

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121721\
 Data File : VD071385.D
 Acq On : 17 Dec 2021 17:18
 Operator : VA/SY
 Sample : M5142-01
 Misc : 4.96G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A2

Quant Time: Dec 19 01:53:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

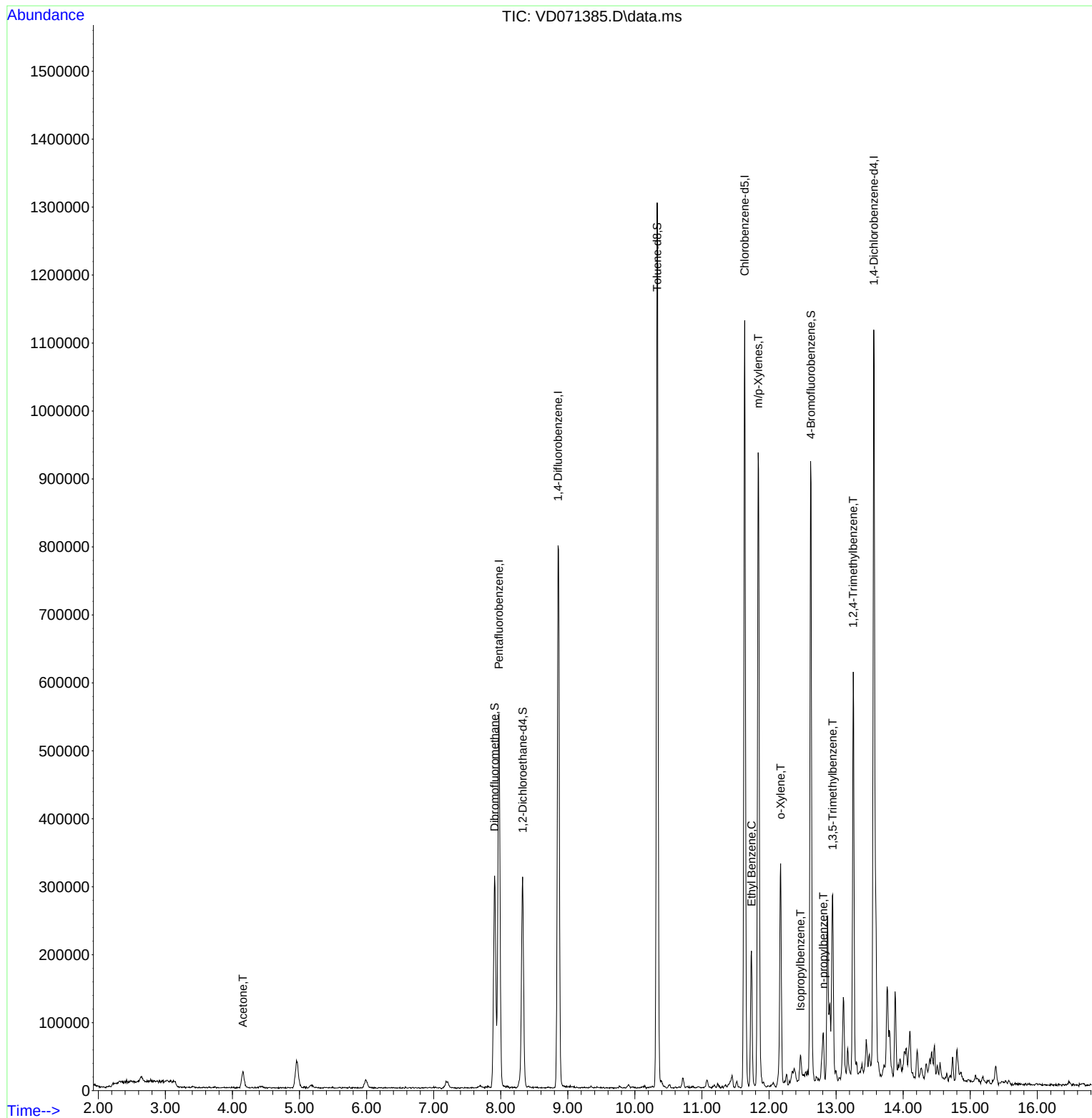
Internal Standards						
1) Pentafluorobenzene	7.973	168	373979	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.855	114	646598	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	583435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	262465	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	240512	54.809	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.620%	
35) Dibromofluoromethane	7.908	113	215310	52.292	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.580%	
50) Toluene-d8	10.332	98	826536	52.749	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.500%	
62) 4-Bromofluorobenzene	12.626	95	270143	49.737	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.480%	
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	43027	63.173	ug/l #	83
67) Ethyl Benzene	11.738	91	139014	6.822	ug/l	92
68) m/p-Xylenes	11.838	106	274555	35.686	ug/l	98
69) o-Xylene	12.173	106	83096	11.492	ug/l	97
73) Isopropylbenzene	12.467	105	19410	1.021	ug/l	99
78) n-propylbenzene	12.808	91	51608	2.181	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	102745	6.556	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	312876	20.449	ug/l	98

