

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051022\
 Data File : VD072910.D
 Acq On : 10 May 2022 13:12
 Operator : VA/SY
 Sample : N2672-05
 Misc : 6.50G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 05

Quant Time: May 11 05:50:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

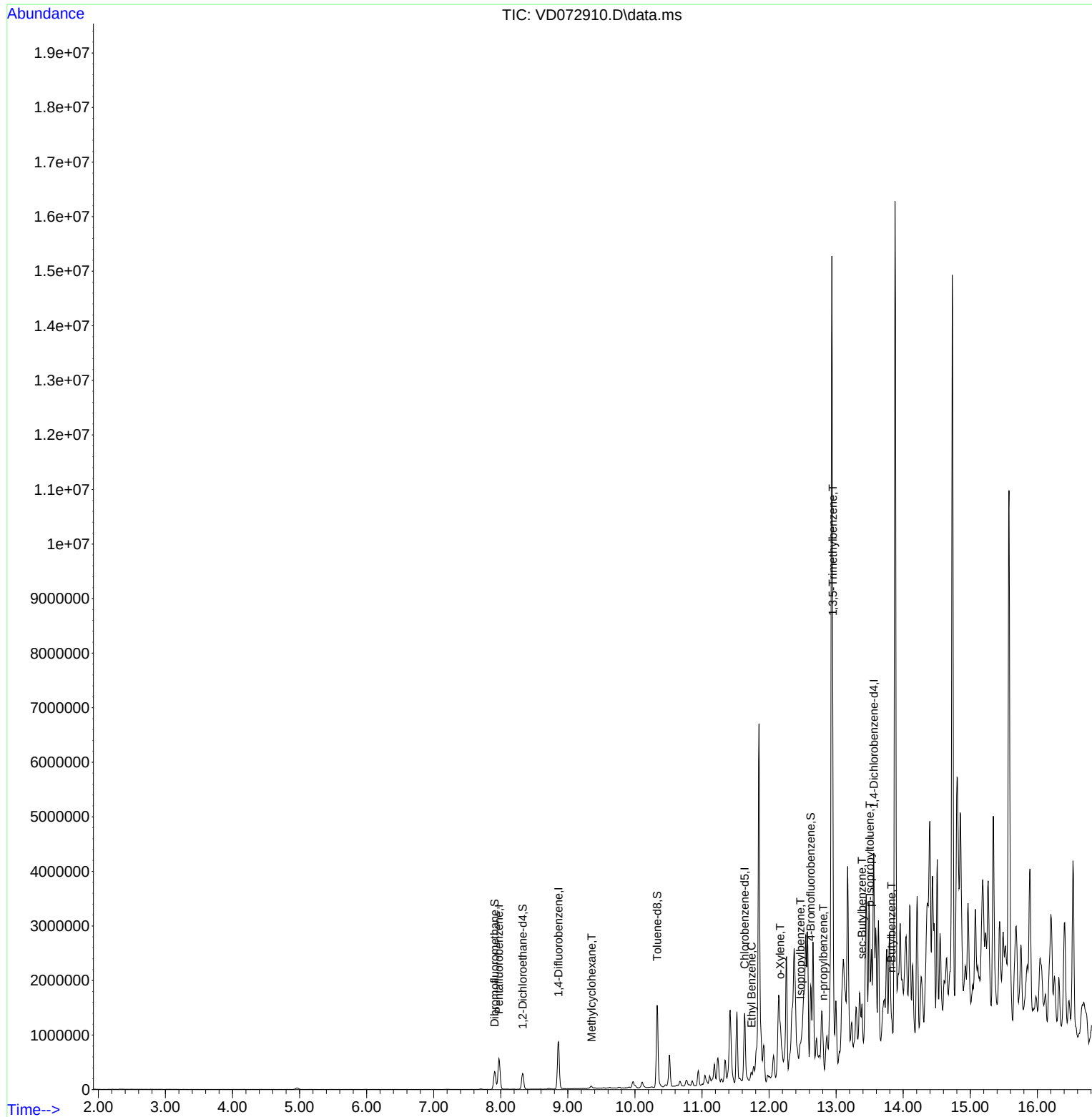
Internal Standards						
1) Pentafluorobenzene	7.973	168	400834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	745574	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	730166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	330463	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	233125	44.805	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.600%
35) Dibromofluoromethane	7.908	113	233190	44.534	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.060%
50) Toluene-d8	10.332	98	932814	49.663	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.320%
62) 4-Bromofluorobenzene	12.620	95	359828	51.377	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.760%
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.355	83	15656	1.585	ug/l #	82
67) Ethyl Benzene	11.738	91	67660	2.315	ug/l	94
69) o-Xylene	12.167	106	116515	11.081	ug/l	100
73) Isopropylbenzene	12.467	105	95479	3.714	ug/l	99
78) n-propylbenzene	12.808	91	204030	6.296	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	678935	31.142	ug/l	100
85) sec-Butylbenzene	13.384	105	269628	9.645	ug/l	89
86) p-Isopropyltoluene	13.502	119	241983	10.558	ug/l	99
89) n-Butylbenzene	13.826	91	129857	5.849	ug/l #	61

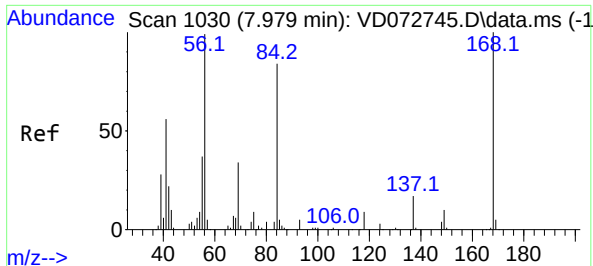
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 2022
Response via : Initial Calibration

