

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040522\
 Data File : VD072536.D
 Acq On : 05 Apr 2022 15:45
 Operator : VA/SY
 Sample : N2254-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-1A-4-1

Quant Time: Apr 06 01:13:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

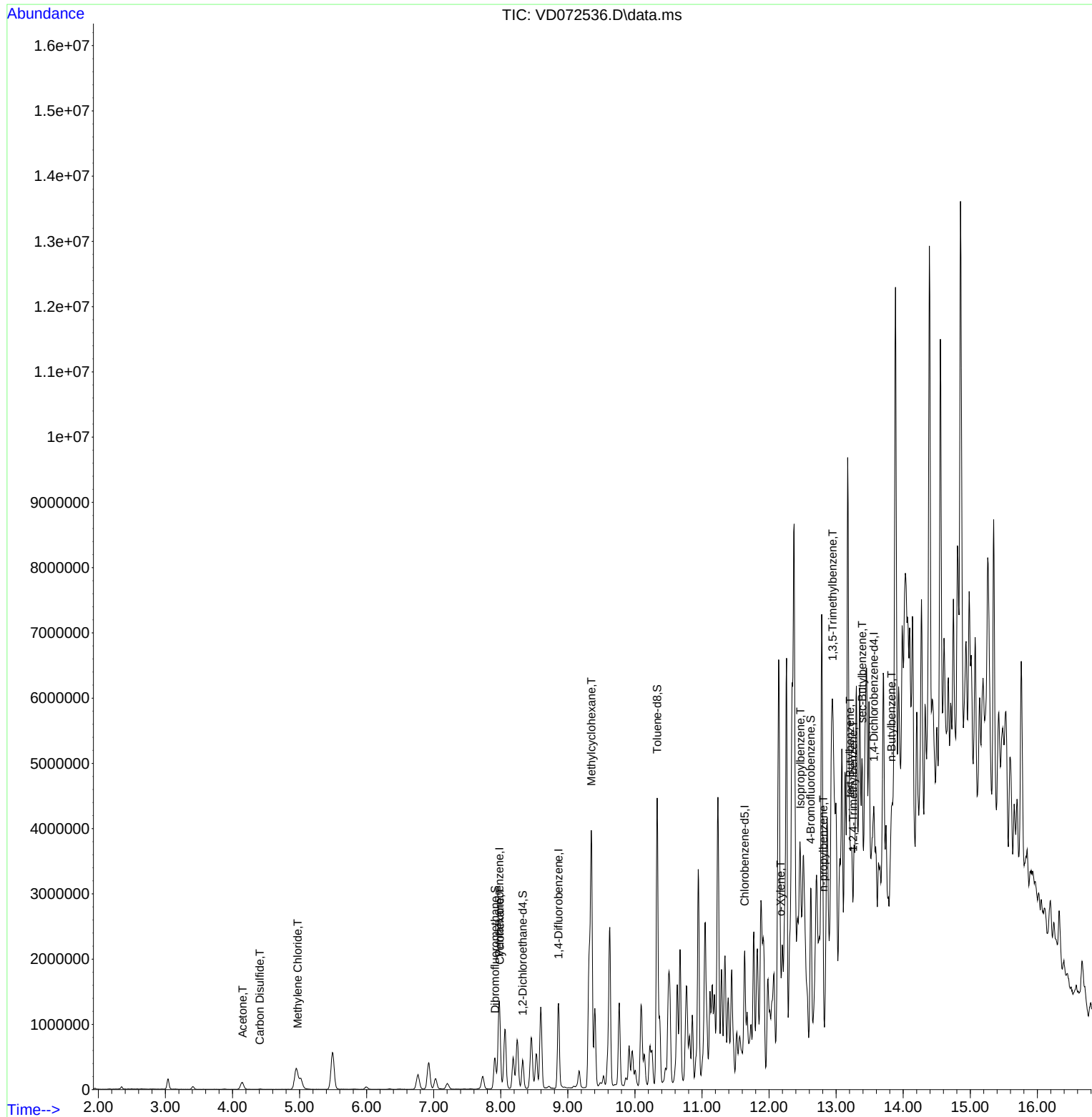
Internal Standards						
1) Pentafluorobenzene	7.979	168	630107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1131733	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	941765	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	391945	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	333217	43.72	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.44%
35) Dibromofluoromethane	7.914	113	351049	39.91	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.82%
50) Toluene-d8	10.332	98	1402337	45.87	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.74%
62) 4-Bromofluorobenzene	12.620	95	542667	45.45	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.90%
Target Compounds						
					Qvalue	
16) Acetone	4.150	43	89243	62.79	ug/l #	81
17) Carbon Disulfide	4.409	76	9452	4.34	ug/l #	67
20) Methylene Chloride	4.973	84	52645	6.22	ug/l #	73
31) Cyclohexane	7.985	56	324400	32.55	ug/l	88
39) Methylcyclohexane	9.350	83	1725693	127.13	ug/l	98
69) o-Xylene	12.173	106	20832	1.55	ug/l	52
73) Isopropylbenzene	12.467	105	358723	11.33	ug/l	99
78) n-propylbenzene	12.808	91	94727	2.48	ug/l	92
80) 1,3,5-Trimethylbenzene	12.949	105	30049	1.11	ug/l	99
83) tert-Butylbenzene	13.208	119	55983	2.39	ug/l	82
84) 1,2,4-Trimethylbenzene	13.255	105	75925	2.86	ug/l	97
85) sec-Butylbenzene	13.390	105	413562	11.70	ug/l #	73
89) n-Butylbenzene	13.826	91	142327	5.17	ug/l #	81

