

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020823\
 Data File : VD075277.D
 Acq On : 08 Feb 2023 17:45
 Operator : KP/SY
 Sample : 01477-01
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-6-020723

Quant Time: Feb 09 05:42:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

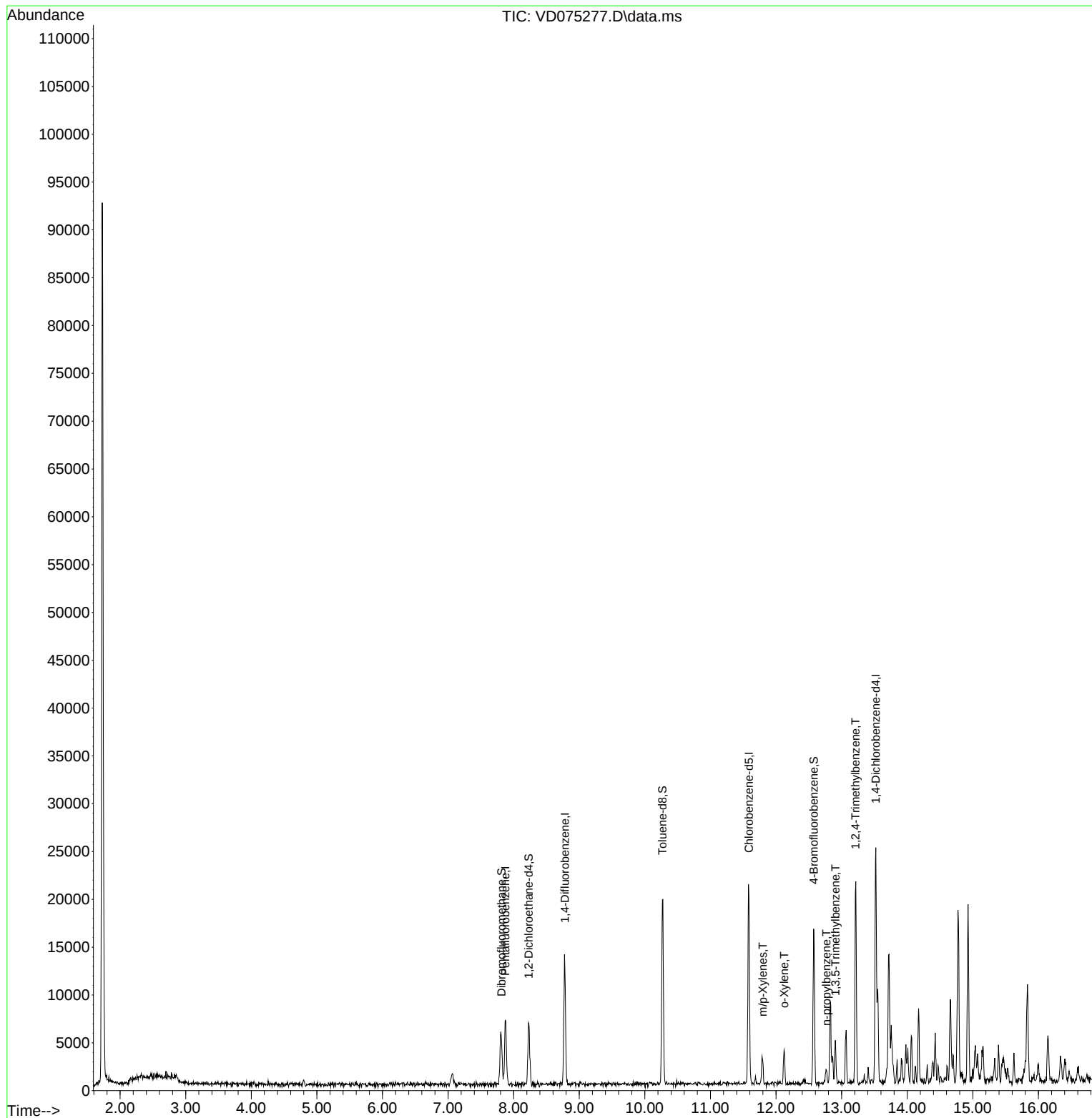
Internal Standards						
1) Pentafluorobenzene	7.875	168	5668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	11355	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	12861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	6109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	5016	75.472	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	150.940%
35) Dibromofluoromethane	7.816	113	4308	54.106	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.220%
50) Toluene-d8	10.269	98	14224	47.107	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.220%
62) 4-Bromofluorobenzene	12.575	95	5420	54.437	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.880%
Target Compounds						
					Qvalue	
68) m/p-Xylenes	11.798	106	1095	5.376	ug/l	96
69) o-Xylene	12.128	106	1036	5.445	ug/l	83
78) n-propylbenzene	12.769	91	1995	3.240	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	2742	6.654	ug/l	83
84) 1,2,4-Trimethylbenzene	13.210	105	11163	27.123	ug/l	96

