

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100722\
 Data File : VD074493.D
 Acq On : 07 Oct 2022 16:20
 Operator : VA/SY
 Sample : N5014-14RE
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-02-0-2.0RE

Quant Time: Oct 08 02:25:17 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)

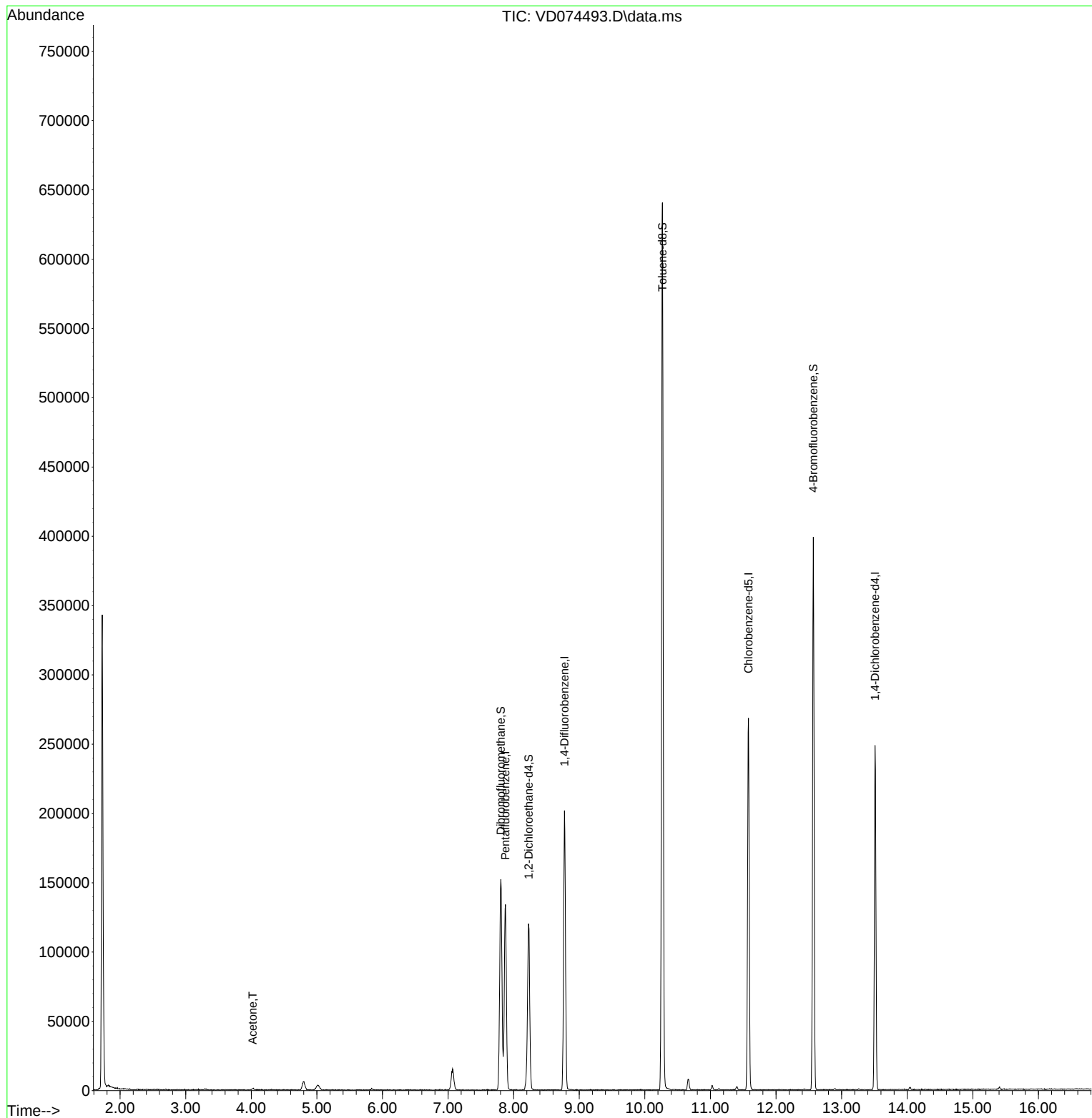
Internal Standards						
1) Pentafluorobenzene	7.875	168	106009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	188571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	167046	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	70658	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	92098	97.784	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	195.560%#
35) Dibromofluoromethane	7.804	113	111662	89.800	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	179.600%#
50) Toluene-d8	10.269	98	461492	99.735	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	199.460%#
62) 4-Bromofluorobenzene	12.569	95	120640	91.026	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	182.060%#
Target Compounds						
16) Acetone	4.022	43	1488	17.433	ug/l	Qvalue # 87

