

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032322\
 Data File : VD072392.D
 Acq On : 23 Mar 2022 19:05
 Operator : VA/SY
 Sample : N2077-05
 Misc : 4.22G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-3-1-(3.0-3.5)

Quant Time: Apr 07 02:10:43 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)

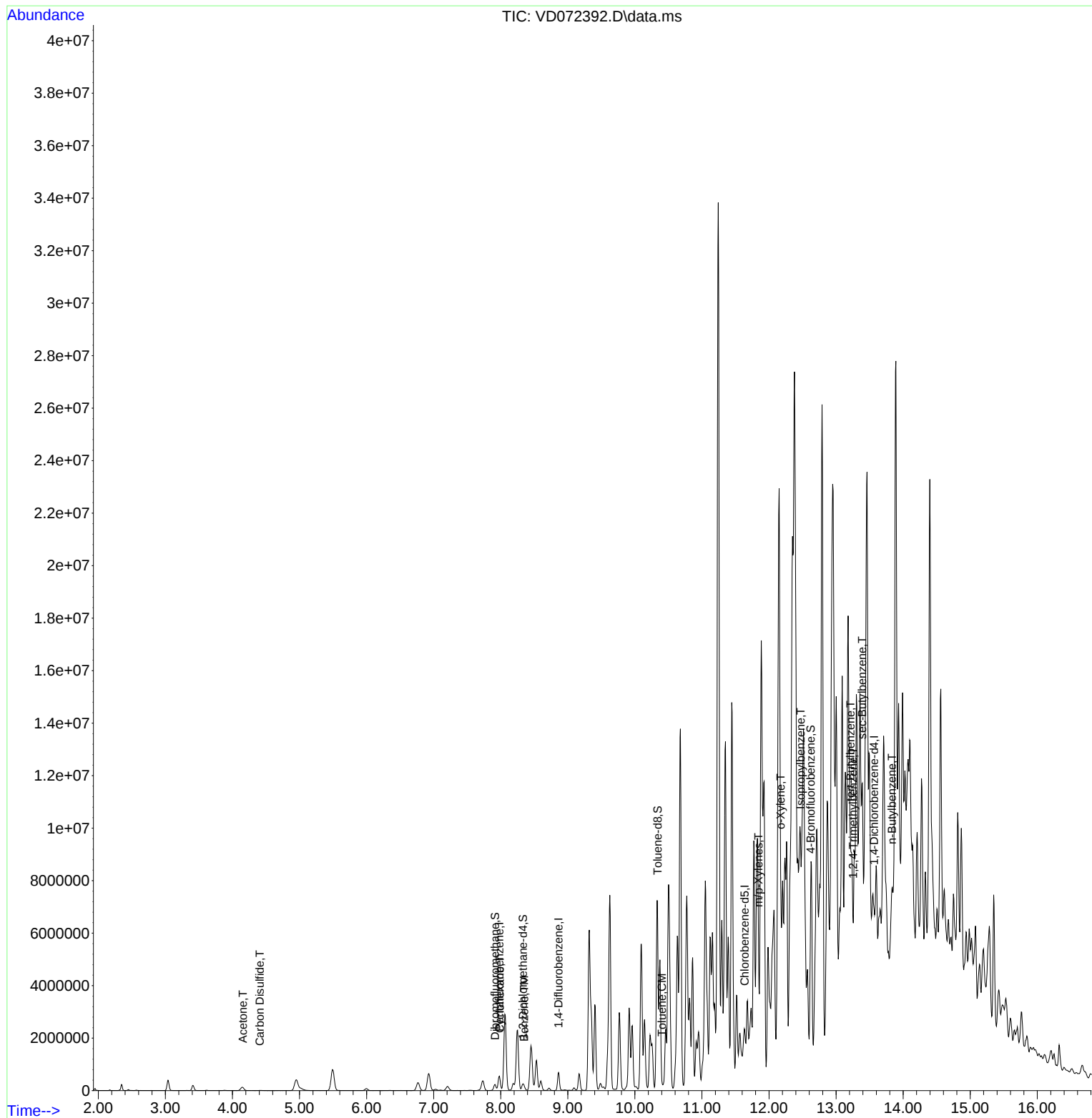
Internal Standards						
1) Pentafluorobenzene	7.979	168	327125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	553092	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	574067	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	355631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	160522	44.031	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.060%		
35) Dibromofluoromethane	7.914	113	165190	42.442	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	84.880%		
50) Toluene-d8	10.338	98	984878	69.203	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	138.400%		
62) 4-Bromofluorobenzene	12.620	95	750355	135.693	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	271.380%#		
Target Compounds						
16) Acetone	4.156	43	126121	159.337	ug/l #	83
17) Carbon Disulfide	4.409	76	14433	3.497	ug/l	99
31) Cyclohexane	7.985	56	66447	11.666	ug/l #	86
40) Benzene	8.350	78	107506	6.901	ug/l	97
52) Toluene	10.403	92	35287	3.443	ug/l	94
68) m/p-Xylenes	11.844	106	44193	5.120	ug/l #	49
69) o-Xylene	12.173	106	16684	2.021	ug/l #	1
73) Isopropylbenzene	12.473	105	147634	5.239	ug/l	97
83) tert-Butylbenzene	13.214	119	195178	9.195	ug/l	79
84) 1,2,4-Trimethylbenzene	13.255	105	45547	1.909	ug/l	96
85) sec-Butylbenzene	13.391	105	723009	22.682	ug/l #	46
89) n-Butylbenzene	13.832	91	264648	10.585	ug/l	97