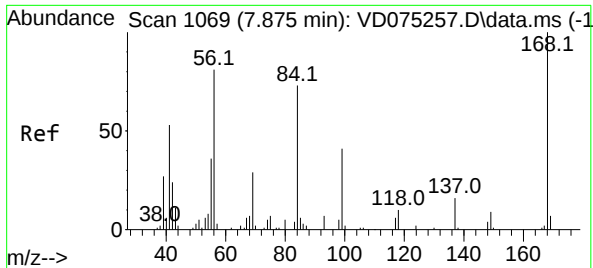
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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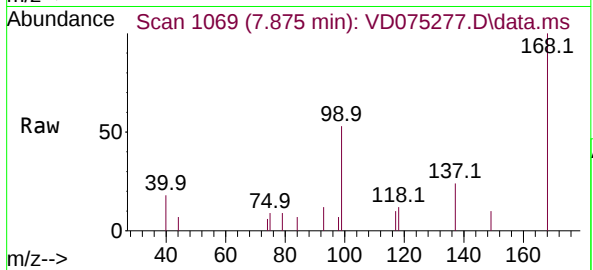
Quant Time: Feb 09 05:42:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 08 04:26:58 2023
Response via : Initial Calibration



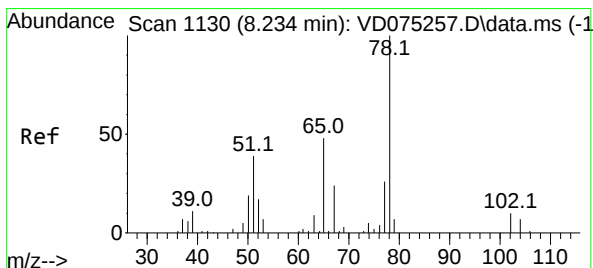
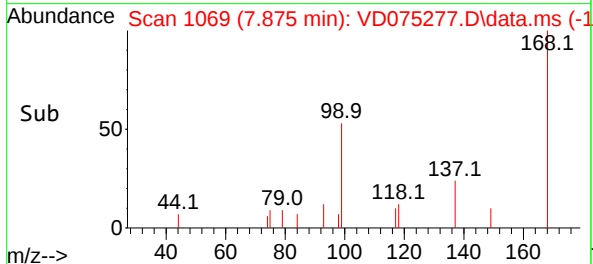
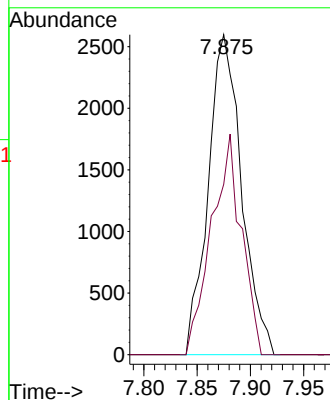


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD075277.D
Acq: 08 Feb 2023 17:45

Instrument :
MSVOA_D
ClientSampleId :
TR-6-020723

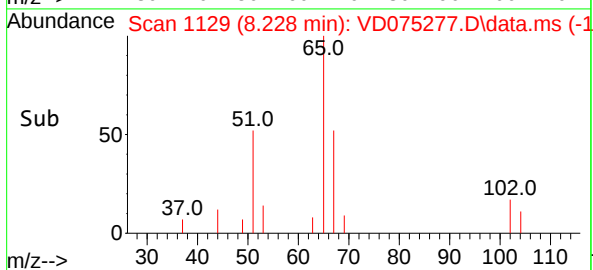
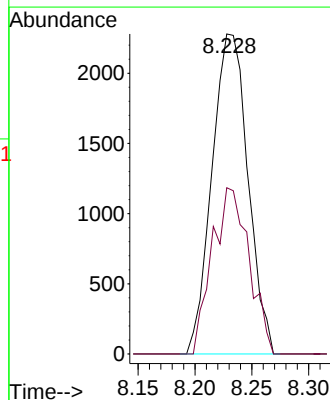
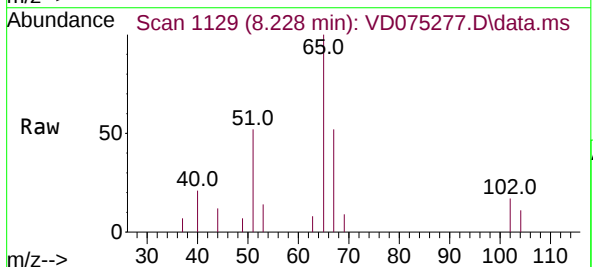


