

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032422\
 Data File : VD072412.D
 Acq On : 24 Mar 2022 17:19
 Operator : VA/SY
 Sample : N2089-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-032322

Quant Time: Mar 25 02:56:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

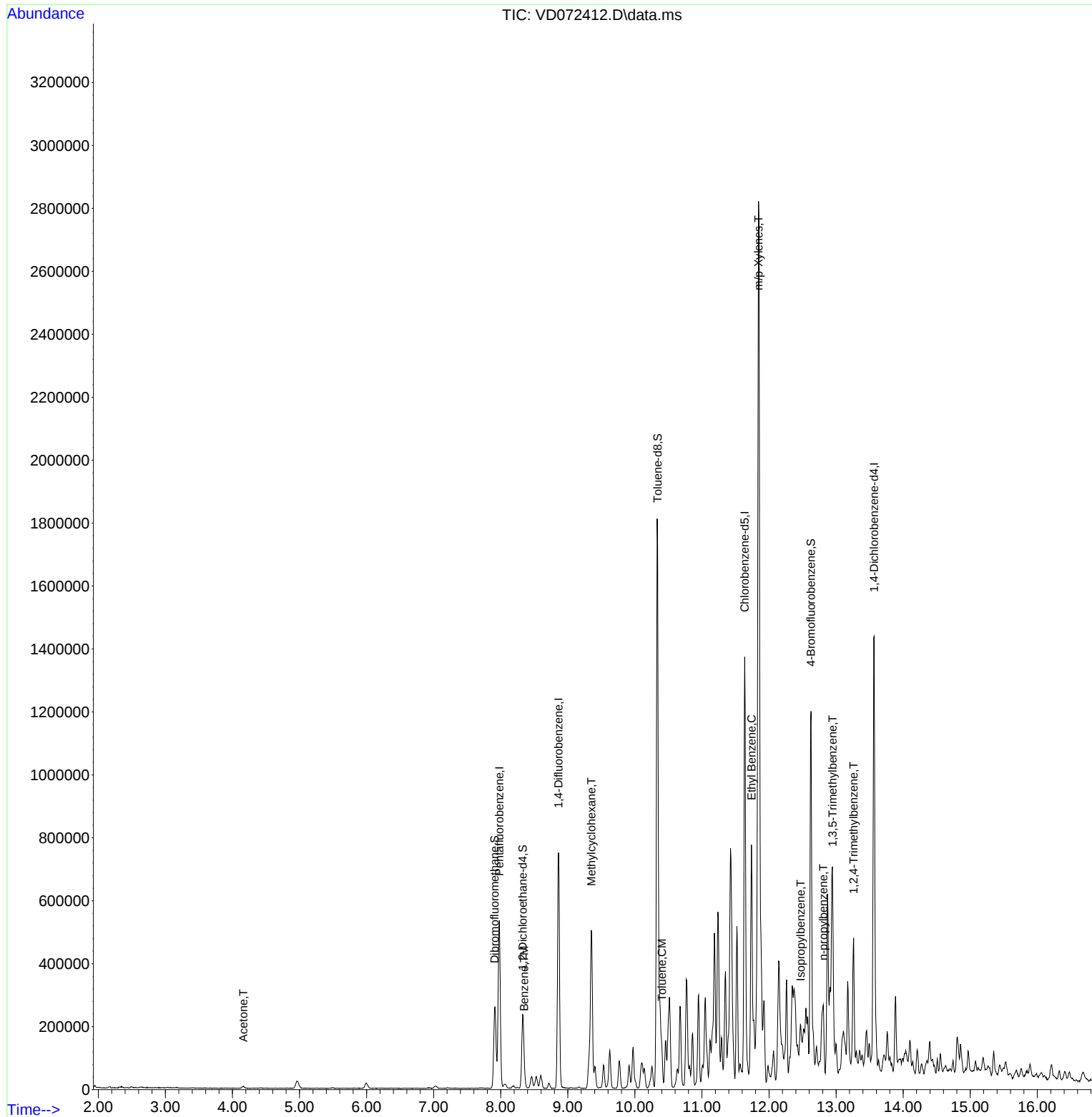
Internal Standards						
1) Pentafluorobenzene	7.979	168	372198	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	644427	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	751825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	373641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	174863	42.157	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.320%		
35) Dibromofluoromethane	7.909	113	189185	41.718	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	83.440%		
50) Toluene-d8	10.338	98	874048	52.711	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	105.420%		
62) 4-Bromofluorobenzene	12.626	95	379196	58.854	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	117.700%		
Target Compounds						Qvalue
16) Acetone	4.162	43	11081	12.304	ug/l	94
39) Methylcyclohexane	9.350	83	193537	27.034	ug/l	95
40) Benzene	8.350	78	32356	1.783	ug/l	98
52) Toluene	10.403	92	51772	4.335	ug/l	100
67) Ethyl Benzene	11.738	91	472417	15.869	ug/l	99
68) m/p-Xylenes	11.844	106	619044	54.764	ug/l	100
73) Isopropylbenzene	12.473	105	59046	1.994	ug/l	99
78) n-propylbenzene	12.808	91	143426	3.988	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	103315	4.062	ug/l	92
84) 1,2,4-Trimethylbenzene	13.261	105	231342	9.230	ug/l	100

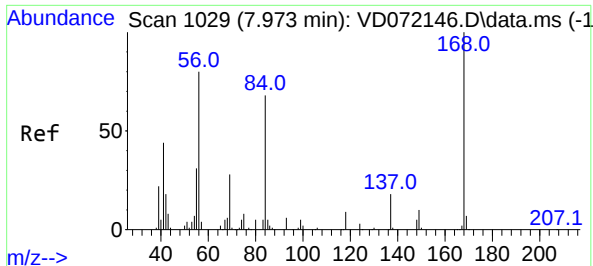
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 2022
Response via : Initial Calibration

