

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011922\
 Data File : VD071741.D
 Acq On : 19 Jan 2022 13:49
 Operator : VA/SY
 Sample : N1183-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1130

Quant Time: Jan 20 04:58:02 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)

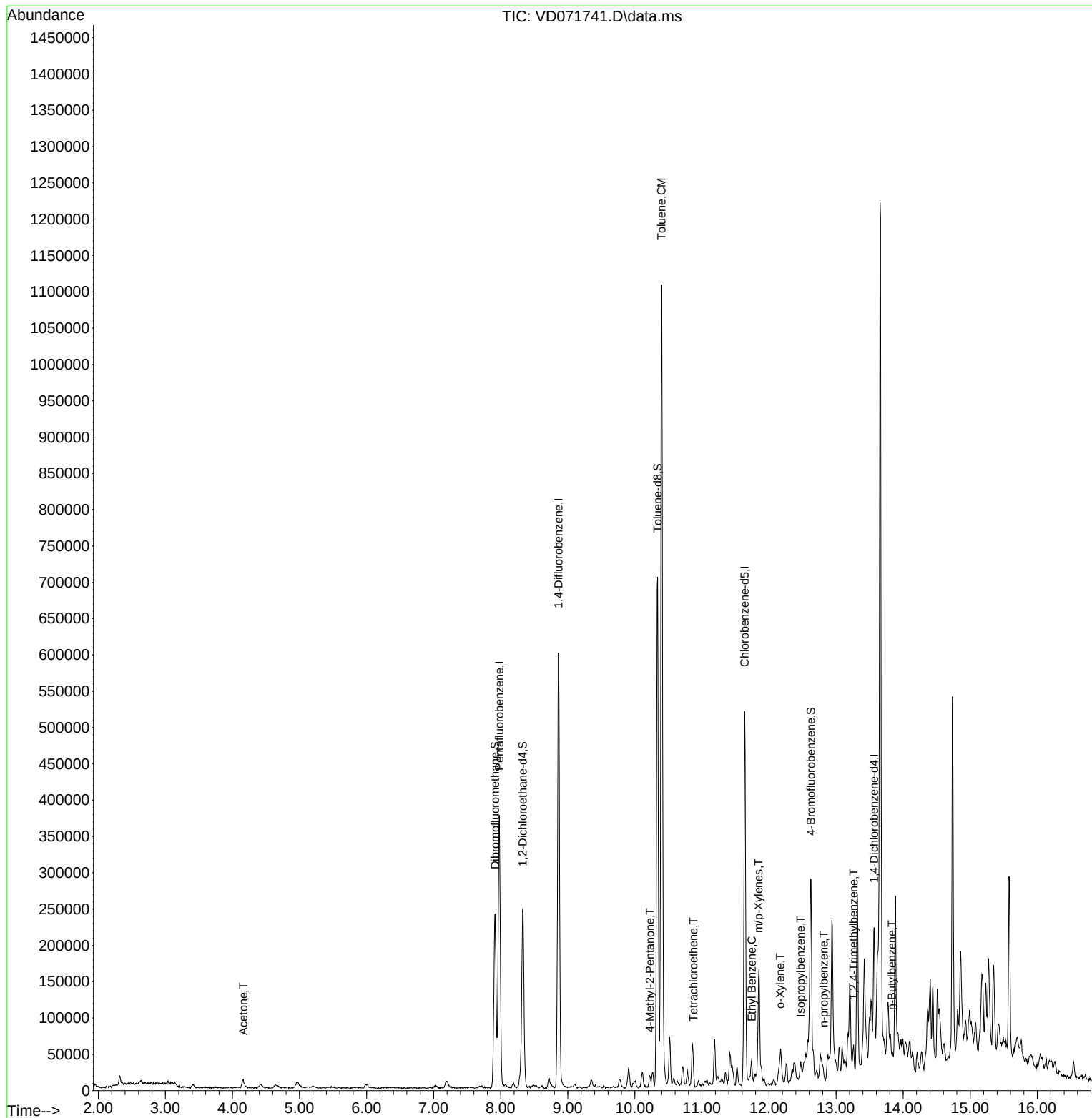
Internal Standards						
1) Pentafluorobenzene	7.979	168	247547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	474346	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	263642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	28235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	191799	60.215	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.440%	
35) Dibromofluoromethane	7.914	113	162482	51.831	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.660%	
50) Toluene-d8	10.338	98	456102	38.868	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 77.740%	
62) 4-Bromofluorobenzene	12.626	95	76700	18.549	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 37.100%	
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	20106	27.341	ug/l	97
51) 4-Methyl-2-Pentanone	10.226	43	12201	5.912	ug/l	94
52) Toluene	10.397	92	447835	57.745	ug/l	99
64) Tetrachloroethene	10.873	164	1915	1.237	ug/l #	79
67) Ethyl Benzene	11.744	91	16349	1.765	ug/l #	89
68) m/p-Xylenes	11.844	106	19670	5.710	ug/l	95
69) o-Xylene	12.167	106	8725	2.676	ug/l	100
73) Isopropylbenzene	12.473	105	10870	5.357	ug/l	99
78) n-propylbenzene	12.814	91	9450	3.703	ug/l	94
84) 1,2,4-Trimethylbenzene	13.261	105	22209	13.247	ug/l	96
89) n-Butylbenzene	13.832	91	4700	2.576	ug/l #	83

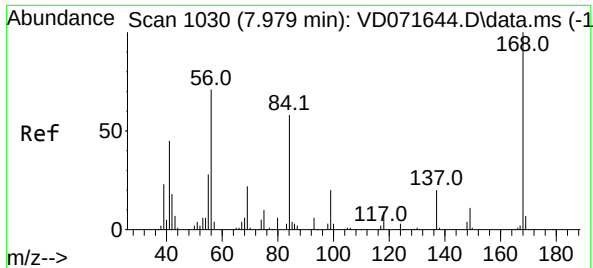
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
1130

Quant Time: Jan 20 04:58:02 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