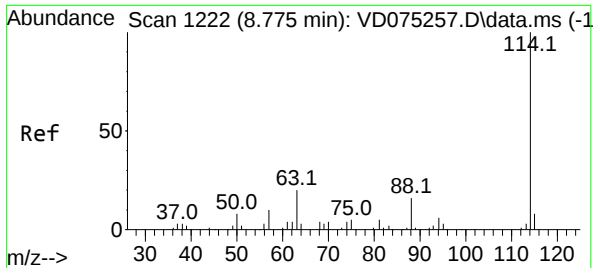
Tgt Ion:168 Resp: 5668
Ion Ratio Lower Upper
168 100
99 53.2 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 75.472 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075277.D
Acq: 08 Feb 2023 17:45

Tgt Ion: 65 Resp: 5016
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075277.D

Acq: 08 Feb 2023 17:45

Instrument :

MSVOA_D

ClientSampleId :

TR-6-020723

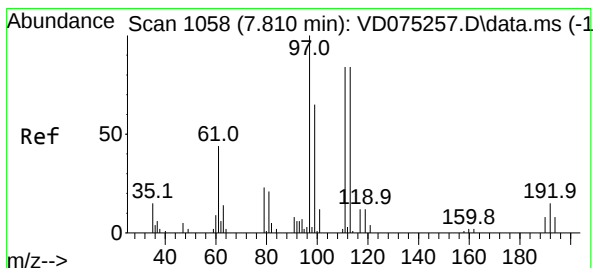
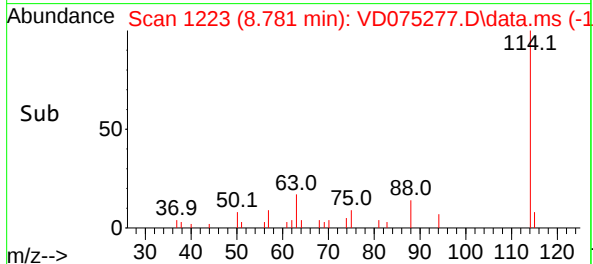
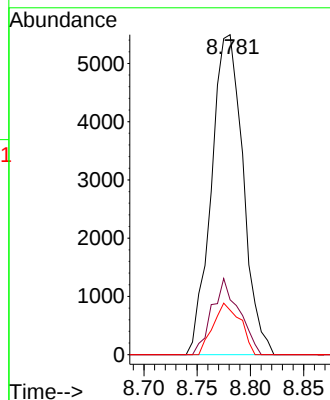
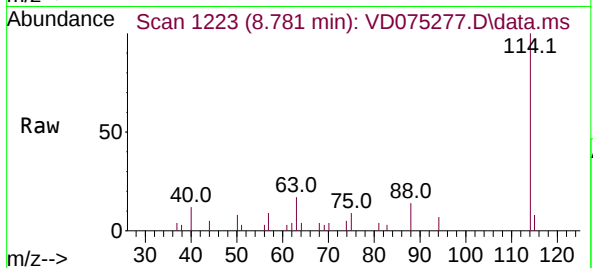
Tgt Ion:114 Resp: 11355

