

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011922\
 Data File : VD071744.D
 Acq On : 19 Jan 2022 15:13
 Operator : VA/SY
 Sample : N1183-01RE
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1130RE

Quant Time: Jan 20 04:58:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

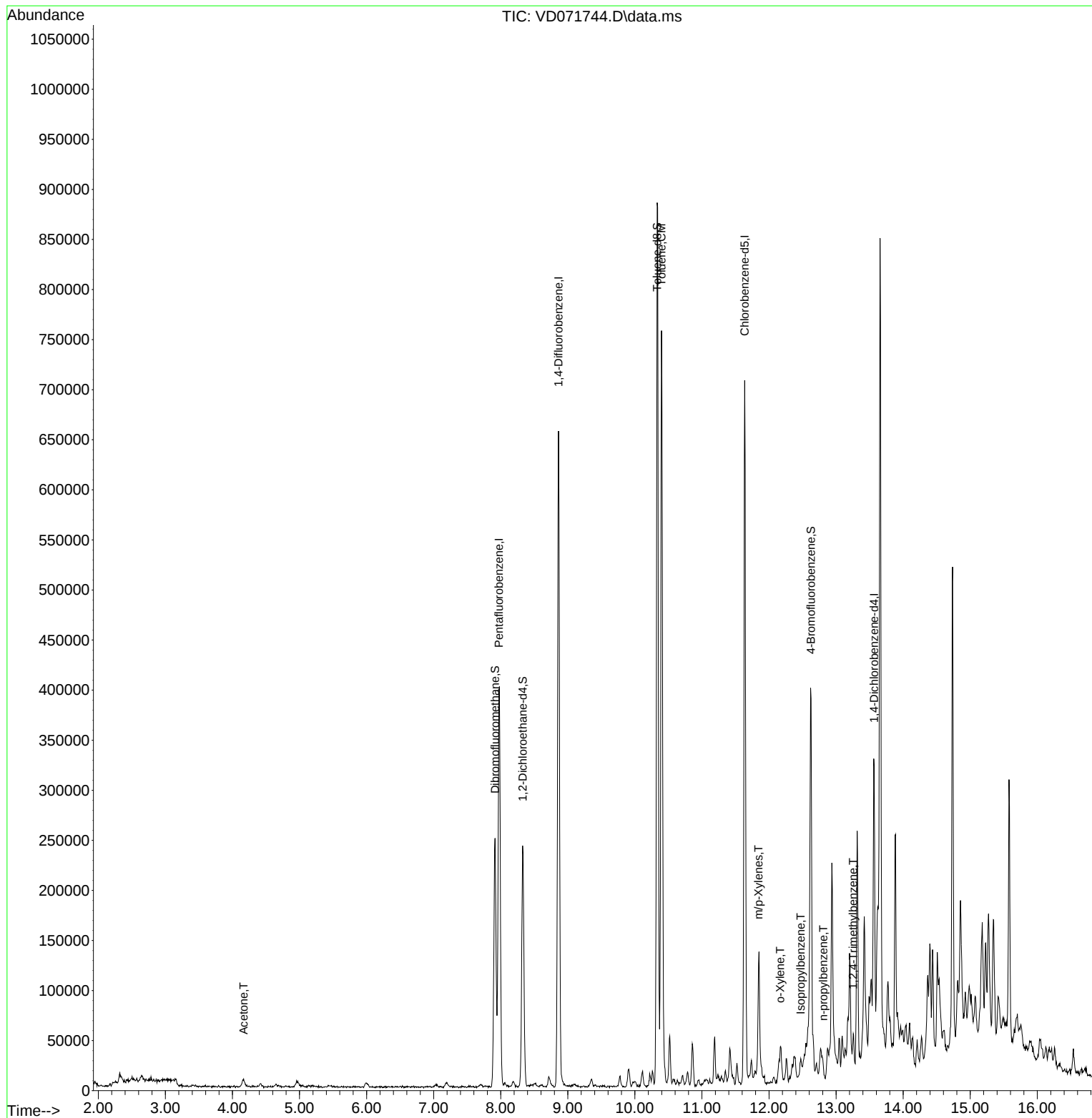
Internal Standards						
1) Pentafluorobenzene	7.973	168	272011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	509092	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	358519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	52497	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	186572	53.306	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.620%	
35) Dibromofluoromethane	7.914	113	172244	51.195	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.400%	
50) Toluene-d8	10.332	98	564142	44.793	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 89.580%	
62) 4-Bromofluorobenzene	12.626	95	118877	26.787	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 53.580%	
Target Compounds						
					Qvalue	
16) Acetone	4.168	43	13450	16.645	ug/l	97
52) Toluene	10.397	92	297527	35.745	ug/l	97
68) m/p-Xylenes	11.844	106	15944	3.404	ug/l	97
69) o-Xylene	12.167	106	6427	1.450	ug/l	96
73) Isopropylbenzene	12.473	105	8920	2.364	ug/l	93
78) n-propylbenzene	12.808	91	6360	1.340	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	20757	6.659	ug/l	99