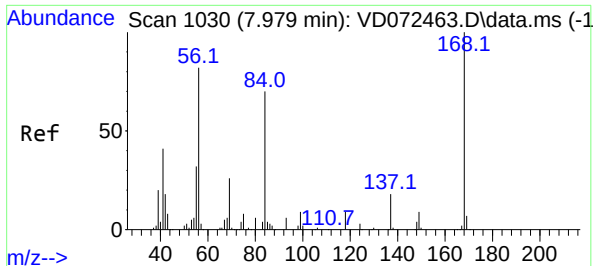
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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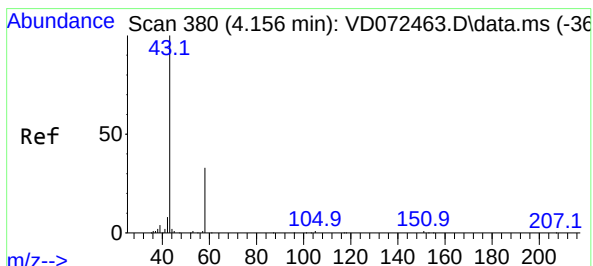
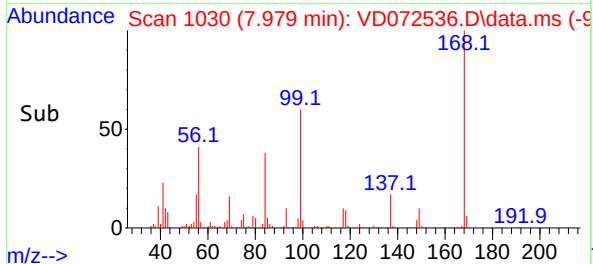
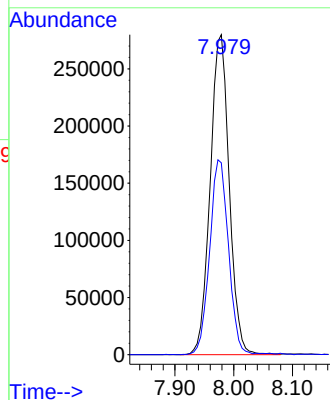
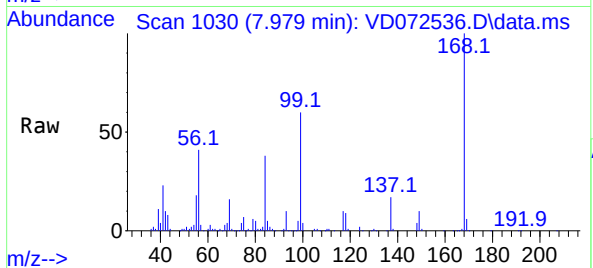




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD072536.D
Acq: 05 Apr 2022 15:45

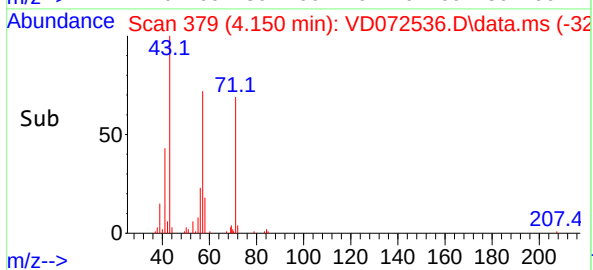
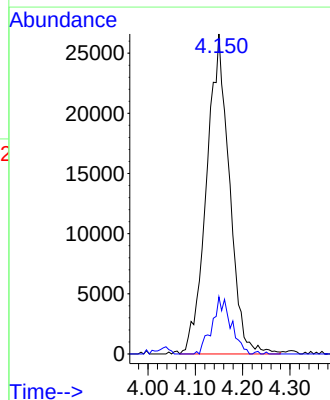
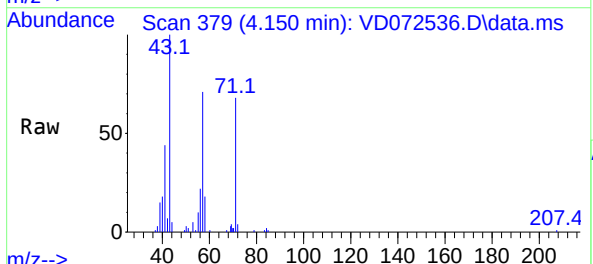
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-1

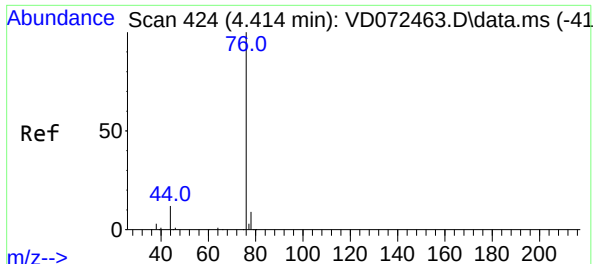
Tgt Ion:168 Resp: 630107
Ion Ratio Lower Upper
168 100
99 59.9 49.8 74.6



#16
Acetone
Concen: 62.79 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD072536.D
Acq: 05 Apr 2022 15:45

Tgt Ion: 43 Resp: 89243
Ion Ratio Lower Upper
43 100
58 17.9 22.1 33.1#

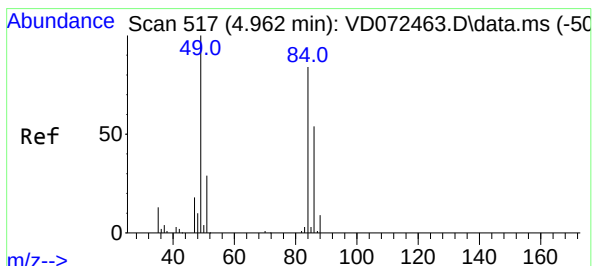
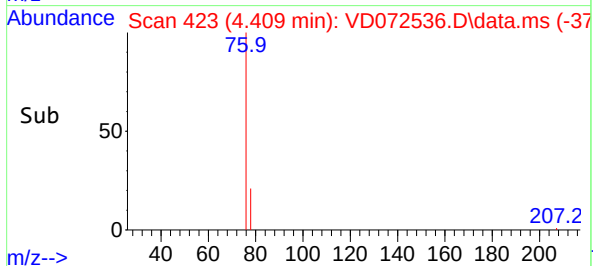
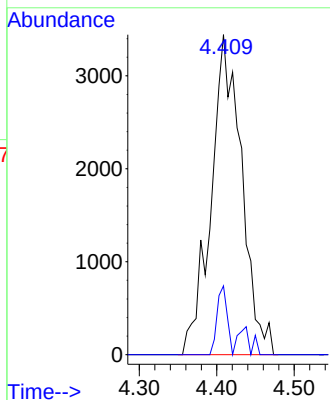
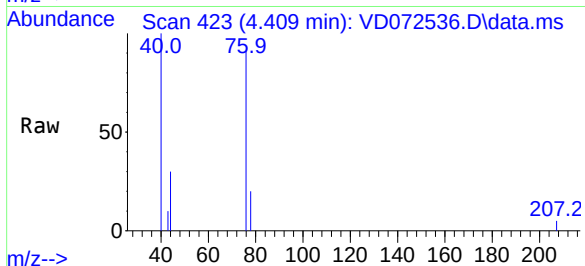




#17
Carbon Disulfide
Concen: 4.34 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD072536.D
Acq: 05 Apr 2022 15:45

