

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031023\
 Data File : VD075493.D
 Acq On : 10 Mar 2023 14:28
 Operator : KP/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Mar 10 23:06:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 16:02:39 2023
 Response via : Initial Calibration

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

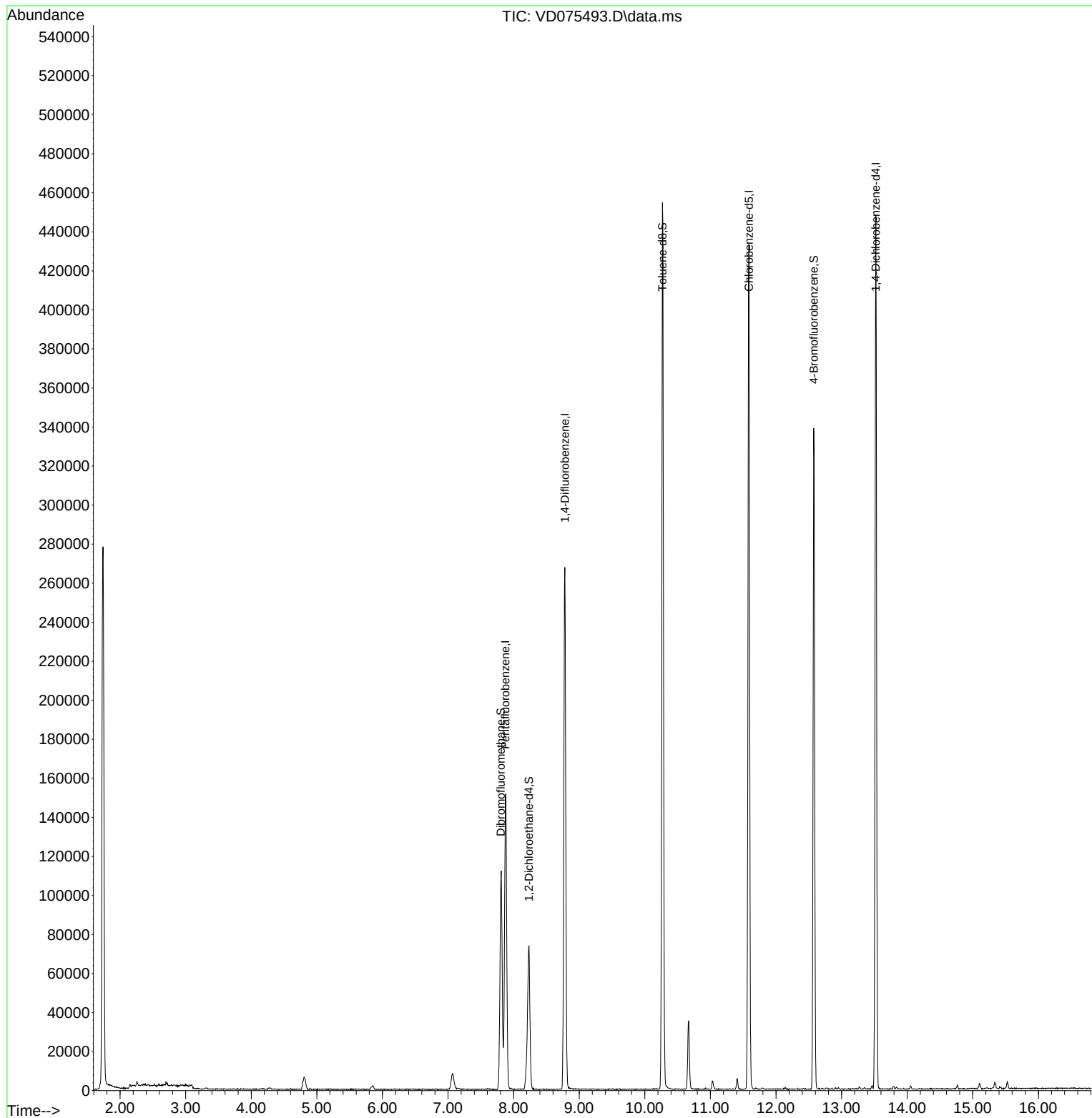
Internal Standards						
1) Pentafluorobenzene	7.875	168	127454	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	269337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	282738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	127886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	54422	47.058	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.120%
35) Dibromofluoromethane	7.805	113	83984	45.528	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.060%
50) Toluene-d8	10.269	98	339941	46.648	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.300%
62) 4-Bromofluorobenzene	12.575	95	109701	52.074	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.140%
Target Compounds						
3) Chloromethane	2.152	50	746	Below Cal	Qvalue	89
16) Acetone	4.028	43	252	Below Cal	#	44
20) Methylene Chloride	4.805	84	5998	Below Cal	#	60