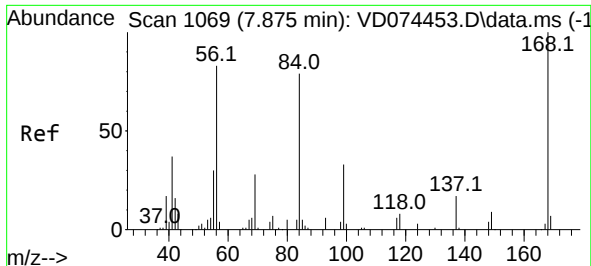
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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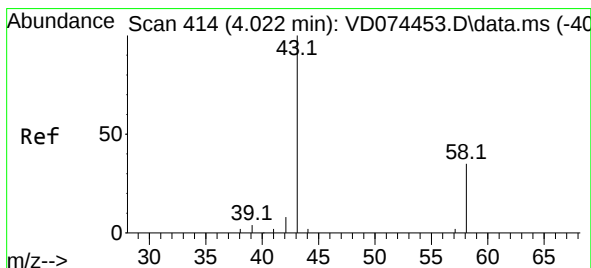
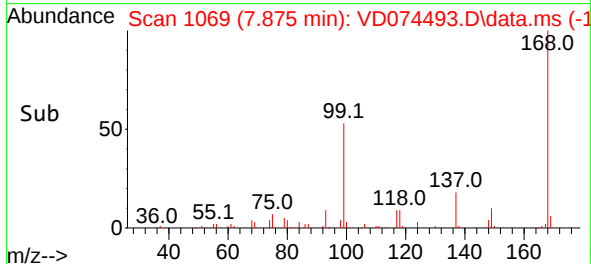
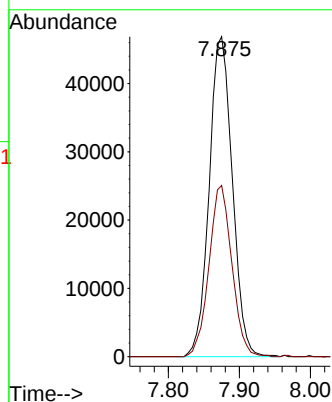
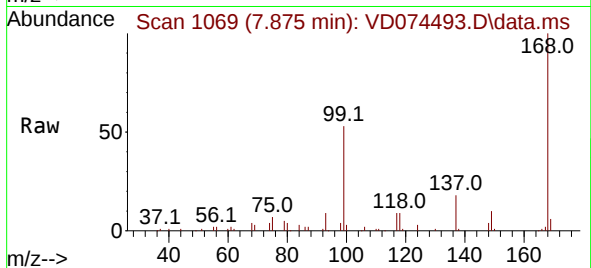




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074493.D
Acq: 07 Oct 2022 16:20

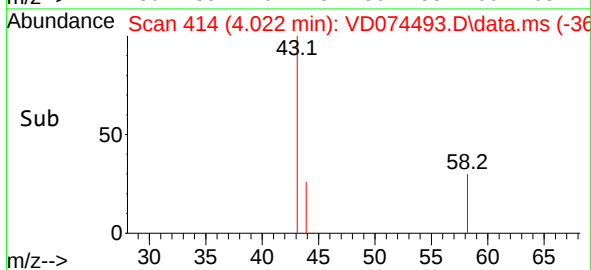
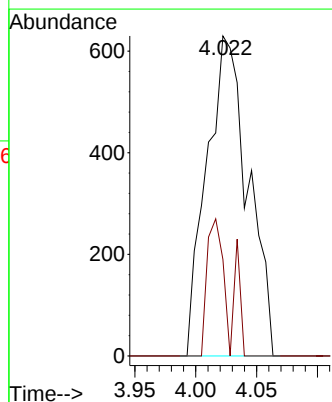
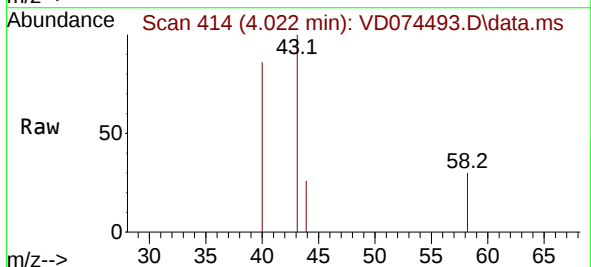
Instrument :
MSVOA_D
ClientSampleId :
SB-02-0-2.0RE

