

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013023\
 Data File : VD075242.D
 Acq On : 30 Jan 2023 17:11
 Operator : KP/SY
 Sample : 01348-01
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 N-H5(32-34)

Quant Time: Jan 31 00:23:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

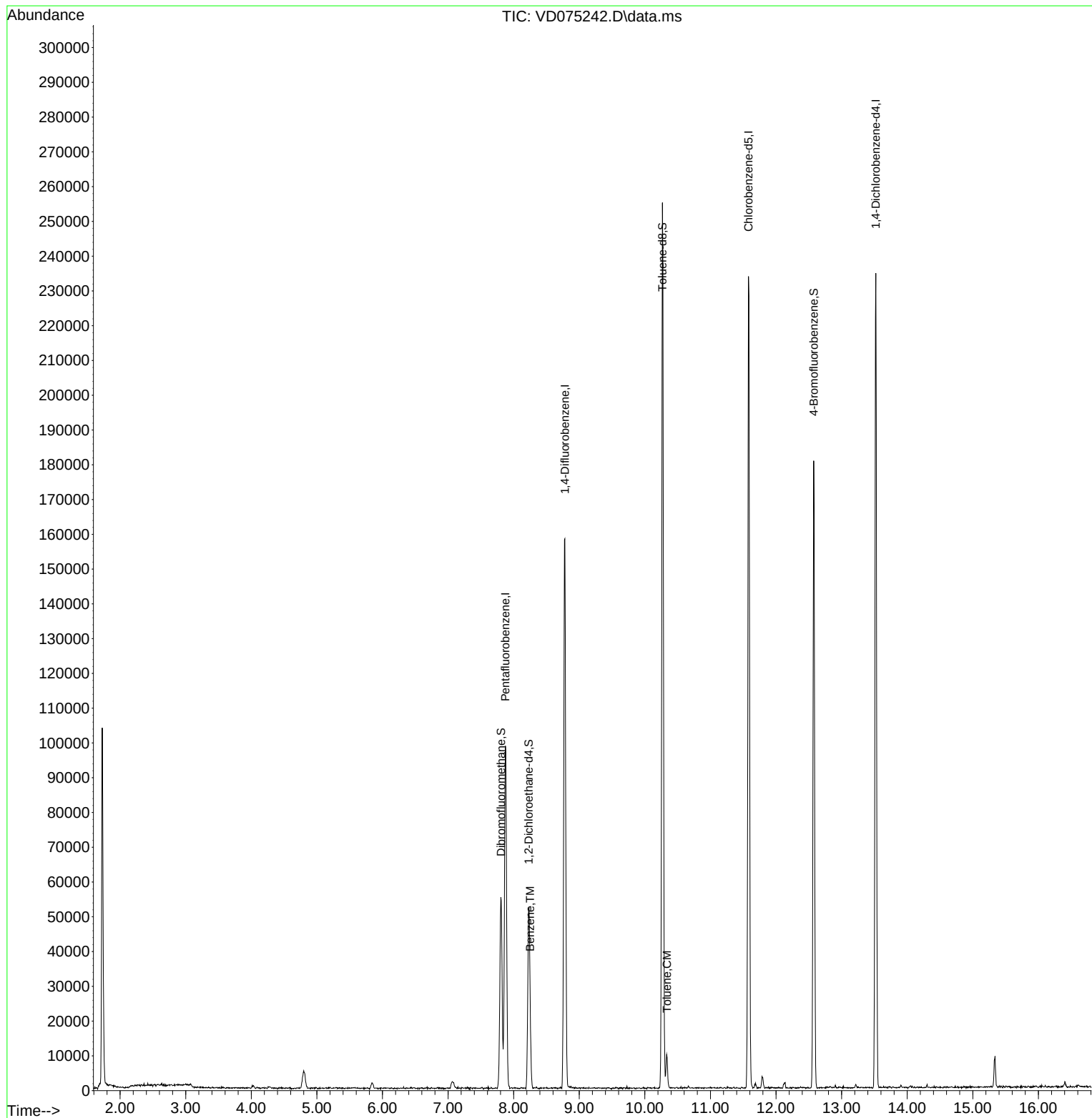
Internal Standards						
1) Pentafluorobenzene	7.875	168	75792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	139948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	133085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	60510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	39582	51.179	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.360%	
35) Dibromofluoromethane	7.810	113	40006	47.307	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 94.620%	
50) Toluene-d8	10.269	98	171602	51.537	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.080%	
62) 4-Bromofluorobenzene	12.575	95	55451	52.473	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.940%	
Target Compounds						
					Qvalue	
40) Benzene	8.252	78	6702	1.730	ug/l	93
52) Toluene	10.340	92	4234	1.729	ug/l	97

