

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012023\
 Data File : VD075164.D
 Acq On : 20 Jan 2023 20:13
 Operator : KP/SY
 Sample : 01240-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-011923

Quant Time: Jan 23 00:34:46 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)

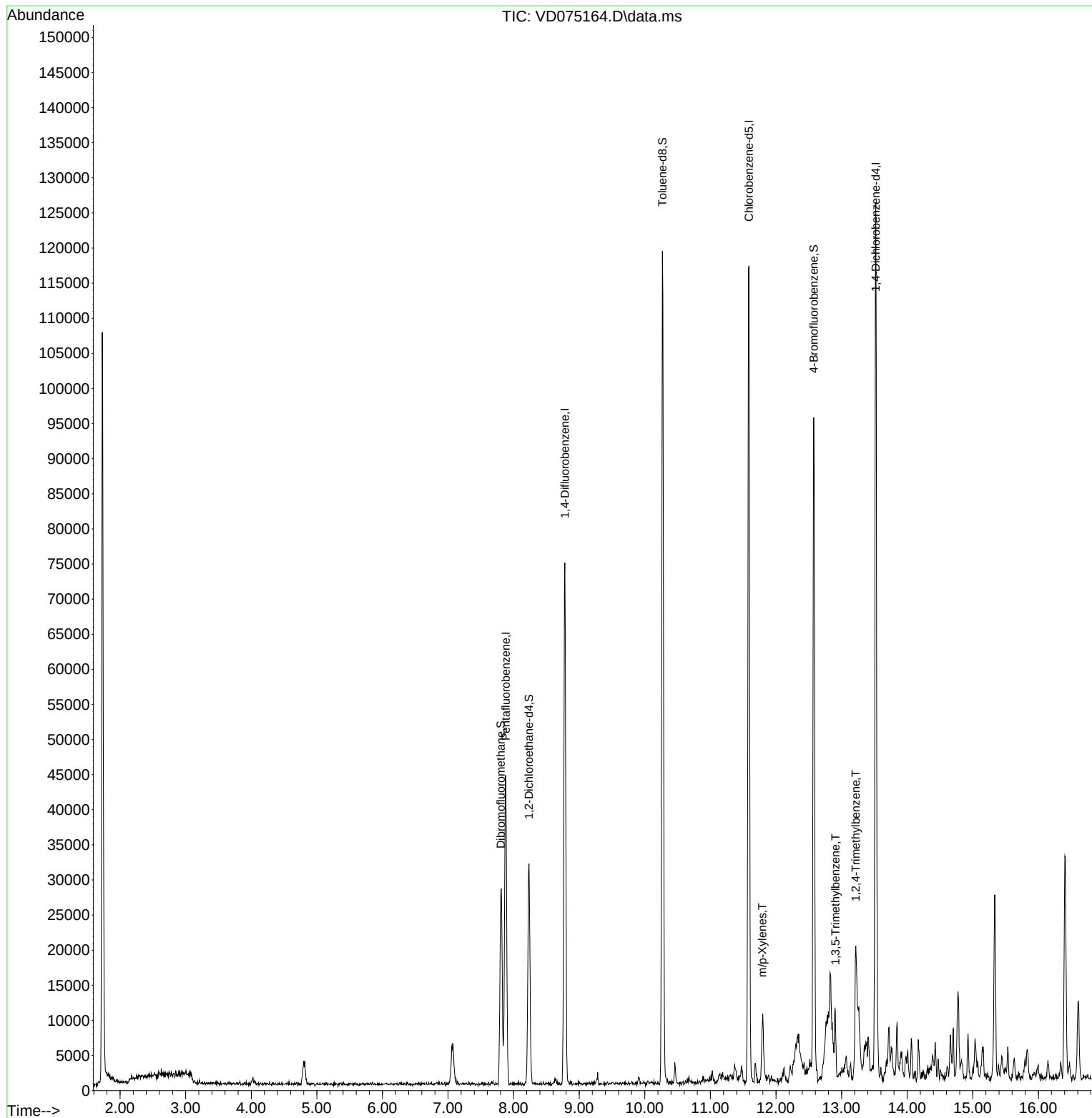
Internal Standards						
1) Pentafluorobenzene	7.881	168	33738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	64955	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	67081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	32275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	24824	72.106	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 144.220%		
35) Dibromofluoromethane	7.805	113	20180	51.414	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 102.820%		
50) Toluene-d8	10.269	98	80781	52.271	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 104.540%		
62) 4-Bromofluorobenzene	12.575	95	30324	61.826	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 123.660%		
Target Compounds						
						Qvalue
68) m/p-Xylenes	11.793	106	2727	2.853	ug/l	86
80) 1,3,5-Trimethylbenzene	12.904	105	2286	1.094	ug/l	97
84) 1,2,4-Trimethylbenzene	13.216	105	8034	3.917	ug/l	95