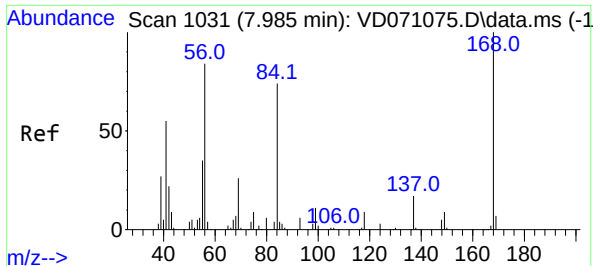
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121721\
Data File : VD071385.D
Acq On : 17 Dec 2021 17:18
Operator : VA/SY
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Misc : 4.96G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A2

Quant Time: Dec 19 01:53:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 29 17:54:09 2021
Response via : Initial Calibration

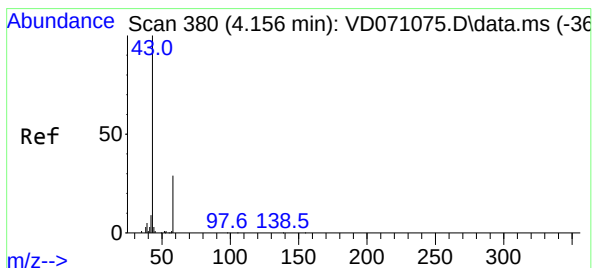
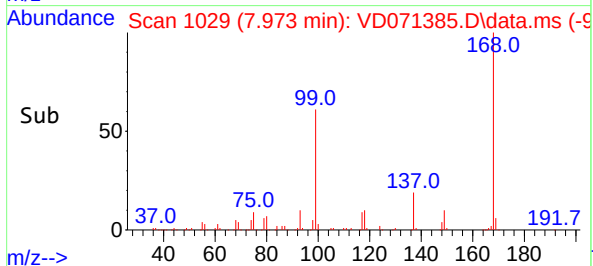
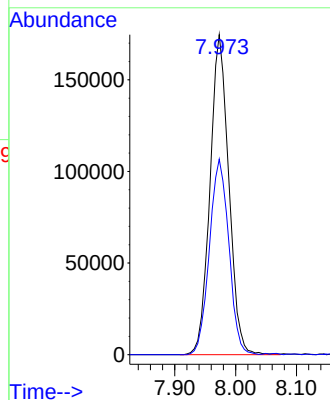
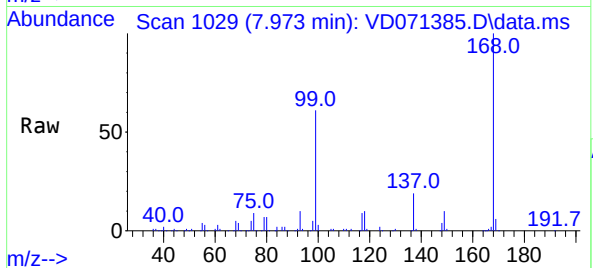




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1031
Delta R.T. -0.012 min
Lab File: VD071385.D
Acq: 17 Dec 2021 17:18

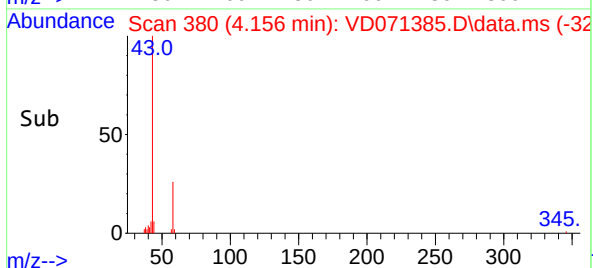
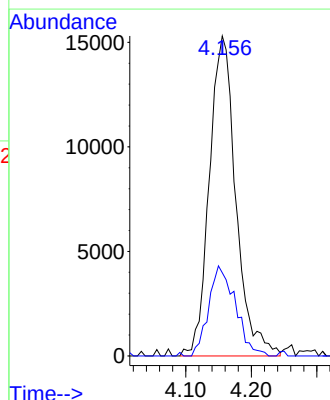
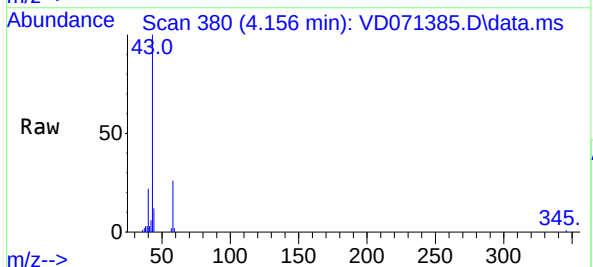
Instrument :
MSVOA_D
ClientSampleId :
A2

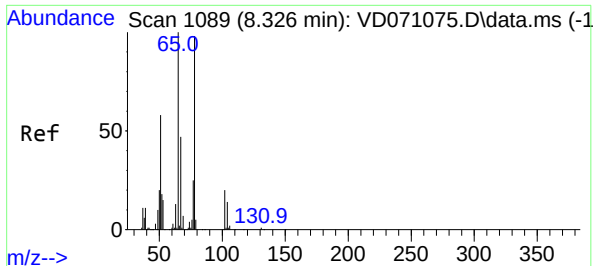
Tgt Ion:168 Resp: 373979
Ion Ratio Lower Upper
168 100
99 61.1 46.6 69.8



#16
Acetone
Concen: 63.173 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071385.D
Acq: 17 Dec 2021 17:18