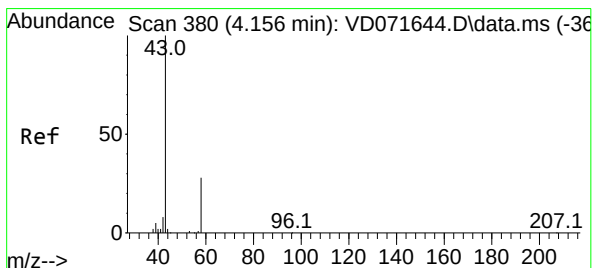
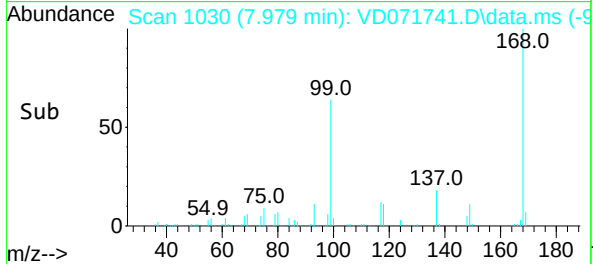
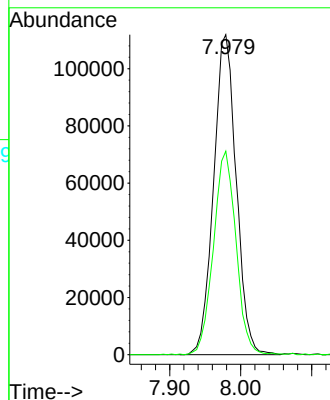
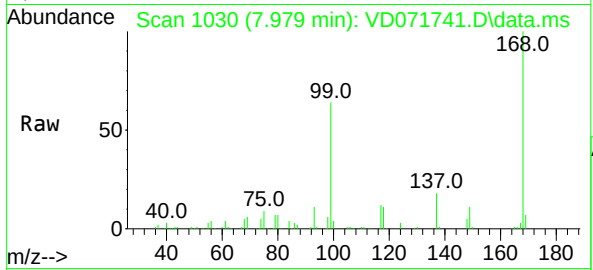




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071741.D
Acq: 19 Jan 2022 13:49

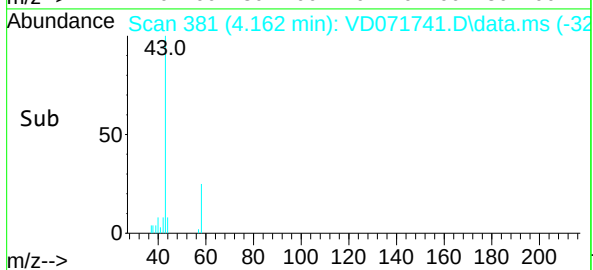
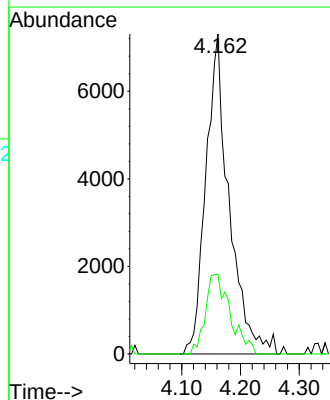
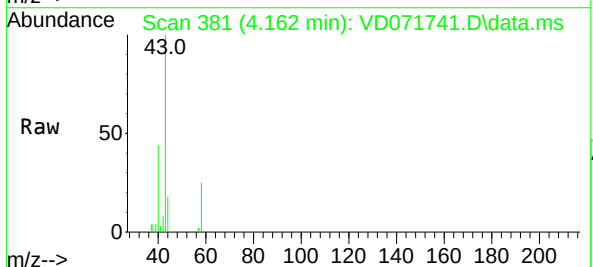
Instrument :
MSVOA_D
ClientSampleId :
1130

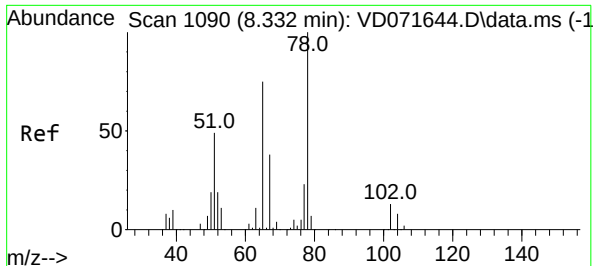
Tgt Ion:168 Resp: 247547
Ion Ratio Lower Upper
168 100
99 63.4 51.8 77.6



#16
Acetone
Concen: 27.341 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.007 min
Lab File: VD071741.D
Acq: 19 Jan 2022 13:49

Tgt Ion: 43 Resp: 20106
Ion Ratio Lower Upper
43 100
58 24.9 21.0 31.6





#33

1,2-Dichloroethane-d4

Concen: 60.215 ug/l

RT: 8.326 min Scan# 110

Delta R.T. -0.006 min

Lab File: VD071741.D

Acq: 19 Jan 2022 13:49

Instrument :

MSVOA_D

ClientSampleId :

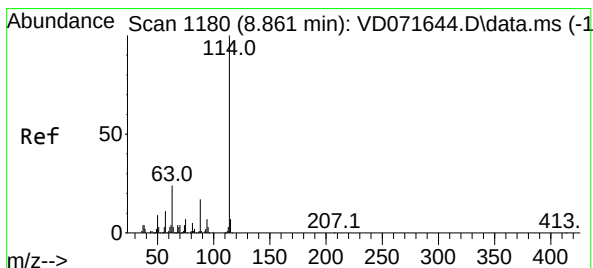
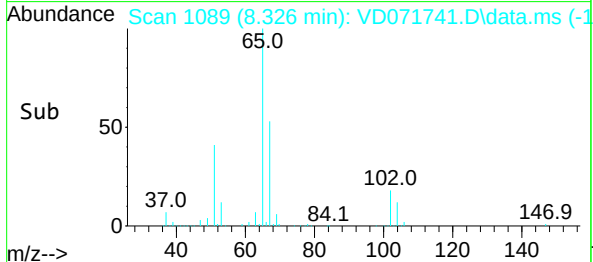
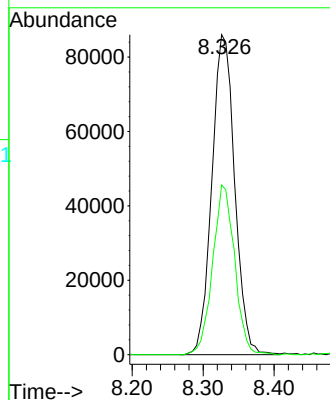
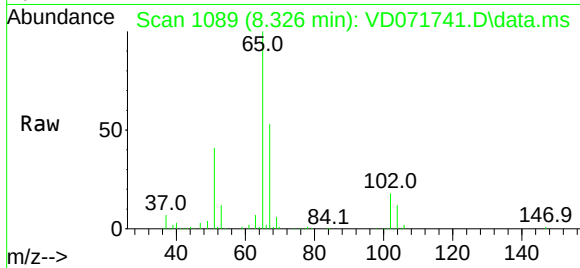
1130