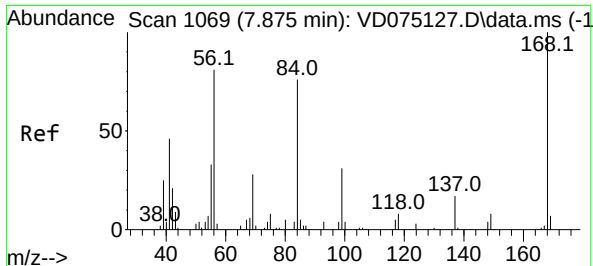
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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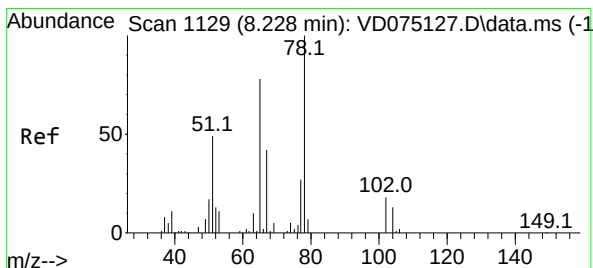
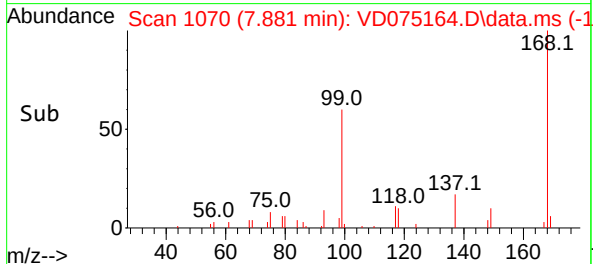
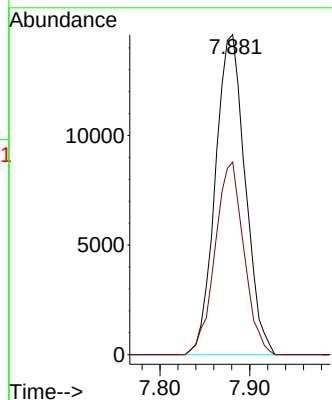
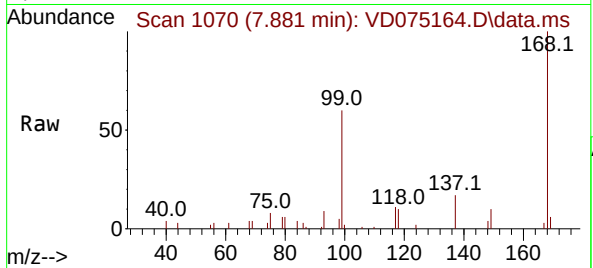




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075164.D
Acq: 20 Jan 2023 20:13

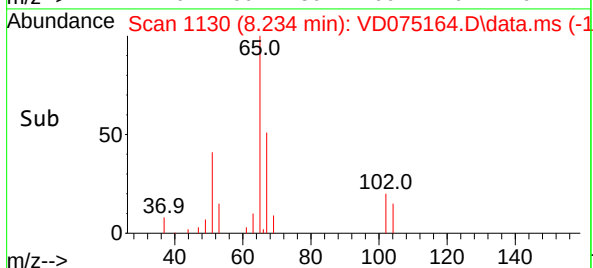
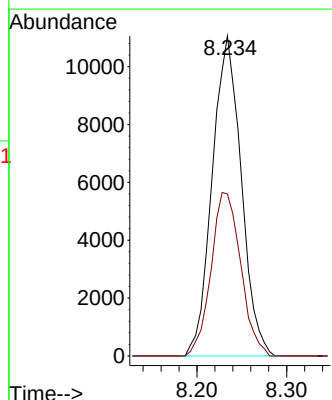
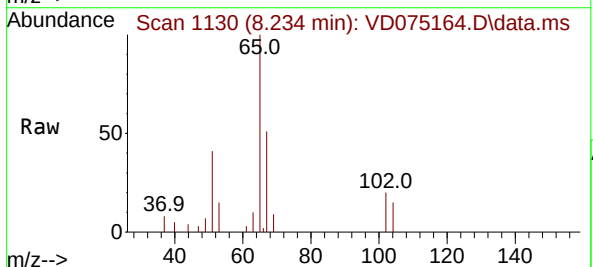
Instrument :
MSVOA_D
ClientSampleId :
TR-05-011923