Tgt Ion: 43 Resp: 43027
Ion Ratio Lower Upper
43 100
58 24.9 27.8 41.8#

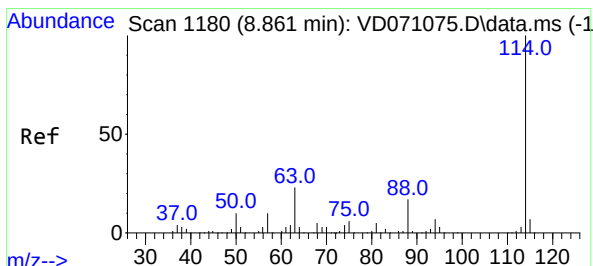
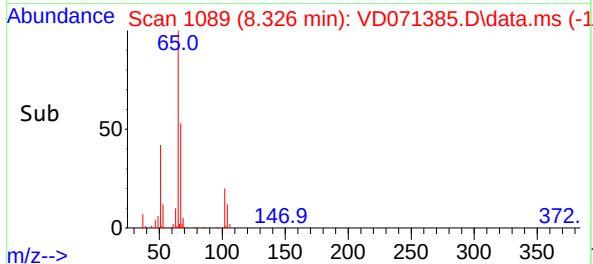
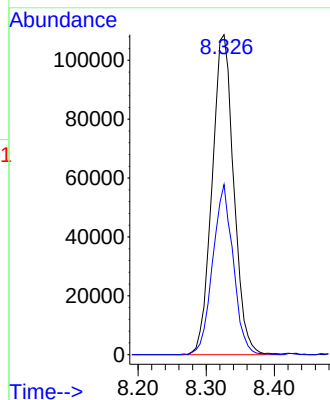
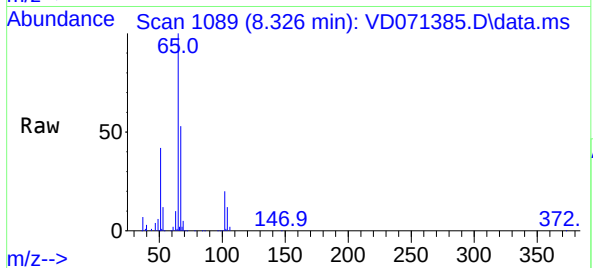




#33
1,2-Dichloroethane-d4
Concen: 54.809 ug/l
RT: 8.326 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VD071385.D
Acq: 17 Dec 2021 17:18

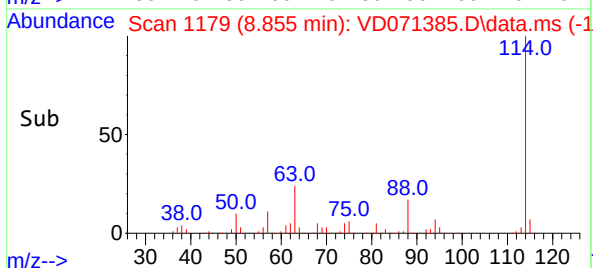
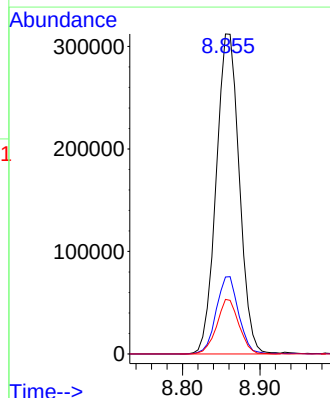
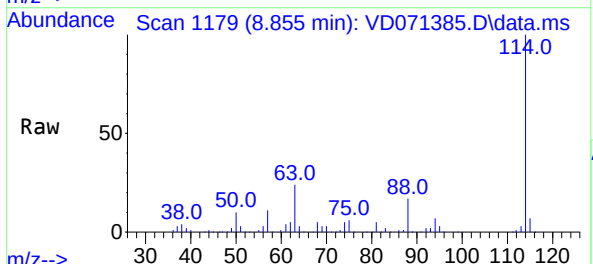
Instrument :
MSVOA_D
ClientSampleId :
A2

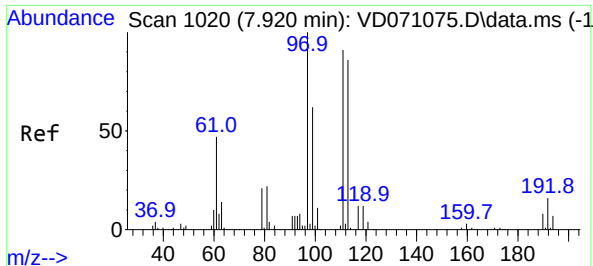
Tgt Ion: 65 Resp: 240512
Ion Ratio Lower Upper
65 100
67 50.4 0.0 112.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD071385.D
Acq: 17 Dec 2021 17:18

Tgt Ion: 114 Resp: 646598
Ion Ratio Lower Upper
114 100
63 24.0 0.0 41.8
88 17.0 0.0 32.8