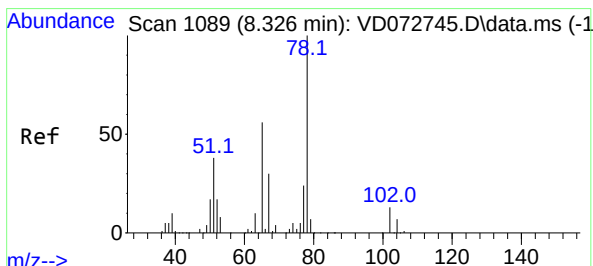
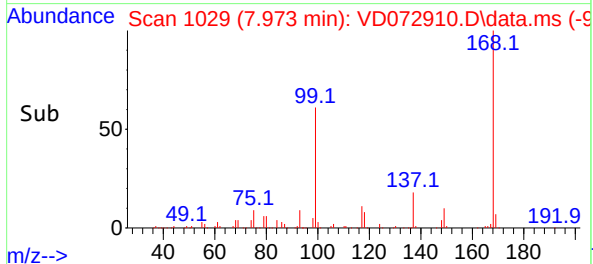
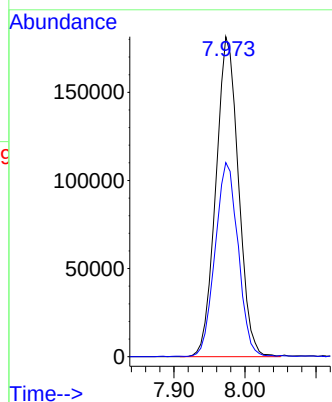
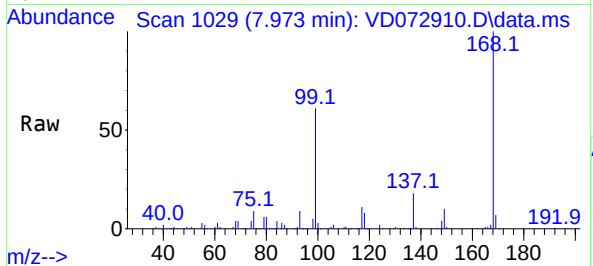




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072910.D
Acq: 10 May 2022 13:12

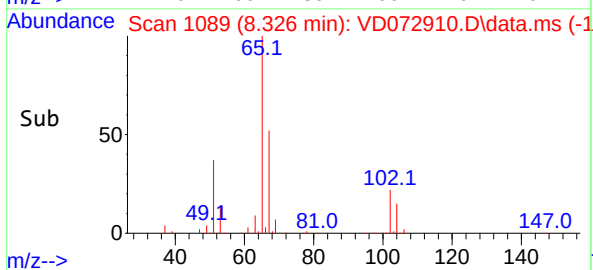
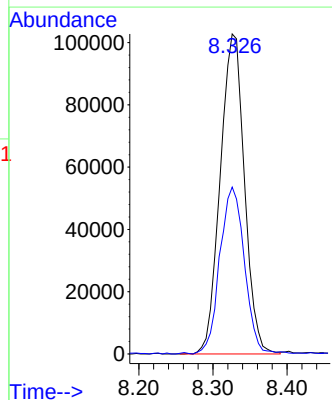
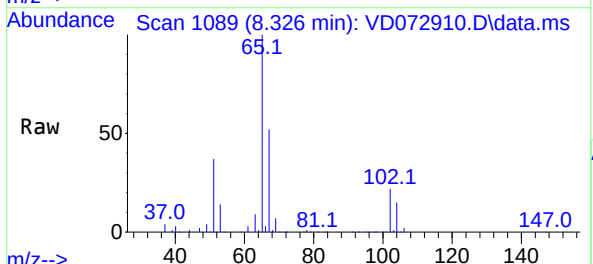
Instrument :
MSVOA_D
ClientSampleId :
05

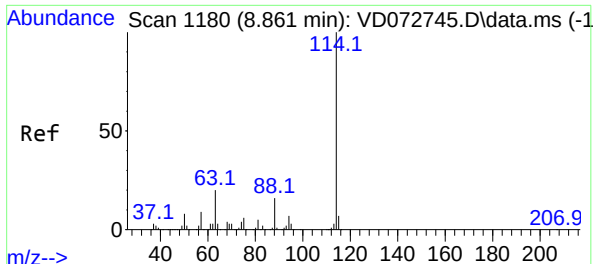
Tgt Ion:168 Resp: 400834
Ion Ratio Lower Upper
168 100
99 60.5 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 44.805 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072910.D
Acq: 10 May 2022 13:12