Tgt Ion: 65 Resp: 191799

Ion Ratio Lower Upper

65 100

67 51.1 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: VD071741.D

Acq: 19 Jan 2022 13:49

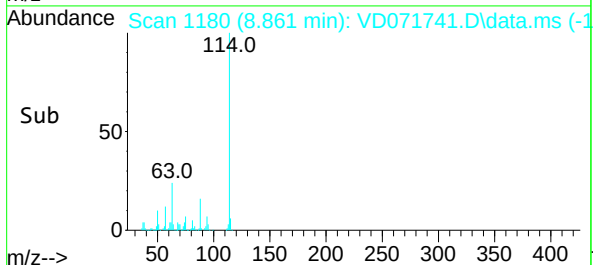
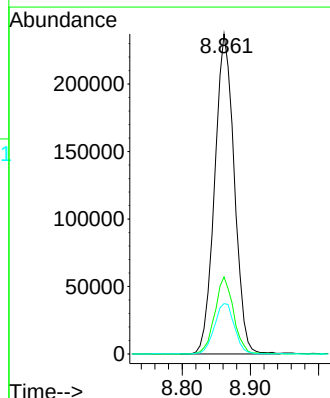
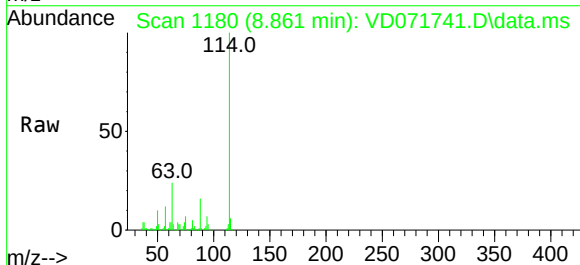
Tgt Ion: 114 Resp: 474346

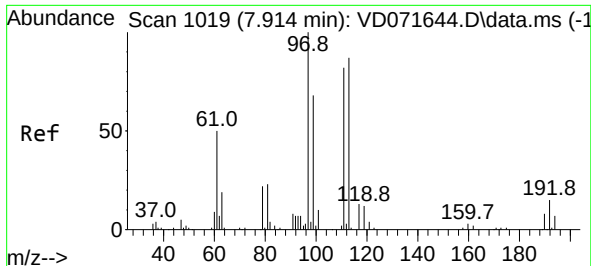
Ion Ratio Lower Upper

114 100

63 24.1 0.0 46.2

88 15.7 0.0 32.0





#35

Dibromofluoromethane

Concen: 51.831 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071741.D

Acq: 19 Jan 2022 13:49

Instrument :

MSVOA_D

ClientSampleId :

1130

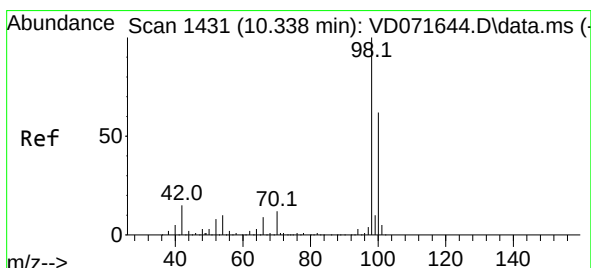
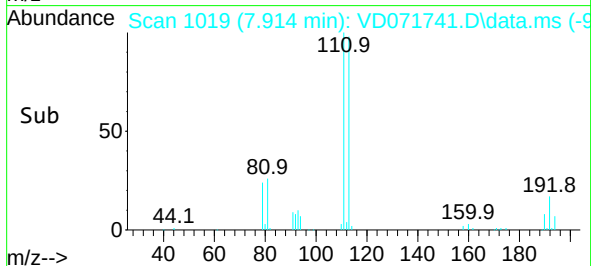
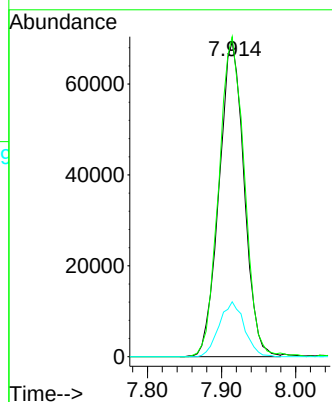
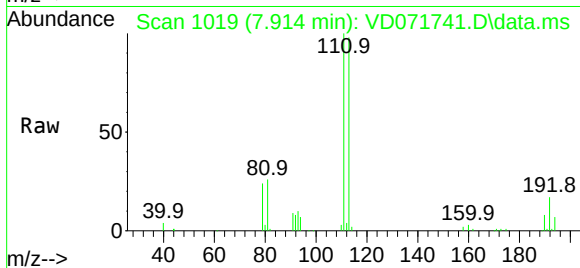
Tgt Ion:113 Resp: 162482

Ion Ratio Lower Upper

113 100

111 104.0 82.2 123.4

192 17.5 14.2 21.2



#50

Toluene-d8

Concen: 38.868 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.001 min

Lab File: VD071741.D

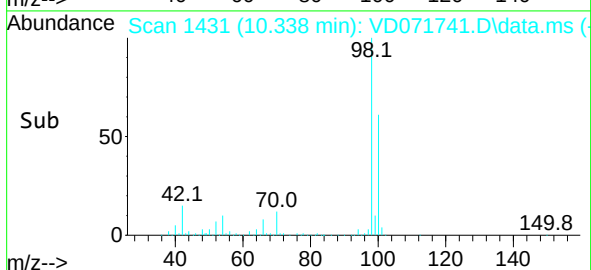
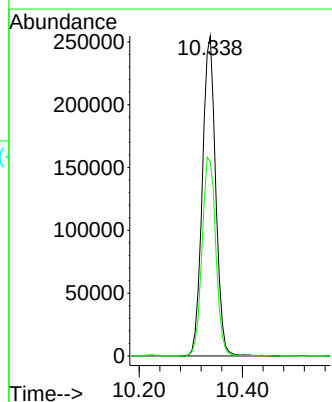
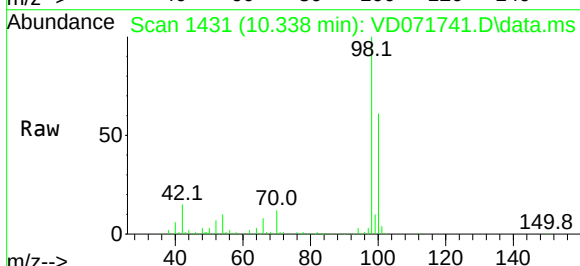
Acq: 19 Jan 2022 13:49