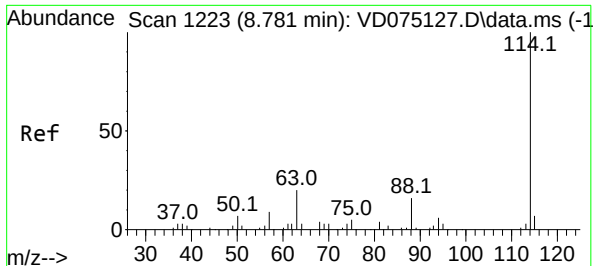
Tgt Ion:168 Resp: 33738
Ion Ratio Lower Upper
168 100
99 60.2 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 72.106 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075164.D
Acq: 20 Jan 2023 20:13

Tgt Ion: 65 Resp: 24824
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075164.D

Acq: 20 Jan 2023 20:13

Instrument :

MSVOA_D

ClientSampleId :

TR-05-011923

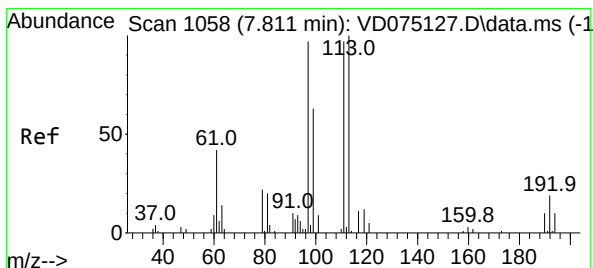
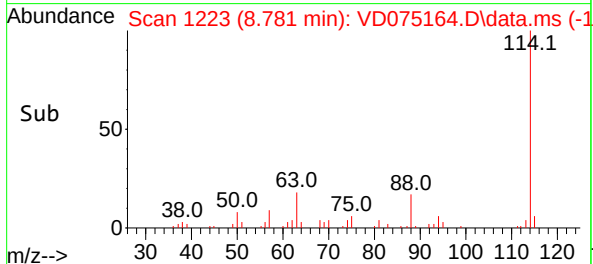
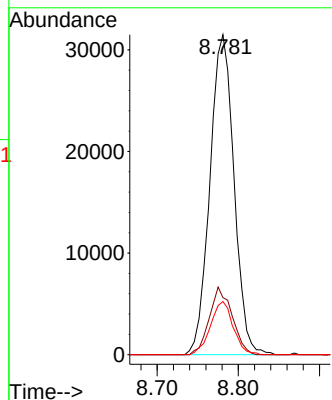
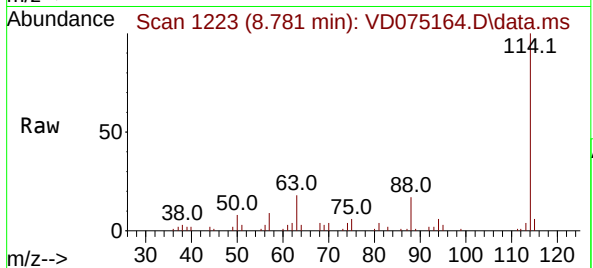
Tgt Ion:114 Resp: 64955