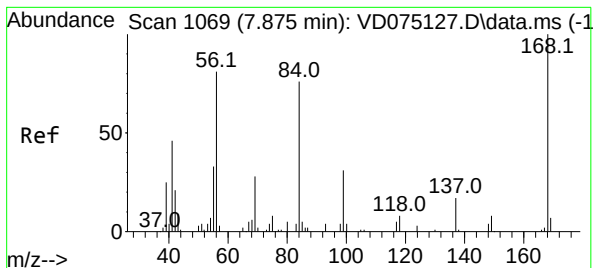
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD075242.D

Acq: 30 Jan 2023 17:11

Instrument :

MSVOA_D

ClientSampleId :

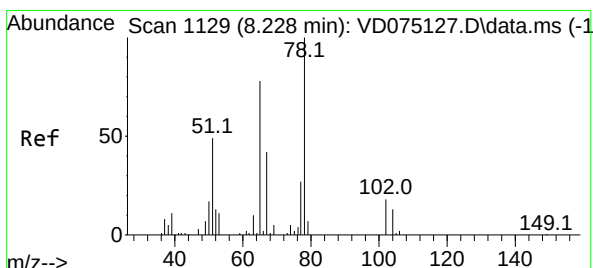
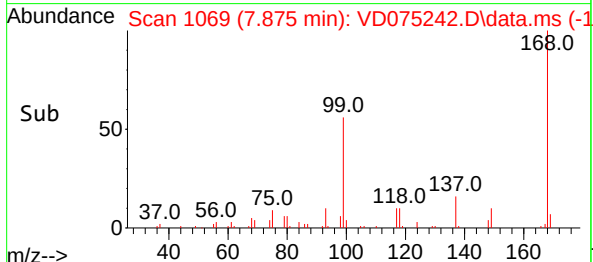
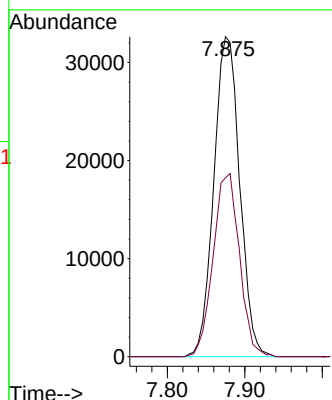
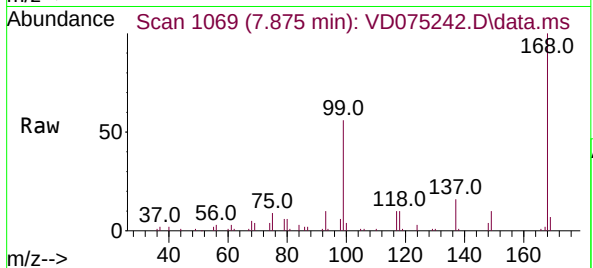
N-H5(32-34)