Tgt Ion: 65 Resp: 233125
Ion Ratio Lower Upper
65 100
67 53.1 0.0 101.4



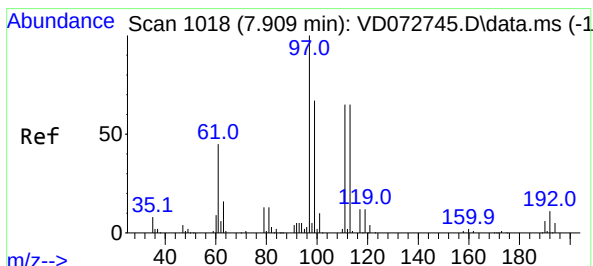
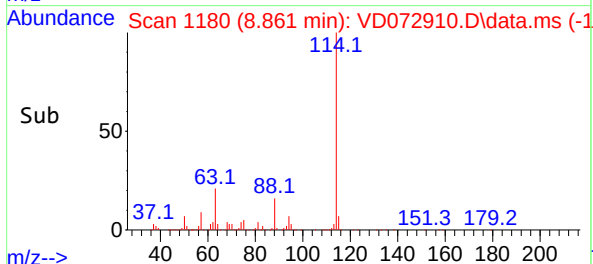
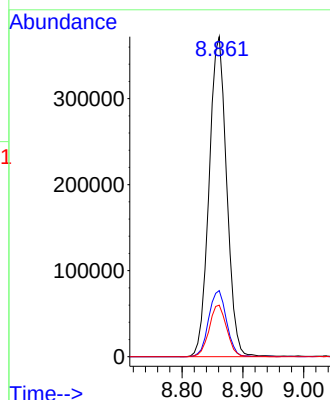
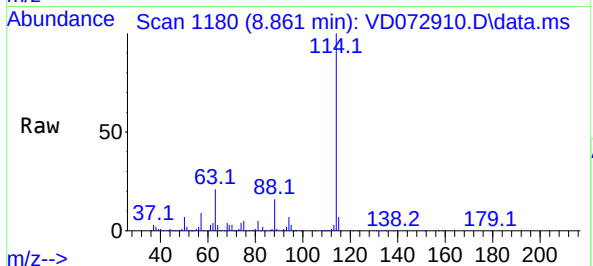


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072910.D
Acq: 10 May 2022 13:12

Instrument :
MSVOA_D
ClientSampleId :
05

Tgt Ion:114 Resp: 745574

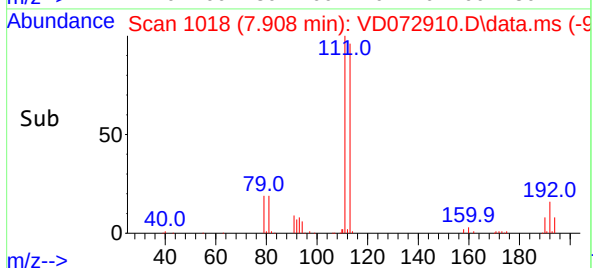
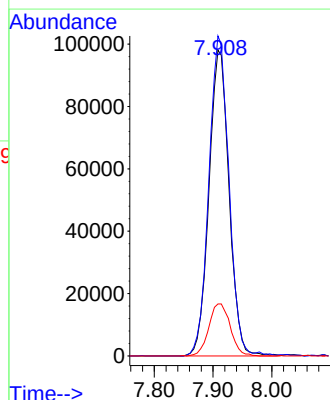
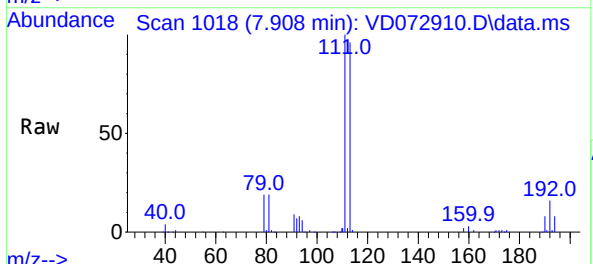
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	46.6
88	16.1	0.0	33.2

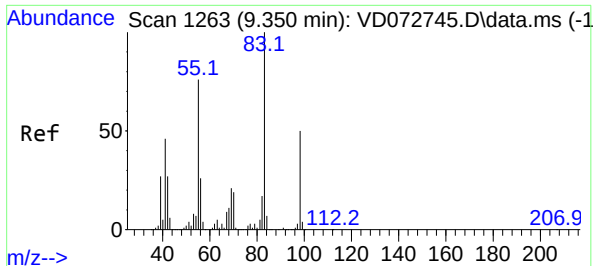


#35
Dibromofluoromethane
Concen: 44.534 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072910.D
Acq: 10 May 2022 13:12

Tgt Ion:113 Resp: 233190

Ion	Ratio	Lower	Upper
113	100		
111	104.6	83.8	125.6
192	18.2	14.6	21.8





#39

Methylcyclohexane

Concen: 1.585 ug/l

RT: 9.355 min Scan# 1263

Delta R.T. 0.005 min

Lab File: VD072910.D

Acq: 10 May 2022 13:12

Instrument :

MSVOA_D

ClientSampleId :

05

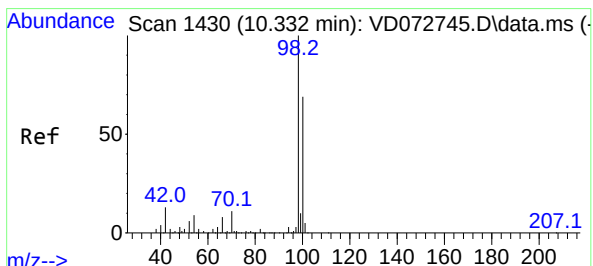
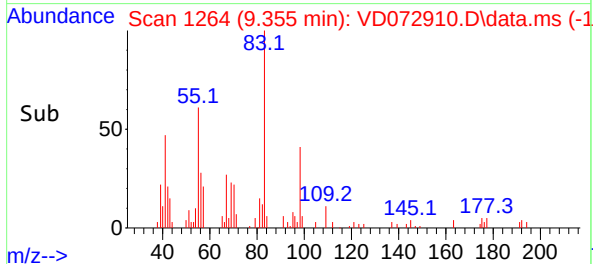
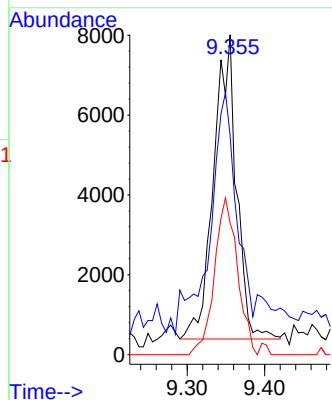
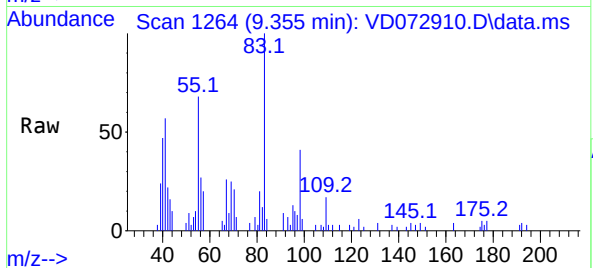
Tgt Ion: 83 Resp: 15656