Ion Ratio Lower Upper

114 100

63 17.2 0.0 40.2

88 13.9 0.0 32.2



#35

Dibromofluoromethane

Concen: 54.106 ug/l

RT: 7.816 min Scan# 1059

Delta R.T. 0.006 min

Lab File: VD075277.D

Acq: 08 Feb 2023 17:45

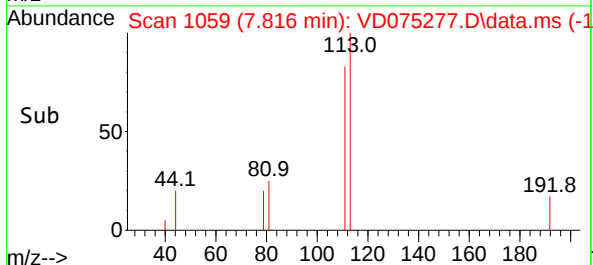
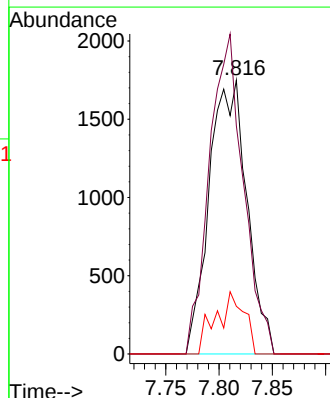
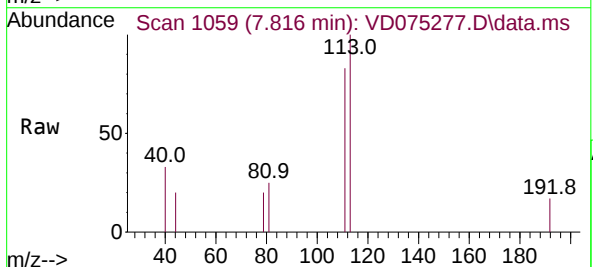
Tgt Ion:113 Resp: 4308

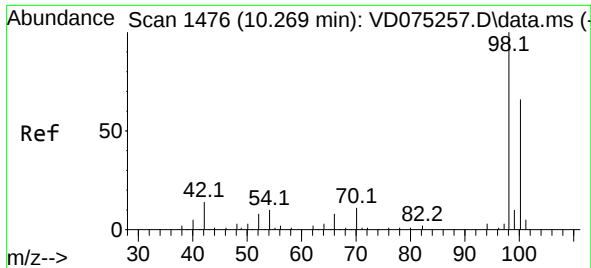
Ion Ratio Lower Upper

113 100

111 105.4 80.1 120.1

192 17.1 15.4 23.0

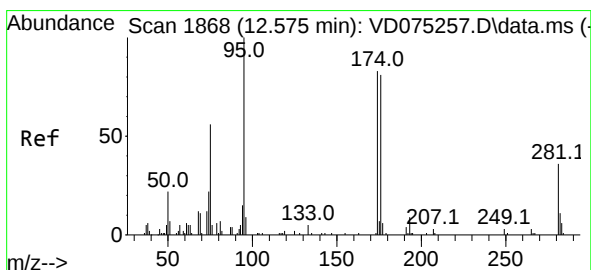
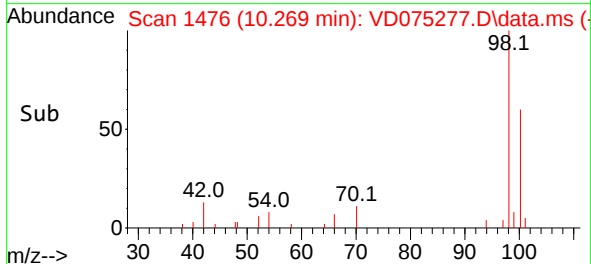
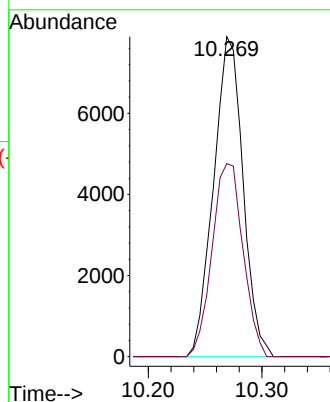
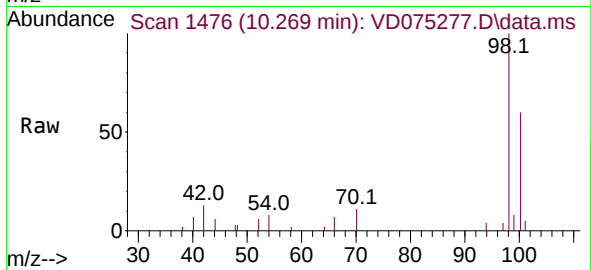




#50
Toluene-d8
Concen: 47.107 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075277.D
Acq: 08 Feb 2023 17:45