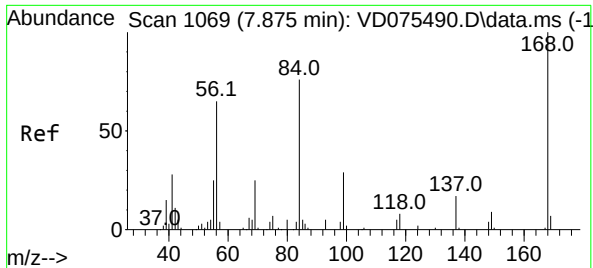
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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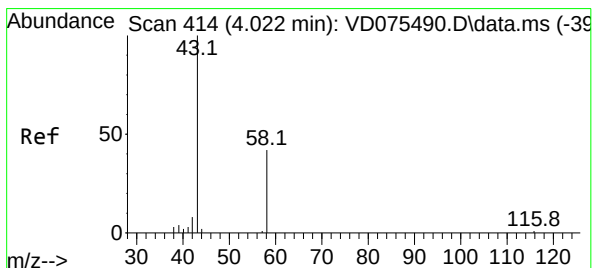
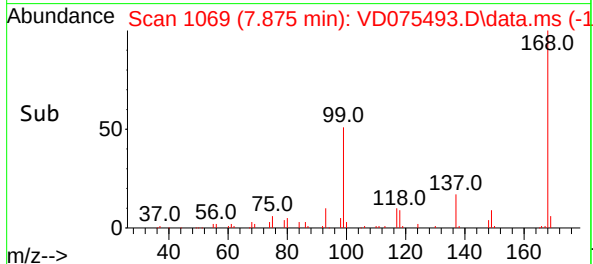
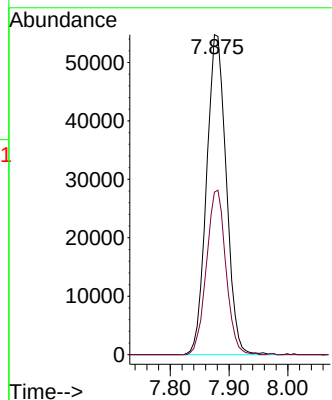
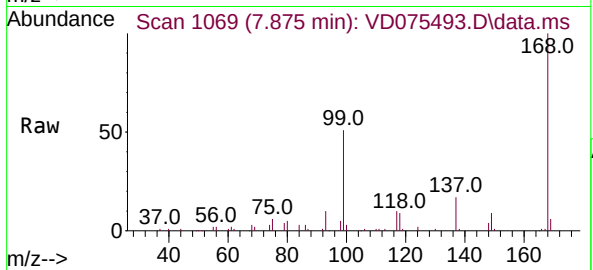




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075493.D
Acq: 10 Mar 2023 14:28

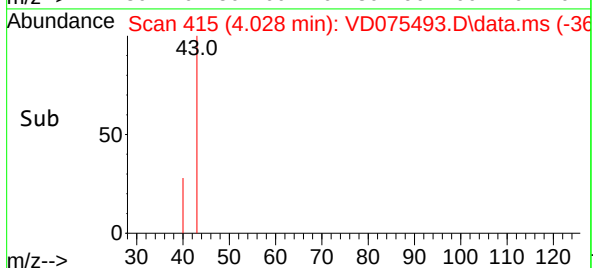
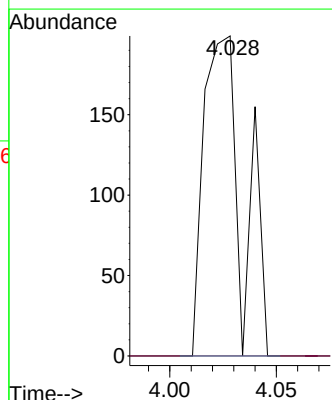
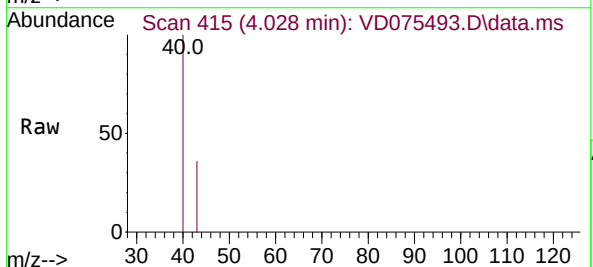
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