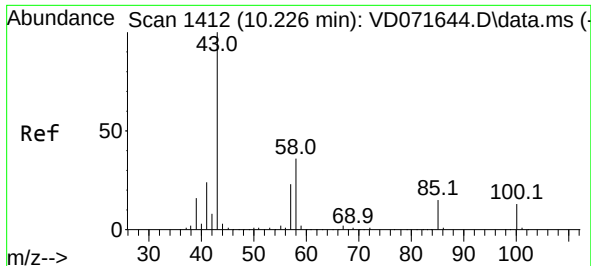
Tgt Ion: 98 Resp: 456102

Ion Ratio Lower Upper

98 100

100 64.1 52.1 78.1

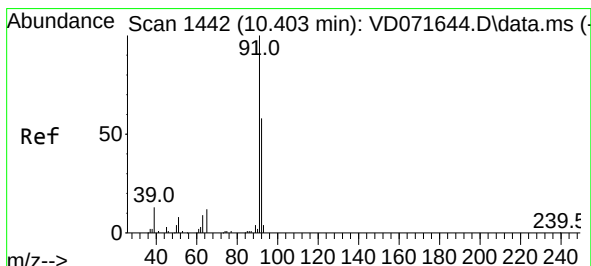
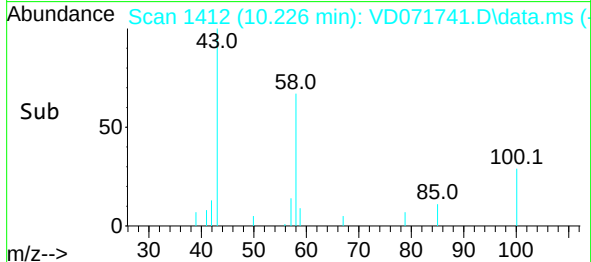
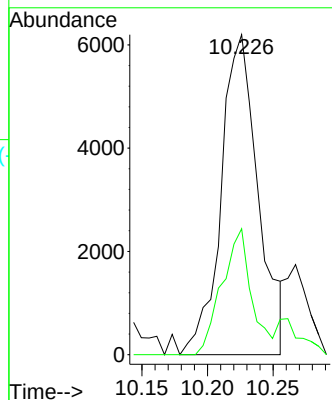
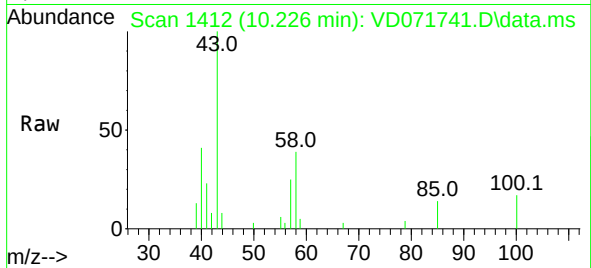




#51
4-Methyl-2-Pentanone
Concen: 5.912 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.000 min
Lab File: VD071741.D
Acq: 19 Jan 2022 13:49

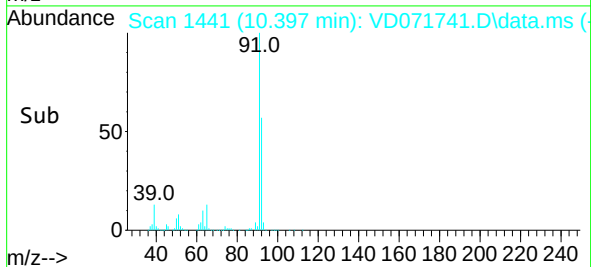
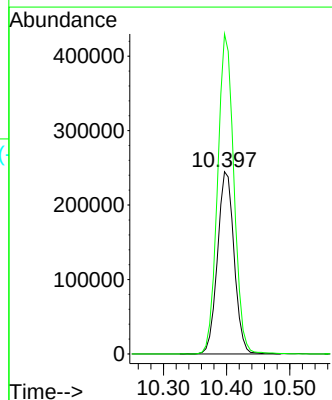
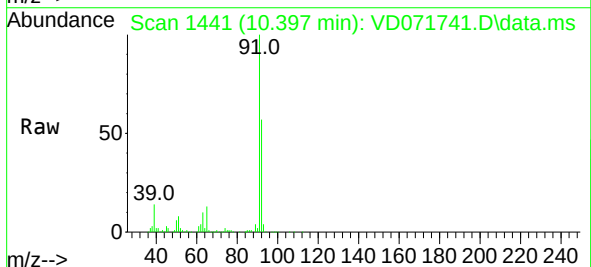
Instrument :
MSVOA_D
ClientSampleId :
1130

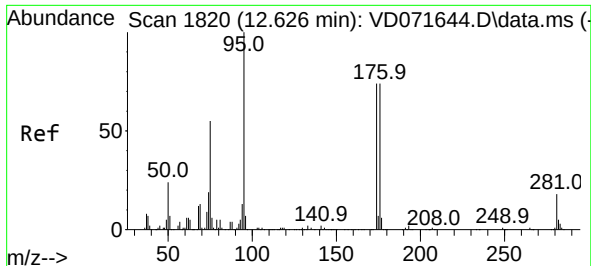
Tgt Ion: 43 Resp: 12201
Ion Ratio Lower Upper
43 100
58 31.5 28.2 42.2



#52
Toluene
Concen: 57.745 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.005 min
Lab File: VD071741.D
Acq: 19 Jan 2022 13:49