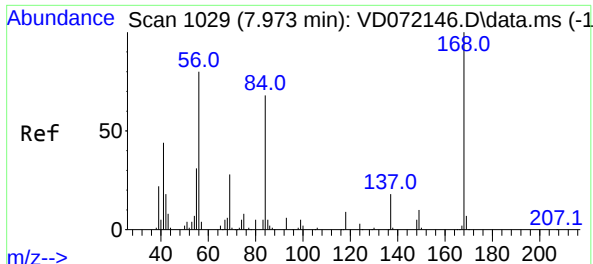
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD072392.D
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WC-14A-3-1-(3.0-3.5)

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Quant Title : SW846 8260
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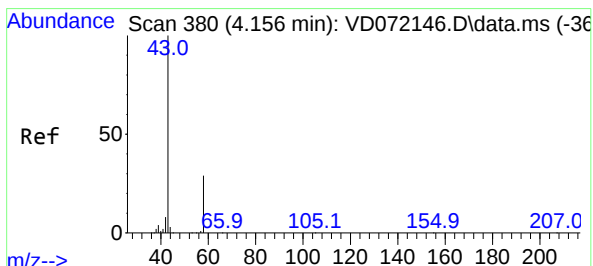
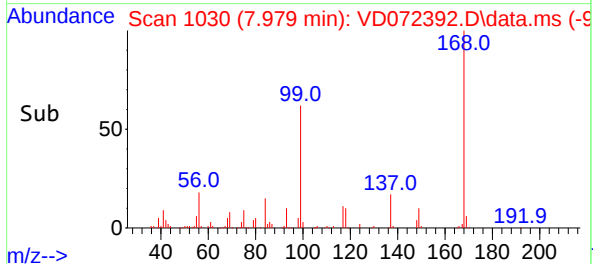
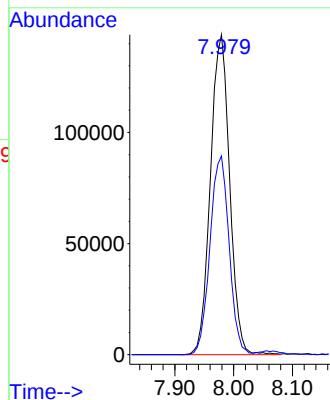
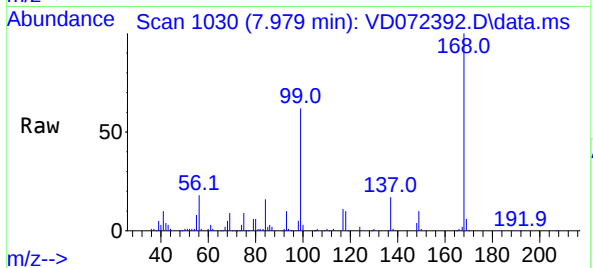




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072392.D
Acq: 23 Mar 2022 19:05