Ion Ratio Lower Upper

83 100

55 56.6 63.2 94.8#

98 43.2 38.2 57.4



#50

Toluene-d8

Concen: 49.663 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD072910.D

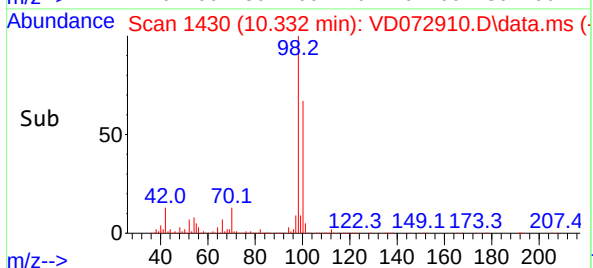
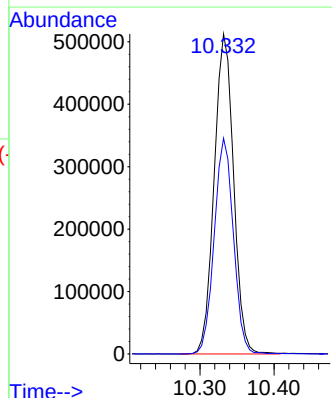
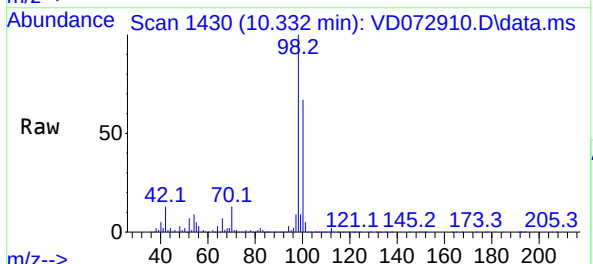
Acq: 10 May 2022 13:12

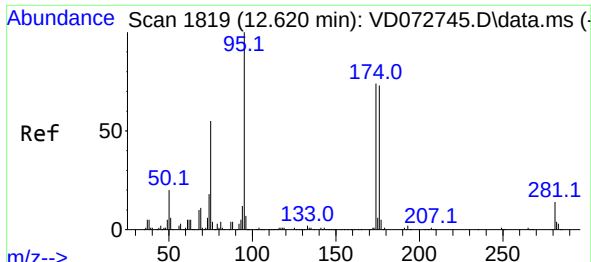
Tgt Ion: 98 Resp: 932814

Ion Ratio Lower Upper

98 100

100 66.6 52.4 78.6

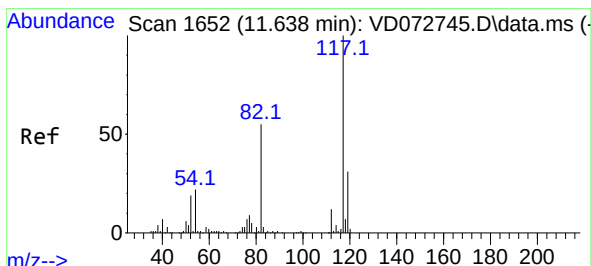
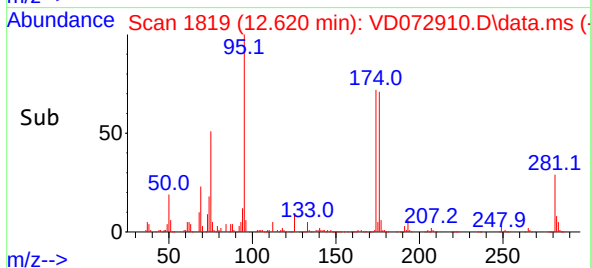
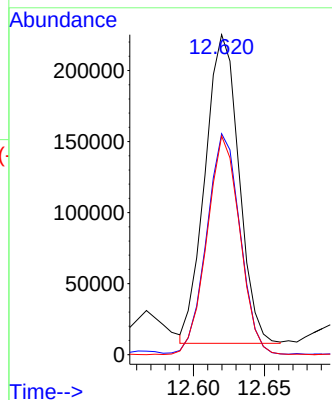
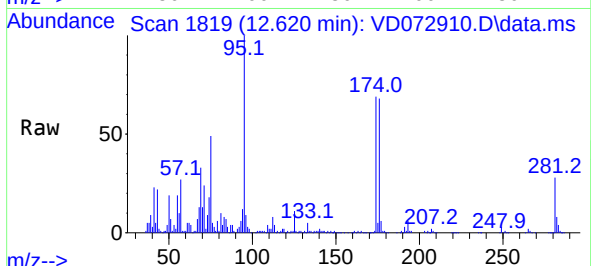




#62
4-Bromofluorobenzene
Concen: 51.377 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072910.D
Acq: 10 May 2022 13:12