Tgt Ion: 92 Resp: 447835
Ion Ratio Lower Upper
92 100
91 172.6 137.3 205.9

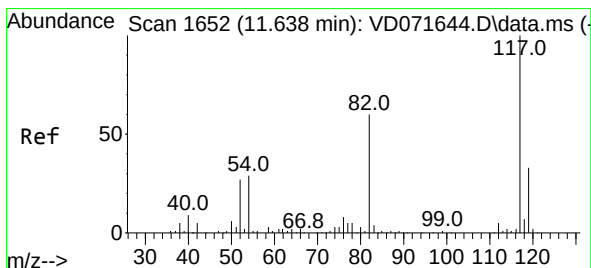
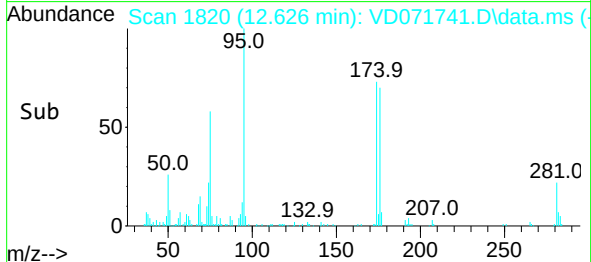
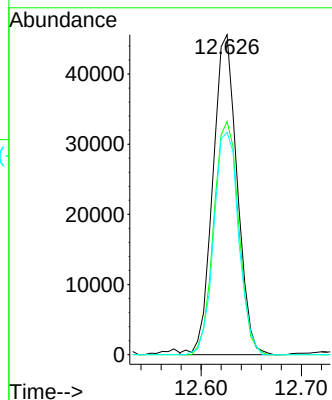
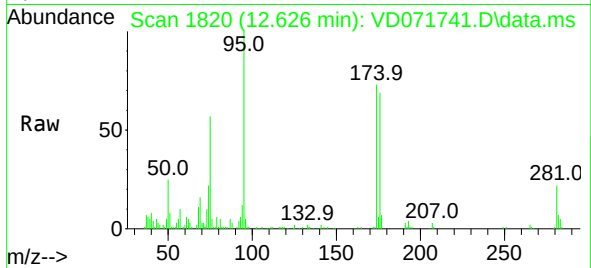




#62
4-Bromofluorobenzene
Concen: 18.549 ug/l
RT: 12.626 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD071741.D
Acq: 19 Jan 2022 13:49

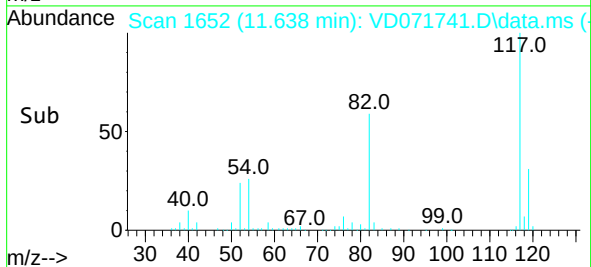
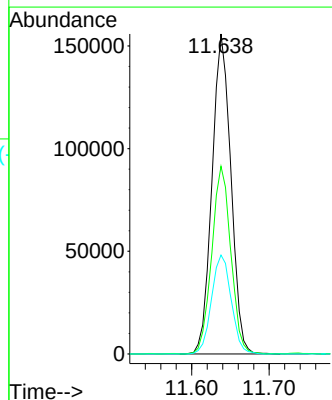
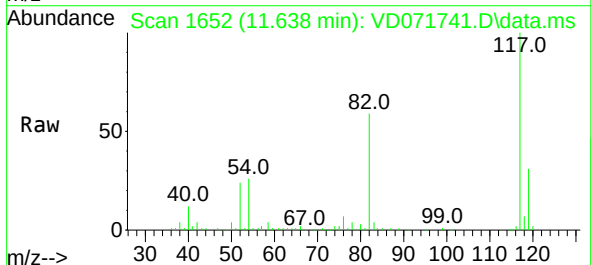
Instrument :
MSVOA_D
ClientSampleId :
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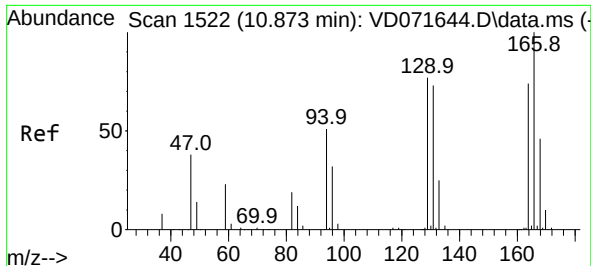
Tgt Ion: 95 Resp: 76700
Ion Ratio Lower Upper
95 100
174 74.8 0.0 150.0
176 71.2 0.0 146.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.001 min
Lab File: VD071741.D
Acq: 19 Jan 2022 13:49

Tgt Ion: 117 Resp: 263642
Ion Ratio Lower Upper
117 100
82 58.6 46.9 70.3
119 30.9 26.6 39.8

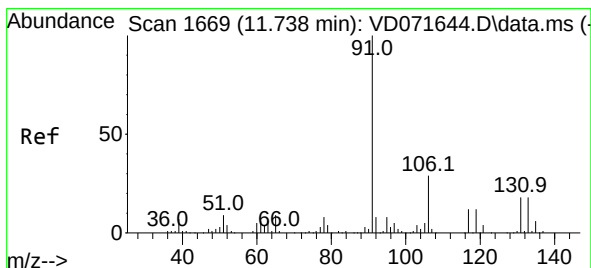
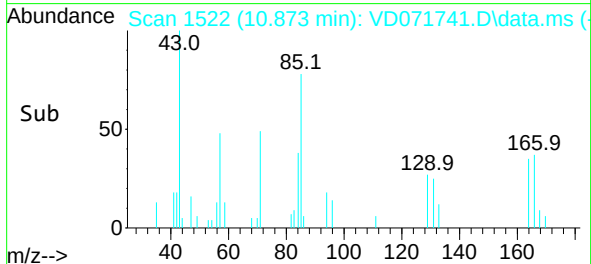
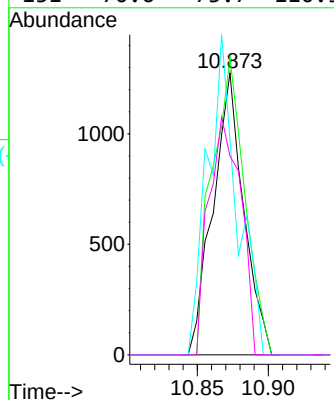
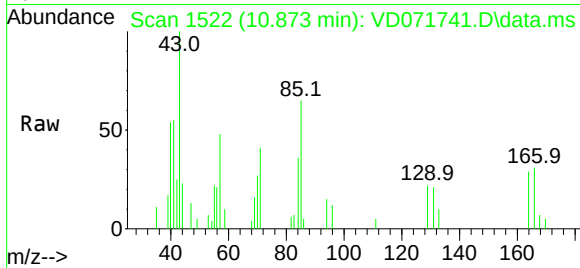