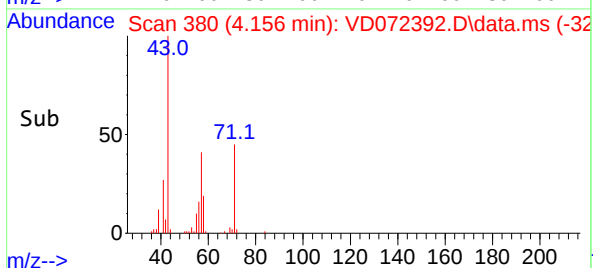
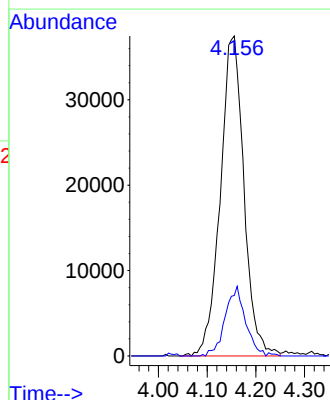
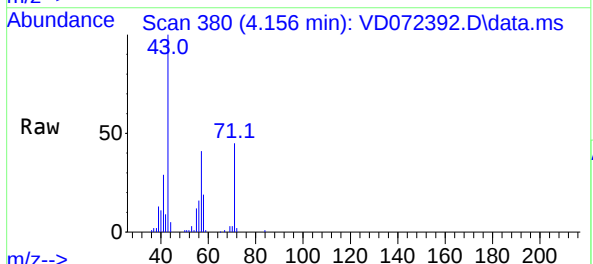
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-1-(3.0-3.5)

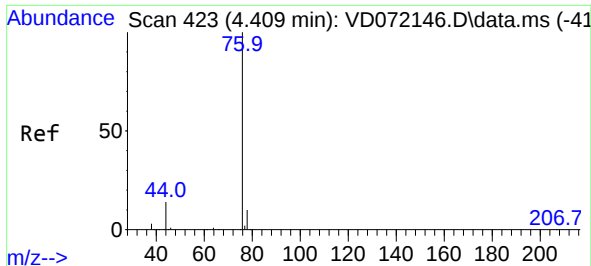
Tgt Ion:168 Resp: 327125
Ion Ratio Lower Upper
168 100
99 62.1 49.8 74.6



#16
Acetone
Concen: 159.337 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD072392.D
Acq: 23 Mar 2022 19:05

Tgt Ion: 43 Resp: 126121
Ion Ratio Lower Upper
43 100
58 18.9 22.1 33.1#

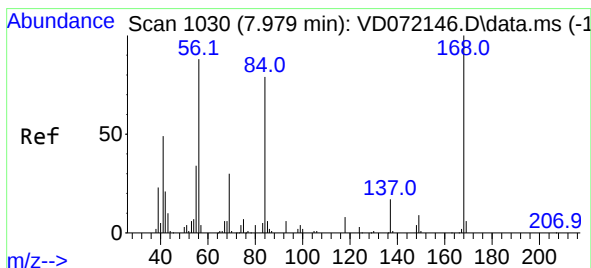
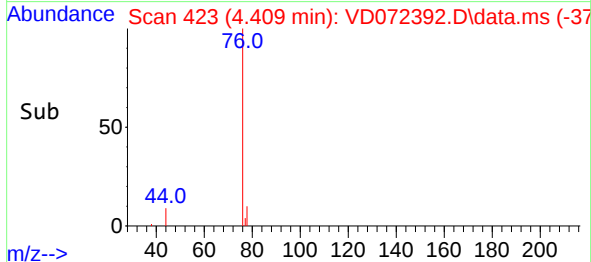
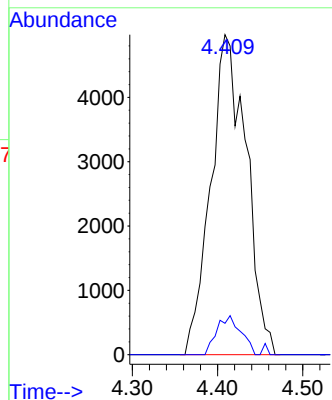
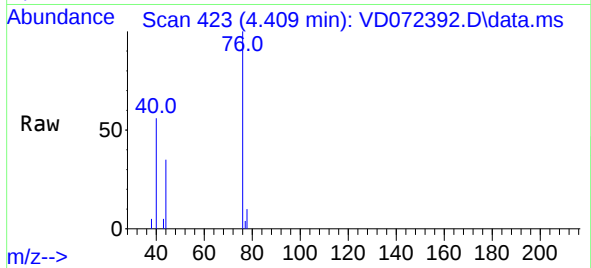