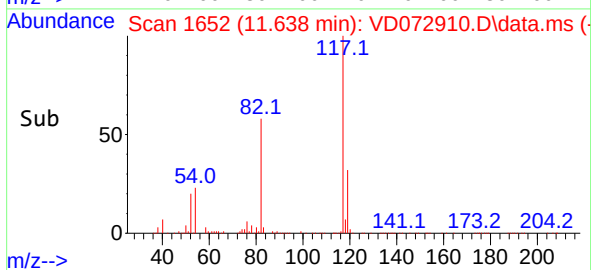
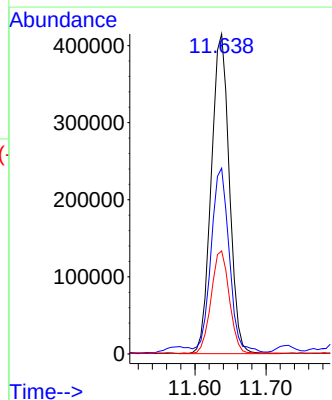
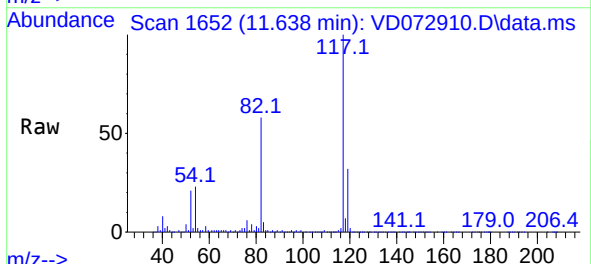
Instrument :
MSVOA_D
ClientSampleId :
05

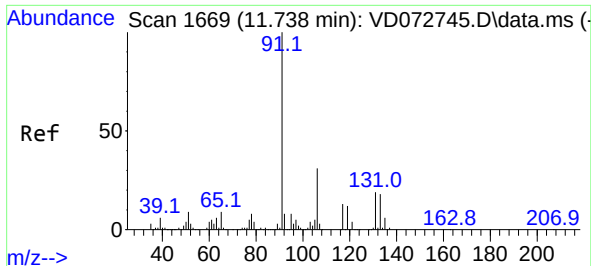
Tgt Ion: 95 Resp: 359828
Ion Ratio Lower Upper
95 100
174 70.3 0.0 152.8
176 69.0 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072910.D
Acq: 10 May 2022 13:12

Tgt Ion: 117 Resp: 730166
Ion Ratio Lower Upper
117 100
82 55.8 45.3 67.9
119 32.0 26.6 40.0

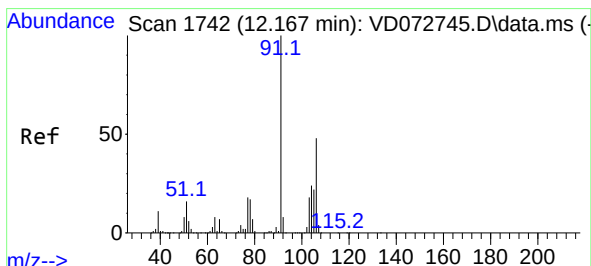
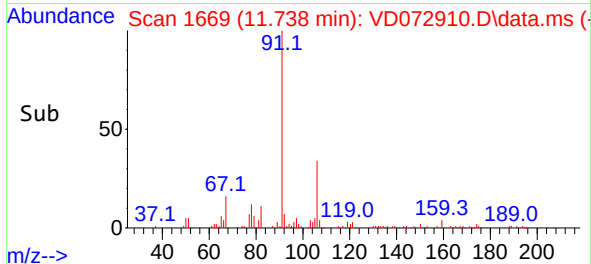
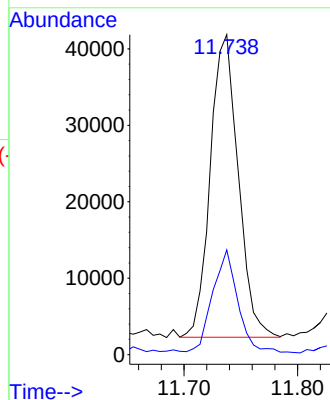
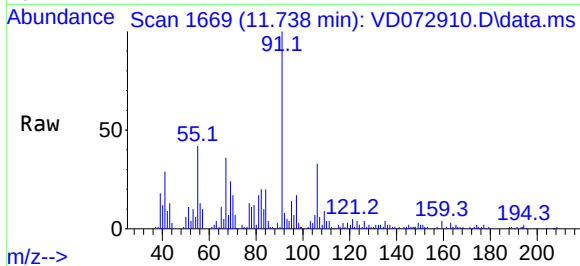




#67
Ethyl Benzene
Concen: 2.315 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072910.D
Acq: 10 May 2022 13:12

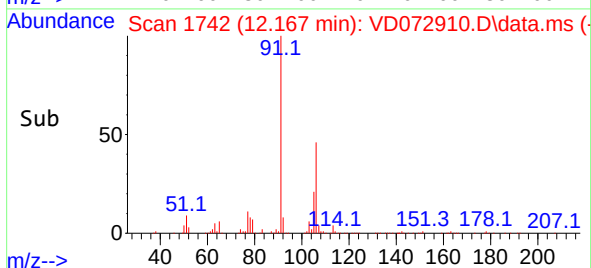
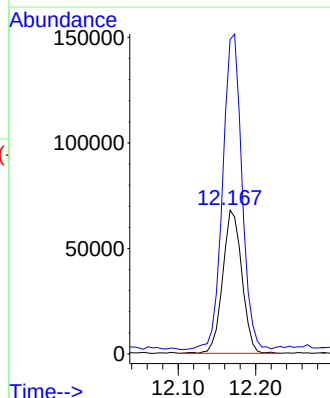
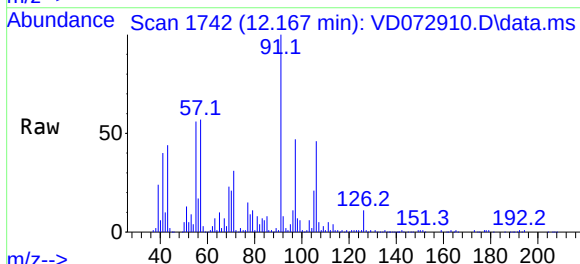
Instrument :
MSVOA_D
ClientSampleId :
05