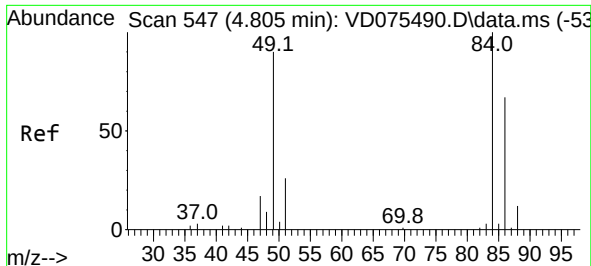
Tgt Ion:168 Resp: 127454
Ion Ratio Lower Upper
168 100
99 50.8 43.8 65.6



#16
Acetone
Concen: Below Cal
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075493.D
Acq: 10 Mar 2023 14:28

Tgt Ion: 43 Resp: 252
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.805 min Scan# 54

Delta R.T. -0.000 min

Lab File: VD075493.D

Acq: 10 Mar 2023 14:28

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

Tgt Ion: 84 Resp: 5998

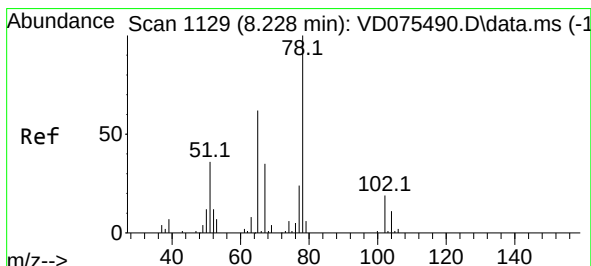
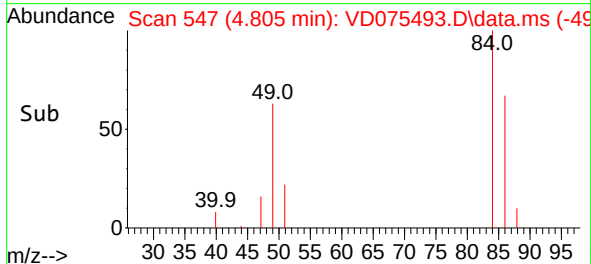
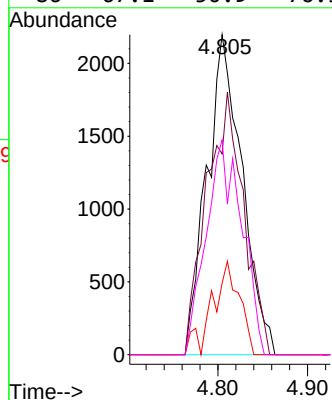
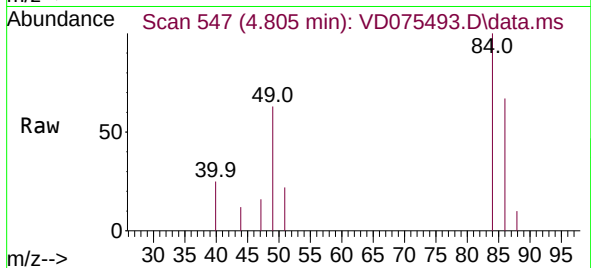
Ion Ratio Lower Upper

84 100

49 62.8 106.4 159.6#

51 22.3 32.4 48.6#

86 67.1 50.9 76.3



#33

1,2-Dichloroethane-d4

Concen: 47.058 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD075493.D

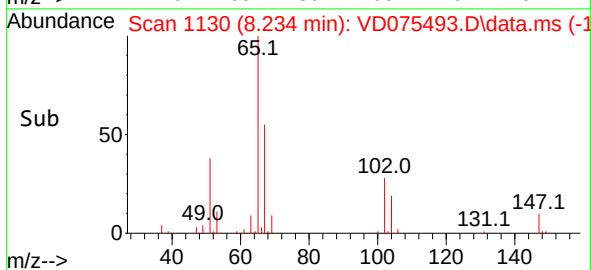
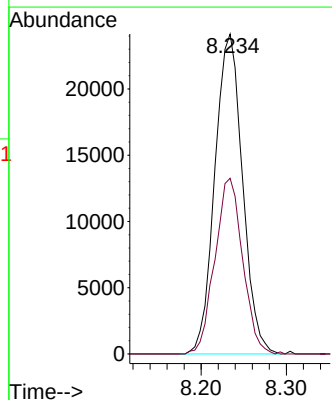
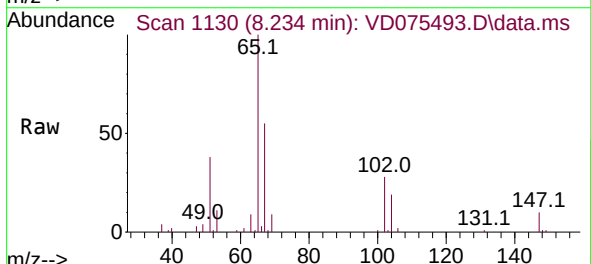
Acq: 10 Mar 2023 14:28