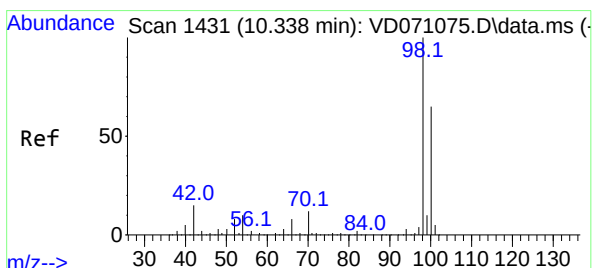
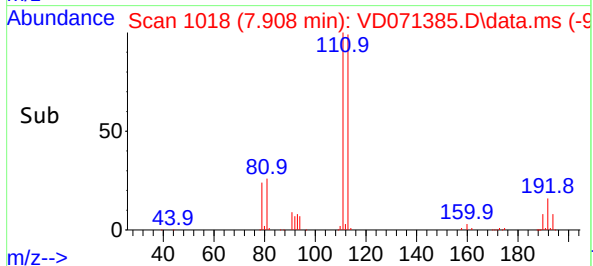
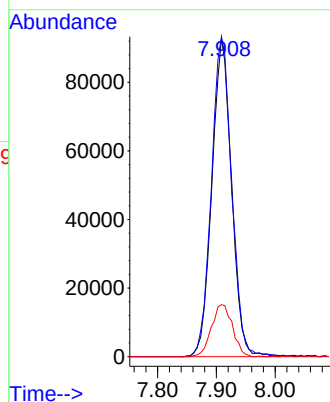
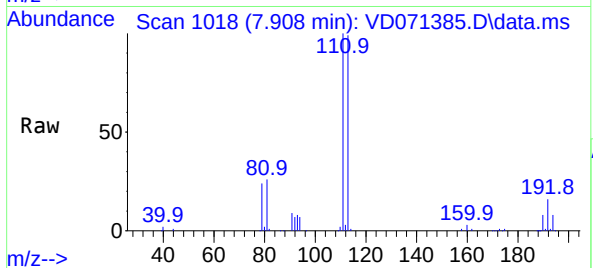




#35
Dibromofluoromethane
Concen: 52.292 ug/l
RT: 7.908 min Scan# 1020
Delta R.T. -0.012 min
Lab File: VD071385.D
Acq: 17 Dec 2021 17:18

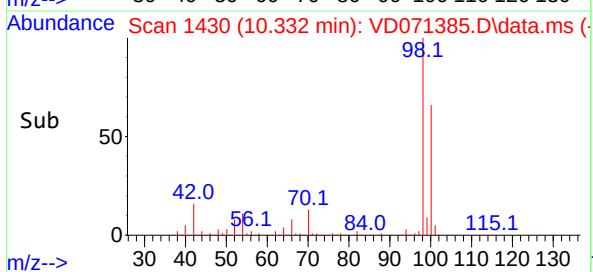
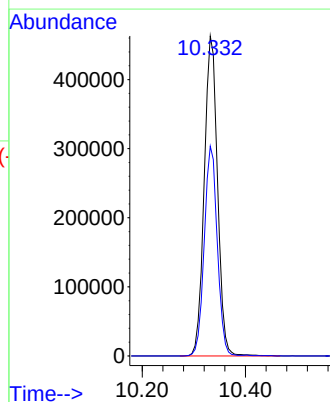
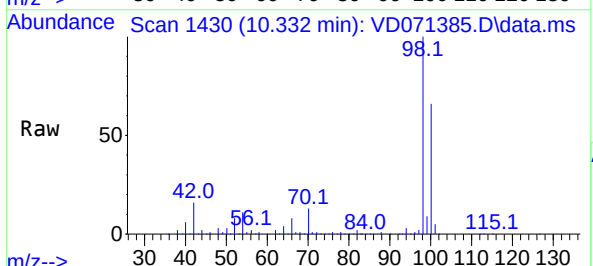
Instrument :
MSVOA_D
ClientSampleId :
A2

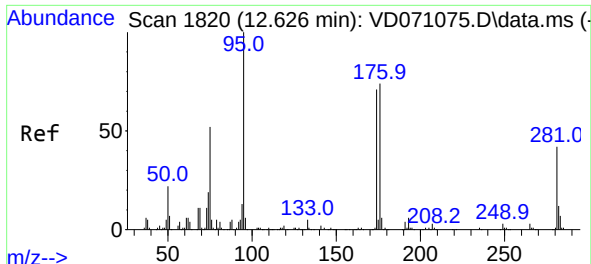
Tgt Ion:113 Resp: 215310
Ion Ratio Lower Upper
113 100
111 103.9 82.0 123.0
192 17.5 15.2 22.8



#50
Toluene-d8
Concen: 52.749 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071385.D
Acq: 17 Dec 2021 17:18