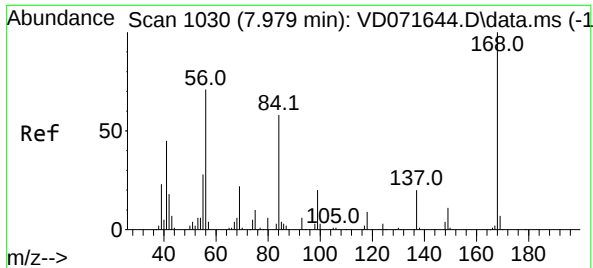
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

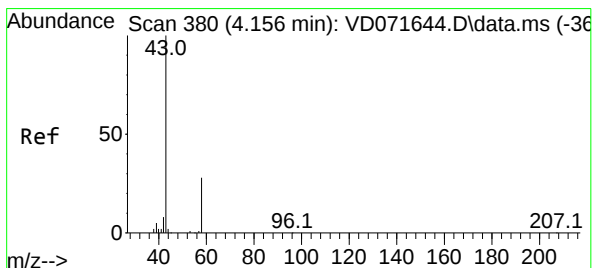
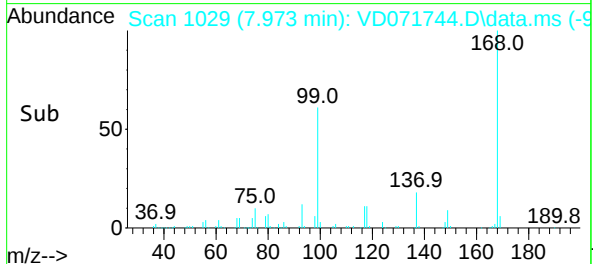
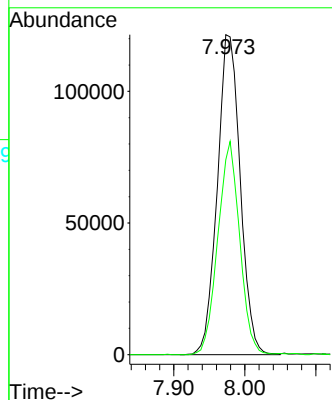
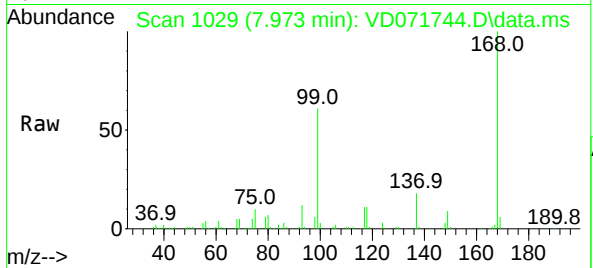




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071744.D
Acq: 19 Jan 2022 15:13

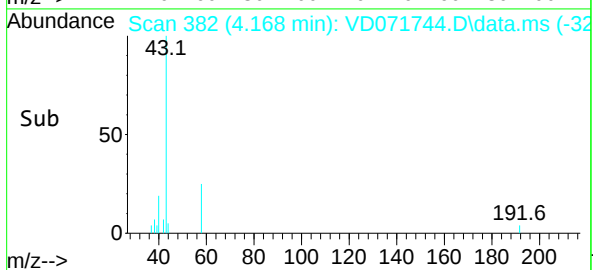
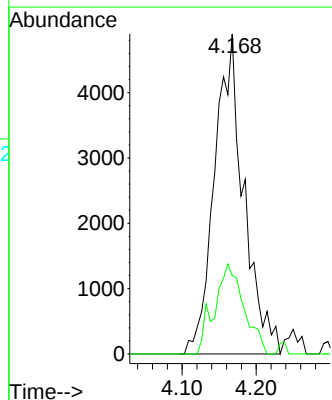
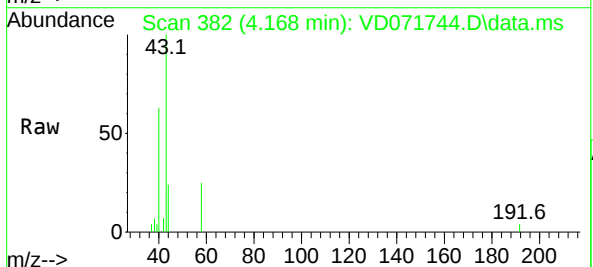
Instrument :
MSVOA_D
ClientSampleId :
1130RE

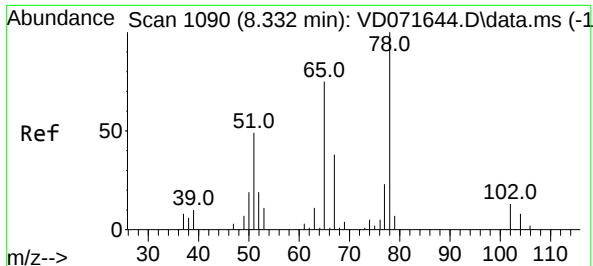
Tgt Ion:168 Resp: 272011
Ion Ratio Lower Upper
168 100
99 60.9 51.8 77.6