#17
Carbon Disulfide
Concen: 3.497 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072392.D
Acq: 23 Mar 2022 19:05

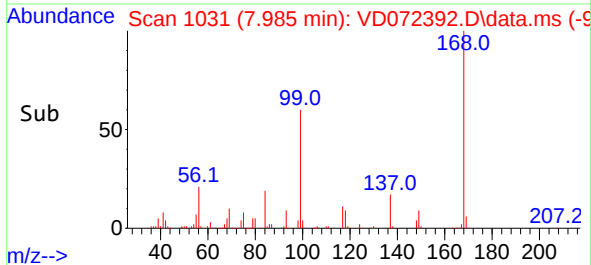
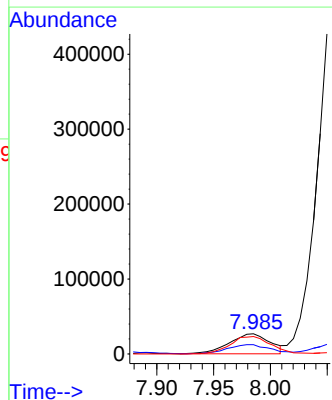
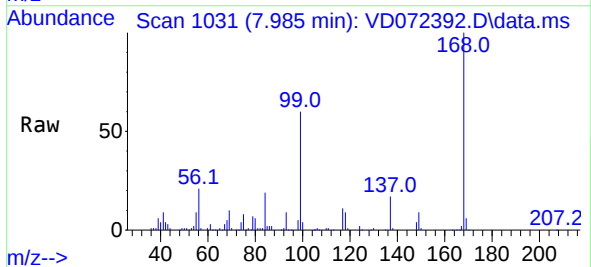
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-1-(3.0-3.5)

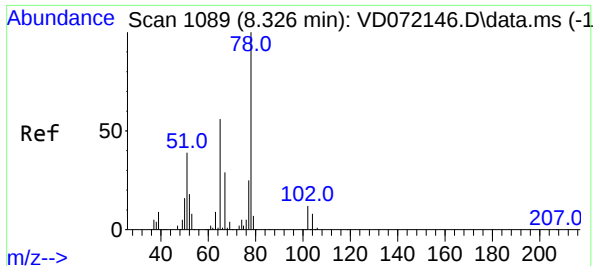
Tgt Ion: 76 Resp: 14433
Ion Ratio Lower Upper
76 100
78 9.8 7.5 11.3



#31
Cyclohexane
Concen: 11.666 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD072392.D
Acq: 23 Mar 2022 19:05

Tgt Ion: 56 Resp: 66447
Ion Ratio Lower Upper
56 100
69 44.6 25.4 38.2#
84 87.3 63.0 94.4

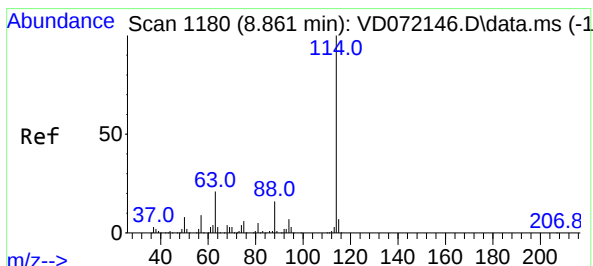
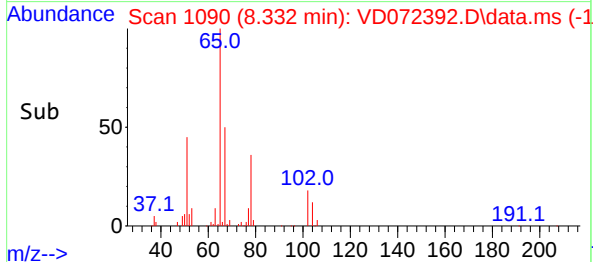
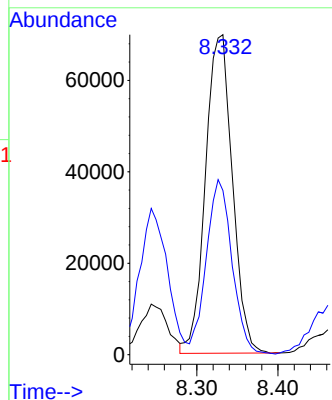
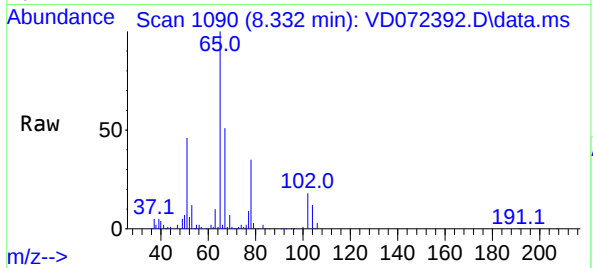