Tgt Ion:168 Resp: 75792

Ion Ratio Lower Upper

168 100

99 55.9 45.2 67.8



#33

1,2-Dichloroethane-d4

Concen: 51.179 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD075242.D

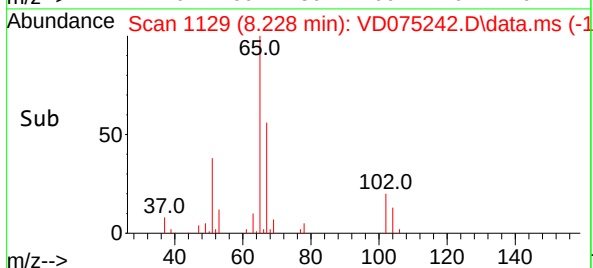
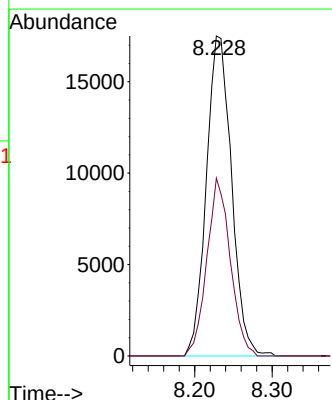
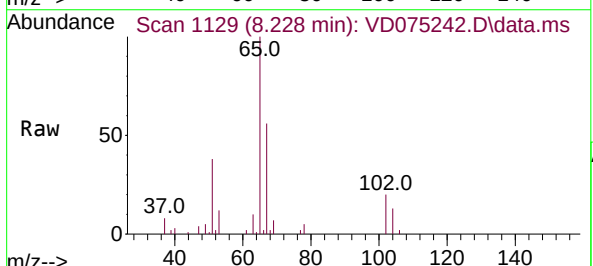
Acq: 30 Jan 2023 17:11

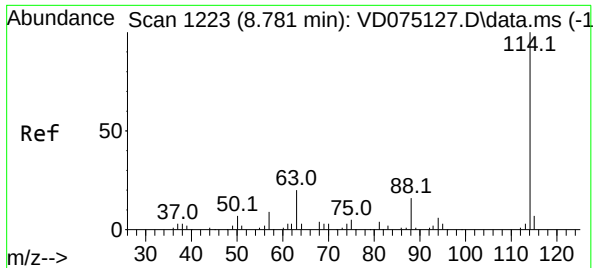
Tgt Ion: 65 Resp: 39582

Ion Ratio Lower Upper

65 100

67 51.7 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075242.D

Acq: 30 Jan 2023 17:11

Instrument :

MSVOA_D

ClientSampleId :

N-H5(32-34)

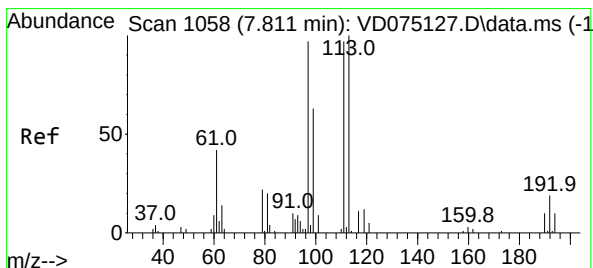
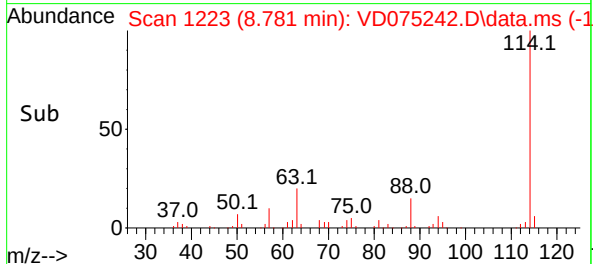
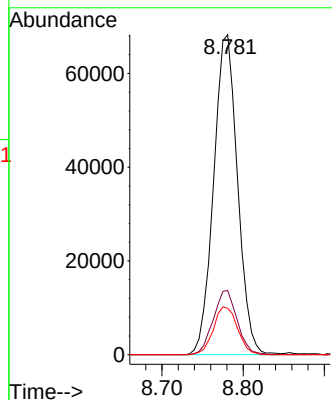
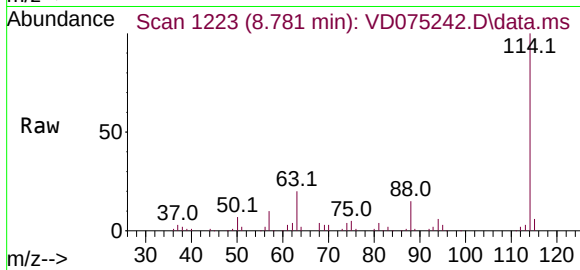
Tgt Ion:114 Resp: 139948