#16
Acetone
Concen: 16.645 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.013 min
Lab File: VD071744.D
Acq: 19 Jan 2022 15:13

Tgt Ion: 43 Resp: 13450
Ion Ratio Lower Upper
43 100
58 24.5 21.0 31.6





#33

1,2-Dichloroethane-d4

Concen: 53.306 ug/l

RT: 8.326 min Scan# 110

Delta R.T. -0.006 min

Lab File: VD071744.D

Acq: 19 Jan 2022 15:13

Instrument :

MSVOA_D

ClientSampleId :

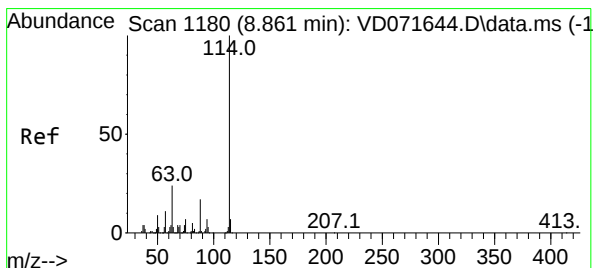
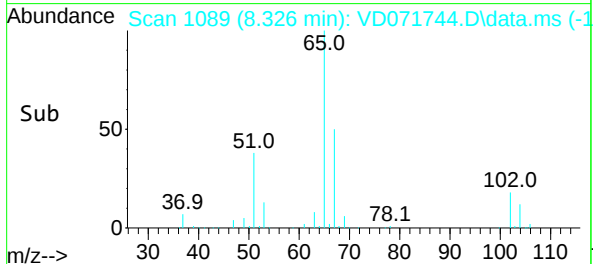
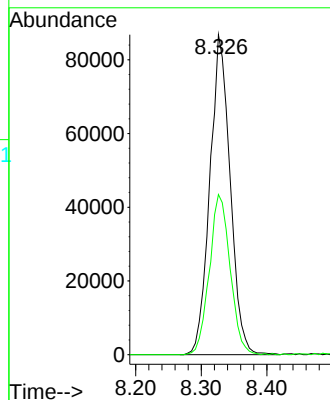
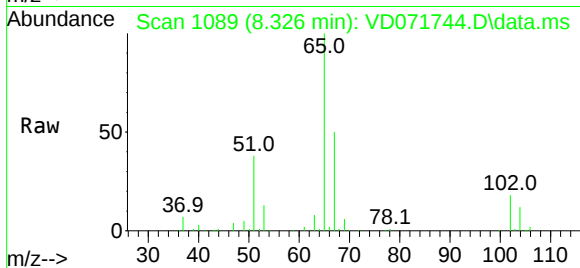
1130RE

Tgt Ion: 65 Resp: 186572

Ion Ratio Lower Upper

65 100

67 51.2 0.0 101.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD071744.D

Acq: 19 Jan 2022 15:13

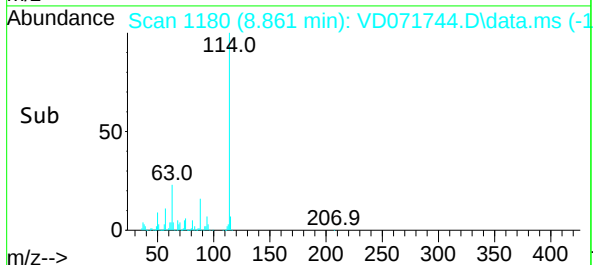
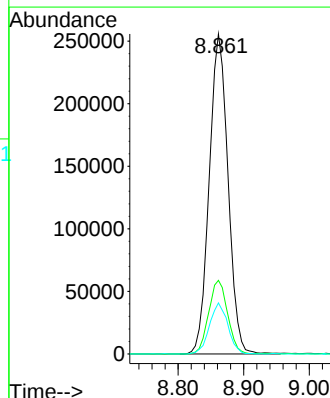
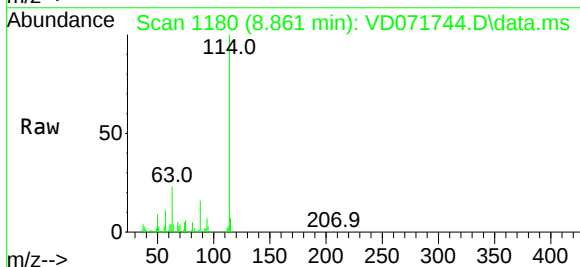
Tgt Ion: 114 Resp: 509092