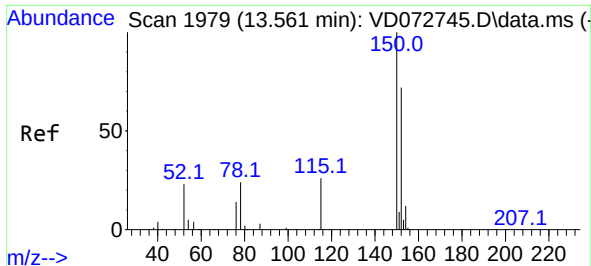
Tgt Ion: 91 Resp: 67660
Ion Ratio Lower Upper
91 100
106 33.8 24.2 36.4



#69
o-Xylene
Concen: 11.081 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.000 min
Lab File: VD072910.D
Acq: 10 May 2022 13:12

Tgt Ion: 106 Resp: 116515
Ion Ratio Lower Upper
106 100
91 221.1 110.4 331.2

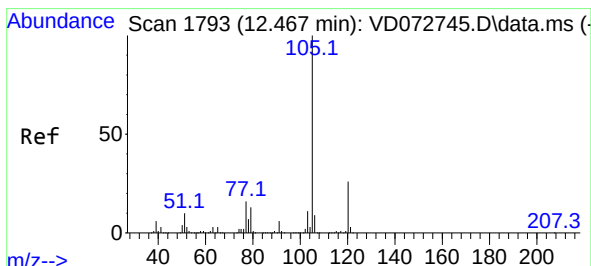
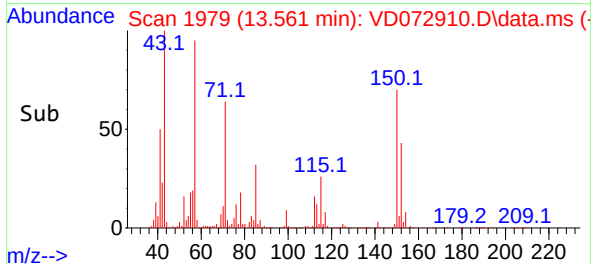
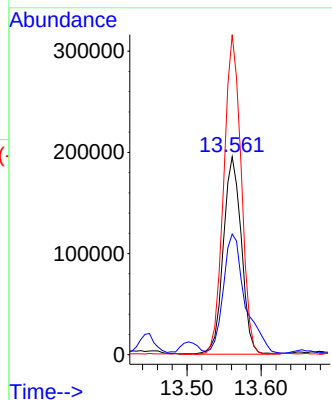
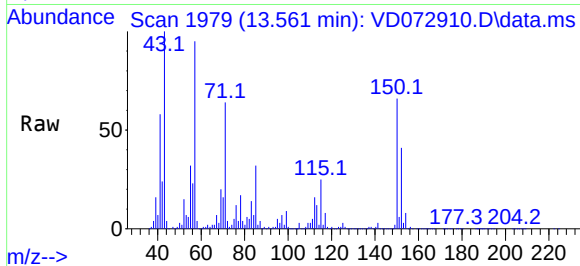




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD072910.D
Acq: 10 May 2022 13:12

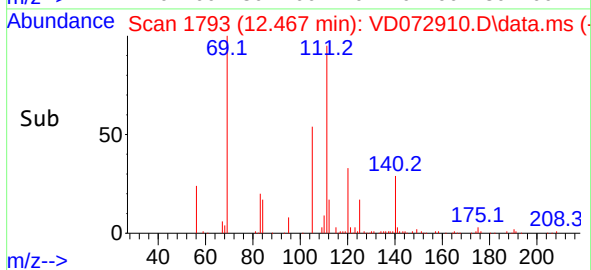
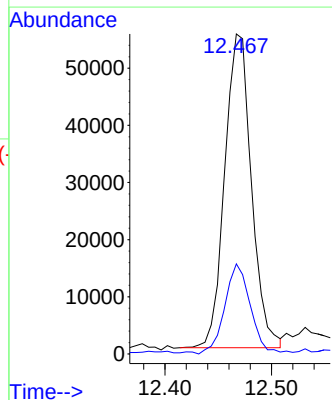
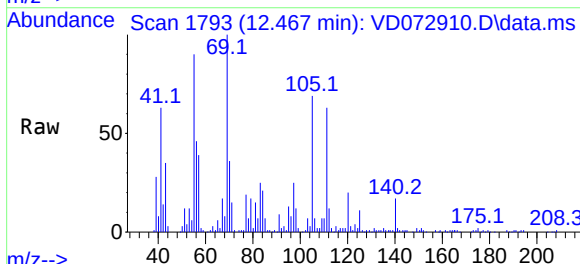
Instrument :
MSVOA_D
ClientSampleId :
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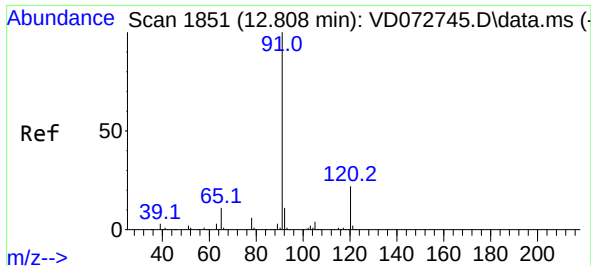
Tgt Ion:152 Resp: 330463
Ion Ratio Lower Upper
152 100
115 72.5 31.3 93.8
150 155.5 0.0 348.6