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.2

88 14.5 0.0 32.2



#35

Dibromofluoromethane

Concen: 47.307 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD075242.D

Acq: 30 Jan 2023 17:11

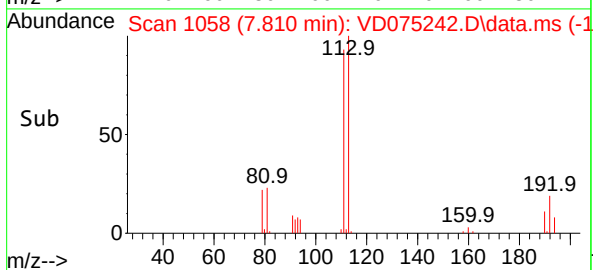
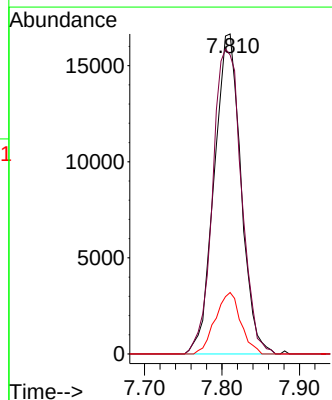
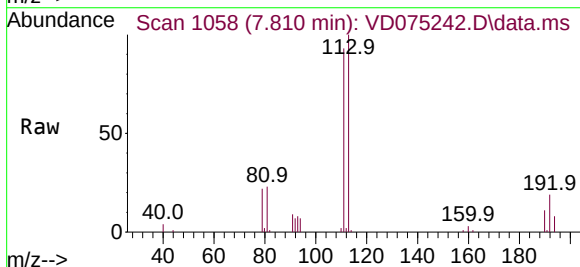
Tgt Ion:113 Resp: 40006