#64
Tetrachloroethene
Concen: 1.237 ug/l
RT: 10.873 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD071741.D
Acq: 19 Jan 2022 13:49

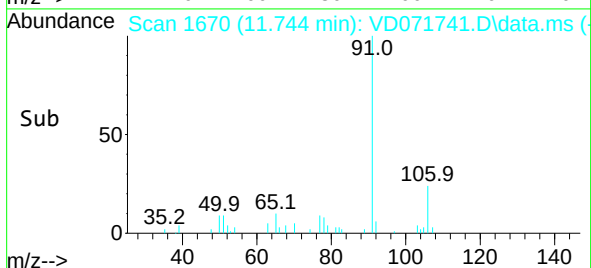
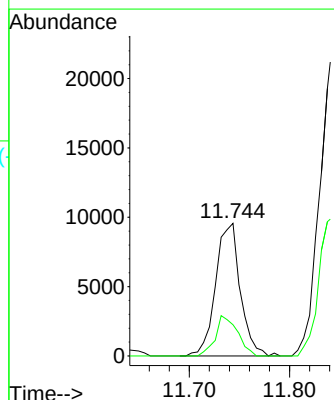
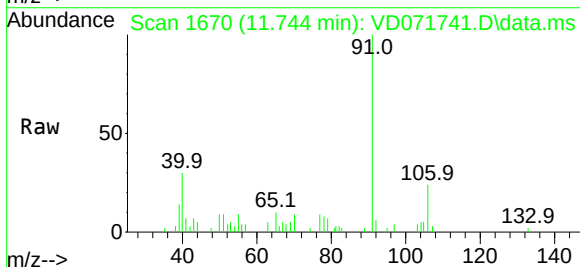
Instrument :
MSVOA_D
ClientSampleId :
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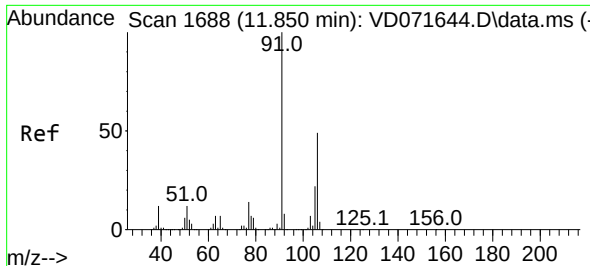
Tgt Ion:164 Resp: 1915
Ion Ratio Lower Upper
164 100
166 105.5 100.2 150.2
129 76.5 82.0 123.0#
131 70.6 73.7 110.5#



#67
Ethyl Benzene
Concen: 1.765 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.007 min
Lab File: VD071741.D
Acq: 19 Jan 2022 13:49

Tgt Ion: 91 Resp: 16349
Ion Ratio Lower Upper
91 100
106 23.6 23.6 35.4#

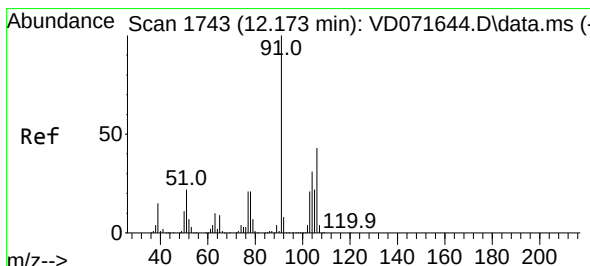
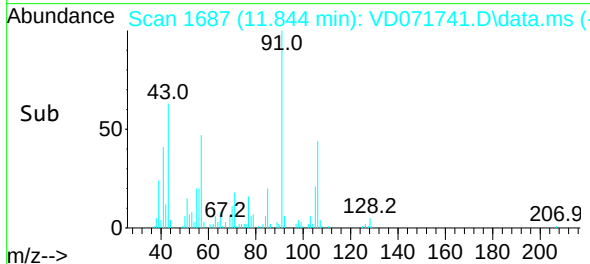
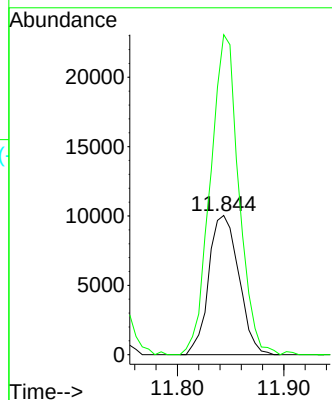
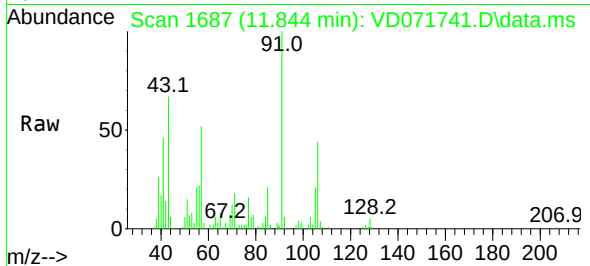




#68
m/p-Xylenes
Concen: 5.710 ug/l
RT: 11.844 min Scan# 1130
Delta R.T. -0.005 min
Lab File: VD071741.D
Acq: 19 Jan 2022 13:49