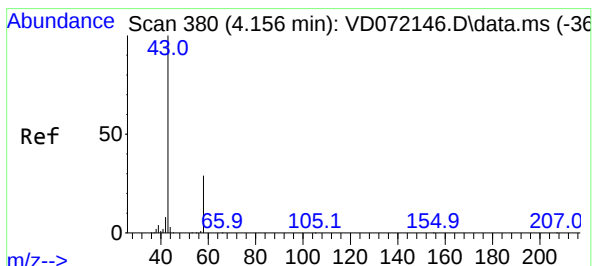
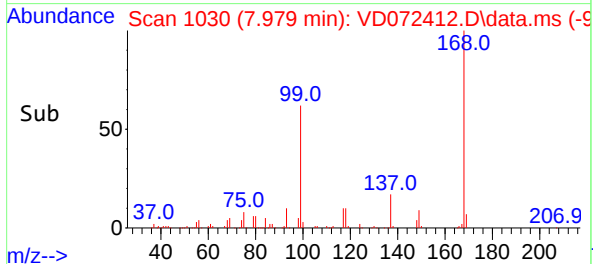
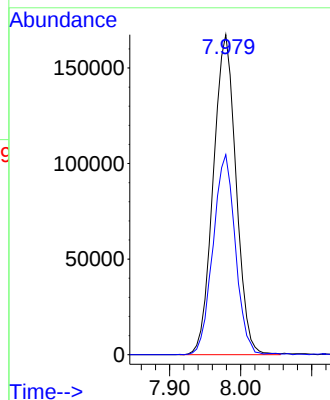
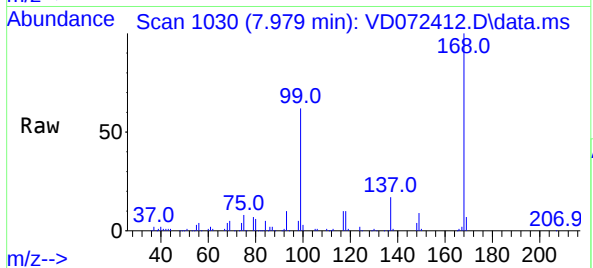




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072412.D
Acq: 24 Mar 2022 17:19

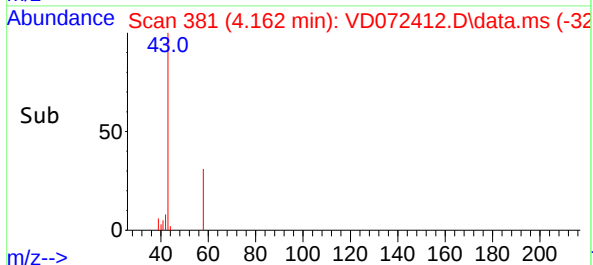
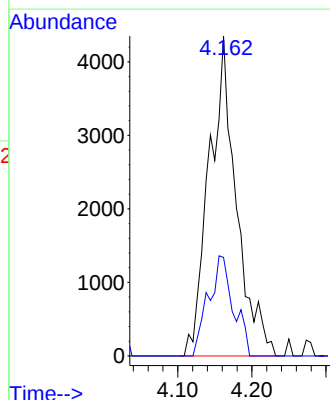
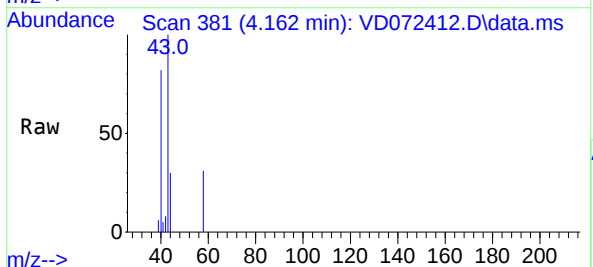
Instrument :
MSVOA_D
ClientSampleId :
CL-01-032322

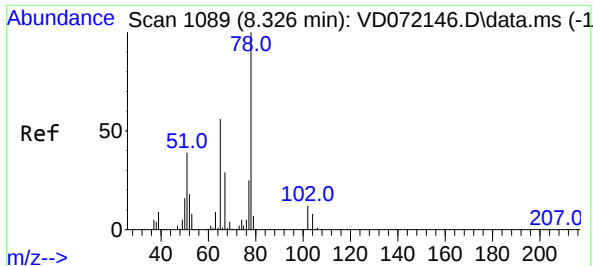
Tgt Ion:168 Resp: 372198
Ion Ratio Lower Upper
168 100
99 62.4 49.8 74.6



#16
Acetone
Concen: 12.304 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072412.D
Acq: 24 Mar 2022 17:19

Tgt Ion: 43 Resp: 11081
Ion Ratio Lower Upper
43 100
58 30.8 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 42.157 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072412.D

Acq: 24 Mar 2022 17:19

Instrument :

MSVOA_D

ClientSampleId :