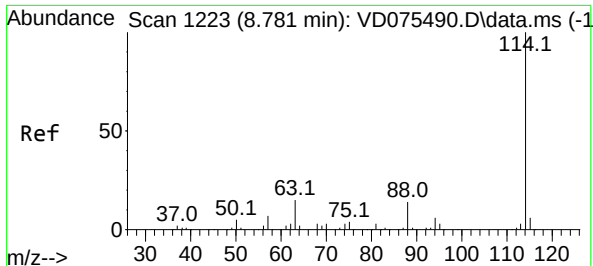
Tgt Ion: 65 Resp: 54422

Ion Ratio Lower Upper

65 100

67 55.2 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075493.D

Acq: 10 Mar 2023 14:28

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

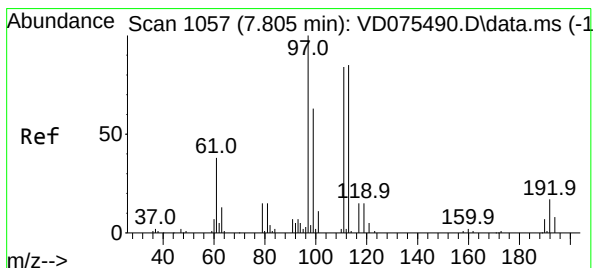
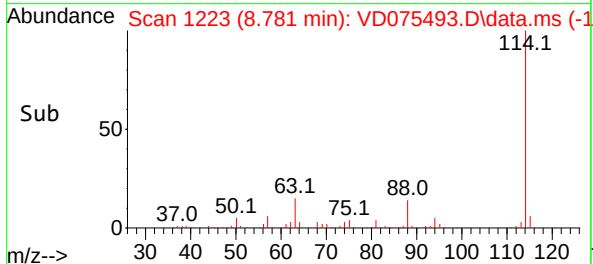
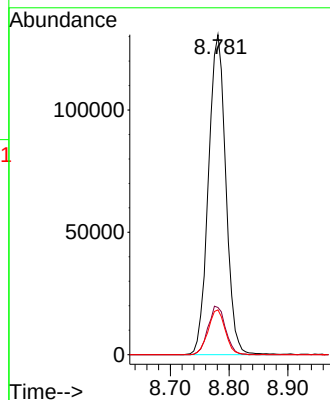
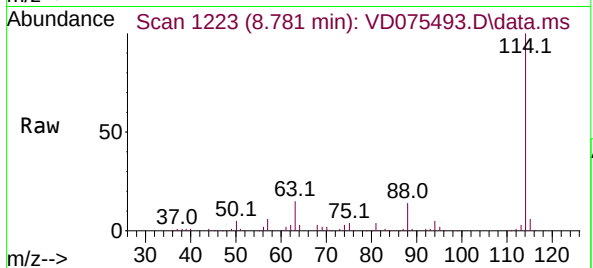
Tgt Ion:114 Resp: 269337

Ion Ratio Lower Upper

114 100

63 14.7 0.0 41.6

88 14.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 45.528 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.005 min