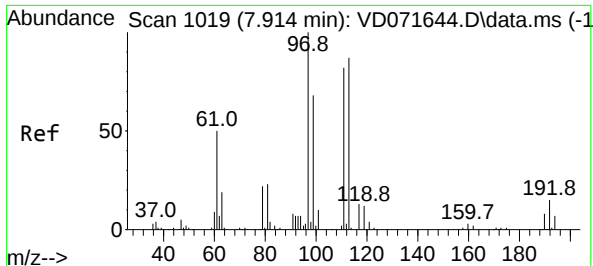
Ion Ratio Lower Upper

114 100

63 23.0 0.0 46.2

88 15.9 0.0 32.0





#35

Dibromofluoromethane

Concen: 51.195 ug/l

RT: 7.914 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD071744.D

Acq: 19 Jan 2022 15:13

Instrument :

MSVOA_D

ClientSampleId :

1130RE

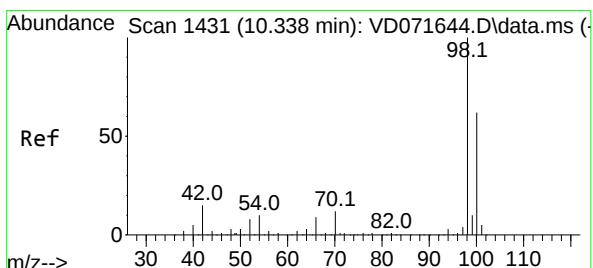
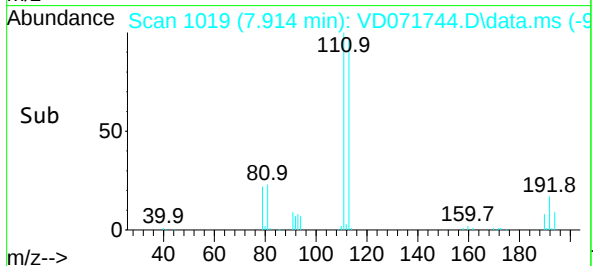
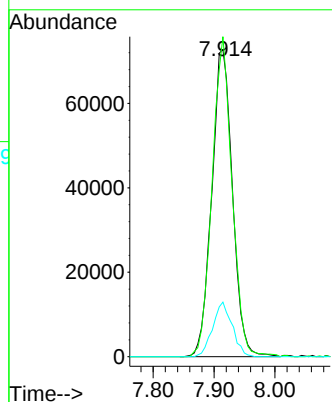
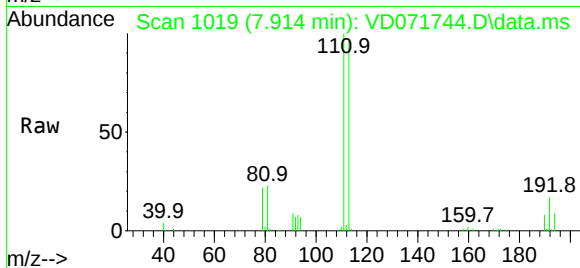
Tgt Ion:113 Resp: 172244

Ion Ratio Lower Upper

113 100

111 100.0 82.2 123.4

192 16.7 14.2 21.2



#50

Toluene-d8

Concen: 44.793 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.005 min

Lab File: VD071744.D

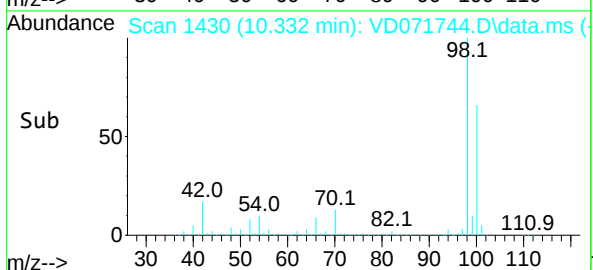
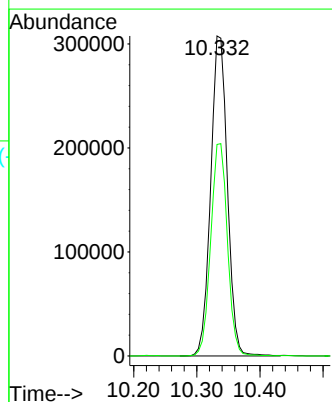
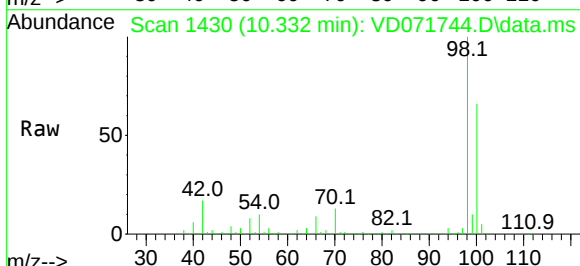
Acq: 19 Jan 2022 15:13