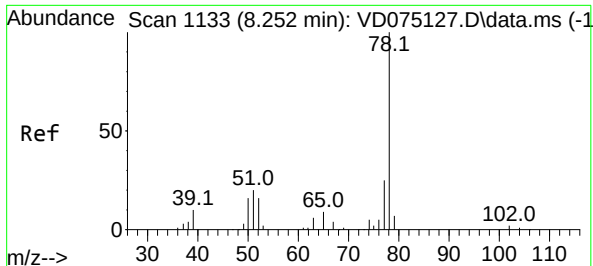
Ion Ratio Lower Upper

113 100

111 102.0 80.1 120.1

192 18.3 15.4 23.0

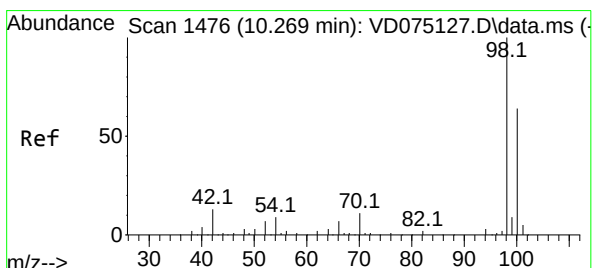
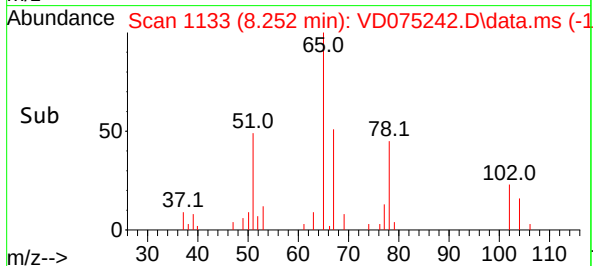
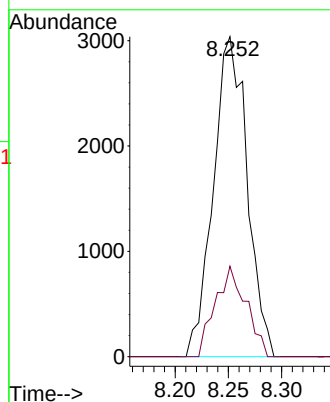
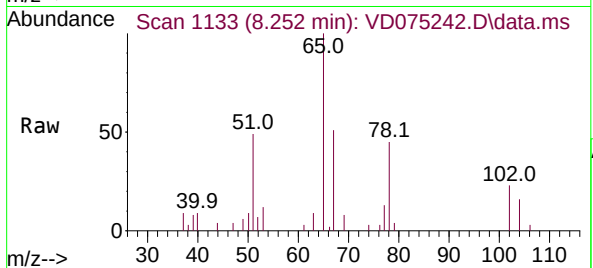




#40
Benzene
Concen: 1.730 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD075242.D
Acq: 30 Jan 2023 17:11

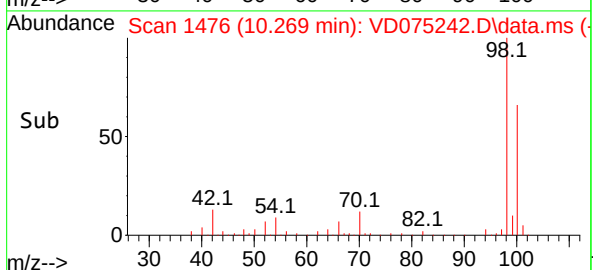
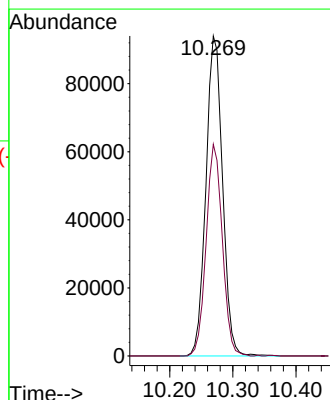
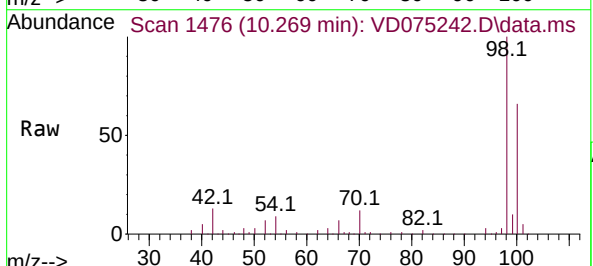
Instrument :
MSVOA_D
ClientSampleId :
N-H5(32-34)

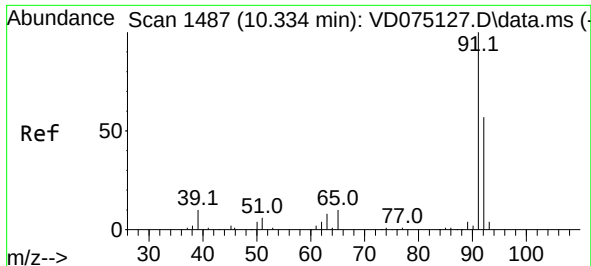
Tgt Ion: 78 Resp: 6702
Ion Ratio Lower Upper
78 100
77 28.3 19.8 29.6