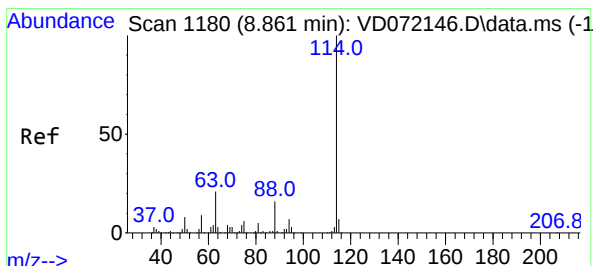
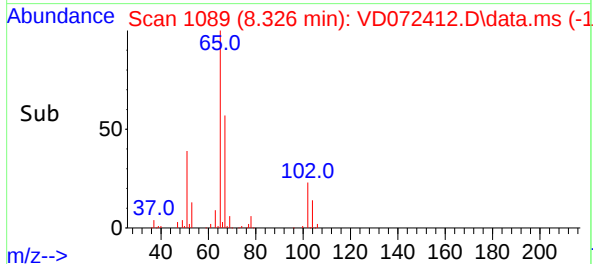
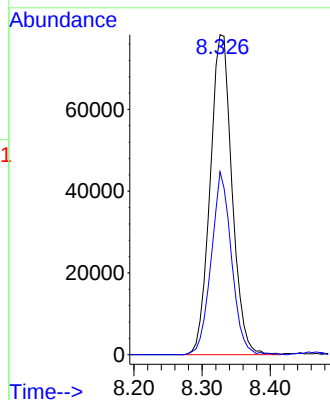
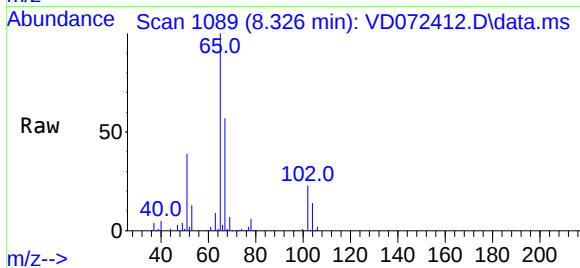
CL-01-032322

Tgt Ion: 65 Resp: 174863

Ion Ratio Lower Upper

65 100

67 52.9 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: VD072412.D

Acq: 24 Mar 2022 17:19

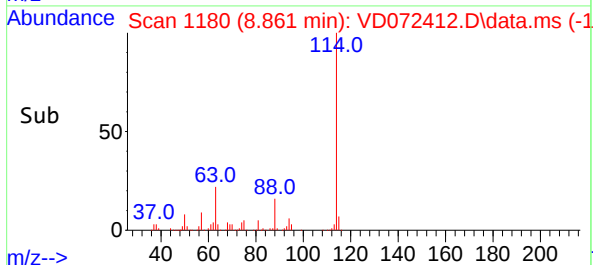
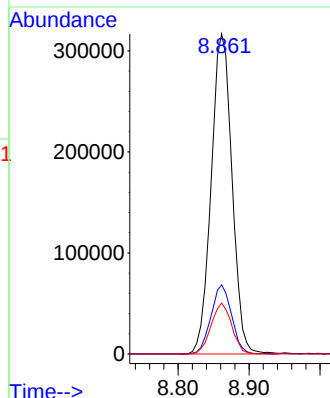
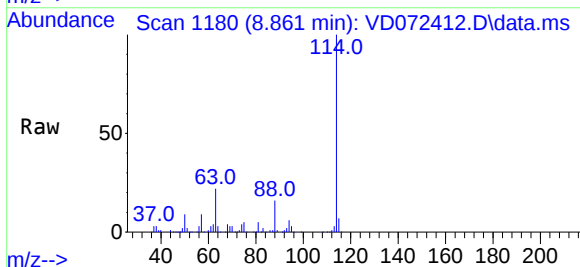
Tgt Ion: 114 Resp: 644427

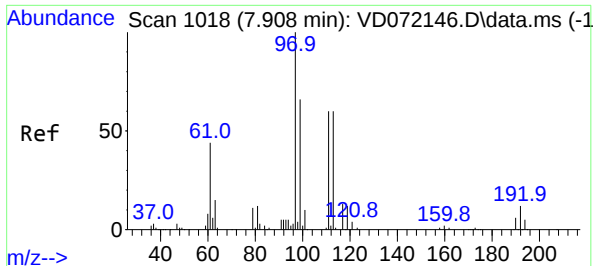
Ion Ratio Lower Upper

114 100

63 21.6 0.0 46.6

88 15.9 0.0 33.2

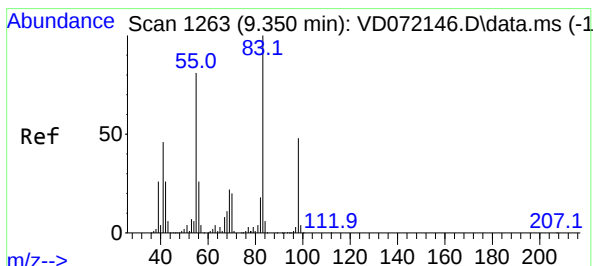
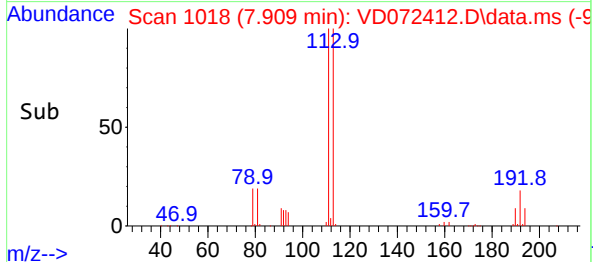
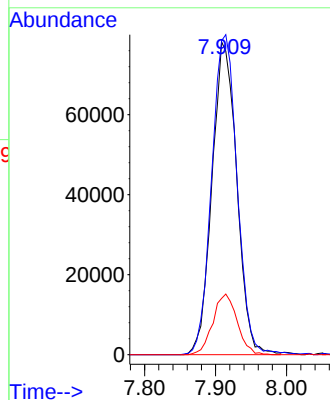
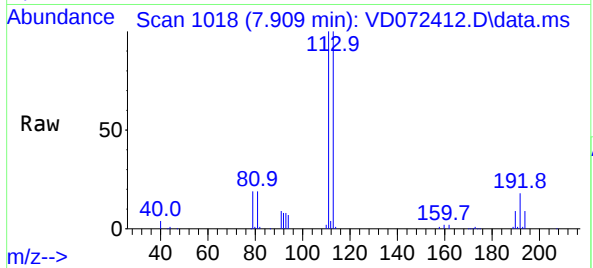




#35
Dibromofluoromethane
Concen: 41.718 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072412.D
Acq: 24 Mar 2022 17:19