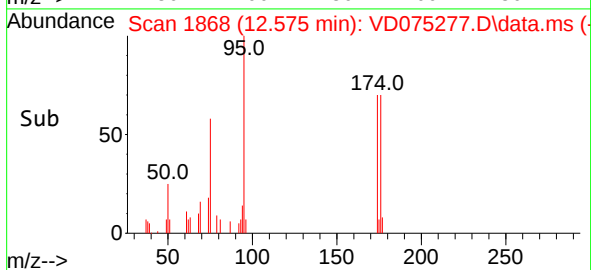
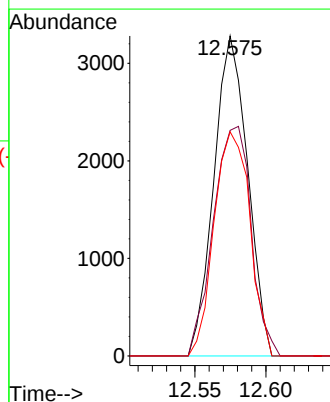
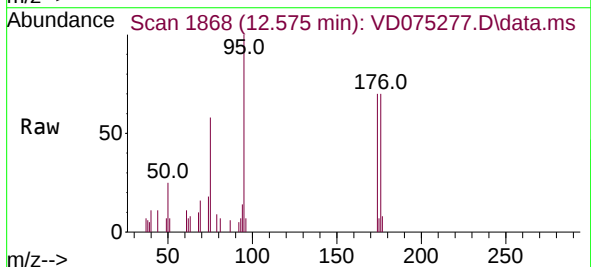
Instrument :
MSVOA_D
ClientSampleId :
TR-6-020723

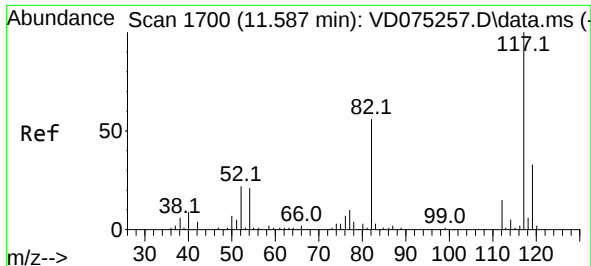
Tgt Ion: 98 Resp: 14224
Ion Ratio Lower Upper
98 100
100 63.3 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 54.437 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075277.D
Acq: 08 Feb 2023 17:45

Tgt Ion: 95 Resp: 5420
Ion Ratio Lower Upper
95 100
174 80.3 0.0 161.2
176 74.3 0.0 160.2

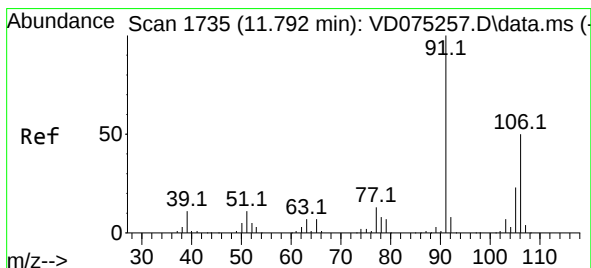
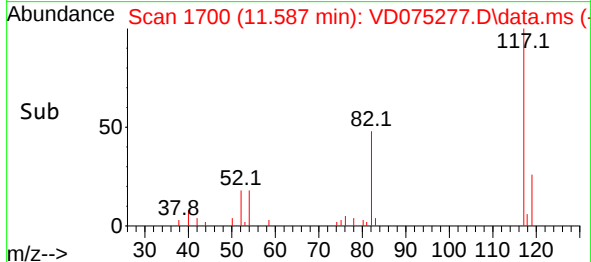
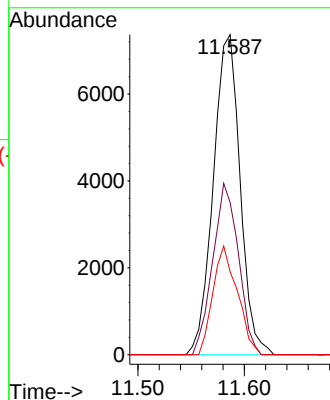
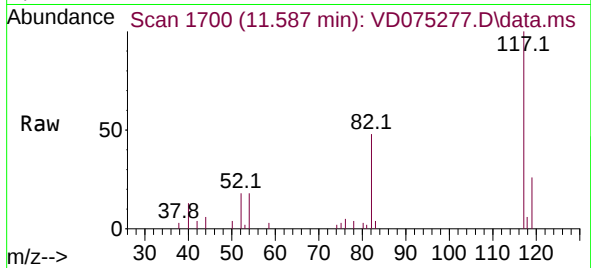




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD075277.D
Acq: 08 Feb 2023 17:45