Ion Ratio Lower Upper

114 100

63 17.9 0.0 40.2

88 16.6 0.0 32.2



#35

Dibromofluoromethane

Concen: 51.414 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD075164.D

Acq: 20 Jan 2023 20:13

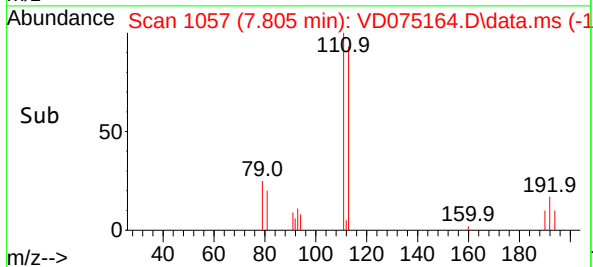
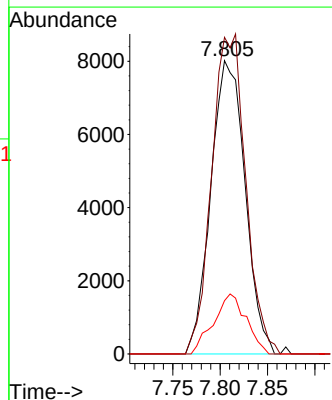
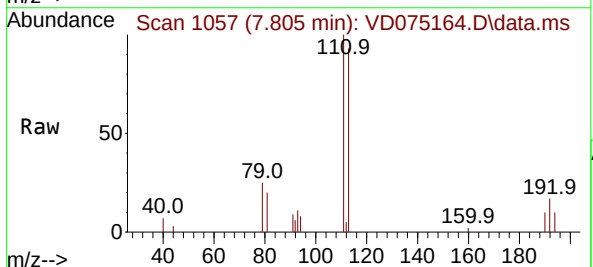
Tgt Ion:113 Resp: 20180

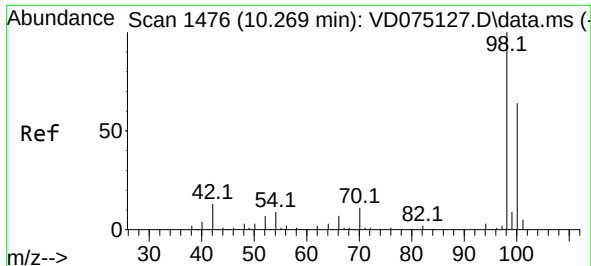
Ion Ratio Lower Upper

113 100

111 108.0 80.1 120.1

192 19.5 15.4 23.0

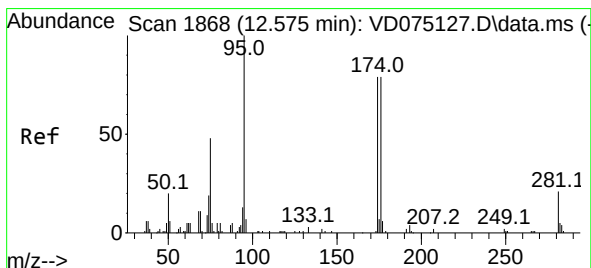
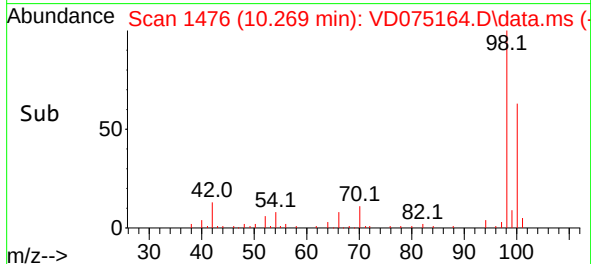
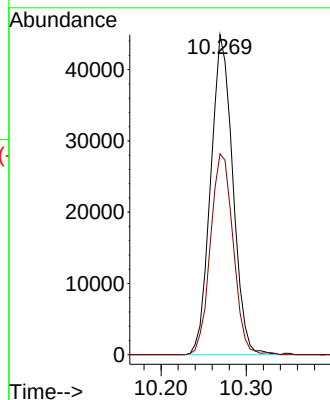
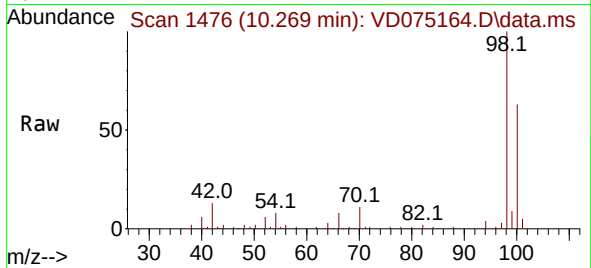




#50
Toluene-d8
Concen: 52.271 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075164.D
Acq: 20 Jan 2023 20:13