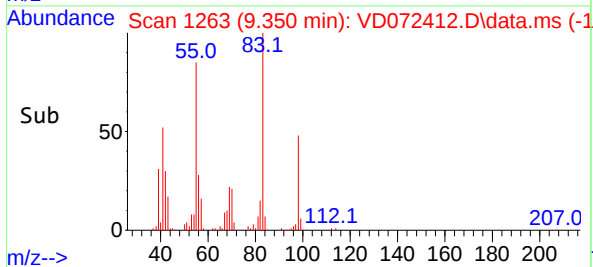
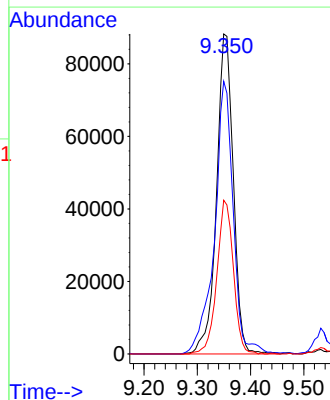
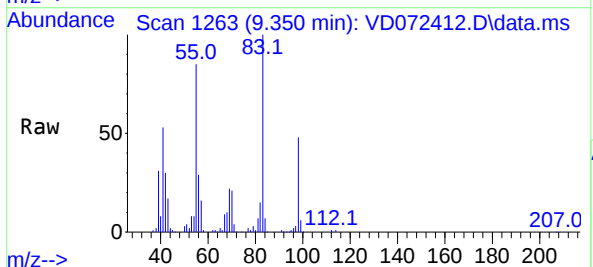
Instrument :
MSVOA_D
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CL-01-032322

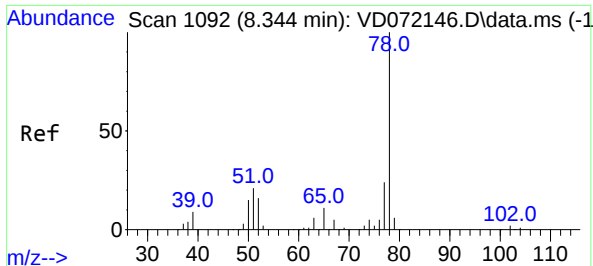
Tgt Ion:113 Resp: 189185
Ion Ratio Lower Upper
113 100
111 105.1 83.8 125.6
192 19.0 14.6 21.8



#39
Methylcyclohexane
Concen: 27.034 ug/l
RT: 9.350 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VD072412.D
Acq: 24 Mar 2022 17:19

Tgt Ion: 83 Resp: 193537
Ion Ratio Lower Upper
83 100
55 85.2 63.2 94.8
98 48.1 38.2 57.4

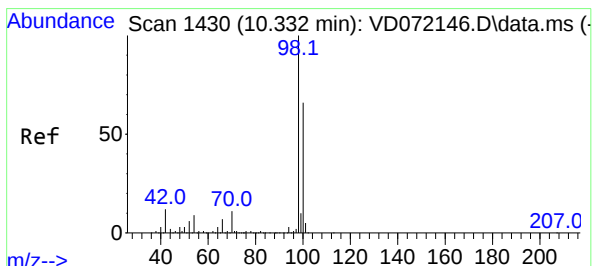
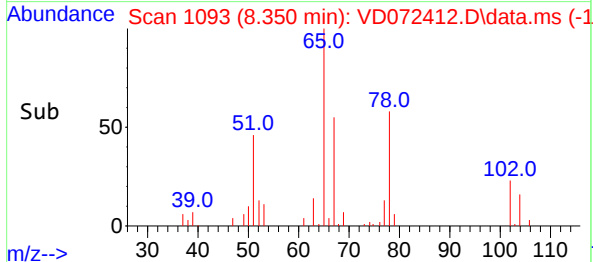
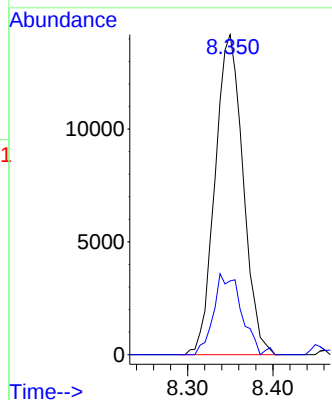
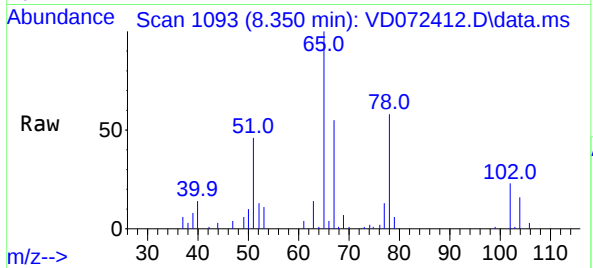




#40
Benzene
Concen: 1.783 ug/l
RT: 8.350 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD072412.D
Acq: 24 Mar 2022 17:19