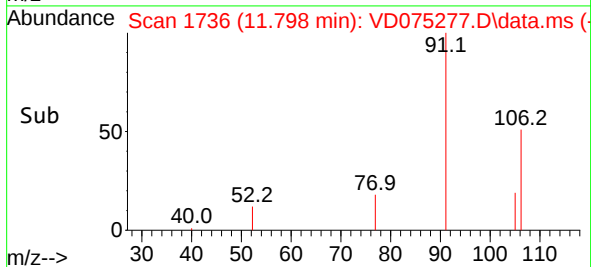
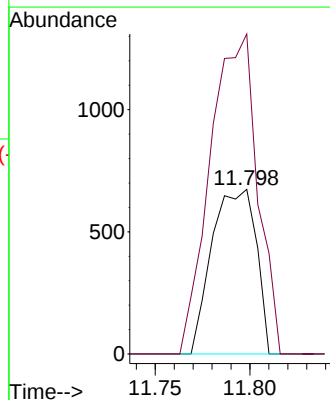
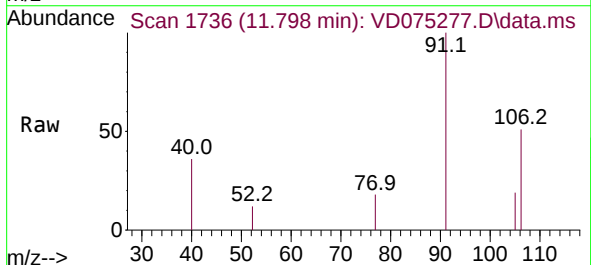
Instrument :
MSVOA_D
ClientSampleId :
TR-6-020723

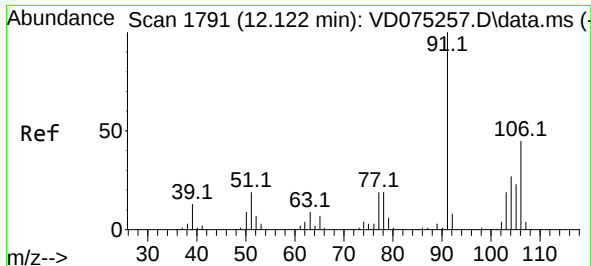
Tgt Ion:117 Resp: 12861
Ion Ratio Lower Upper
117 100
82 47.6 39.6 59.4
119 25.9 24.6 37.0



#68
m/p-Xylenes
Concen: 5.376 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD075277.D
Acq: 08 Feb 2023 17:45

Tgt Ion:106 Resp: 1095
Ion Ratio Lower Upper
106 100
91 206.9 160.3 240.5

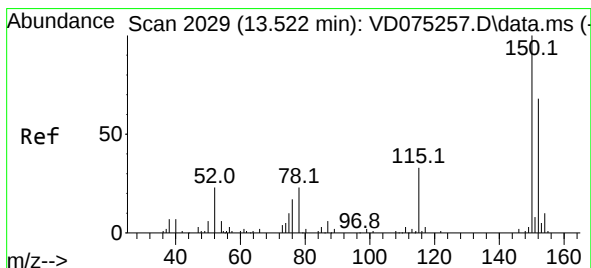
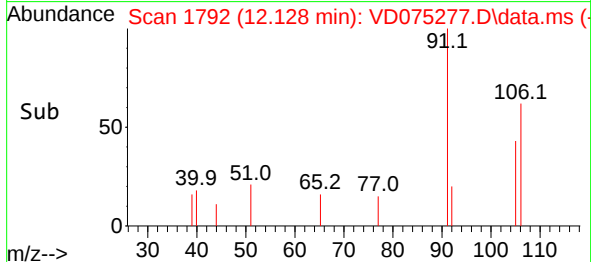
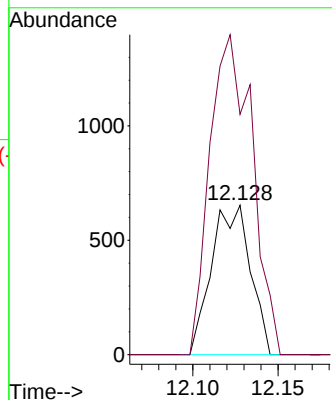
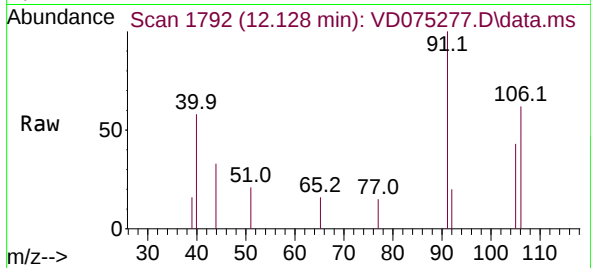