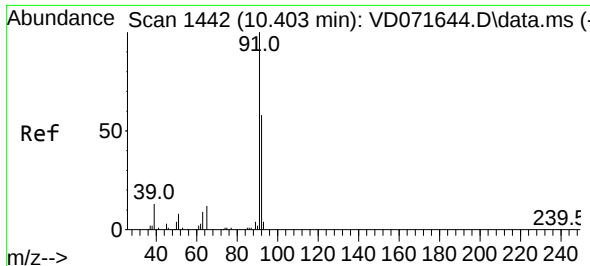
Tgt Ion: 98 Resp: 564142

Ion Ratio Lower Upper

98 100

100 66.4 52.1 78.1

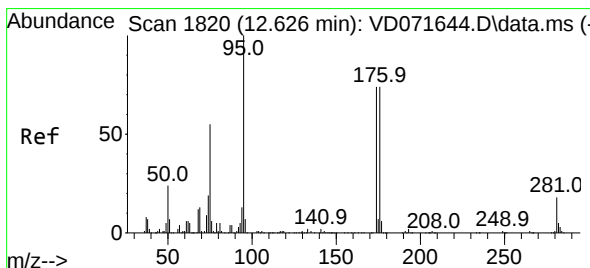
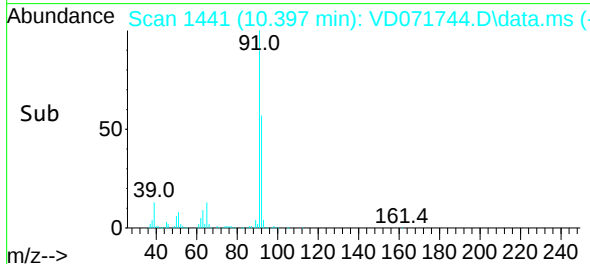
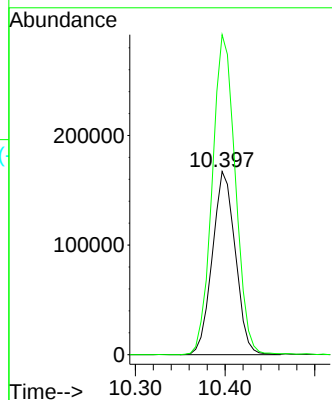
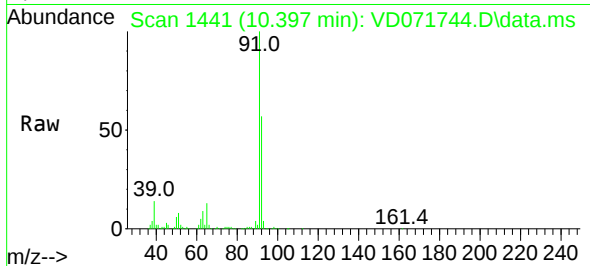




#52
Toluene
Concen: 35.745 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.005 min
Lab File: VD071744.D
Acq: 19 Jan 2022 15:13

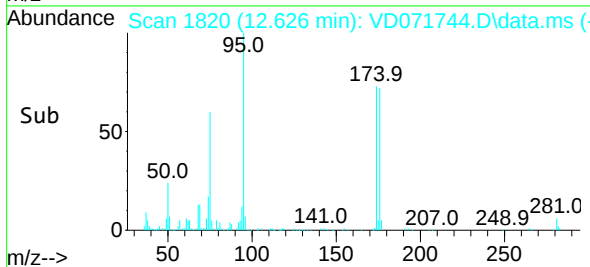
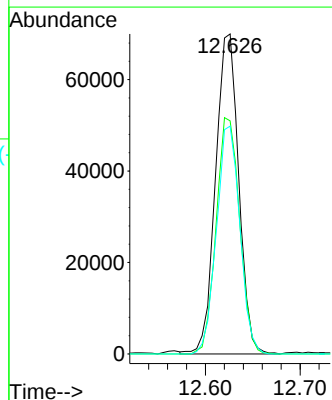
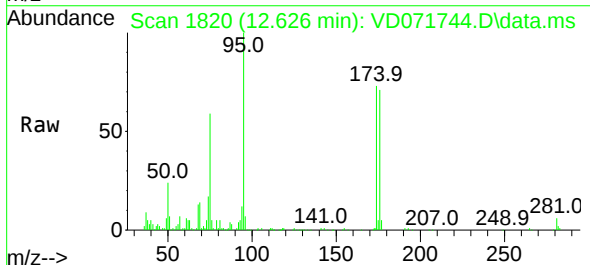
Instrument :
MSVOA_D
ClientSampleId :
1130RE

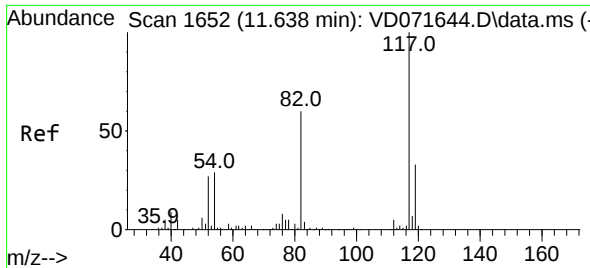
Tgt Ion: 92 Resp: 297527
Ion Ratio Lower Upper
92 100
91 176.2 137.3 205.9



#62
4-Bromofluorobenzene
Concen: 26.787 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071744.D
Acq: 19 Jan 2022 15:13