Tgt Ion: 98 Resp: 826536
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6

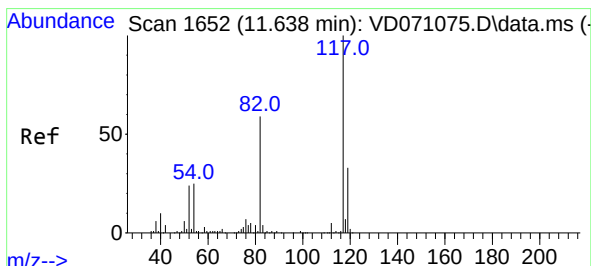
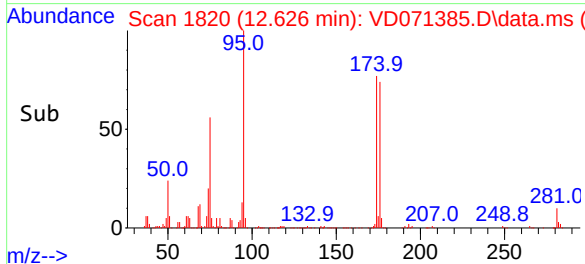
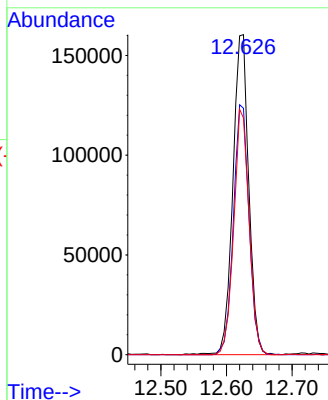
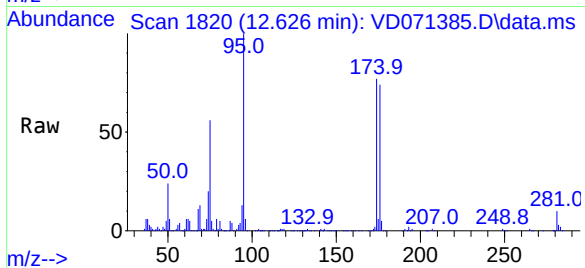




#62
4-Bromofluorobenzene
Concen: 49.737 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071385.D
Acq: 17 Dec 2021 17:18

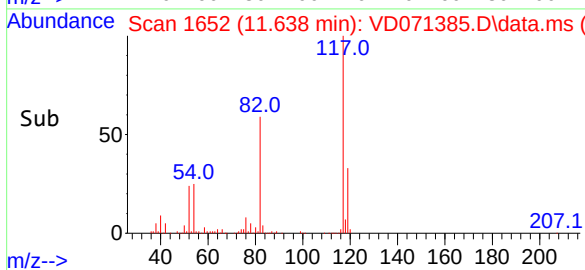
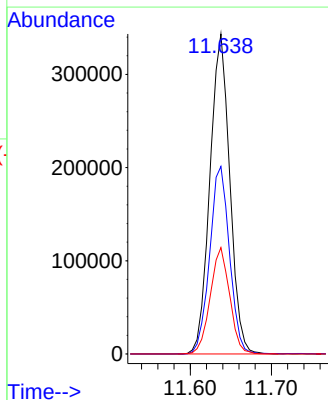
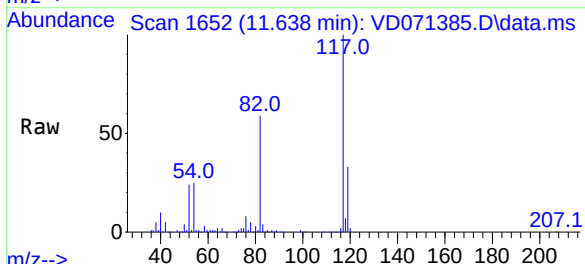
Instrument :
MSVOA_D
ClientSampleId :
A2

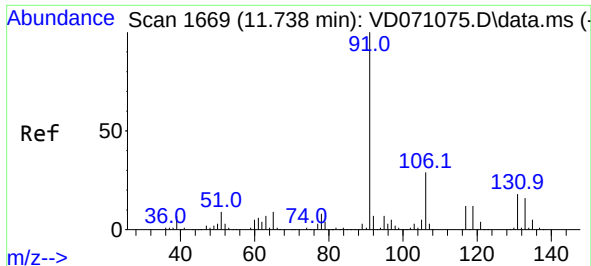
Tgt Ion: 95 Resp: 270143
Ion Ratio Lower Upper
95 100
174 76.8 0.0 159.4
176 73.7 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071385.D
Acq: 17 Dec 2021 17:18

Tgt Ion:117 Resp: 583435
Ion Ratio Lower Upper
117 100
82 58.5 44.7 67.1
119 33.3 26.2 39.4





#67

Ethyl Benzene

Concen: 6.822 ug/l

RT: 11.738 min Scan# 1669

Delta R.T. -0.000 min

Lab File: VD071385.D

Acq: 17 Dec 2021 17:18

Instrument :

MSVOA_D

ClientSampleId :