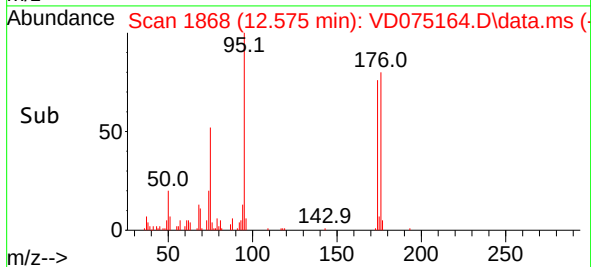
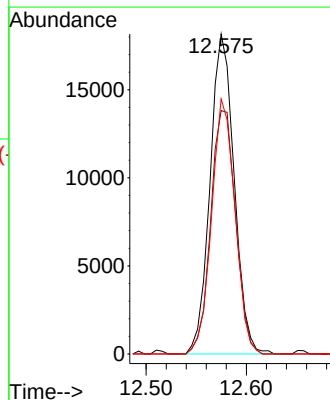
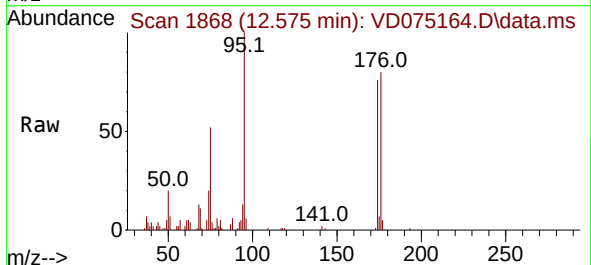
Instrument :
MSVOA_D
ClientSampleId :
TR-05-011923

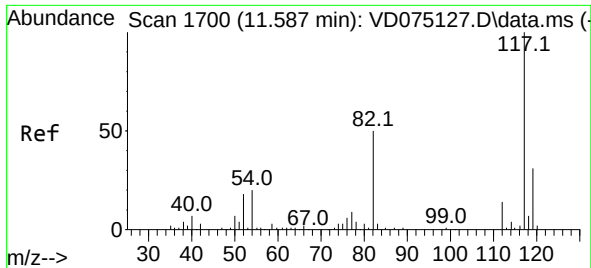
Tgt Ion: 98 Resp: 80781
Ion Ratio Lower Upper
98 100
100 64.7 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 61.826 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075164.D
Acq: 20 Jan 2023 20:13

Tgt Ion: 95 Resp: 30324
Ion Ratio Lower Upper
95 100
174 78.7 0.0 161.2
176 77.7 0.0 160.2

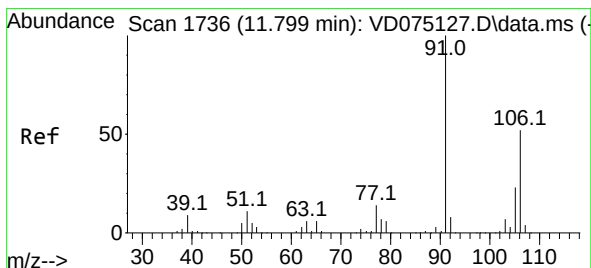
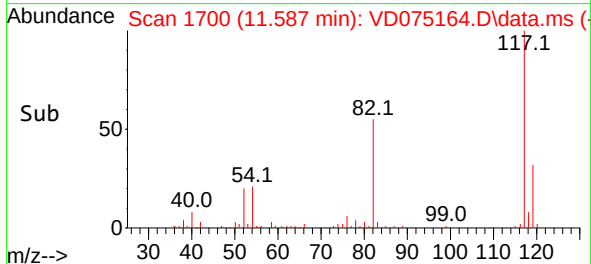
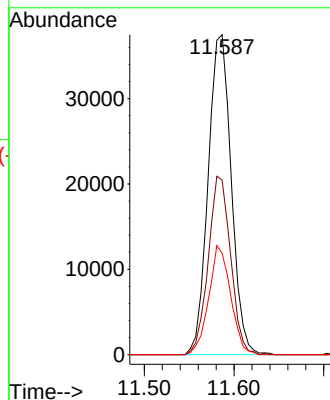
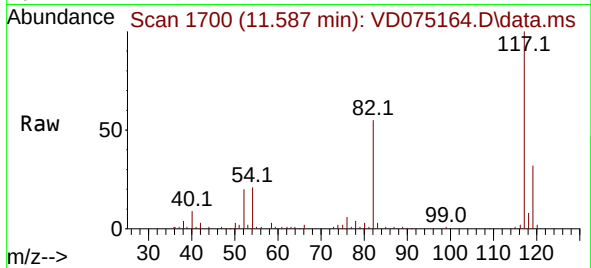