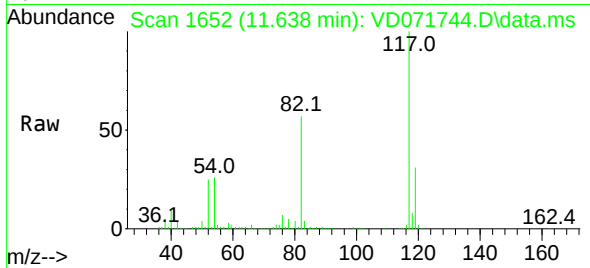
Tgt Ion: 95 Resp: 118877
Ion Ratio Lower Upper
95 100
174 74.8 0.0 150.0
176 71.7 0.0 146.4



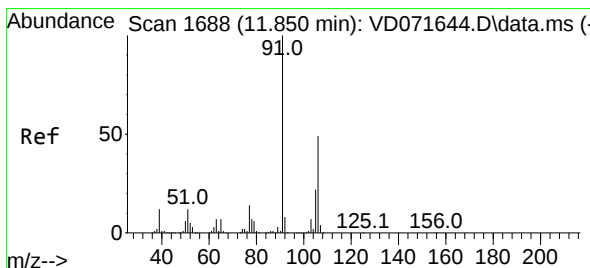
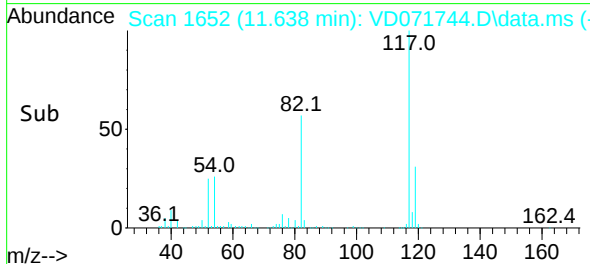
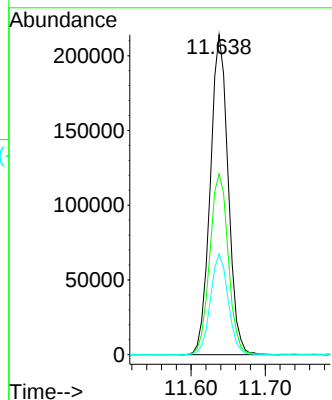


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1130RE
Delta R.T. 0.001 min
Lab File: VD071744.D
Acq: 19 Jan 2022 15:13

Instrument :
MSVOA_D
ClientSampleId :

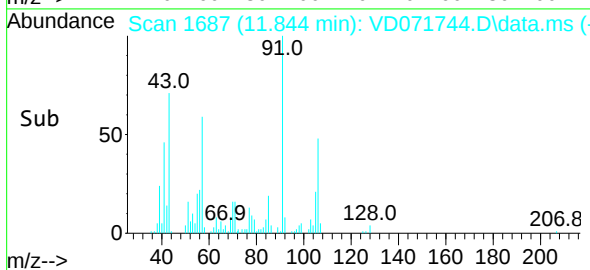
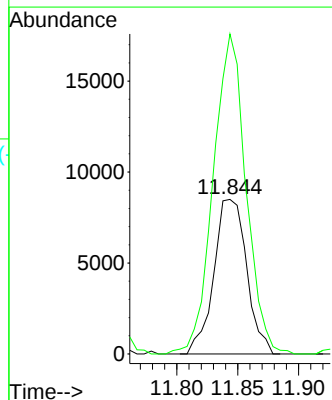
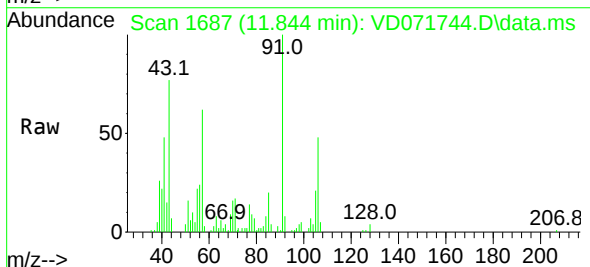


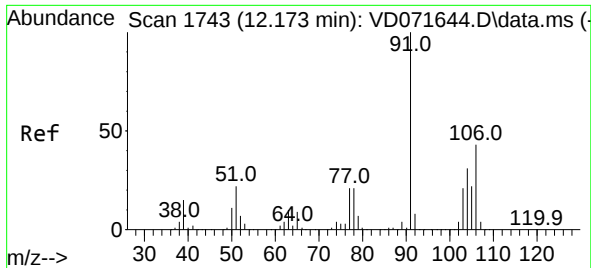
Tgt Ion:117 Resp: 358519
Ion Ratio Lower Upper
117 100
82 56.5 46.9 70.3
119 31.5 26.6 39.8



#68
m/p-Xylenes
Concen: 3.404 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.005 min
Lab File: VD071744.D
Acq: 19 Jan 2022 15:13