Lab File: VD075493.D

Acq: 10 Mar 2023 14:28

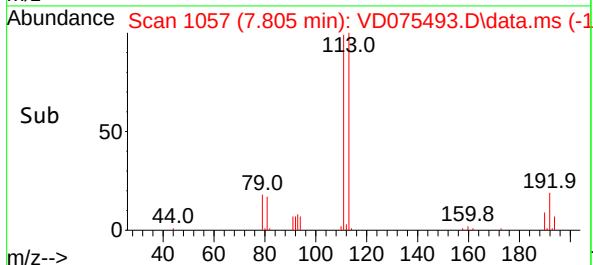
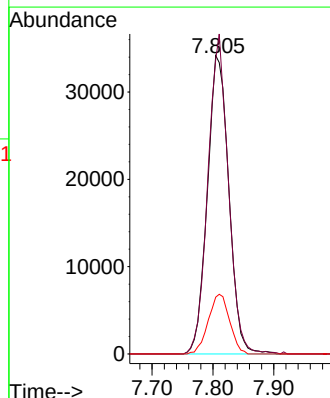
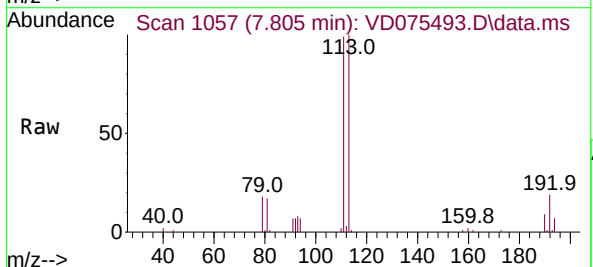
Tgt Ion:113 Resp: 83984

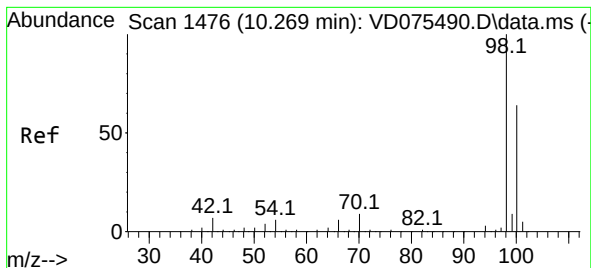
Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

192 19.8 15.2 22.8

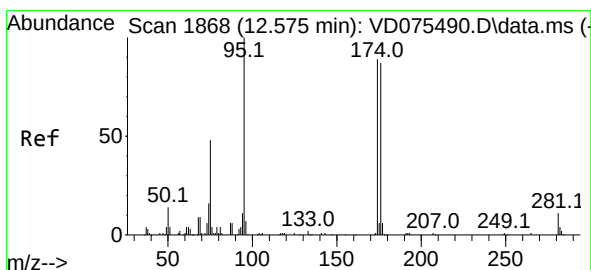
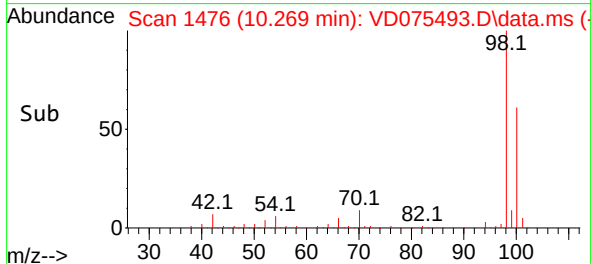
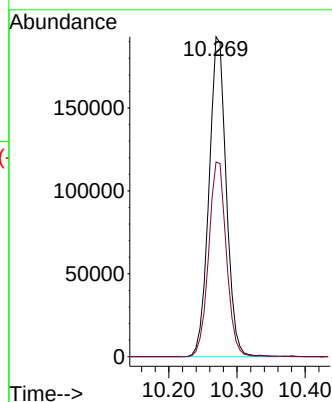
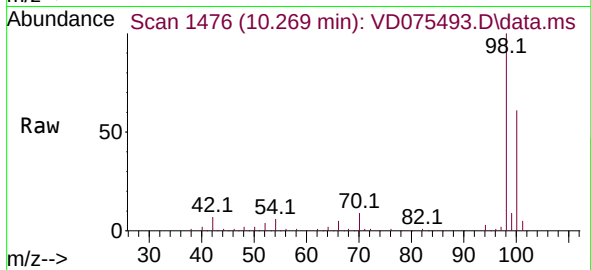




#50
Toluene-d8
Concen: 46.648 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075493.D
Acq: 10 Mar 2023 14:28