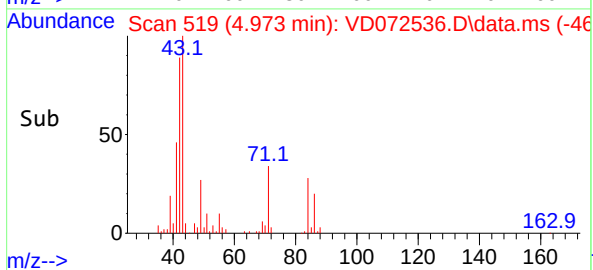
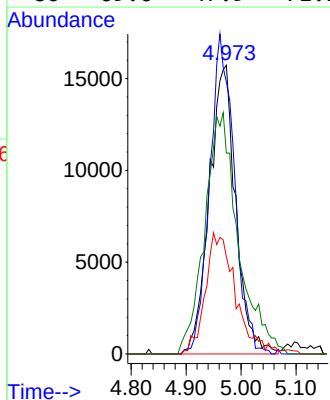
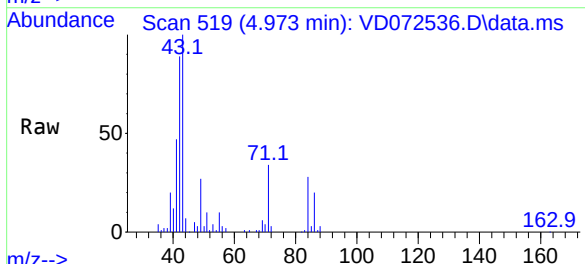
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-1

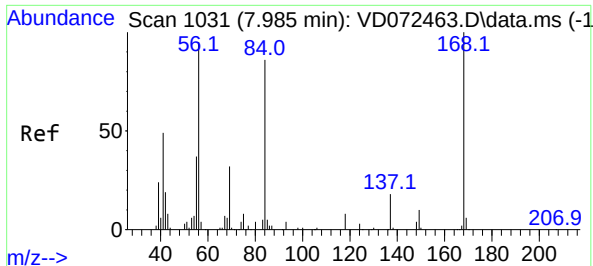
Tgt Ion: 76 Resp: 9452
Ion Ratio Lower Upper
76 100
78 21.5 7.5 11.3#



#20
Methylene Chloride
Concen: 6.22 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.012 min
Lab File: VD072536.D
Acq: 05 Apr 2022 15:45

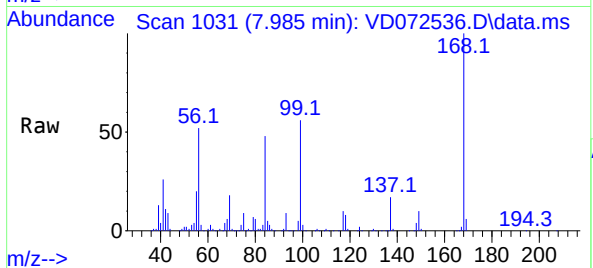
Tgt Ion: 84 Resp: 52645
Ion Ratio Lower Upper
84 100
49 94.2 112.8 169.2#
51 33.6 32.6 48.8
86 69.6 47.9 71.9



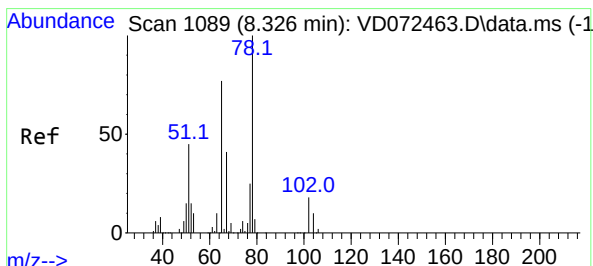
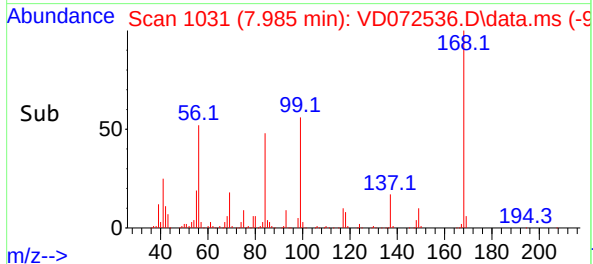
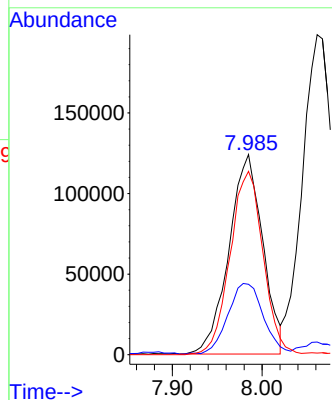


#31
Cyclohexane
Concen: 32.55 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD072536.D
Acq: 05 Apr 2022 15:45

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-1

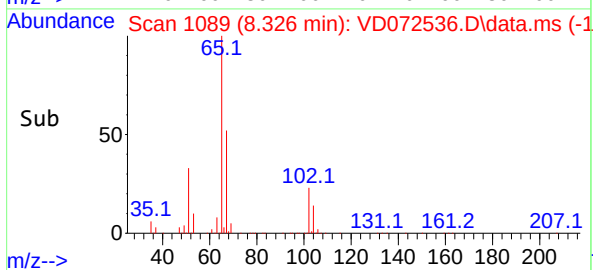
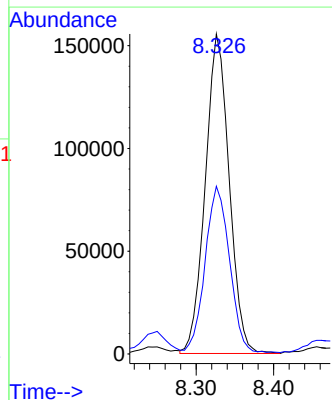
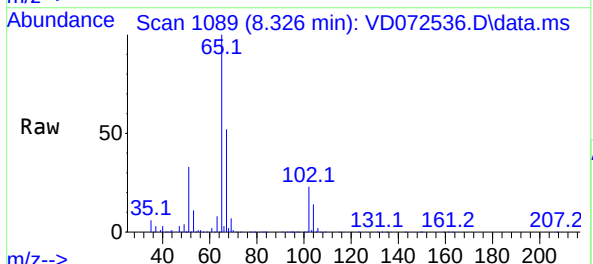


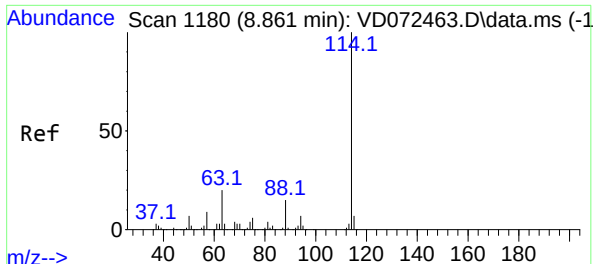
Tgt Ion: 56 Resp: 324400
Ion Ratio Lower Upper
56 100
69 35.0 25.4 38.2
84 91.9 63.0 94.4



#33
1,2-Dichloroethane-d4
Concen: 43.72 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072536.D
Acq: 05 Apr 2022 15:45