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD075164.D
Acq: 20 Jan 2023 20:13

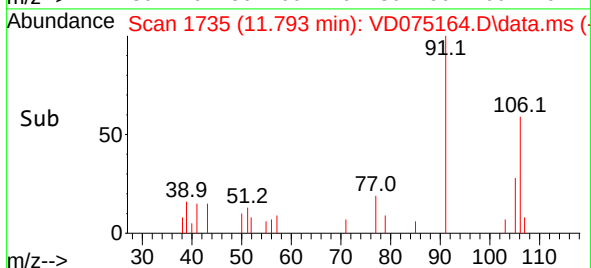
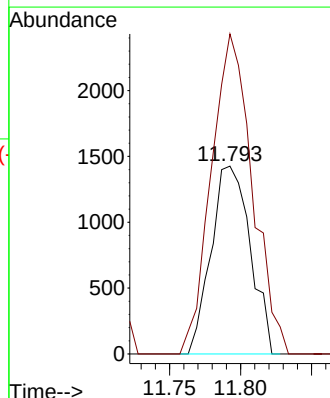
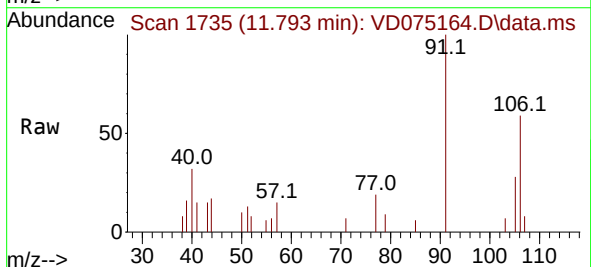
Instrument :
MSVOA_D
ClientSampleId :
TR-05-011923

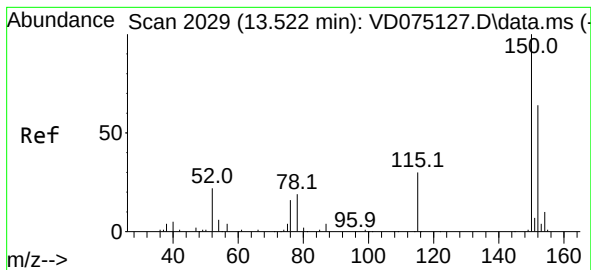
Tgt Ion:117 Resp: 67081
Ion Ratio Lower Upper
117 100
82 54.5 39.6 59.4
119 31.7 24.6 37.0



#68
m/p-Xylenes
Concen: 2.853 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD075164.D
Acq: 20 Jan 2023 20:13

Tgt Ion:106 Resp: 2727
Ion Ratio Lower Upper
106 100
91 179.4 160.3 240.5

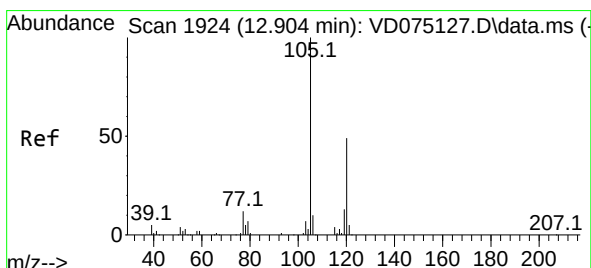
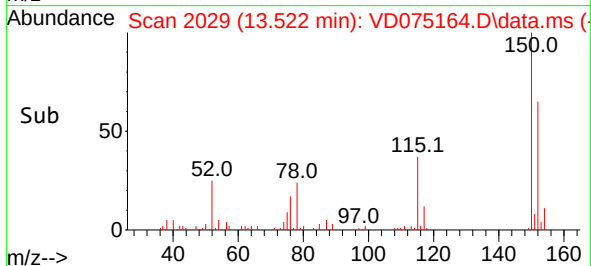
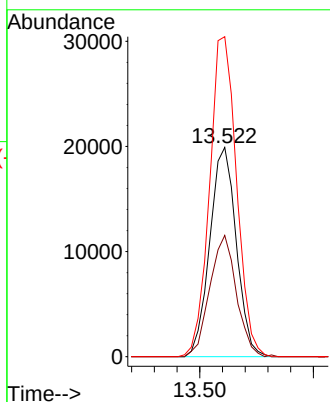
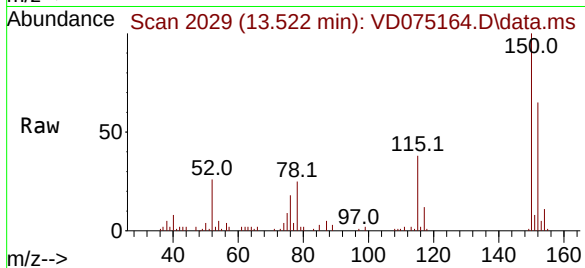