#69
o-Xylene
Concen: 5.445 ug/l
RT: 12.128 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075277.D
Acq: 08 Feb 2023 17:45

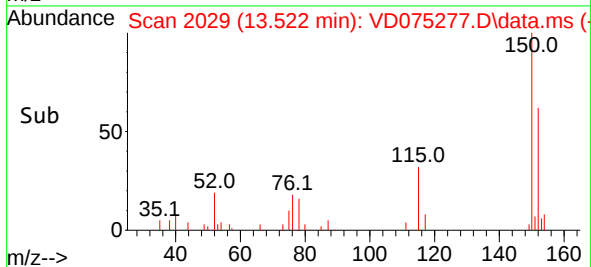
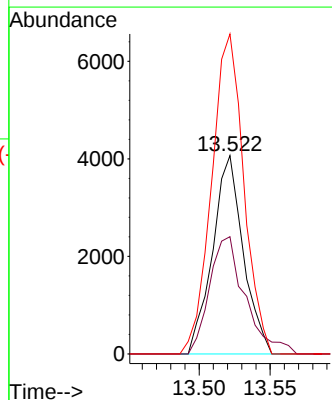
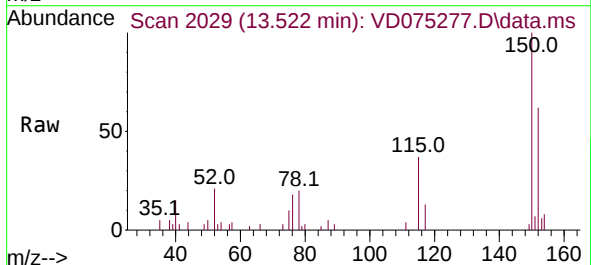
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ClientSampleId :
TR-6-020723

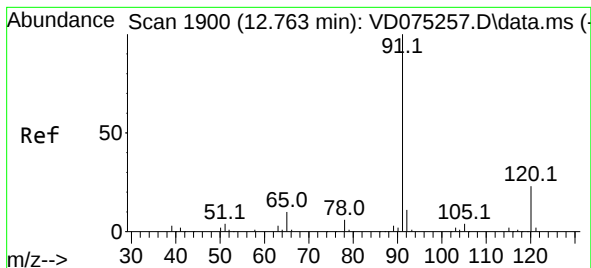
Tgt Ion:106 Resp: 1036
Ion Ratio Lower Upper
106 100
91 233.3 103.6 310.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075277.D
Acq: 08 Feb 2023 17:45

Tgt Ion:152 Resp: 6109
Ion Ratio Lower Upper
152 100
115 68.9 28.8 86.4
150 169.1 0.0 348.6





#78

n-propylbenzene

Concen: 3.240 ug/l

RT: 12.769 min Scan# 1901

Delta R.T. 0.006 min

Lab File: VD075277.D

Acq: 08 Feb 2023 17:45

Instrument :

MSVOA_D

ClientSampleId :

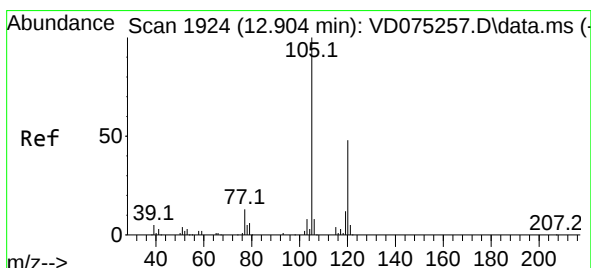
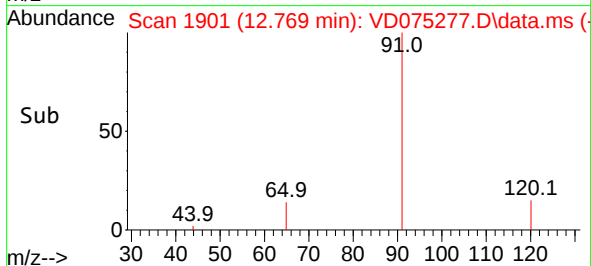
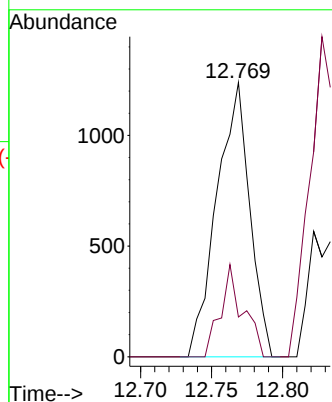
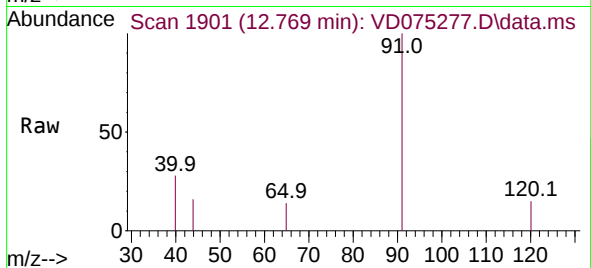
TR-6-020723