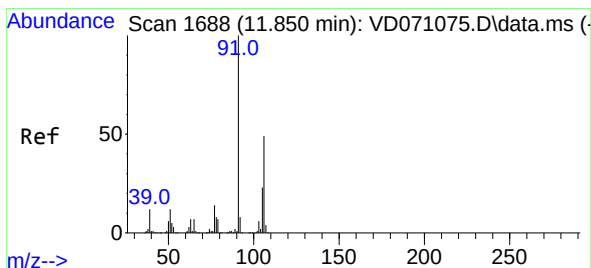
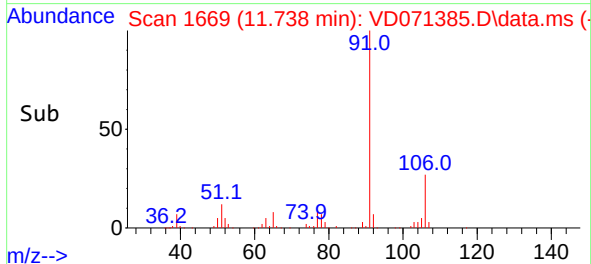
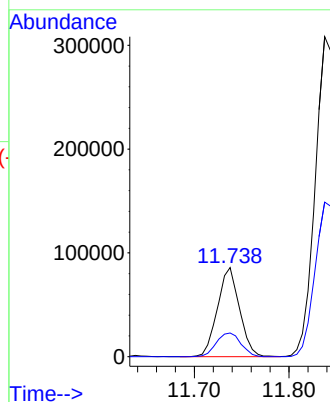
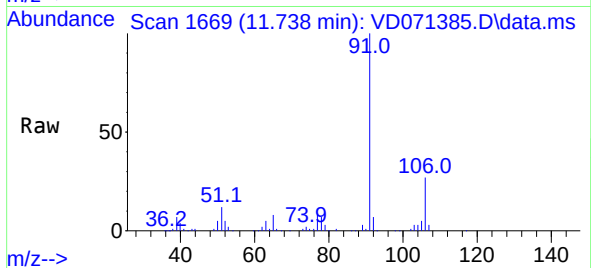
A2

Tgt Ion: 91 Resp: 139014

Ion Ratio Lower Upper

91 100

106 26.6 24.6 36.8



#68

m/p-Xylenes

Concen: 35.686 ug/l

RT: 11.838 min Scan# 1686

Delta R.T. -0.012 min

Lab File: VD071385.D

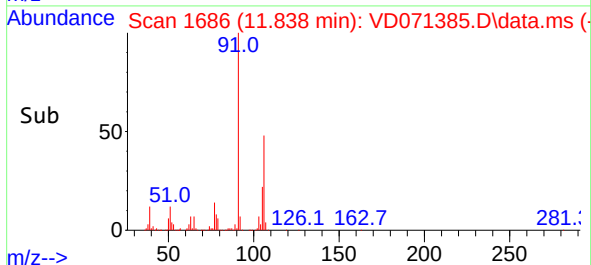
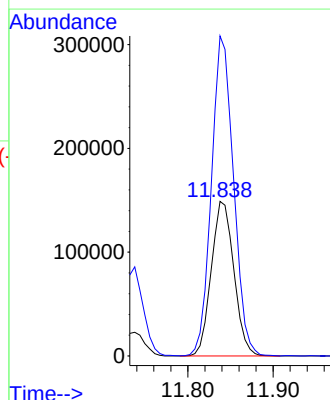
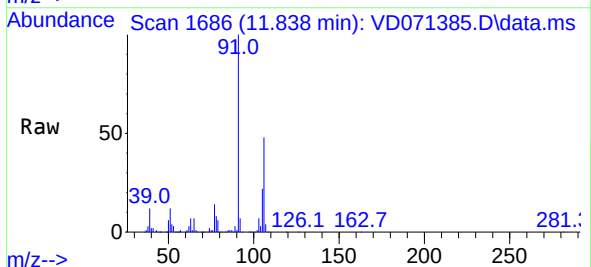
Acq: 17 Dec 2021 17:18

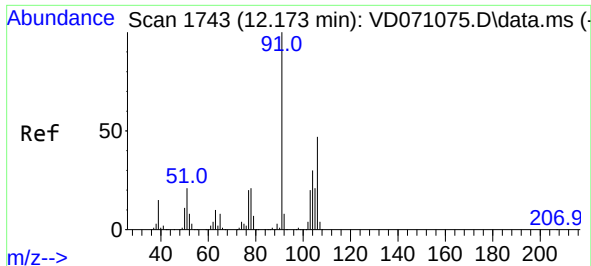
Tgt Ion:106 Resp: 274555

Ion Ratio Lower Upper

106 100

91 202.9 160.1 240.1

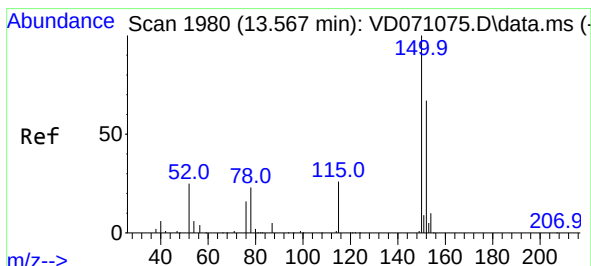
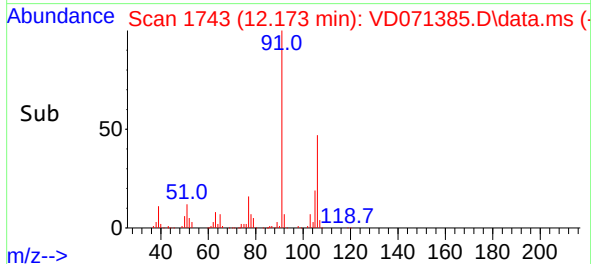
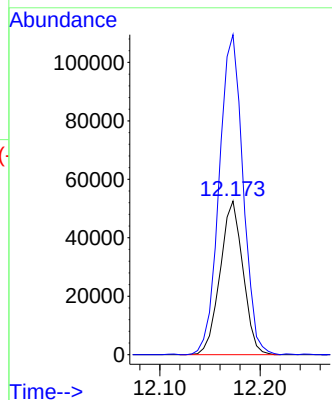
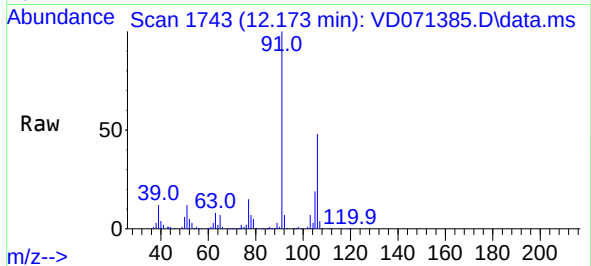