#73
Isopropylbenzene
Concen: 3.714 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD072910.D
Acq: 10 May 2022 13:12

Tgt Ion:105 Resp: 95479
Ion Ratio Lower Upper
105 100
120 26.5 13.0 38.9

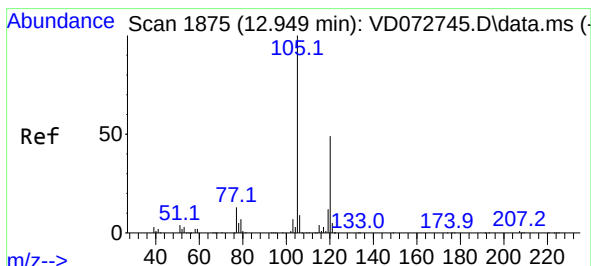
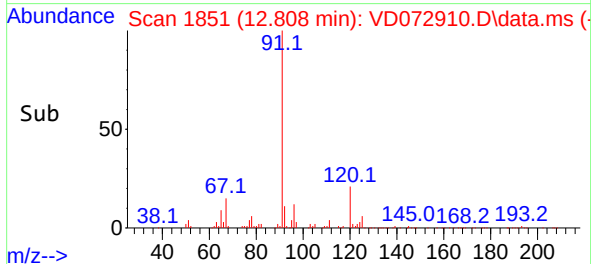
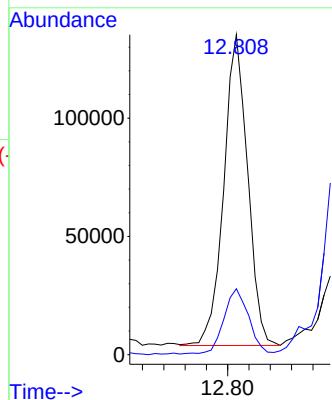
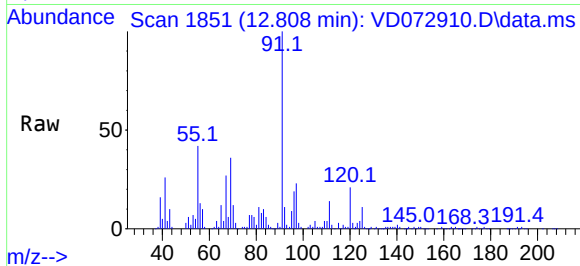




#78
n-propylbenzene
Concen: 6.296 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD072910.D
Acq: 10 May 2022 13:12

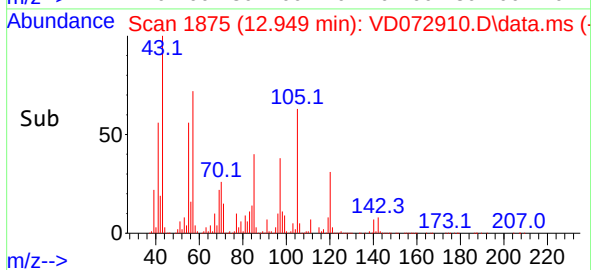
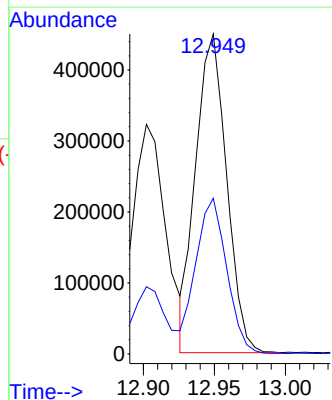
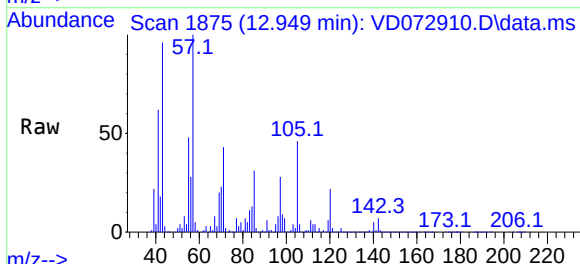
Instrument :
MSVOA_D
ClientSampleId :
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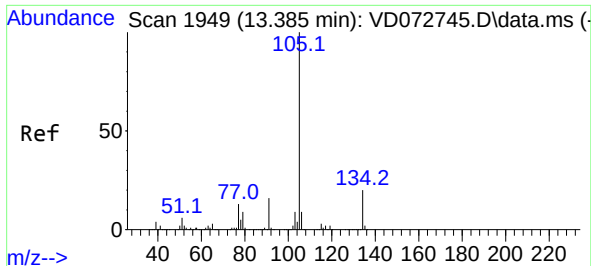
Tgt Ion: 91 Resp: 204030
Ion Ratio Lower Upper
91 100
120 21.9 10.9 32.9



#80
1,3,5-Trimethylbenzene
Concen: 31.142 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072910.D
Acq: 10 May 2022 13:12

Tgt Ion: 105 Resp: 678935
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.8