Tgt Ion: 65 Resp: 333217
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.4

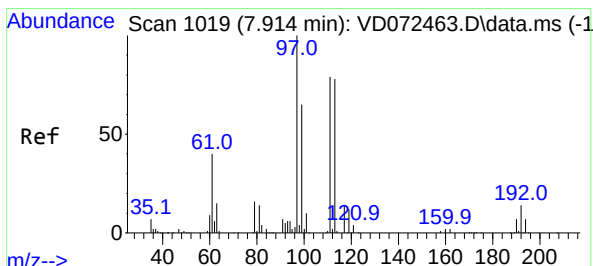
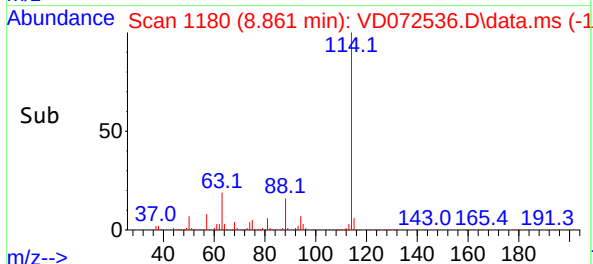
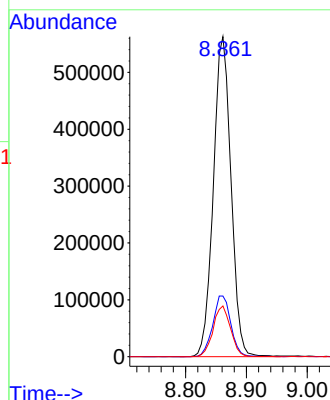
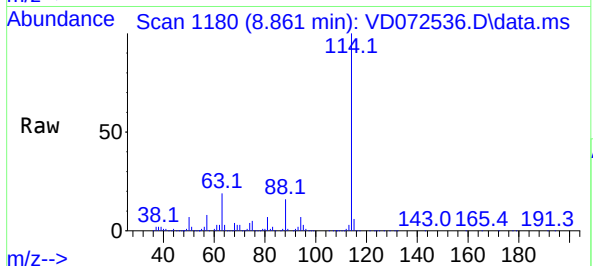




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072536.D
Acq: 05 Apr 2022 15:45

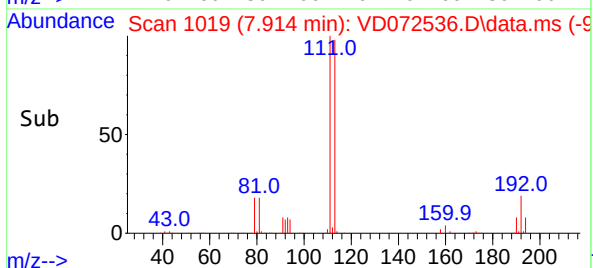
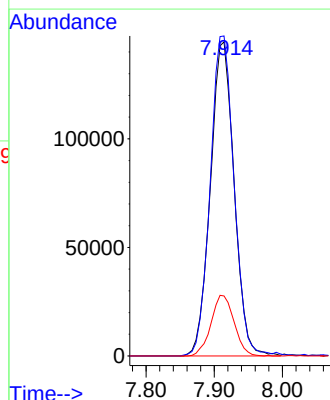
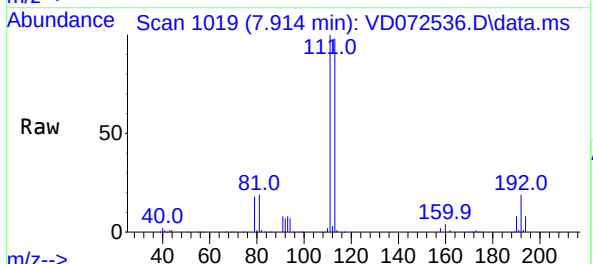
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-1

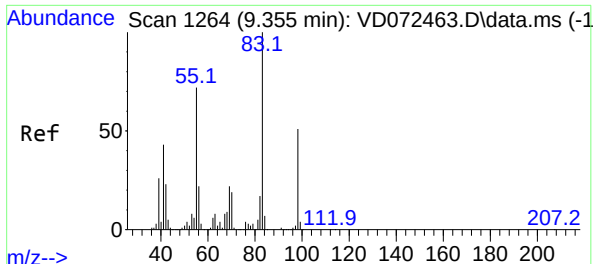
Tgt Ion:114 Resp: 1131733
Ion Ratio Lower Upper
114 100
63 19.0 0.0 46.6
88 15.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 39.91 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD072536.D
Acq: 05 Apr 2022 15:45

Tgt Ion:113 Resp: 351049
Ion Ratio Lower Upper
113 100
111 102.3 83.8 125.6
192 18.7 14.6 21.8

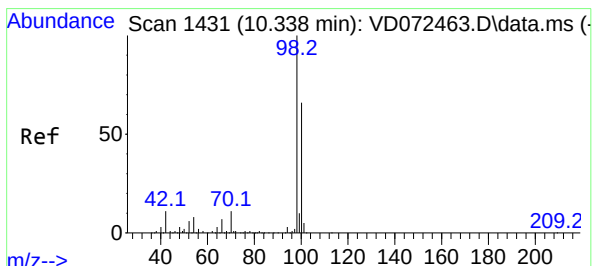
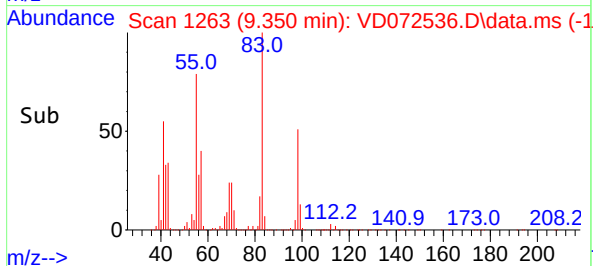
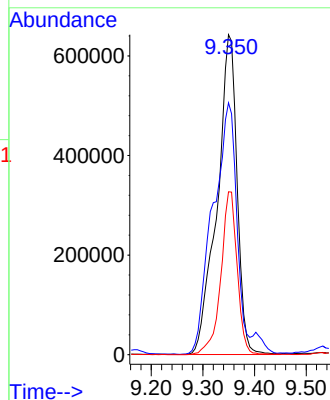
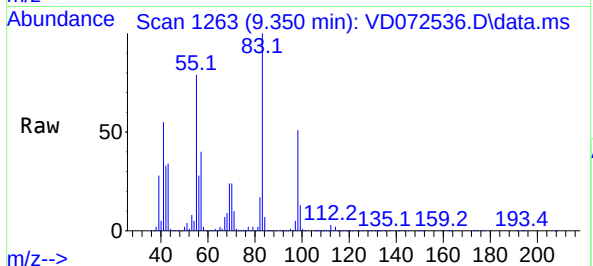




#39
Methylcyclohexane
Concen: 127.13 ug/l
RT: 9.350 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD072536.D
Acq: 05 Apr 2022 15:45