#69
o-Xylene
Concen: 11.492 ug/l
RT: 12.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071385.D
Acq: 17 Dec 2021 17:18

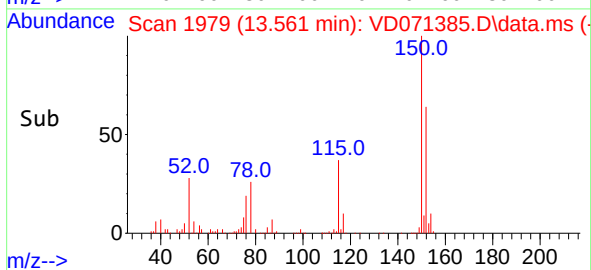
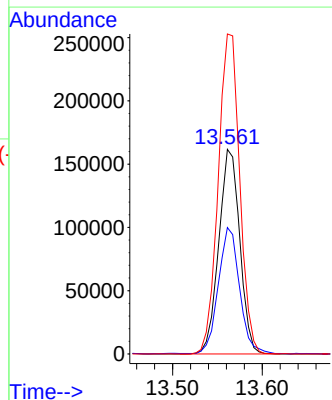
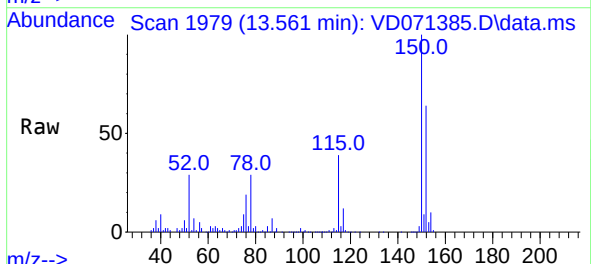
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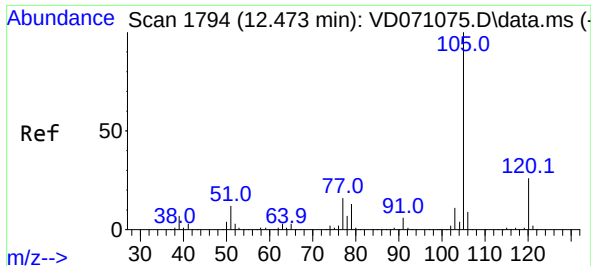
Tgt Ion:106 Resp: 83096
Ion Ratio Lower Upper
106 100
91 217.0 106.3 319.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071385.D
Acq: 17 Dec 2021 17:18

Tgt Ion:152 Resp: 262465
Ion Ratio Lower Upper
152 100
115 62.8 29.8 89.3
150 160.5 0.0 349.2

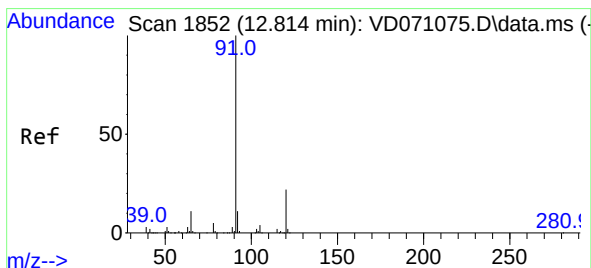
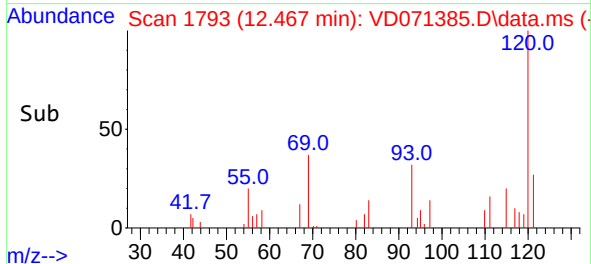
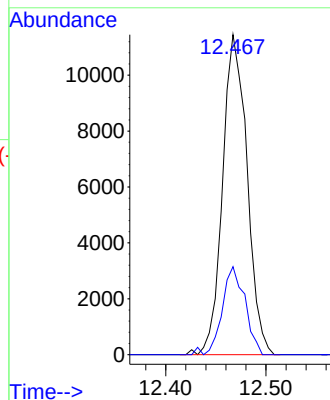
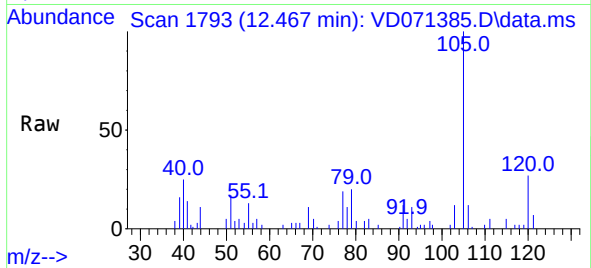