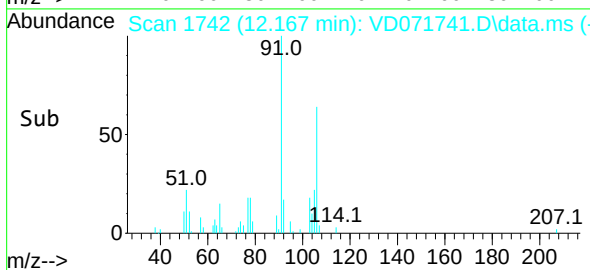
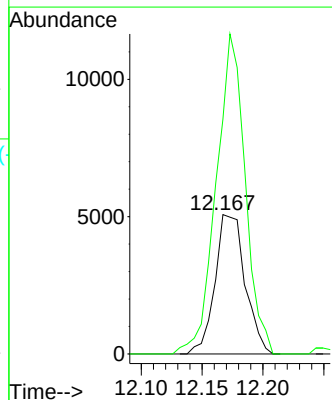
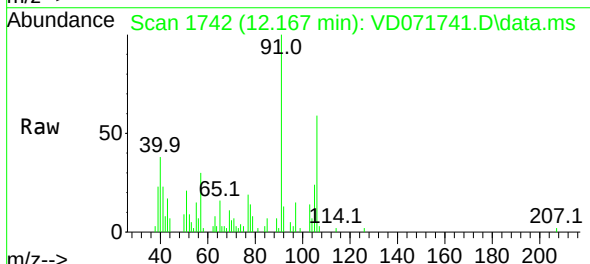
Instrument :
MSVOA_D
ClientSampleId :
1130

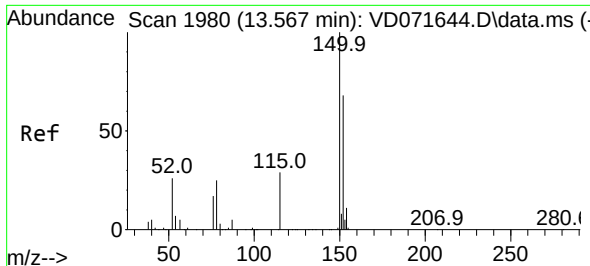
Tgt Ion:106 Resp: 19670
Ion Ratio Lower Upper
106 100
91 218.0 168.6 252.8



#69
o-Xylene
Concen: 2.676 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VD071741.D
Acq: 19 Jan 2022 13:49

Tgt Ion:106 Resp: 8725
Ion Ratio Lower Upper
106 100
91 221.2 110.9 332.9

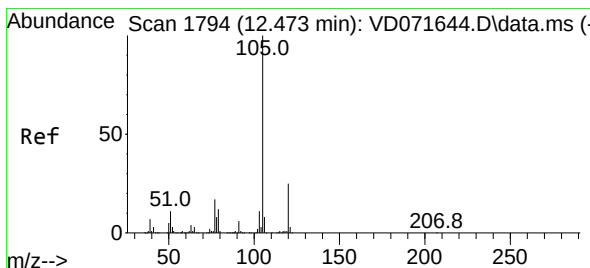
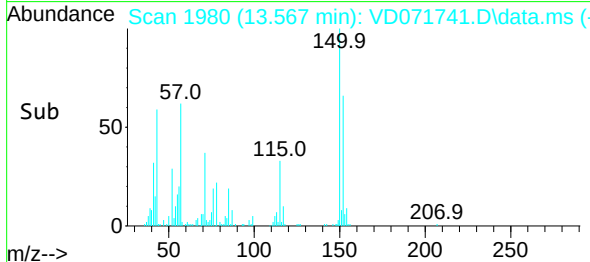
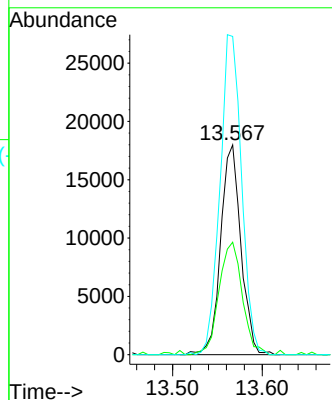
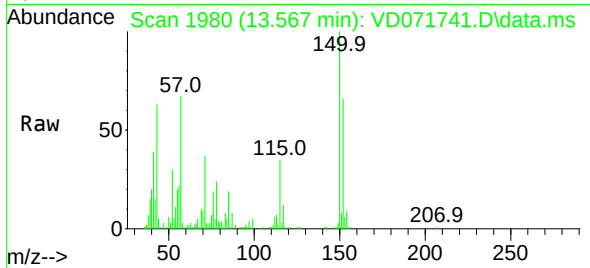




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071741.D
Acq: 19 Jan 2022 13:49

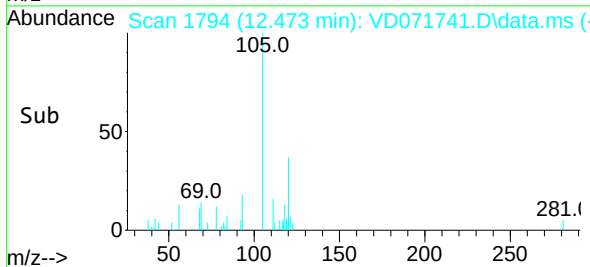
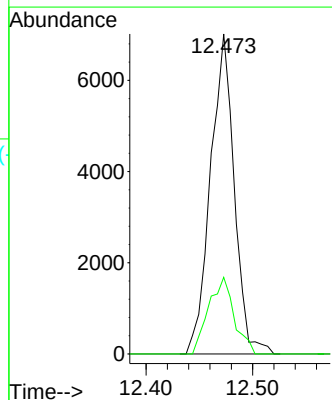
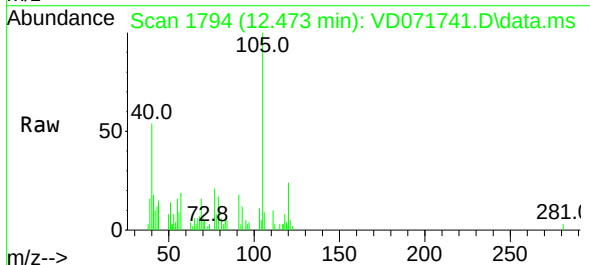
Instrument :
MSVOA_D
ClientSampleId :
1130

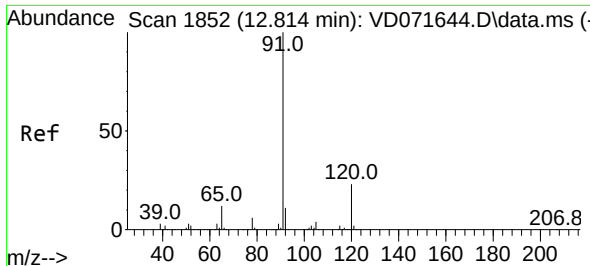
Tgt Ion:152 Resp: 28235
Ion Ratio Lower Upper
152 100
115 61.5 31.5 94.5
150 162.5 0.0 348.0