Tgt Ion:106 Resp: 15944
Ion Ratio Lower Upper
106 100
91 206.7 168.6 252.8

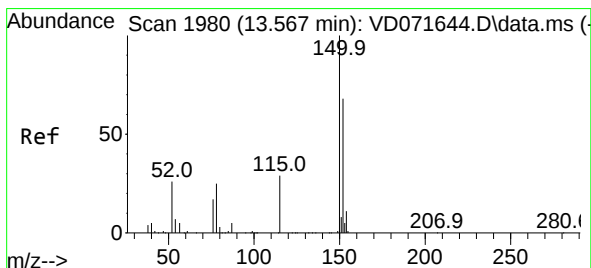
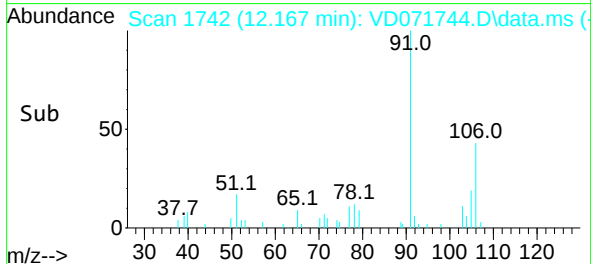
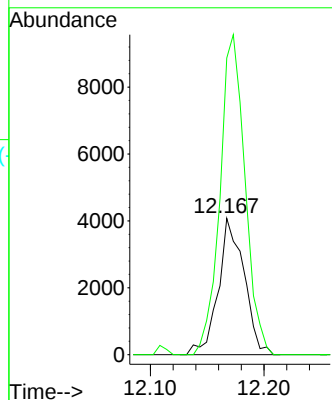
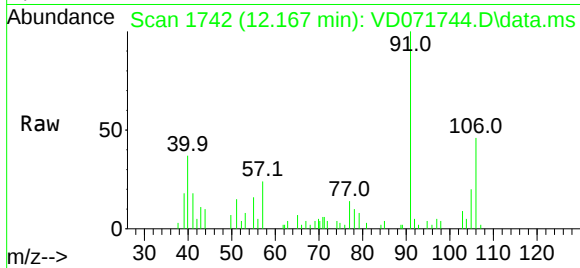




#69
o-Xylene
Concen: 1.450 ug/l
RT: 12.167 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071744.D
Acq: 19 Jan 2022 15:13

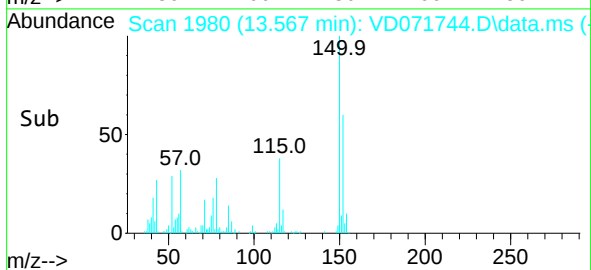
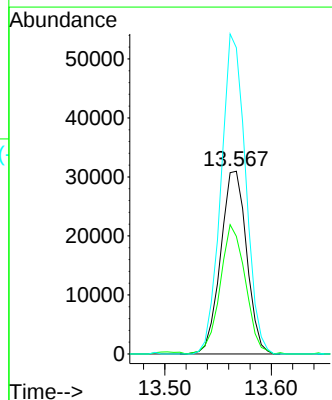
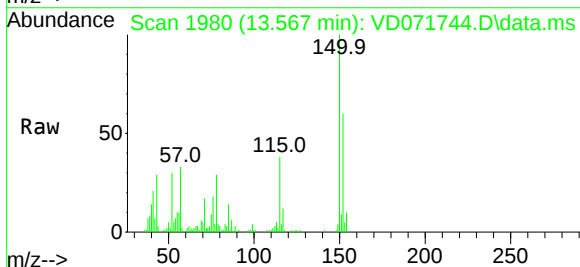
Instrument :
MSVOA_D
ClientSampleId :
1130RE

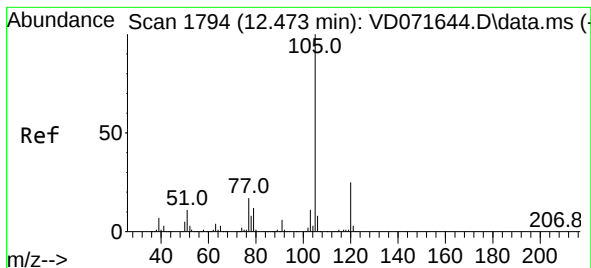
Tgt Ion:106 Resp: 6427
Ion Ratio Lower Upper
106 100
91 228.2 110.9 332.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071744.D
Acq: 19 Jan 2022 15:13

Tgt Ion:152 Resp: 52497
Ion Ratio Lower Upper
152 100
115 68.6 31.5 94.5
150 165.8 0.0 348.0





#73

Isopropylbenzene

Concen: 2.364 ug/l

RT: 12.473 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD071744.D

Acq: 19 Jan 2022 15:13

Instrument :

MSVOA_D

ClientSampleId :