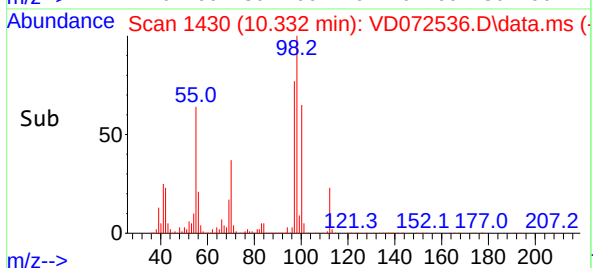
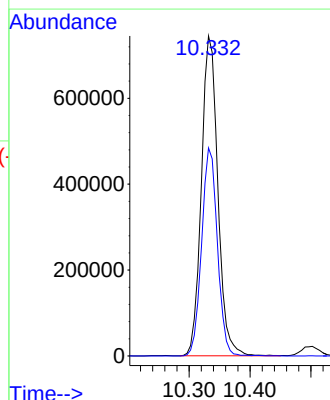
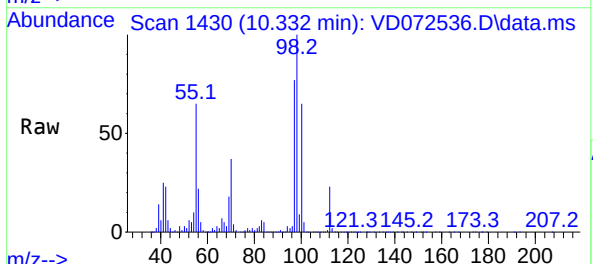
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-1

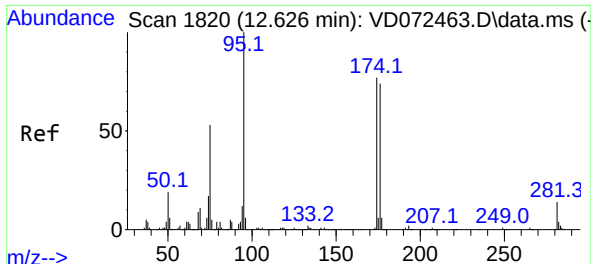
Tgt Ion: 83 Resp: 1725693
Ion Ratio Lower Upper
83 100
55 78.7 63.2 94.8
98 50.9 38.2 57.4



#50
Toluene-d8
Concen: 45.87 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072536.D
Acq: 05 Apr 2022 15:45

Tgt Ion: 98 Resp: 1402337
Ion Ratio Lower Upper
98 100
100 62.0 52.4 78.6

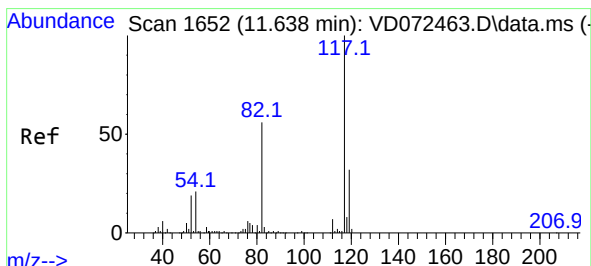
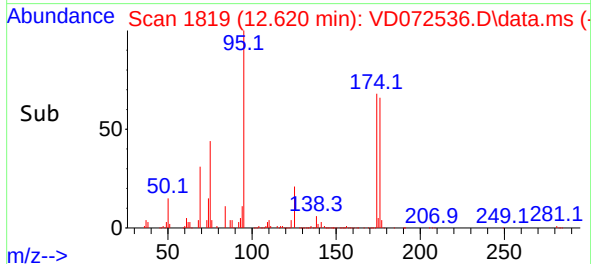
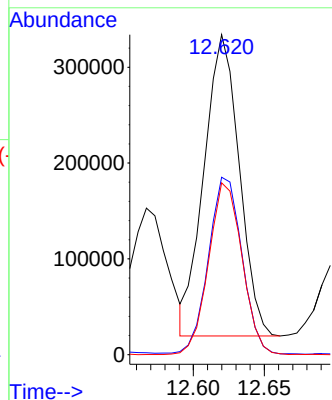
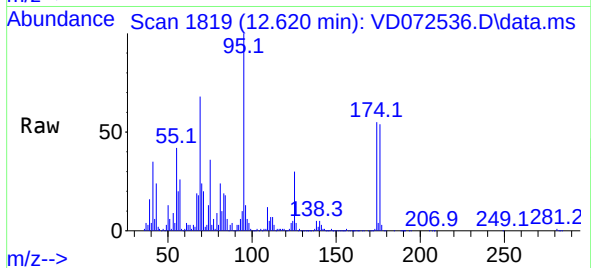




#62
4-Bromofluorobenzene
Concen: 45.45 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072536.D
Acq: 05 Apr 2022 15:45

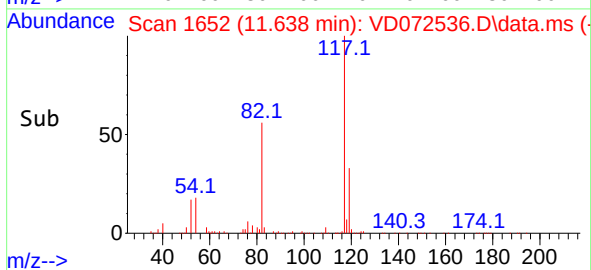
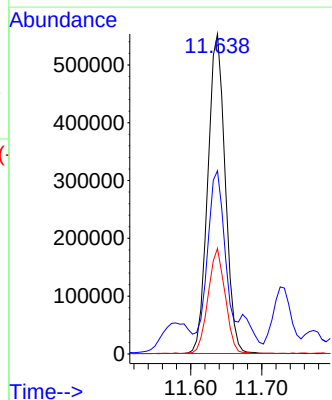
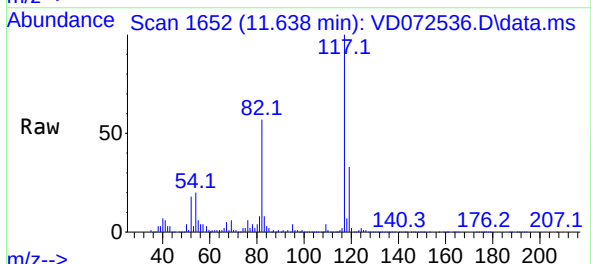
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WC-14A-1A-4-1

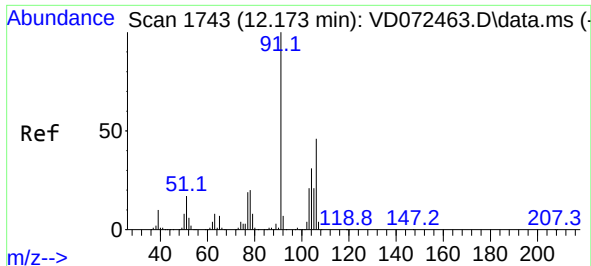
Tgt Ion: 95 Resp: 542667
Ion Ratio Lower Upper
95 100
174 56.1 0.0 152.8
176 54.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072536.D
Acq: 05 Apr 2022 15:45