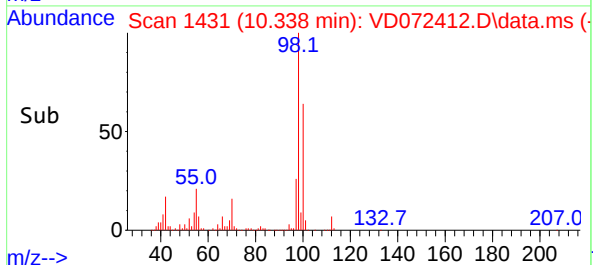
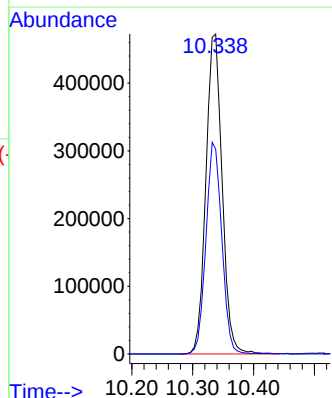
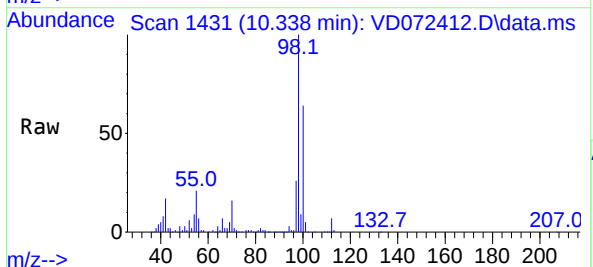
Instrument :
MSVOA_D
ClientSampleId :
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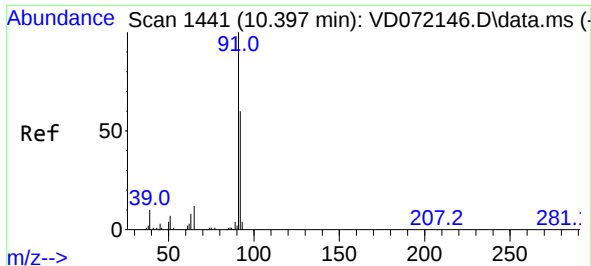
Tgt Ion: 78 Resp: 32356
Ion Ratio Lower Upper
78 100
77 23.1 19.1 28.7



#50
Toluene-d8
Concen: 52.711 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072412.D
Acq: 24 Mar 2022 17:19

Tgt Ion: 98 Resp: 874048
Ion Ratio Lower Upper
98 100
100 64.7 52.4 78.6

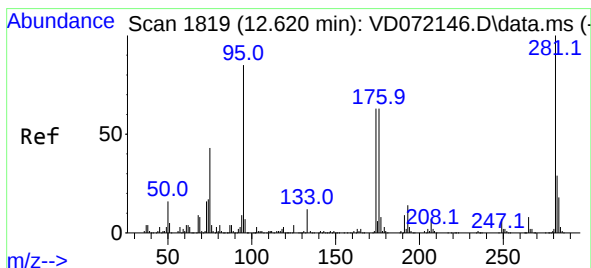
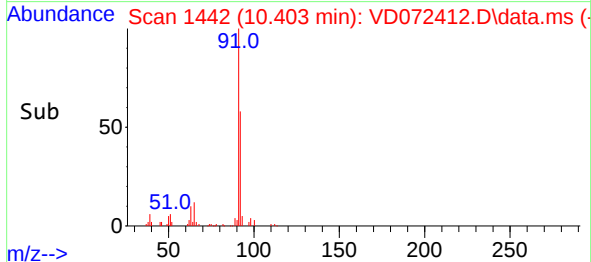
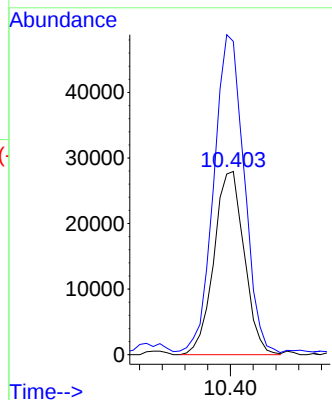
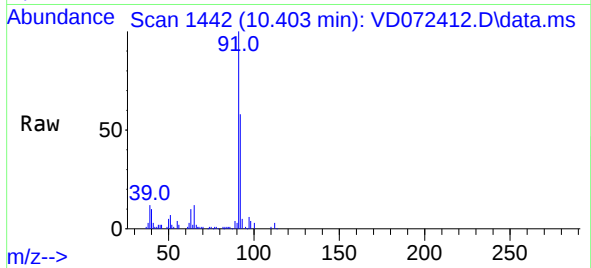




#52
Toluene
Concen: 4.335 ug/l
RT: 10.403 min Scan# 1441
Delta R.T. 0.006 min
Lab File: VD072412.D
Acq: 24 Mar 2022 17:19

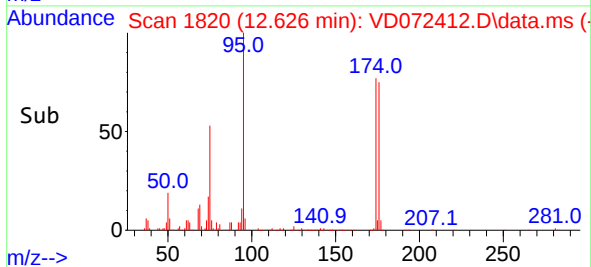
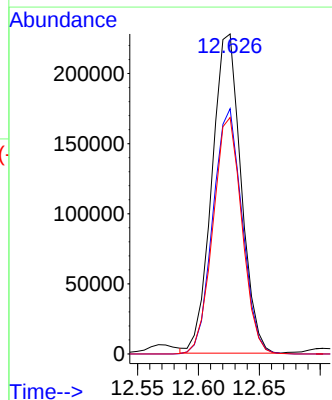
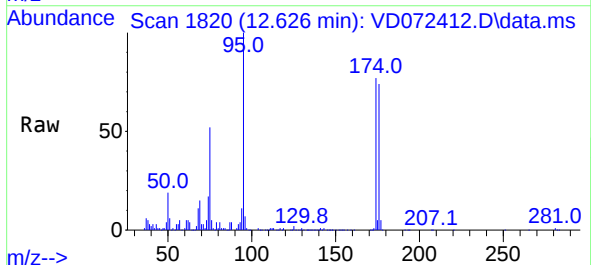
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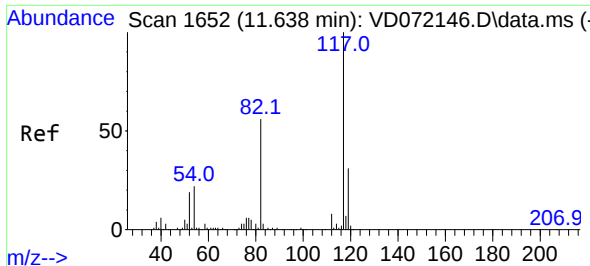
Tgt Ion: 92 Resp: 51772
Ion Ratio Lower Upper
92 100
91 174.2 139.6 209.4