#73
Isopropylbenzene
Concen: 1.021 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071385.D
Acq: 17 Dec 2021 17:18

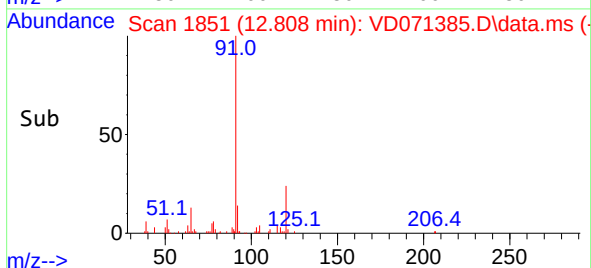
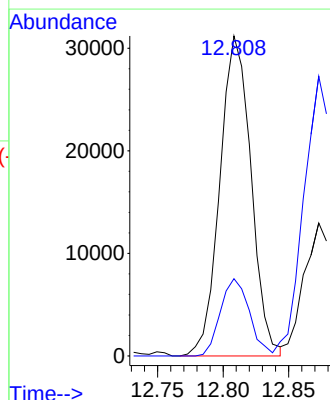
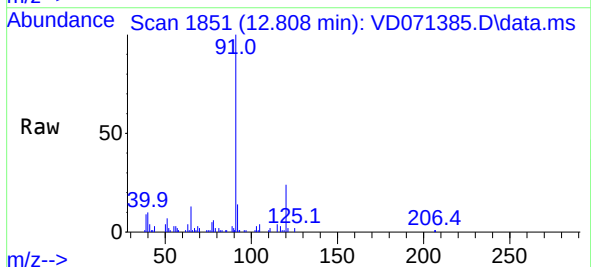
Instrument :
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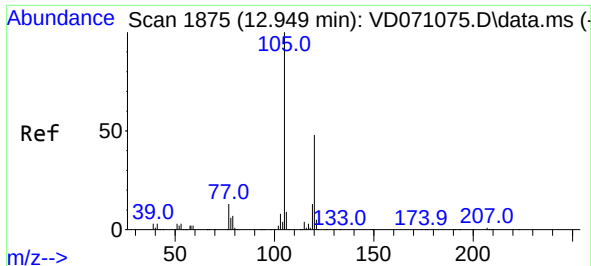
Tgt Ion:105 Resp: 19410
Ion Ratio Lower Upper
105 100
120 25.6 13.2 39.5



#78
n-propylbenzene
Concen: 2.181 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD071385.D
Acq: 17 Dec 2021 17:18

Tgt Ion: 91 Resp: 51608
Ion Ratio Lower Upper
91 100
120 22.4 10.9 32.9

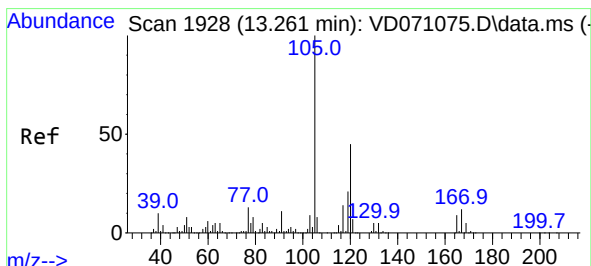
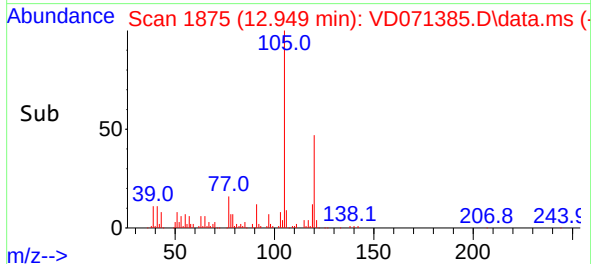
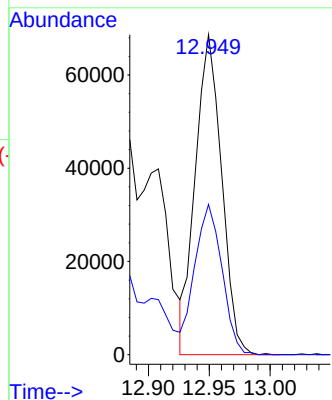
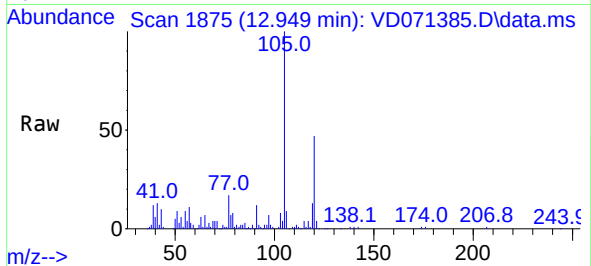




#80
1,3,5-Trimethylbenzene
Concen: 6.556 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD071385.D
Acq: 17 Dec 2021 17:18

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:105 Resp: 102745
Ion Ratio Lower Upper
105 100
120 48.7 24.6 73.8



#84
1,2,4-Trimethylbenzene
Concen: 20.449 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD071385.D
Acq: 17 Dec 2021 17:18

Tgt Ion:105 Resp: 312876
Ion Ratio Lower Upper
105 100
120 44.5 22.9 68.7