Tgt Ion: 117 Resp: 941765
Ion Ratio Lower Upper
117 100
82 48.0 45.3 67.9
119 32.9 26.6 40.0

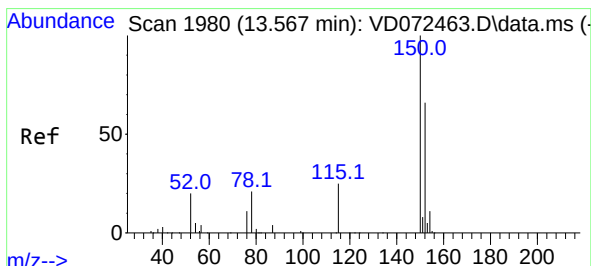
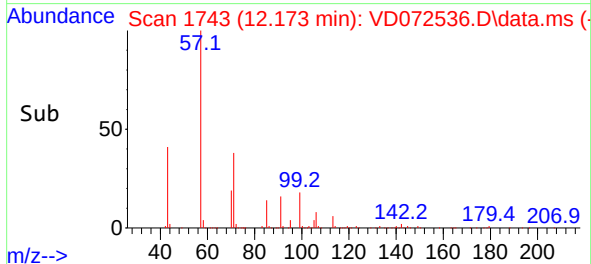
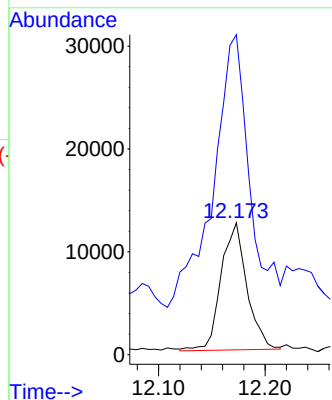
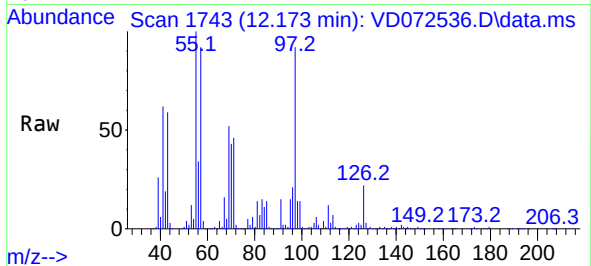




#69
o-Xylene
Concen: 1.55 ug/l
RT: 12.173 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD072536.D
Acq: 05 Apr 2022 15:45

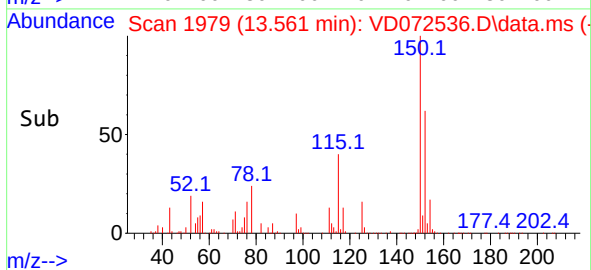
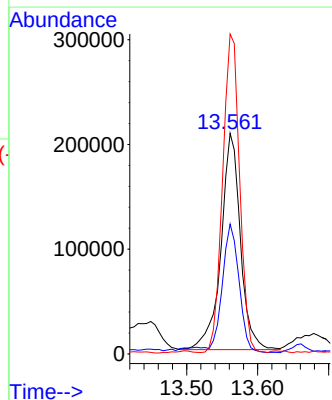
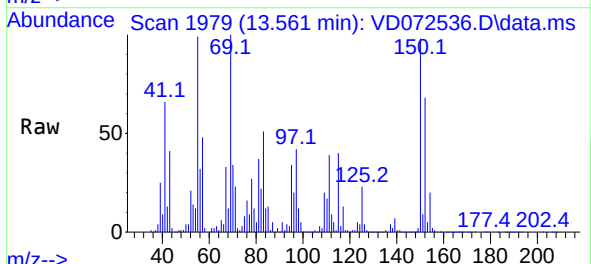
Instrument :
MSVOA_D
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WC-14A-1A-4-1

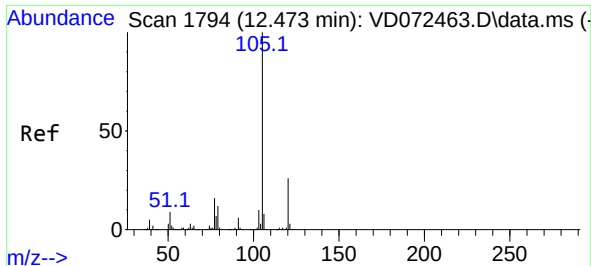
Tgt Ion:106 Resp: 20832
Ion Ratio Lower Upper
106 100
91 298.8 110.4 331.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072536.D
Acq: 05 Apr 2022 15:45

Tgt Ion:152 Resp: 391945
Ion Ratio Lower Upper
152 100
115 50.9 31.3 93.8
150 128.2 0.0 348.6

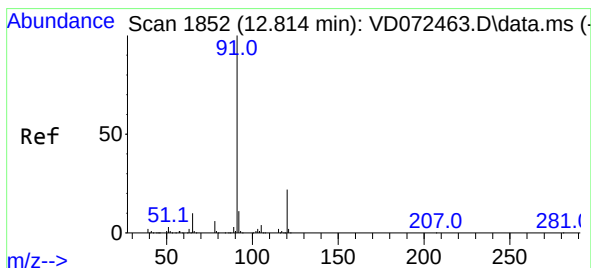
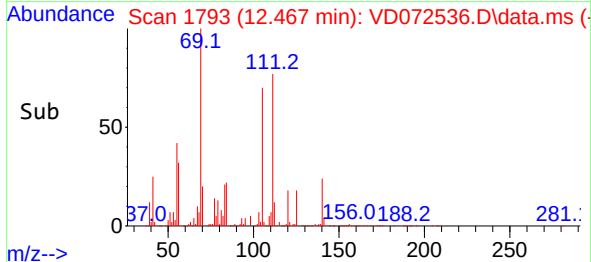
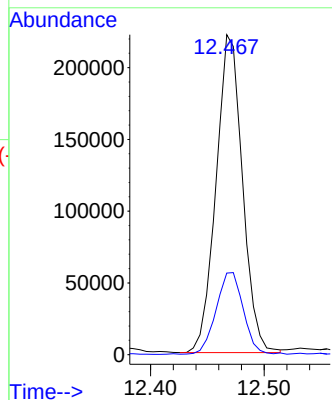
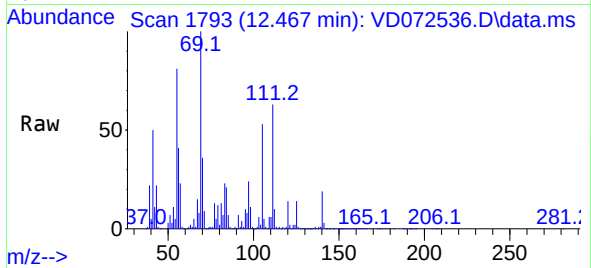