#62
4-Bromofluorobenzene
Concen: 58.854 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072412.D
Acq: 24 Mar 2022 17:19

Tgt Ion: 95 Resp: 379196
Ion Ratio Lower Upper
95 100
174 76.7 0.0 152.8
176 73.5 0.0 145.4

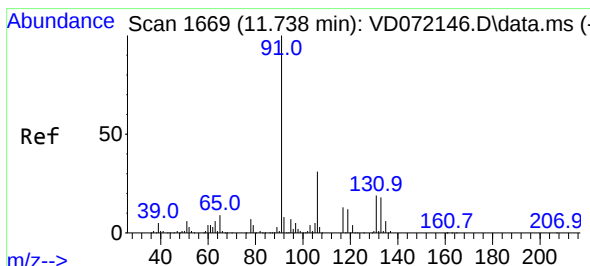
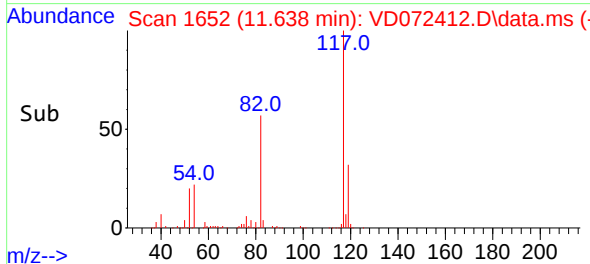
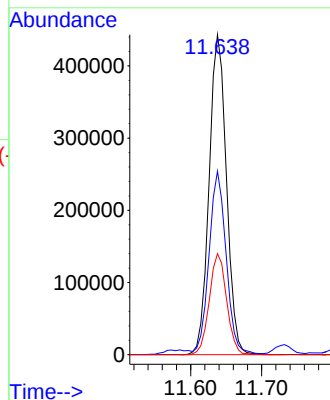
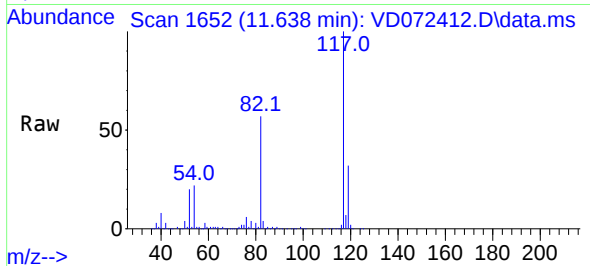




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072412.D
Acq: 24 Mar 2022 17:19

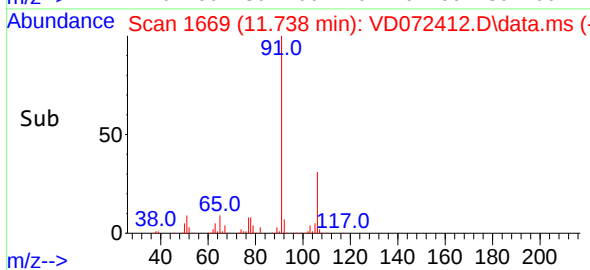
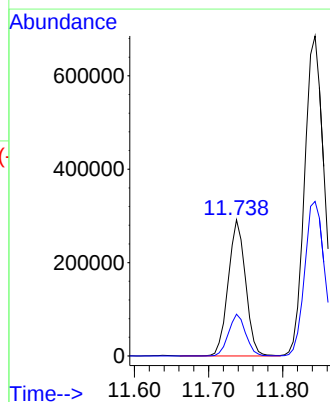
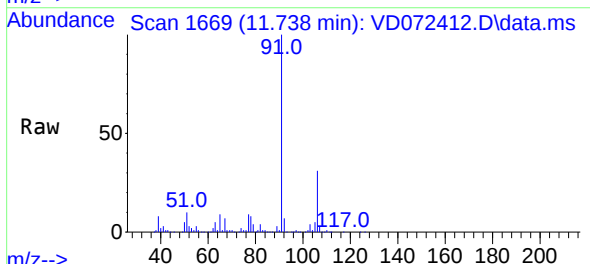
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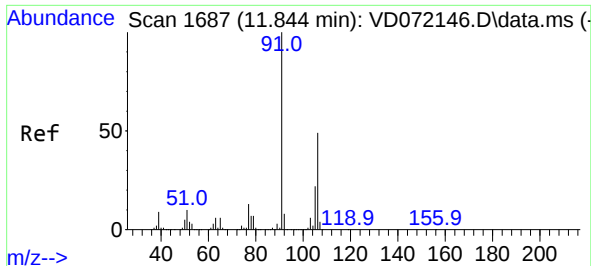
Tgt Ion:117 Resp: 751825
Ion Ratio Lower Upper
117 100
82 55.8 45.3 67.9
119 31.6 26.6 40.0



#67
Ethyl Benzene
Concen: 15.869 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072412.D
Acq: 24 Mar 2022 17:19