#50
Toluene-d8
Concen: 51.537 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075242.D
Acq: 30 Jan 2023 17:11

Tgt Ion: 98 Resp: 171602
Ion Ratio Lower Upper
98 100
100 64.4 52.7 79.1

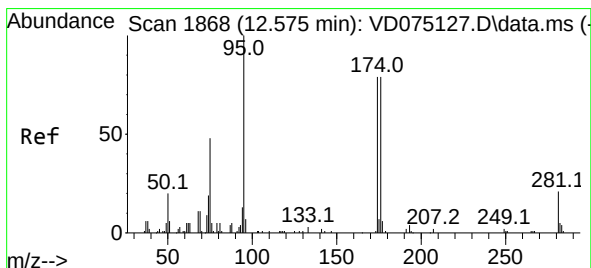
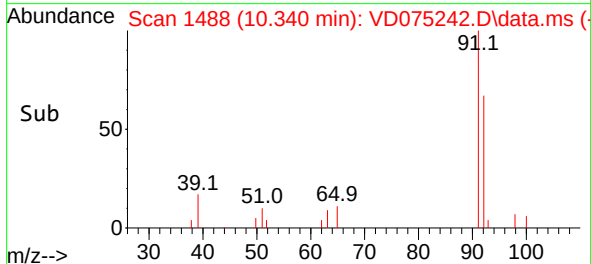
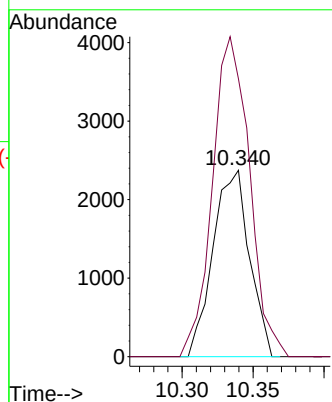
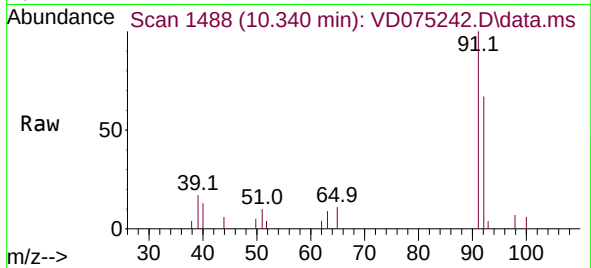




#52
Toluene
Concen: 1.729 ug/l
RT: 10.340 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VD075242.D
Acq: 30 Jan 2023 17:11

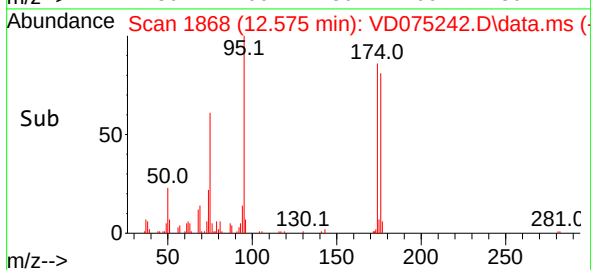
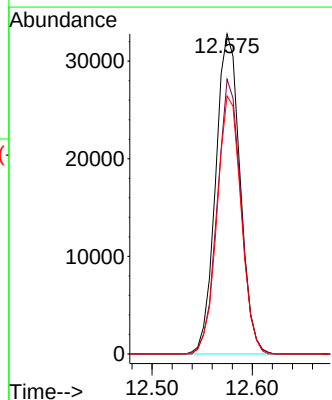
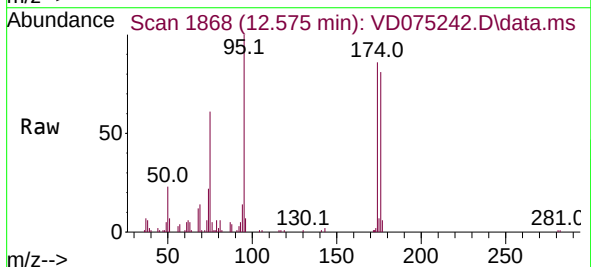
Instrument :
MSVOA_D
ClientSampleId :
N-H5(32-34)