#73
Isopropylbenzene
Concen: 11.33 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD072536.D
Acq: 05 Apr 2022 15:45

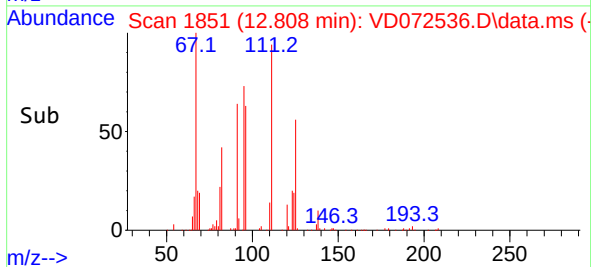
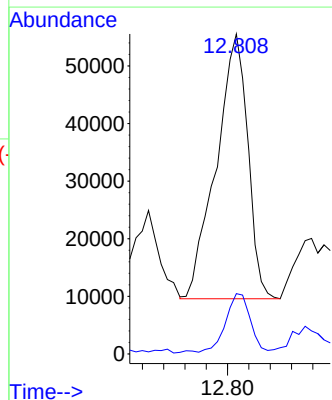
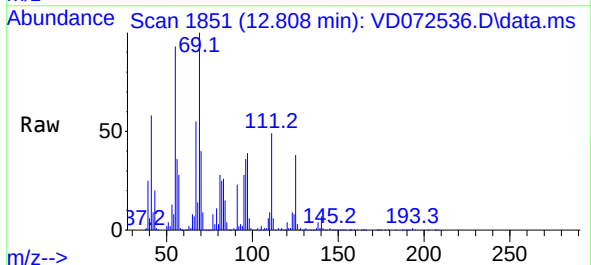
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-1

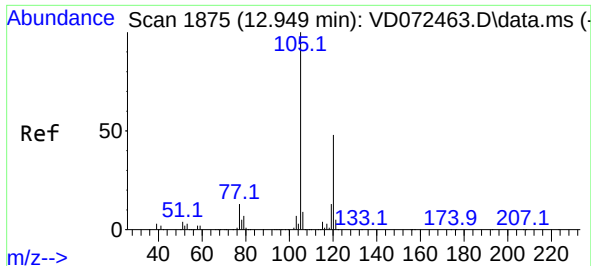
Tgt Ion:105 Resp: 358723
Ion Ratio Lower Upper
105 100
120 26.6 13.0 38.9



#78
n-propylbenzene
Concen: 2.48 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD072536.D
Acq: 05 Apr 2022 15:45

Tgt Ion: 91 Resp: 94727
Ion Ratio Lower Upper
91 100
120 18.0 10.9 32.9

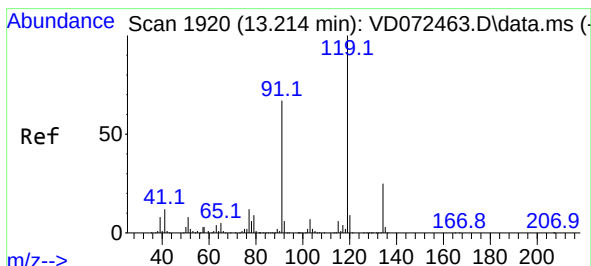
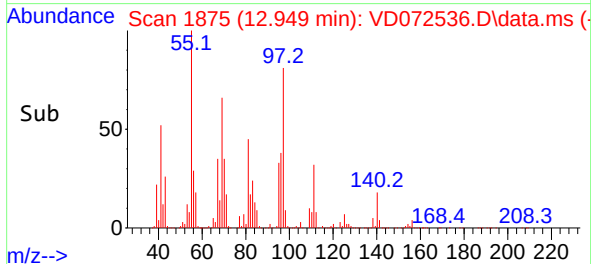
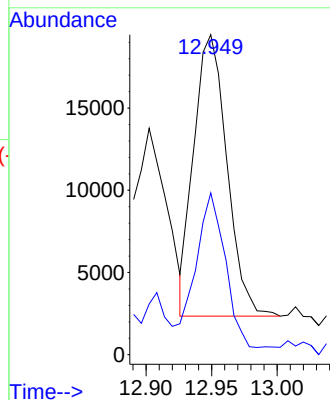
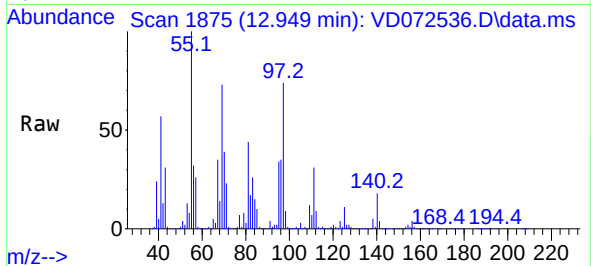




#80
1,3,5-Trimethylbenzene
Concen: 1.11 ug/l
RT: 12.949 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072536.D
Acq: 05 Apr 2022 15:45

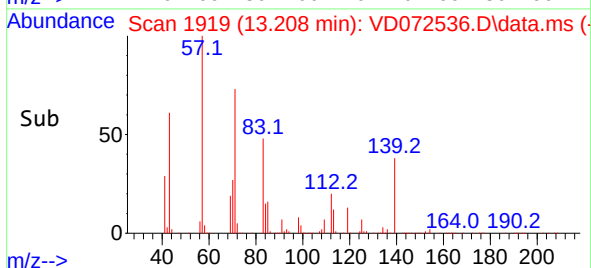
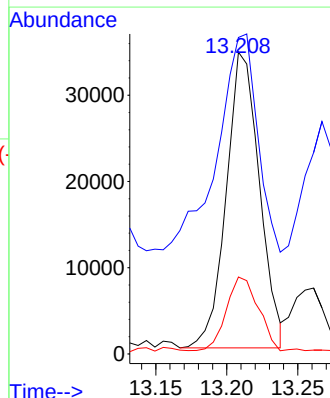
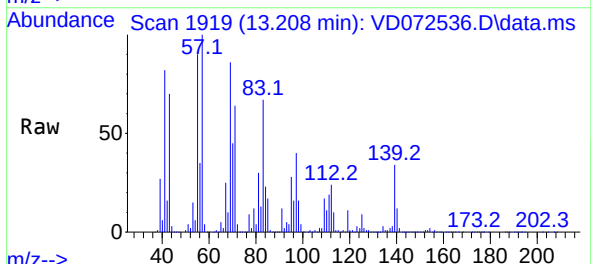
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-1