#33
 1,2-Dichloroethane-d4
 Concen: 44.031 ug/l
 RT: 8.332 min Scan# 1089
 Delta R.T. 0.006 min
 Lab File: VD072392.D
 Acq: 23 Mar 2022 19:05

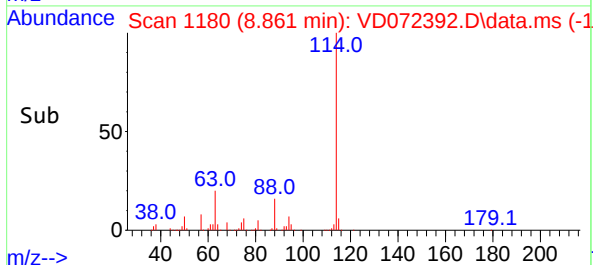
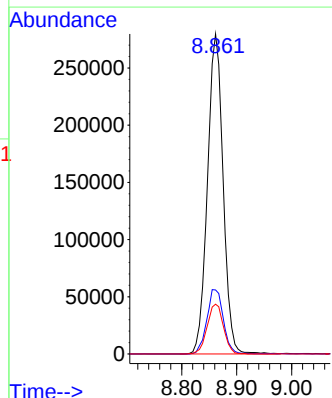
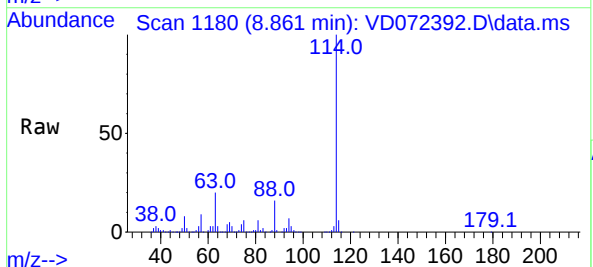
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-3-1-(3.0-3.5)

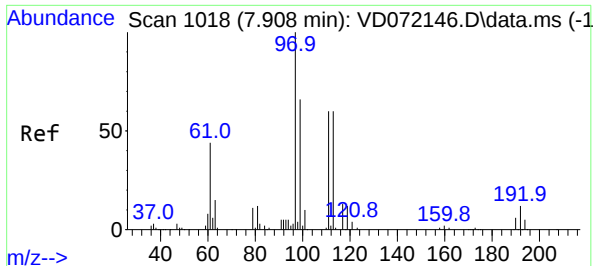
Tgt Ion: 65 Resp: 160522
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.861 min Scan# 1180
 Delta R.T. 0.000 min
 Lab File: VD072392.D
 Acq: 23 Mar 2022 19:05

Tgt Ion: 114 Resp: 553092
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 46.6
 88 15.6 0.0 33.2

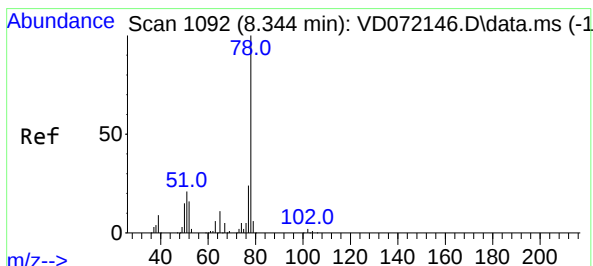
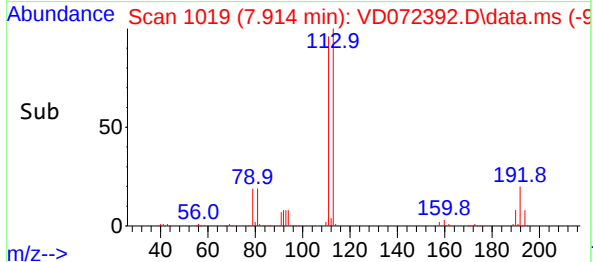
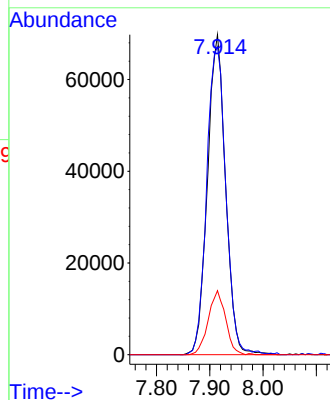
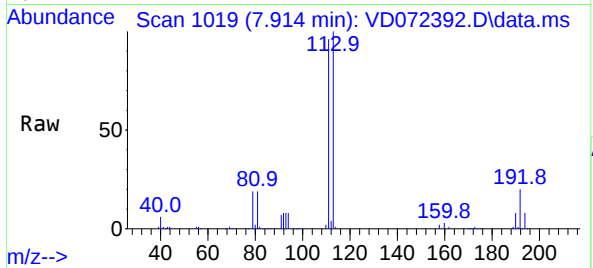