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2029
 Delta R.T. -0.000 min
 Lab File: VD075164.D
 Acq: 20 Jan 2023 20:13

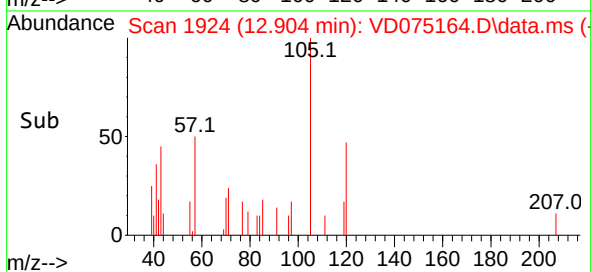
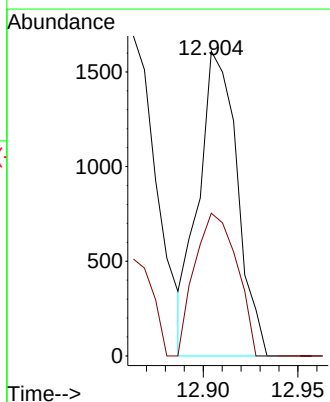
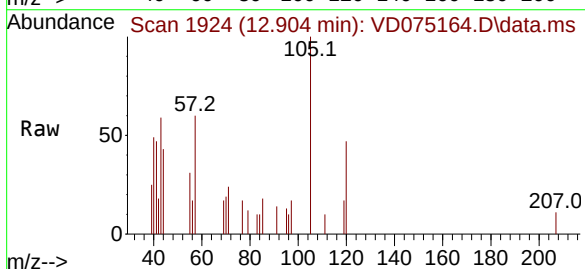
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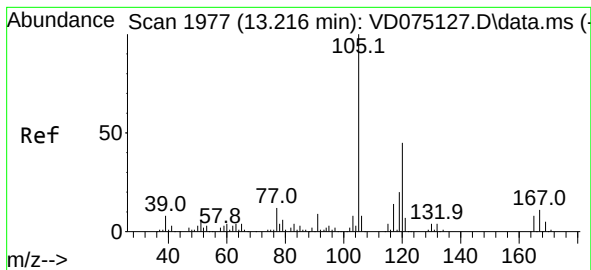
Tgt Ion:152 Resp: 32275
 Ion Ratio Lower Upper
 152 100
 115 58.3 28.8 86.4
 150 155.8 0.0 348.6



#80
 1,3,5-Trimethylbenzene
 Concen: 1.094 ug/l
 RT: 12.904 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VD075164.D
 Acq: 20 Jan 2023 20:13

Tgt Ion:105 Resp: 2286
 Ion Ratio Lower Upper
 105 100
 120 51.1 24.6 73.8





#84

1,2,4-Trimethylbenzene

Concen: 3.917 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. -0.000 min

Lab File: VD075164.D

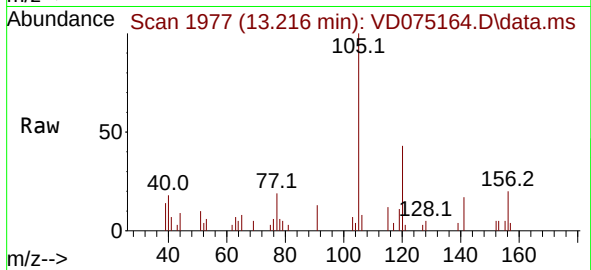
Acq: 20 Jan 2023 20:13

Instrument :

MSVOA_D

ClientSampleId :

TR-05-011923



Tgt Ion:105 Resp: 8034

Ion Ratio Lower Upper

105 100

120 42.9 23.2 69.5