Tgt Ion: 91 Resp: 472417
Ion Ratio Lower Upper
91 100
106 30.7 24.2 36.4

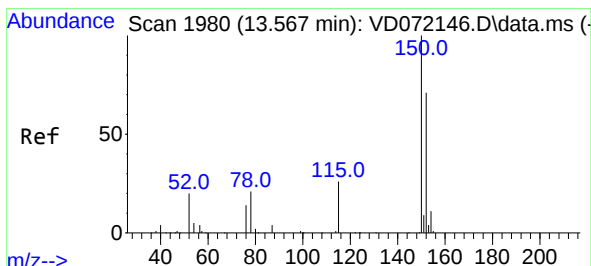
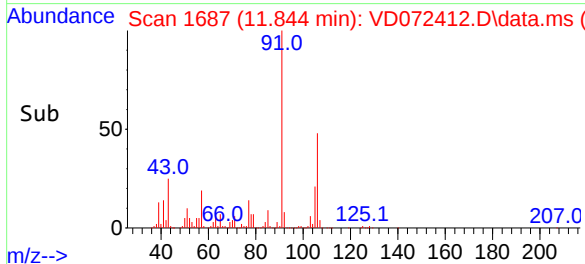
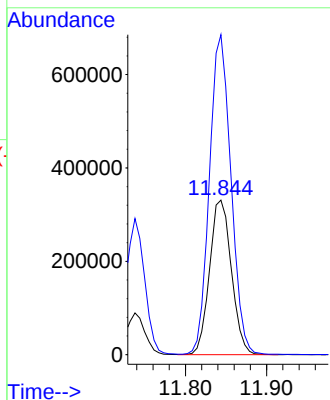
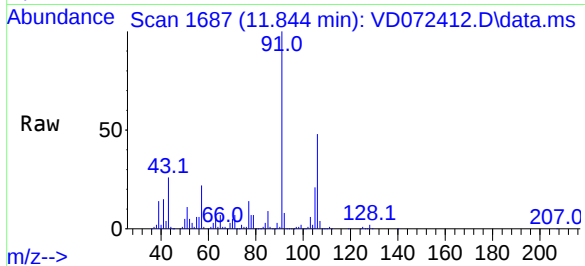




#68
m/p-Xylenes
Concen: 54.764 ug/l
RT: 11.844 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072412.D
Acq: 24 Mar 2022 17:19

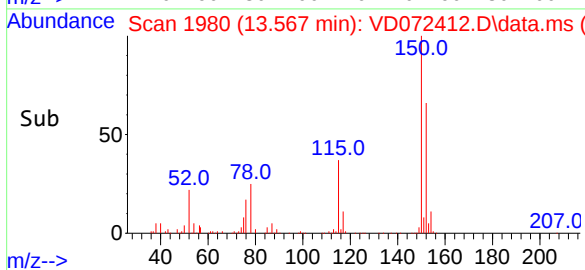
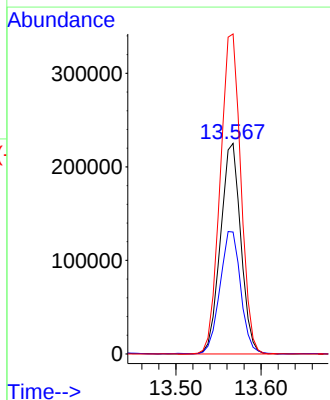
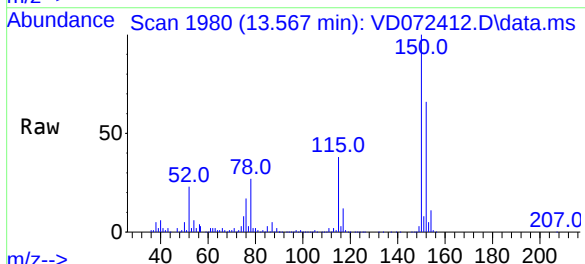
Instrument :
MSVOA_D
ClientSampleId :
CL-01-032322

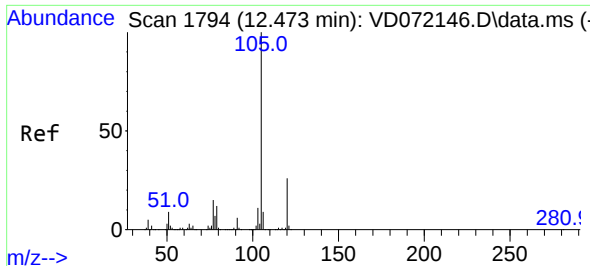
Tgt Ion:106 Resp: 619044
Ion Ratio Lower Upper
106 100
91 204.3 163.7 245.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD072412.D
Acq: 24 Mar 2022 17:19

Tgt Ion:152 Resp: 373641
Ion Ratio Lower Upper
152 100
115 59.6 31.3 93.8
150 154.2 0.0 348.6

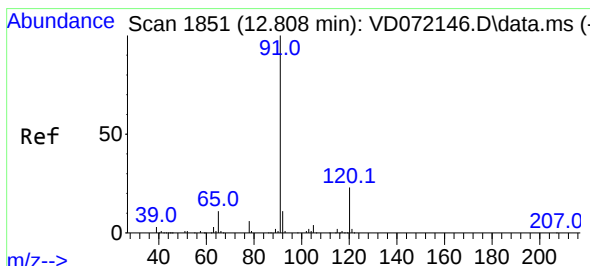
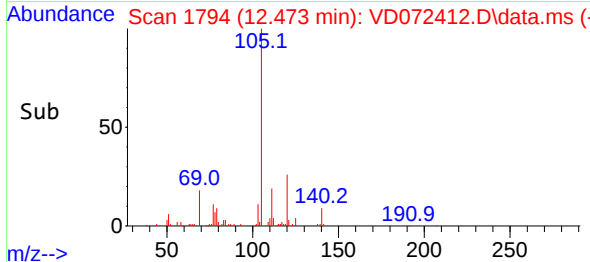
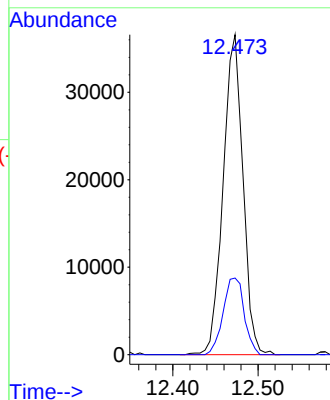
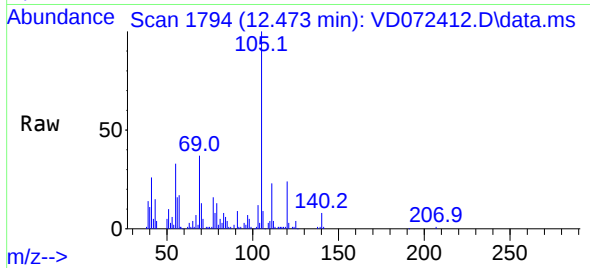