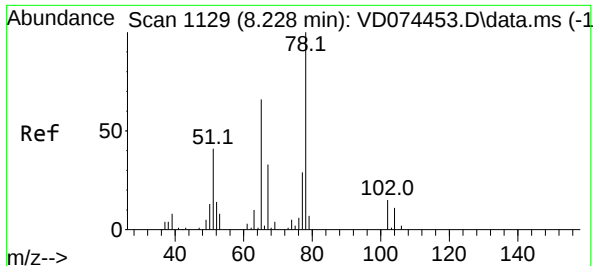
Tgt Ion:168 Resp: 106009
Ion Ratio Lower Upper
168 100
99 53.5 40.9 61.3



#16
Acetone
Concen: 17.433 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD074493.D
Acq: 07 Oct 2022 16:20

Tgt Ion: 43 Resp: 1488
Ion Ratio Lower Upper
43 100
58 30.2 30.2 45.2#





#33

1,2-Dichloroethane-d4

Concen: 97.784 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD074493.D

Acq: 07 Oct 2022 16:20

Instrument :

MSVOA_D

ClientSampleId :

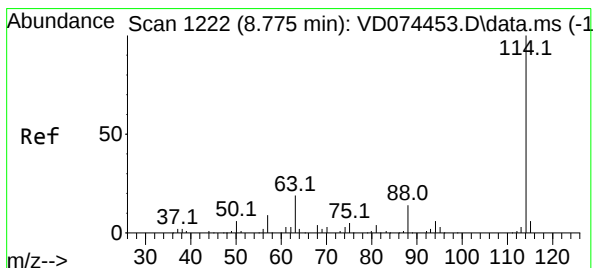
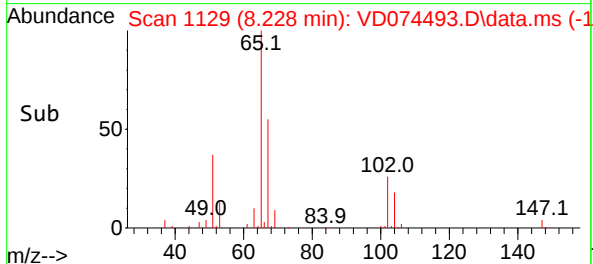
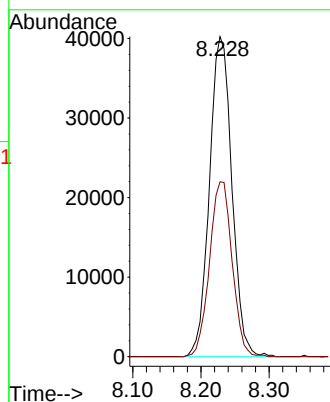
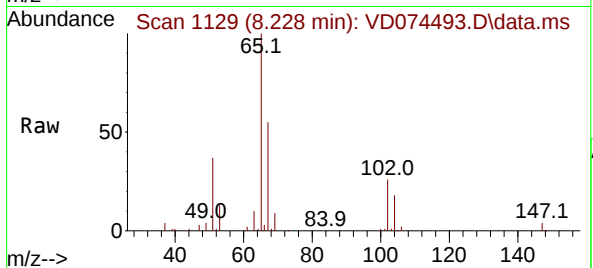
SB-02-0-2.0RE