#35
Dibromofluoromethane
Concen: 42.442 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072392.D
Acq: 23 Mar 2022 19:05

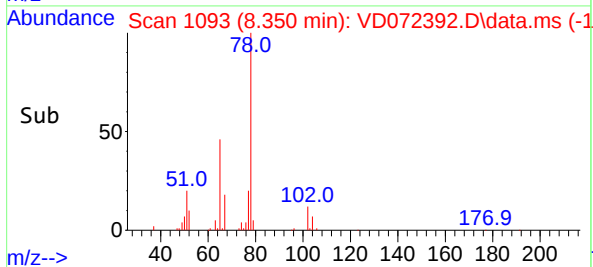
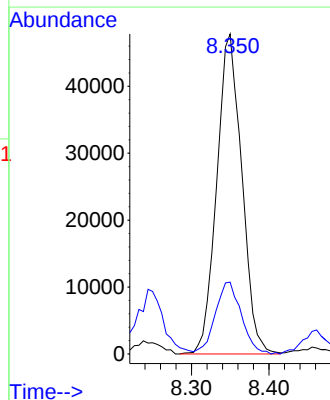
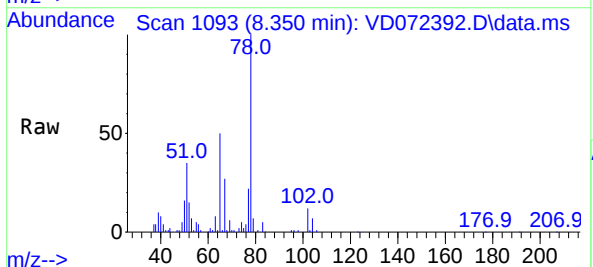
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-1-(3.0-3.5)

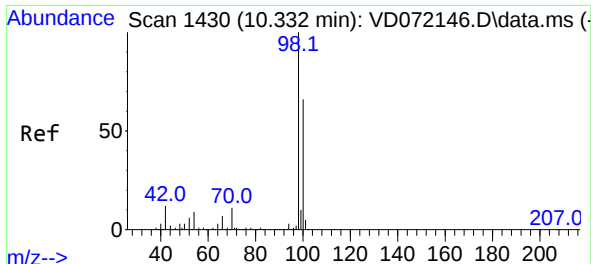
Tgt Ion:113 Resp: 165190
Ion Ratio Lower Upper
113 100
111 101.6 83.8 125.6
192 19.1 14.6 21.8



#40
Benzene
Concen: 6.901 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VD072392.D
Acq: 23 Mar 2022 19:05