#73
Isopropylbenzene
Concen: 1.994 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD072412.D
Acq: 24 Mar 2022 17:19

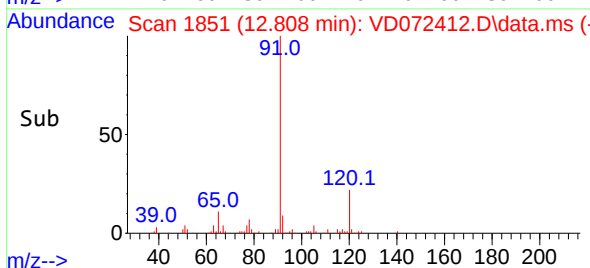
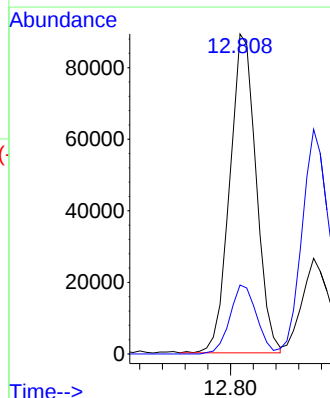
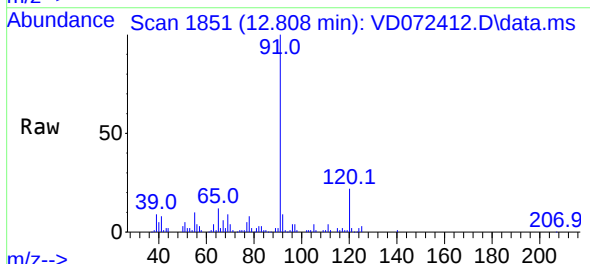
Instrument :
MSVOA_D
ClientSampleId :
CL-01-032322

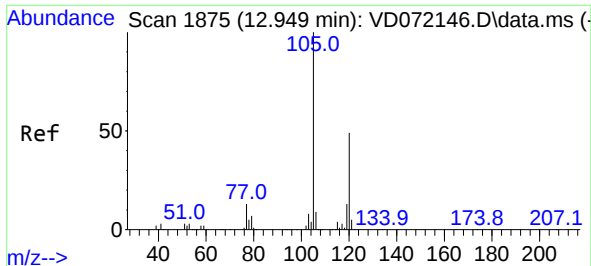
Tgt Ion:105 Resp: 59046
Ion Ratio Lower Upper
105 100
120 25.5 13.0 38.9



#78
n-propylbenzene
Concen: 3.988 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD072412.D
Acq: 24 Mar 2022 17:19

Tgt Ion: 91 Resp: 143426
Ion Ratio Lower Upper
91 100
120 21.8 10.9 32.9

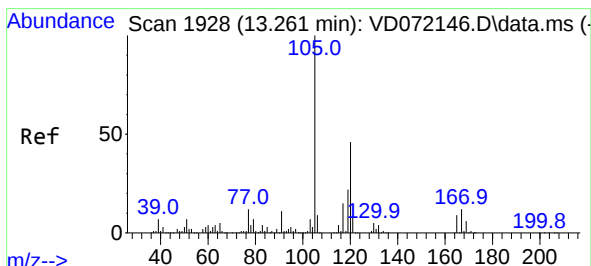
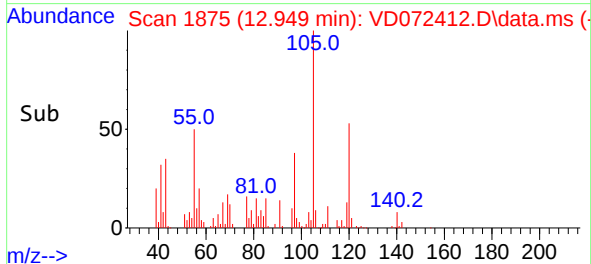
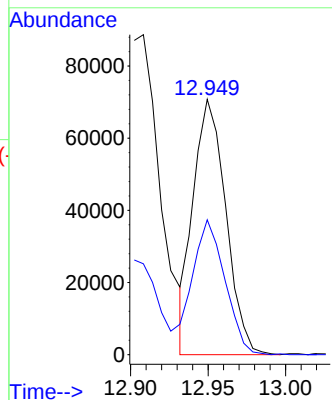
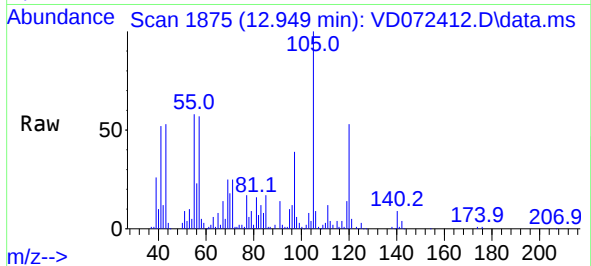




#80
1,3,5-Trimethylbenzene
Concen: 4.062 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072412.D
Acq: 24 Mar 2022 17:19

Instrument :
MSVOA_D
ClientSampleId :
CL-01-032322

Tgt Ion:105 Resp: 103315
Ion Ratio Lower Upper
105 100
120 54.1 24.3 72.8



#84
1,2,4-Trimethylbenzene
Concen: 9.230 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD072412.D
Acq: 24 Mar 2022 17:19

Tgt Ion:105 Resp: 231342
Ion Ratio Lower Upper
105 100
120 44.6 22.3 66.8