Tgt Ion: 91 Resp: 1995

Ion Ratio Lower Upper

91 100

120 22.9 11.7 35.0



#80

1,3,5-Trimethylbenzene

Concen: 6.654 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD075277.D

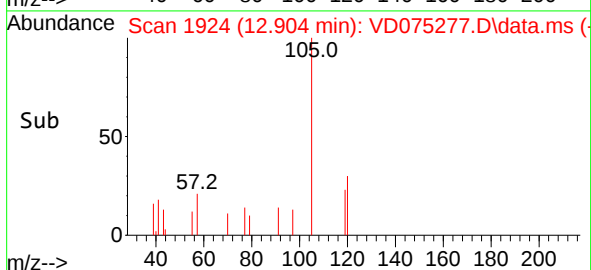
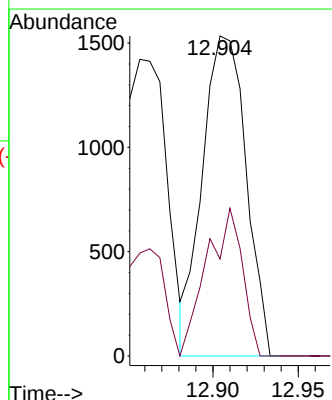
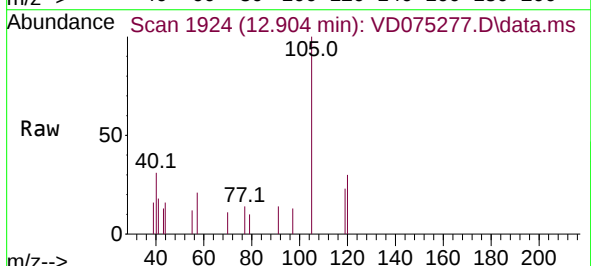
Acq: 08 Feb 2023 17:45

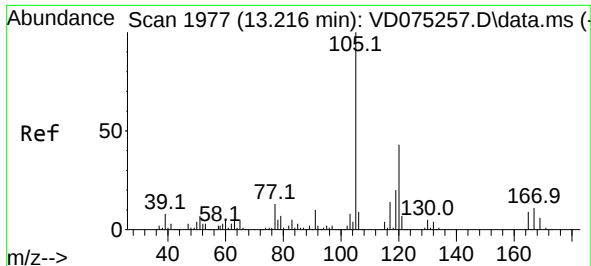
Tgt Ion: 105 Resp: 2742

Ion Ratio Lower Upper

105 100

120 37.7 24.6 73.8





#84

1,2,4-Trimethylbenzene

Concen: 27.123 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.006 min

Lab File: VD075277.D

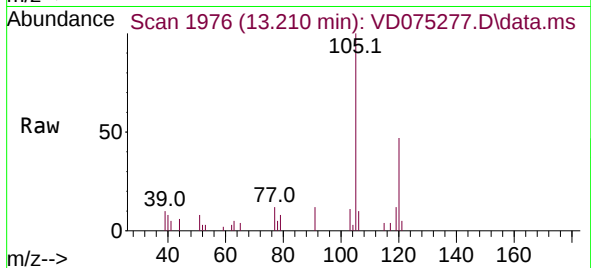
Acq: 08 Feb 2023 17:45

Instrument :

MSVOA_D

ClientSampleId :

TR-6-020723



Tgt Ion:105 Resp: 11163

Ion Ratio Lower Upper

105 100

120 49.2 23.2 69.5