Tgt Ion: 78 Resp: 107506
Ion Ratio Lower Upper
78 100
77 22.5 19.1 28.7

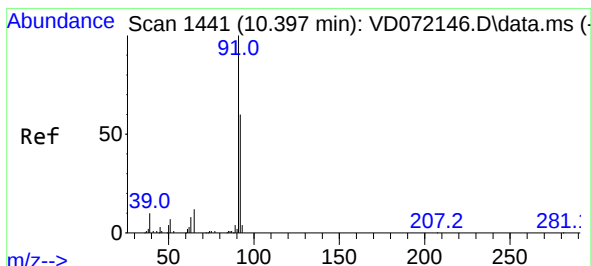
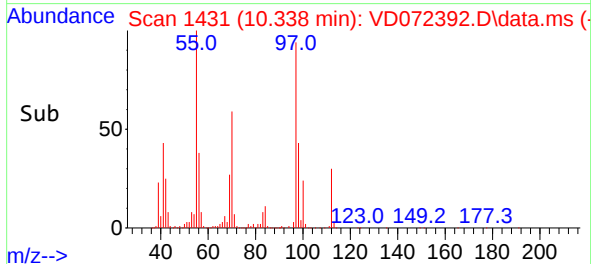
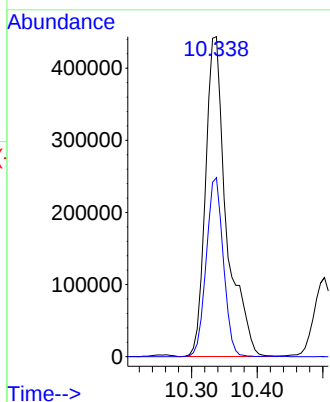
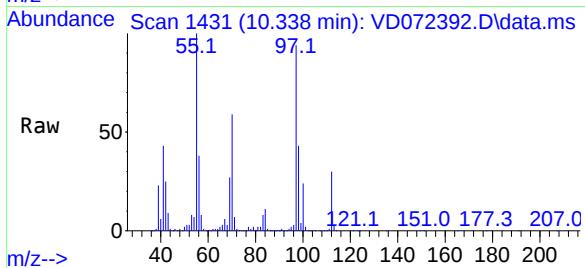




#50
Toluene-d8
Concen: 69.203 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072392.D
Acq: 23 Mar 2022 19:05

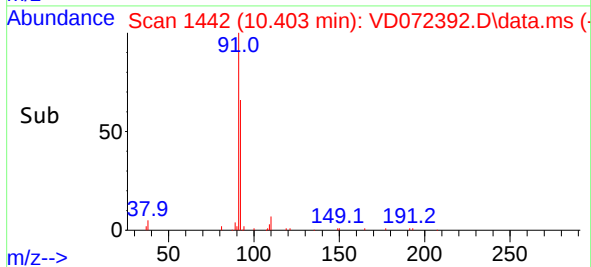
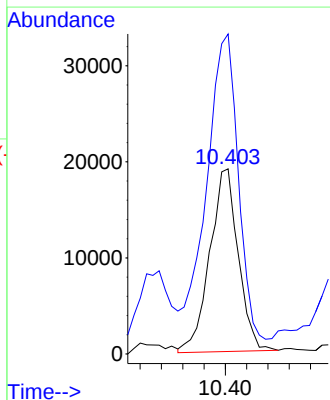
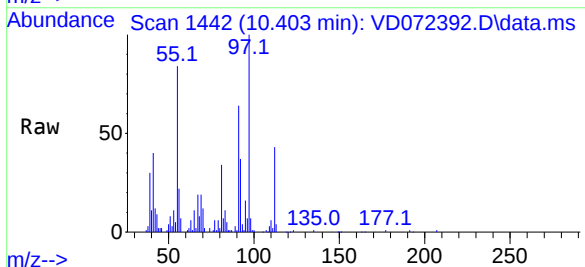
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-1-(3.0-3.5)

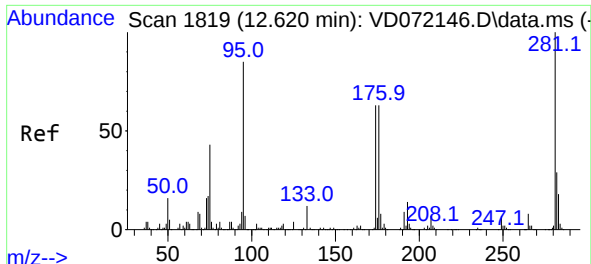
Tgt Ion: 98 Resp: 984878
Ion Ratio Lower Upper
98 100
100 45.7 52.4 78.6#



#52
Toluene
Concen: 3.443 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. 0.006 min
Lab File: VD072392.D
Acq: 23 Mar 2022 19:05