Tgt Ion: 65 Resp: 92098

Ion Ratio Lower Upper

65 100

67 55.1 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: VD074493.D

Acq: 07 Oct 2022 16:20

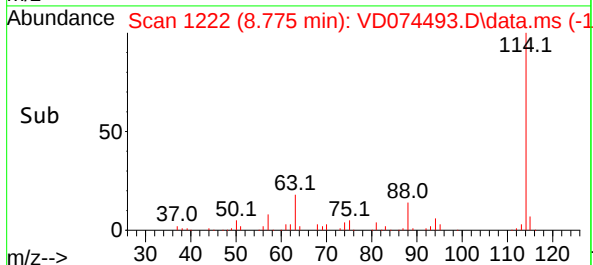
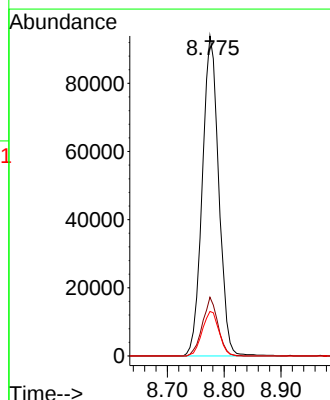
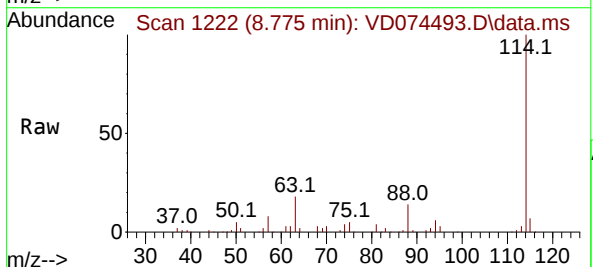
Tgt Ion: 114 Resp: 188571

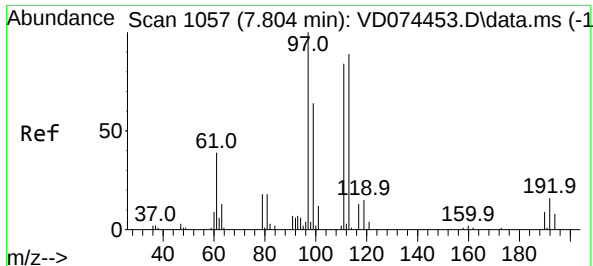
Ion Ratio Lower Upper

114 100

63 18.4 0.0 33.2

88 13.9 0.0 28.2





#35

Dibromofluoromethane

Concen: 89.800 ug/l

RT: 7.804 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074493.D

Acq: 07 Oct 2022 16:20

Instrument :

MSVOA_D

ClientSampleId :

SB-02-0-2.0RE

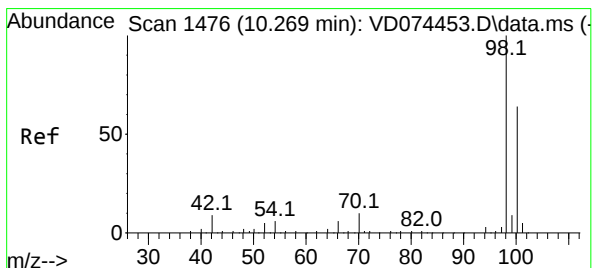
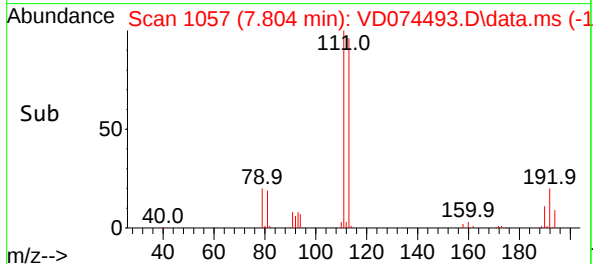
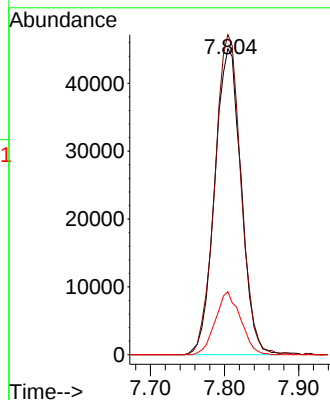
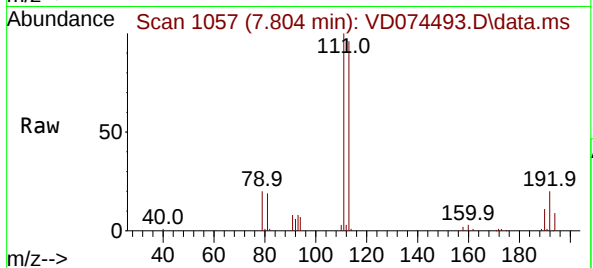
Tgt Ion:113 Resp: 111662