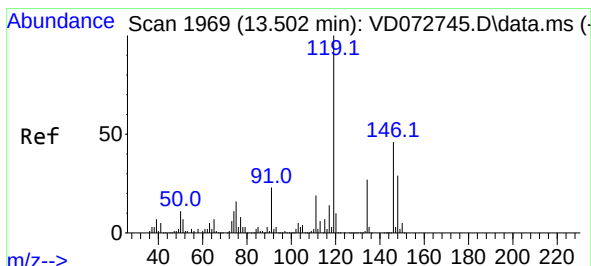
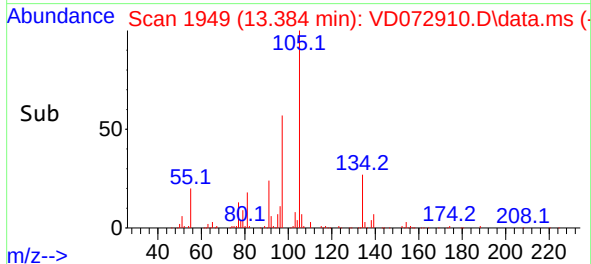
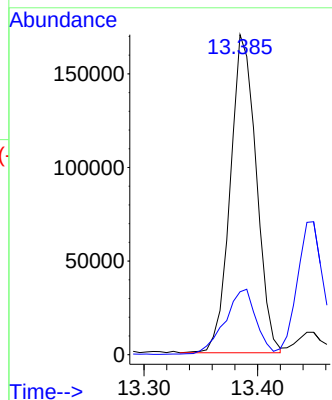
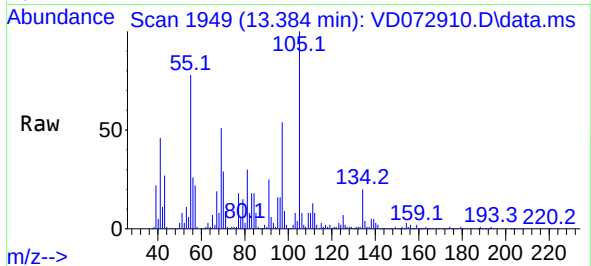




#85
 sec-Butylbenzene
 Concen: 9.645 ug/l
 RT: 13.384 min Scan# 1949
 Delta R.T. -0.001 min
 Lab File: VD072910.D
 Acq: 10 May 2022 13:12

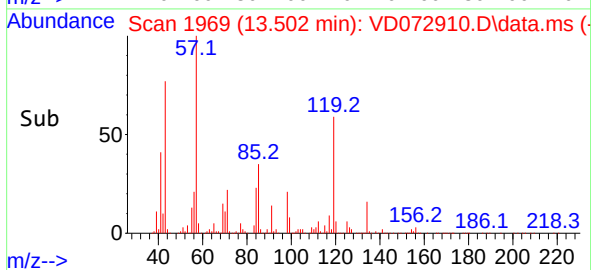
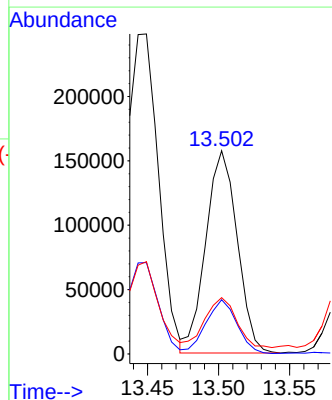
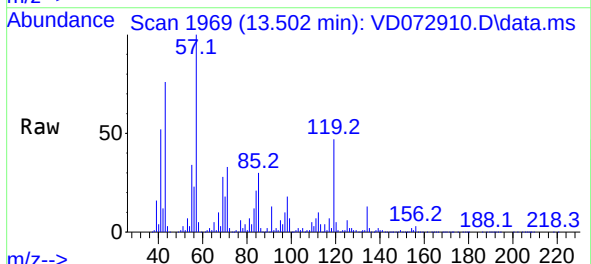
Instrument :
 MSVOA_D
 ClientSampleId :
 05

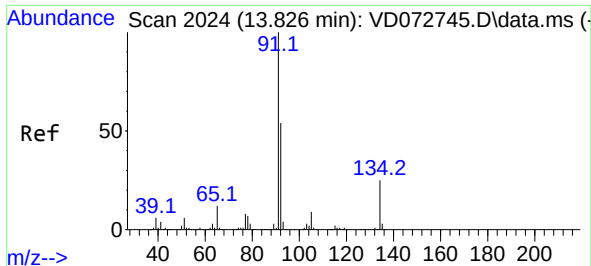
Tgt Ion:105 Resp: 269628
 Ion Ratio Lower Upper
 105 100
 134 24.6 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 10.558 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD072910.D
 Acq: 10 May 2022 13:12

Tgt Ion:119 Resp: 241983
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.9 38.6
 91 24.5 12.1 36.3





#89

n-Butylbenzene

Concen: 5.849 ug/l

RT: 13.826 min Scan# 20

Delta R.T. -0.000 min

Lab File: VD072910.D

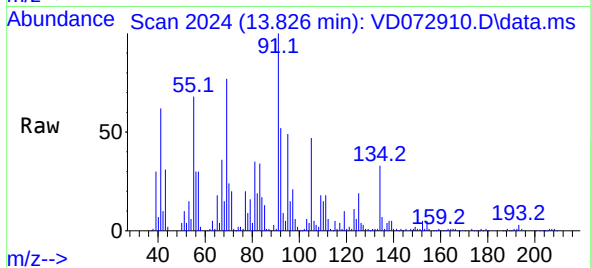
Acq: 10 May 2022 13:12

Instrument :

MSVOA_D

ClientSampleId :

05



Tgt Ion: 91 Resp: 129857

Ion Ratio Lower Upper

91 100

92 77.8 26.6 79.8

134 0.0 12.3 36.9#