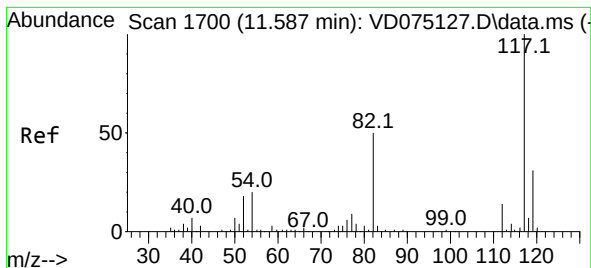
Tgt Ion: 92 Resp: 4234
Ion Ratio Lower Upper
92 100
91 174.9 137.0 205.4



#62
4-Bromofluorobenzene
Concen: 52.473 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075242.D
Acq: 30 Jan 2023 17:11

Tgt Ion: 95 Resp: 55451
Ion Ratio Lower Upper
95 100
174 83.2 0.0 161.2
176 79.6 0.0 160.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD075242.D

Acq: 30 Jan 2023 17:11

Instrument :

MSVOA_D

ClientSampleId :

N-H5(32-34)

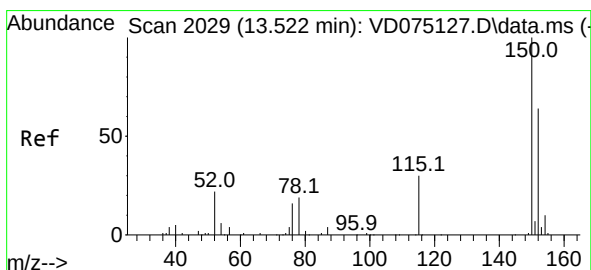
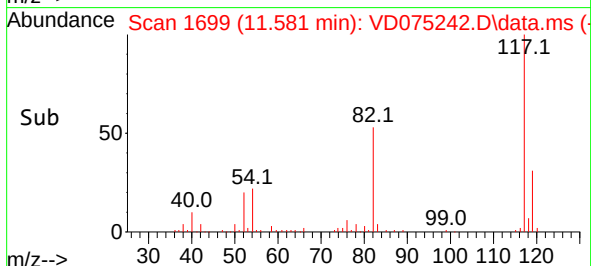
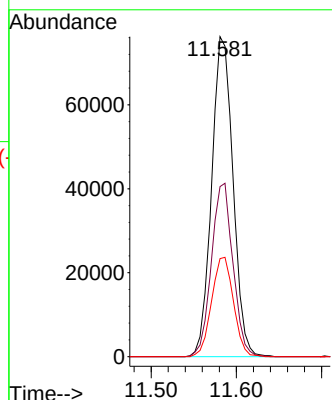
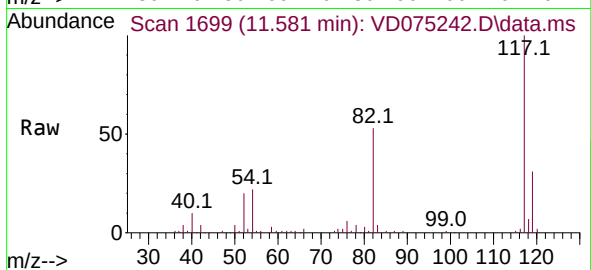
Tgt Ion:117 Resp: 133085

Ion Ratio Lower Upper

117 100

82 53.2 39.6 59.4

119 30.7 24.6 37.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD075242.D

Acq: 30 Jan 2023 17:11

Tgt Ion:152 Resp: 60510

Ion Ratio Lower Upper

152 100

115 59.3 28.8 86.4

150 161.2 0.0 348.6