Ion Ratio Lower Upper

113 100

111 103.3 82.3 123.5

192 19.5 16.4 24.6



#50

Toluene-d8

Concen: 99.735 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074493.D

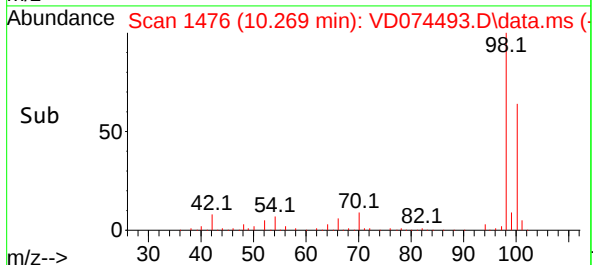
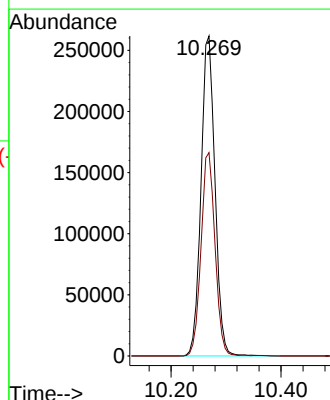
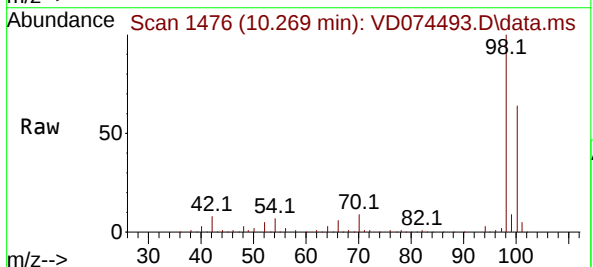
Acq: 07 Oct 2022 16:20

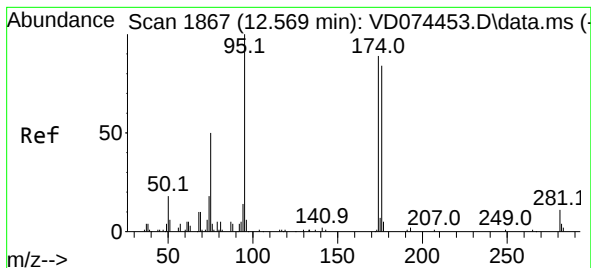
Tgt Ion: 98 Resp: 461492

Ion Ratio Lower Upper

98 100

100 63.8 51.4 77.0

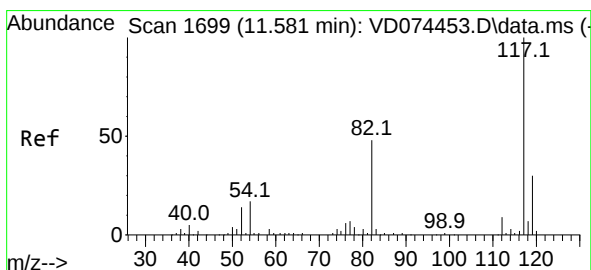
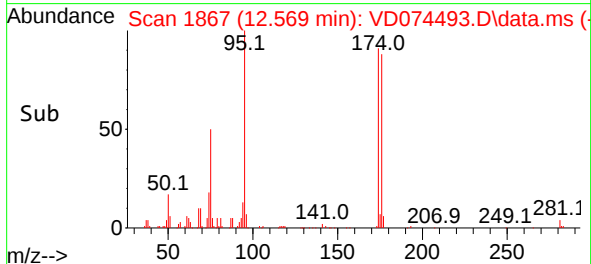
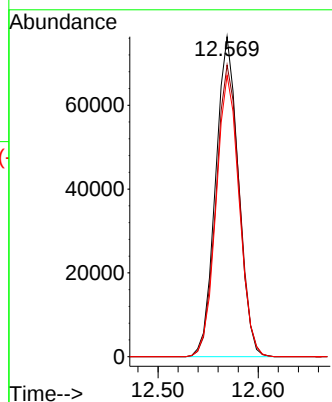
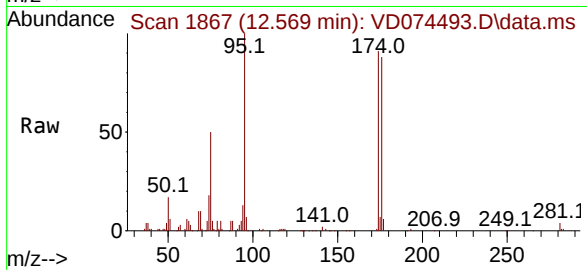