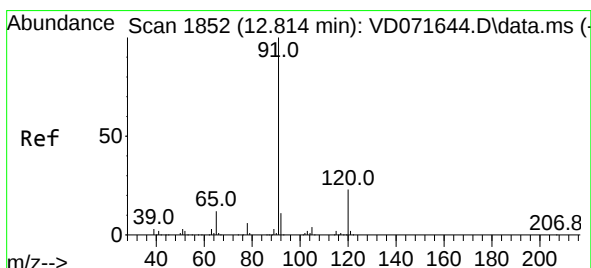
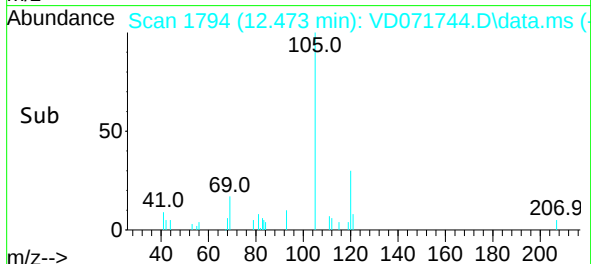
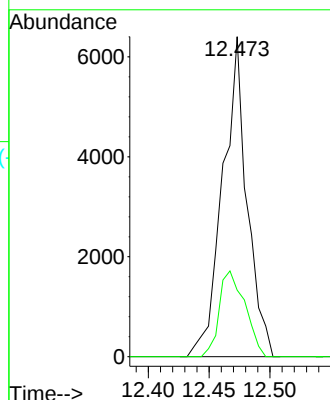
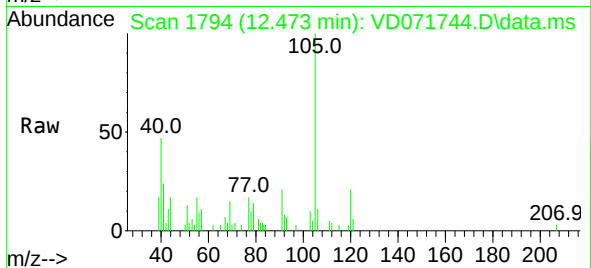
1130RE

Tgt Ion:105 Resp: 8920

Ion Ratio Lower Upper

105 100

120 28.3 12.5 37.5



#78

n-propylbenzene

Concen: 1.340 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. -0.006 min

Lab File: VD071744.D

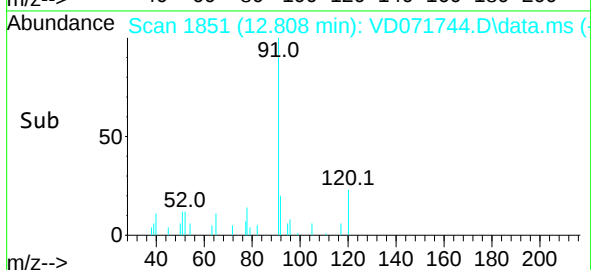
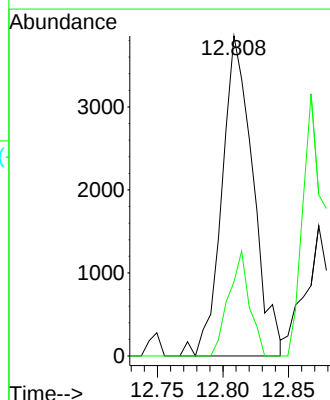
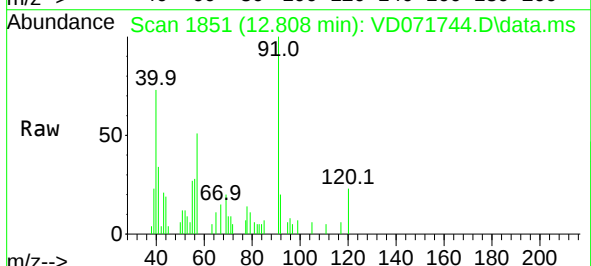
Acq: 19 Jan 2022 15:13

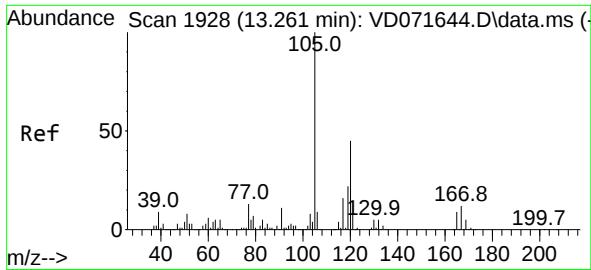
Tgt Ion: 91 Resp: 6360

Ion Ratio Lower Upper

91 100

120 21.9 10.9 32.7





#84

1,2,4-Trimethylbenzene

Concen: 6.659 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. -0.006 min

Lab File: VD071744.D

Acq: 19 Jan 2022 15:13

Instrument :

MSVOA_D

ClientSampleId :

1130RE

Tgt Ion:105 Resp: 20757

Ion Ratio Lower Upper

105 100

120 43.9 22.3 66.9

