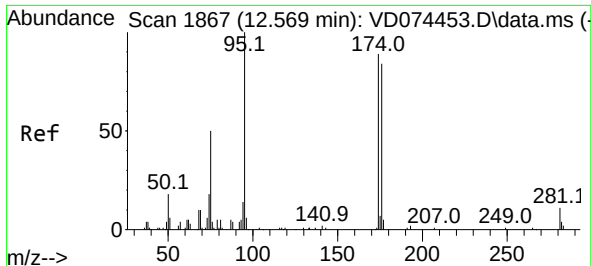
Tgt Ion: 98 Resp: 196744

Ion Ratio Lower Upper

98 100

100 63.8 51.4 77.0

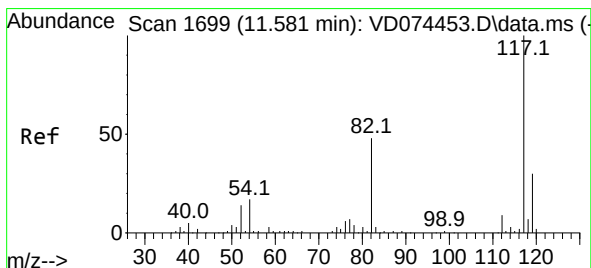
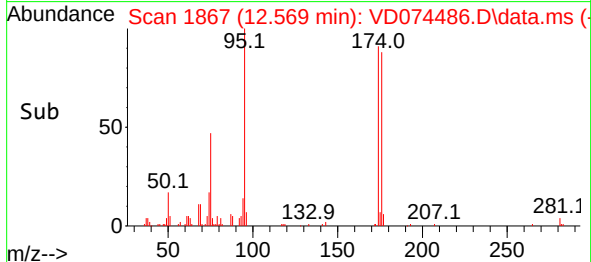
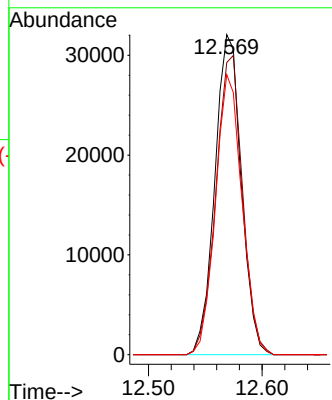
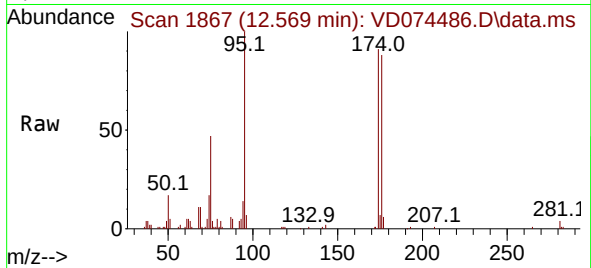




#62
4-Bromofluorobenzene
Concen: 42.634 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074486.D
Acq: 07 Oct 2022 13:05

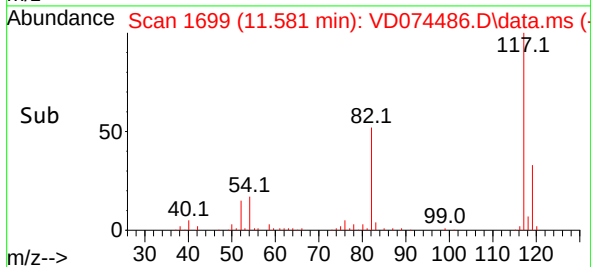
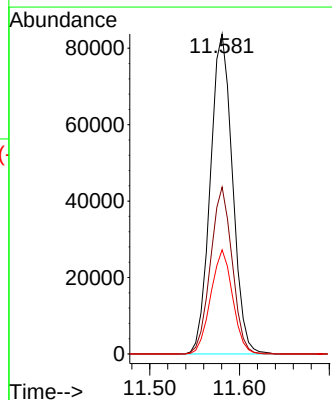
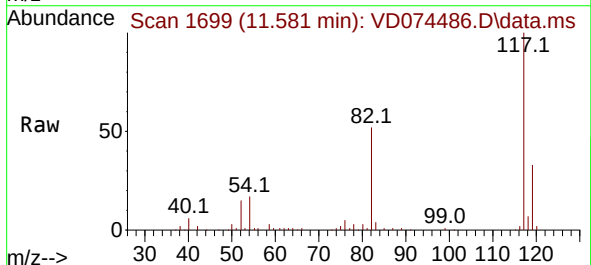
Instrument :
MSVOA_D
ClientSampleId :
SB-04-0-2.0

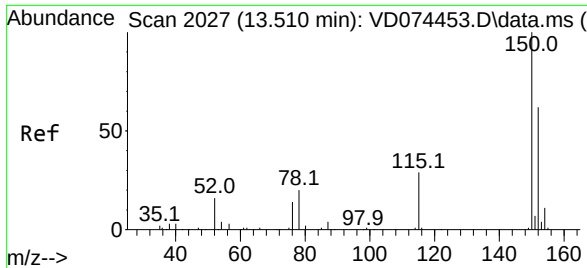
Tgt Ion: 95 Resp: 51720
Ion Ratio Lower Upper
95 100
174 94.6 0.0 197.0
176 88.2 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074486.D
Acq: 07 Oct 2022 13:05

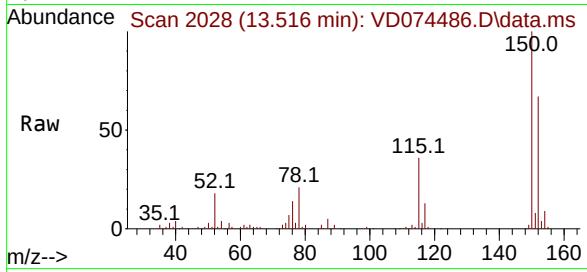
Tgt Ion: 117 Resp: 143593
Ion Ratio Lower Upper
117 100
82 52.1 41.6 62.4
119 32.6 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD074486.D
 Acq: 07 Oct 2022 13:05

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-0-2.0



Tgt Ion:152 Resp: 60931
 Ion Ratio Lower Upper
 152 100
 115 54.5 26.8 80.4
 150 154.2 0.0 348.2