#62
4-Bromofluorobenzene
Concen: 91.026 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074493.D
Acq: 07 Oct 2022 16:20

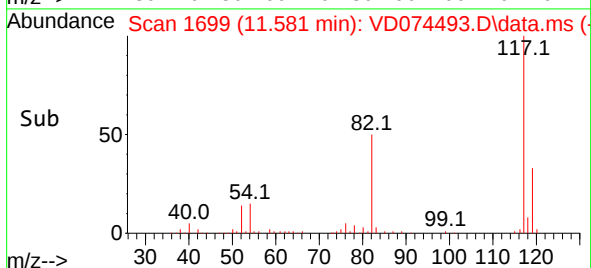
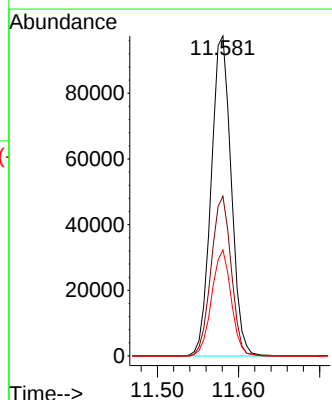
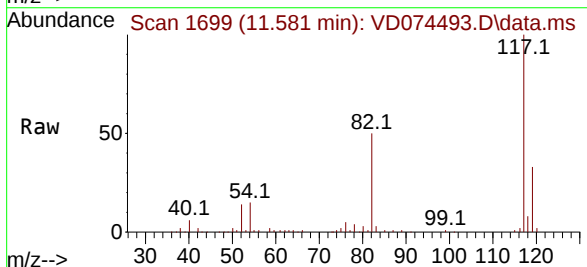
Instrument :
MSVOA_D
ClientSampleId :
SB-02-0-2.0RE

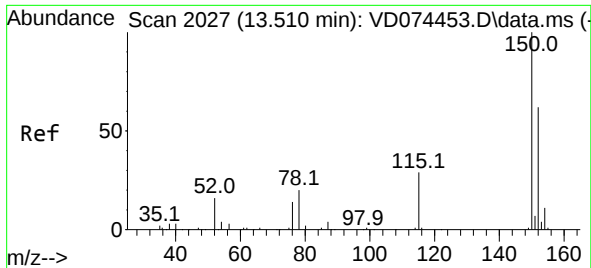
Tgt Ion: 95 Resp: 120640
Ion Ratio Lower Upper
95 100
174 93.6 0.0 197.0
176 89.1 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074493.D
Acq: 07 Oct 2022 16:20

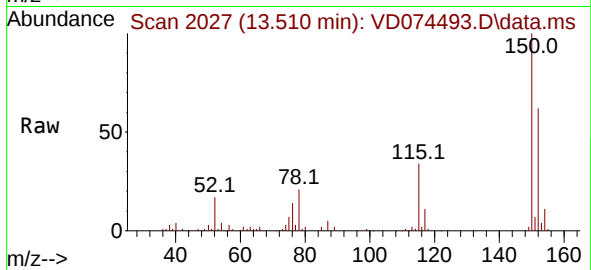
Tgt Ion: 117 Resp: 167046
Ion Ratio Lower Upper
117 100
82 49.9 41.6 62.4
119 33.2 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.510 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD074493.D
 Acq: 07 Oct 2022 16:20

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-02-0-2.0RE



Tgt Ion:152 Resp: 70658
 Ion Ratio Lower Upper
 152 100
 115 54.9 26.8 80.4
 150 159.3 0.0 348.2