#73
Isopropylbenzene
Concen: 5.357 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD071741.D
Acq: 19 Jan 2022 13:49

Tgt Ion:105 Resp: 10870
Ion Ratio Lower Upper
105 100
120 25.7 12.5 37.5

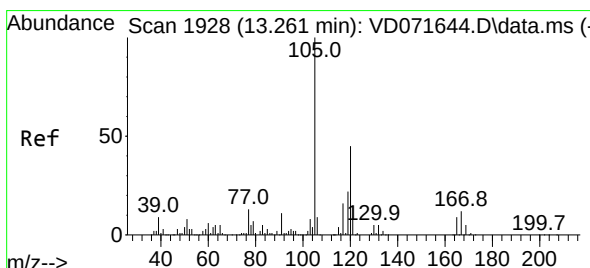
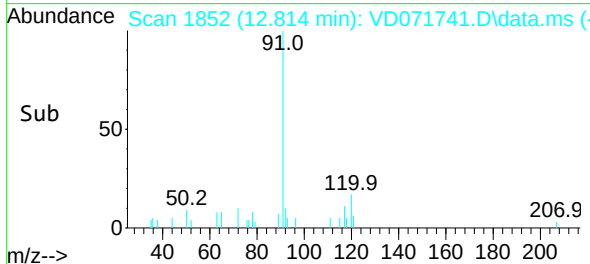
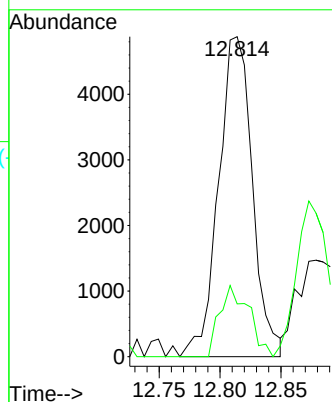
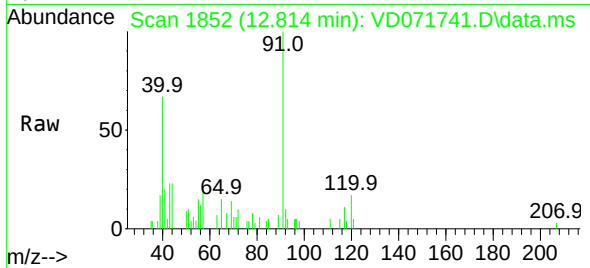




#78
n-propylbenzene
Concen: 3.703 ug/l
RT: 12.814 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD071741.D
Acq: 19 Jan 2022 13:49

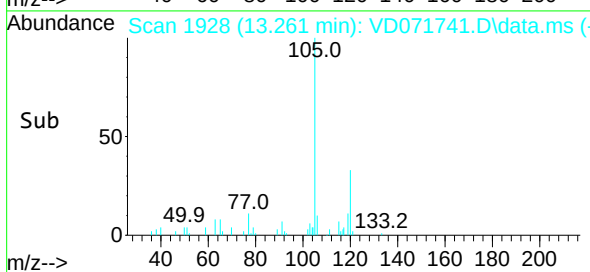
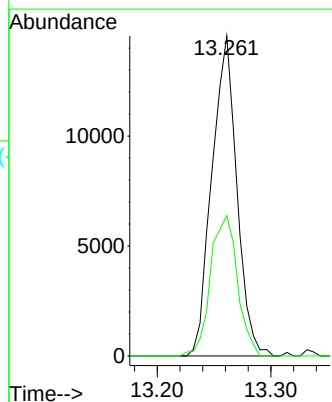
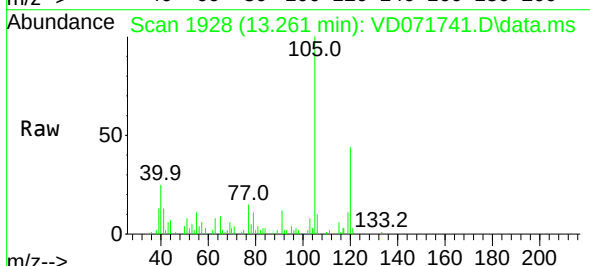
Instrument :
MSVOA_D
ClientSampleId :
1130

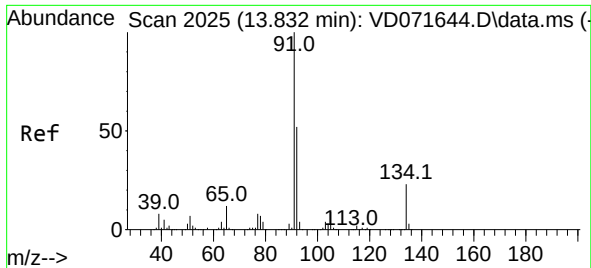
Tgt Ion: 91 Resp: 9450
Ion Ratio Lower Upper
91 100
120 19.1 10.9 32.7



#84
1,2,4-Trimethylbenzene
Concen: 13.247 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD071741.D
Acq: 19 Jan 2022 13:49

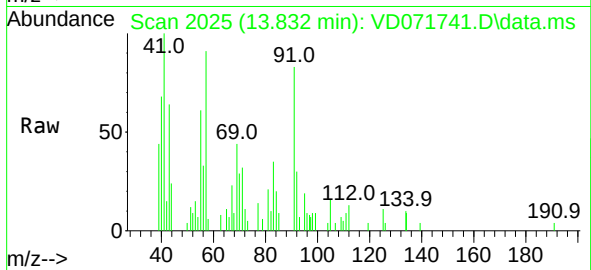
Tgt Ion: 105 Resp: 22209
Ion Ratio Lower Upper
105 100
120 47.3 22.3 66.9





#89
 n-Butylbenzene
 Concen: 2.576 ug/l
 RT: 13.832 min Scan# 20
 Delta R.T. 0.001 min
 Lab File: VD071741.D
 Acq: 19 Jan 2022 13:49

Instrument :
 MSVOA_D
 ClientSampleId :
 1130



Tgt Ion:	91	Resp:	4700
Ion	Ratio	Lower	Upper
91	100		
92	51.1	26.6	79.8
134	0.0	12.1	36.3