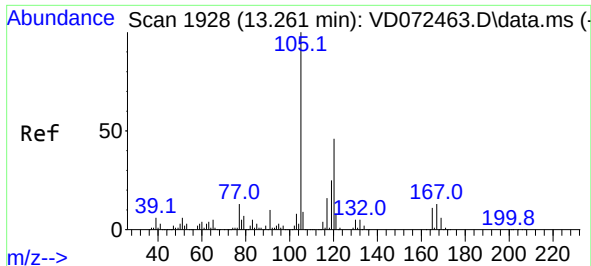
Tgt Ion:105 Resp: 30049
Ion Ratio Lower Upper
105 100
120 49.0 24.3 72.8



#83
tert-Butylbenzene
Concen: 2.39 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.006 min
Lab File: VD072536.D
Acq: 05 Apr 2022 15:45

Tgt Ion:119 Resp: 55983
Ion Ratio Lower Upper
119 100
91 88.1 34.8 104.5
134 24.0 13.3 39.9

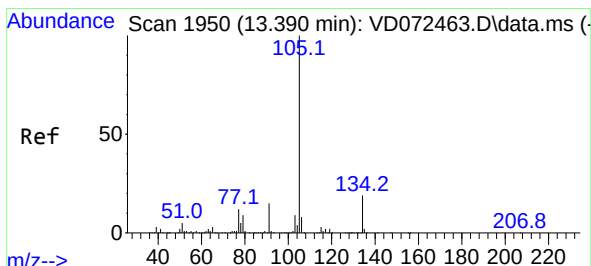
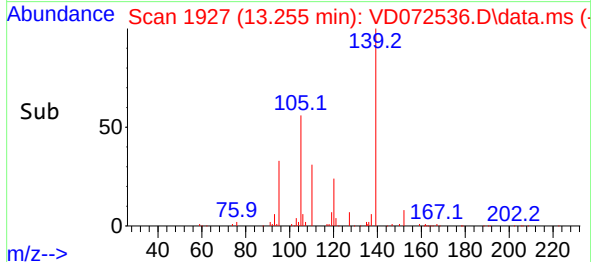
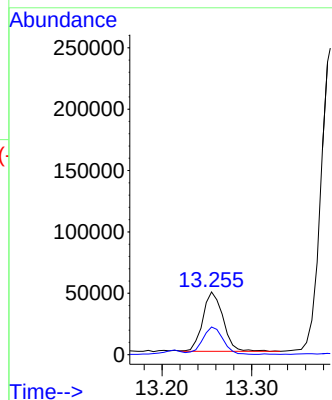
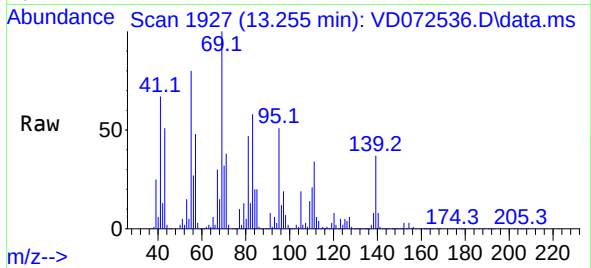




#84
1,2,4-Trimethylbenzene
Concen: 2.86 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072536.D
Acq: 05 Apr 2022 15:45

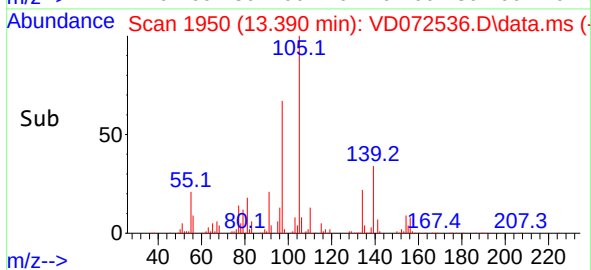
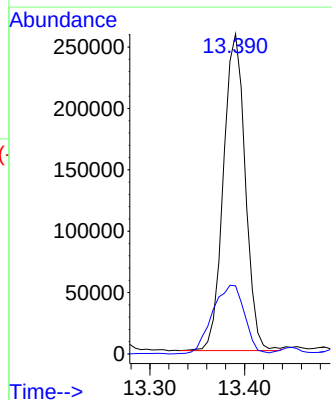
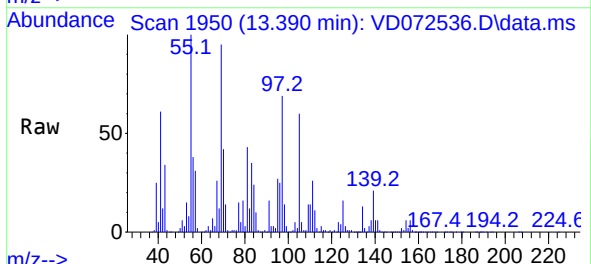
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-1

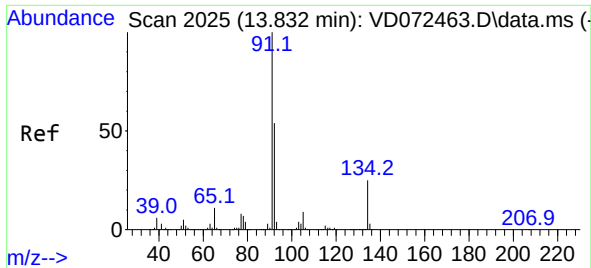
Tgt Ion:105 Resp: 75925
Ion Ratio Lower Upper
105 100
120 46.6 22.3 66.8



#85
sec-Butylbenzene
Concen: 11.70 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VD072536.D
Acq: 05 Apr 2022 15:45

Tgt Ion:105 Resp: 413562
Ion Ratio Lower Upper
105 100
134 31.9 9.8 29.3#





#89

n-Butylbenzene

Concen: 5.17 ug/l

RT: 13.826 min Scan# 20

Delta R.T. -0.006 min

Lab File: VD072536.D

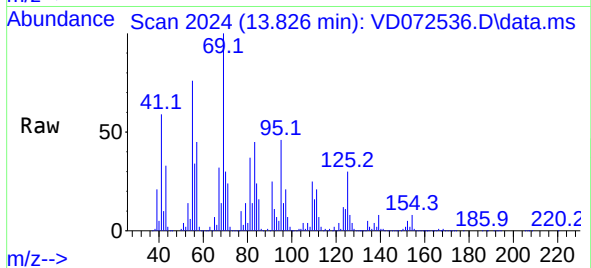
Acq: 05 Apr 2022 15:45

Instrument :

MSVOA_D

ClientSampleId :

WC-14A-1A-4-1



Tgt Ion: 91 Resp: 142327

Ion Ratio Lower Upper

91 100

92 46.8 26.6 79.8

134 44.4 12.3 36.9#