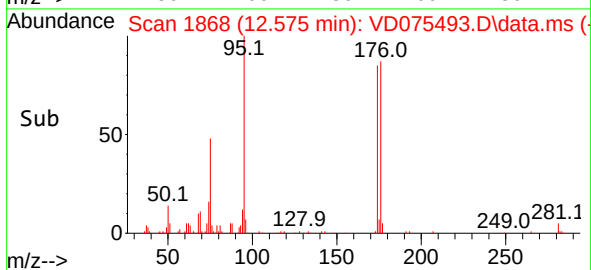
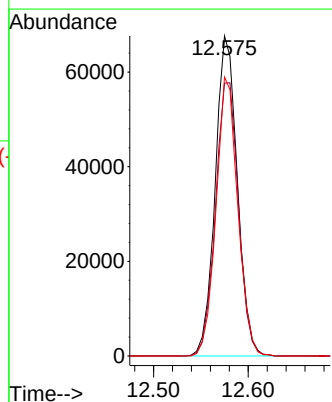
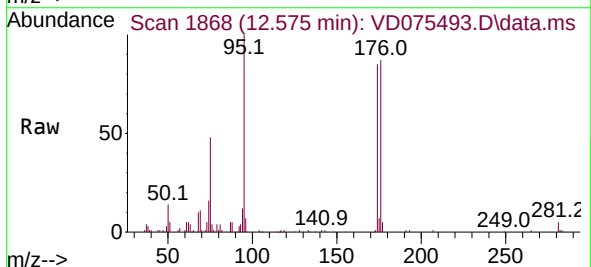
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MSVOA_D
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VIBLK

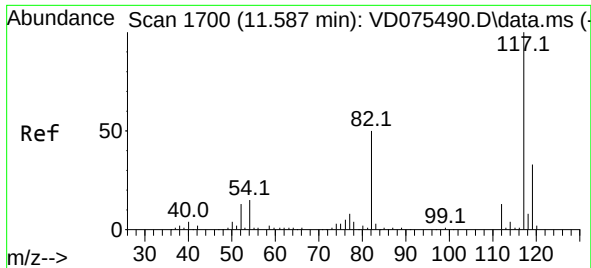
Tgt Ion: 98 Resp: 339941
Ion Ratio Lower Upper
98 100
100 62.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 52.074 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075493.D
Acq: 10 Mar 2023 14:28

Tgt Ion: 95 Resp: 109701
Ion Ratio Lower Upper
95 100
174 88.9 0.0 164.0
176 85.6 0.0 156.8

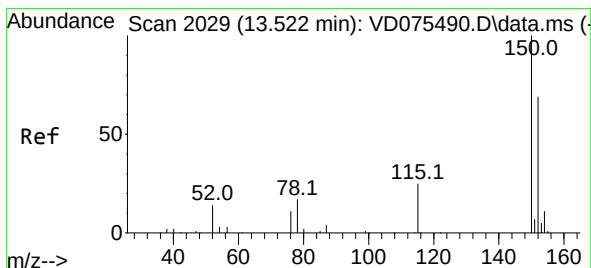
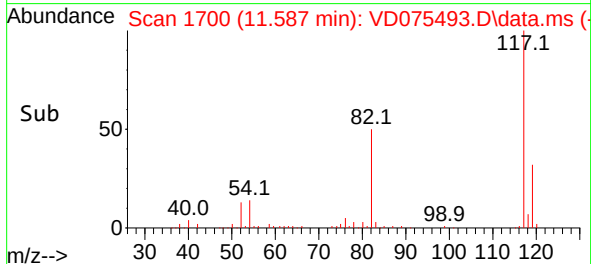
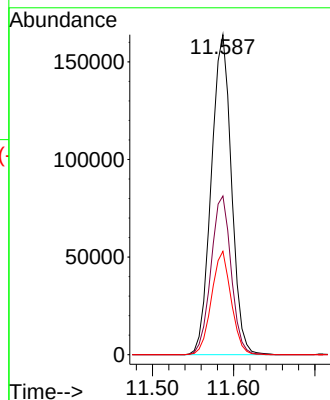
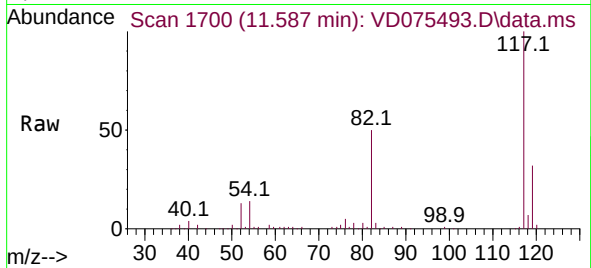




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075493.D
Acq: 10 Mar 2023 14:28

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 282738
Ion Ratio Lower Upper
117 100
82 49.6 44.0 66.0
119 32.3 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075493.D
Acq: 10 Mar 2023 14:28

Tgt Ion:152 Resp: 127886
Ion Ratio Lower Upper
152 100
115 55.2 30.1 90.3
150 156.9 0.0 364.8