Tgt Ion: 92 Resp: 35287
Ion Ratio Lower Upper
92 100
91 183.0 139.6 209.4



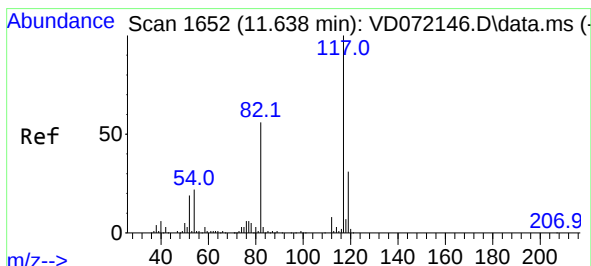
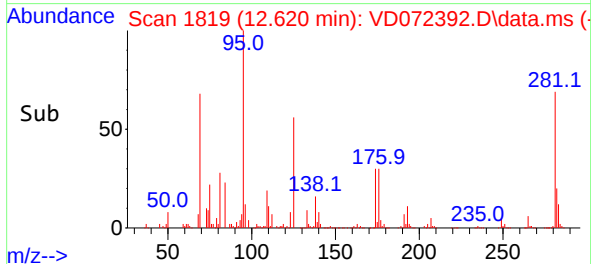
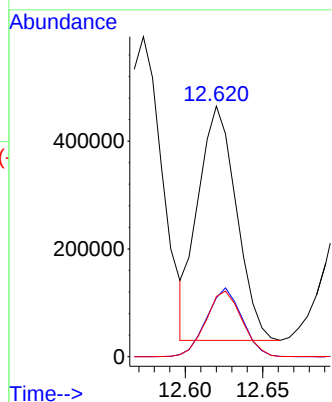
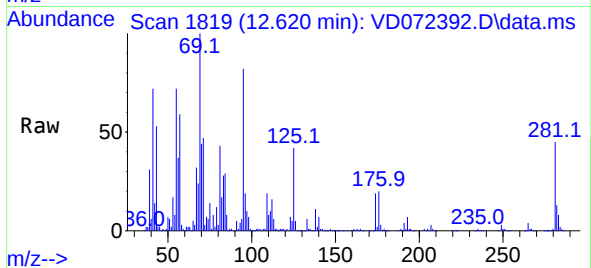


#62
4-Bromofluorobenzene
Concen: 135.693 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072392.D
Acq: 23 Mar 2022 19:05

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-1-(3.0-3.5)

Tgt Ion: 95 Resp: 750355

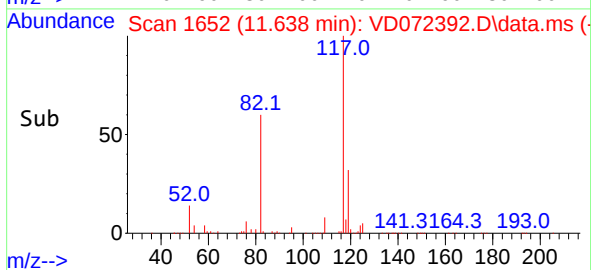
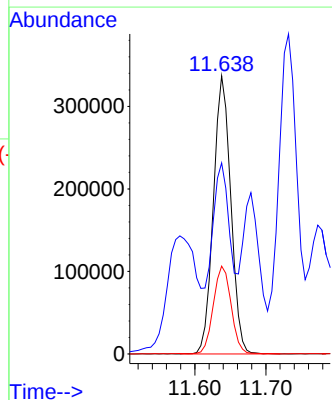
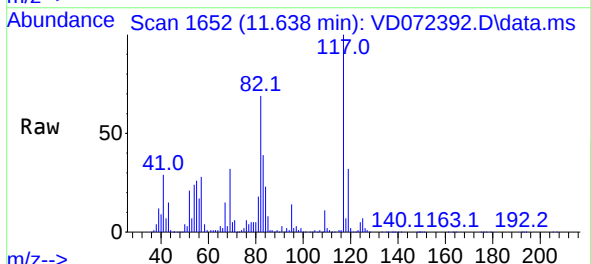
Ion	Ratio	Lower	Upper
95	100		
174	27.2	0.0	152.8
176	26.6	0.0	145.4

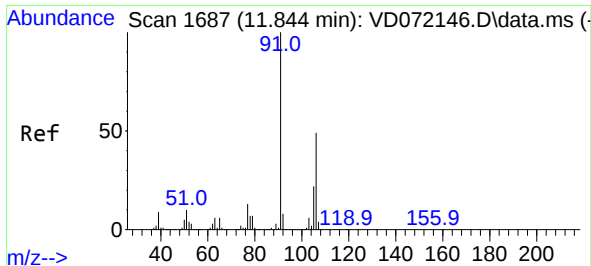


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072392.D
Acq: 23 Mar 2022 19:05

Tgt Ion: 117 Resp: 574067

Ion	Ratio	Lower	Upper
117	100		
82	26.2	45.3	67.9#
119	31.5	26.6	40.0

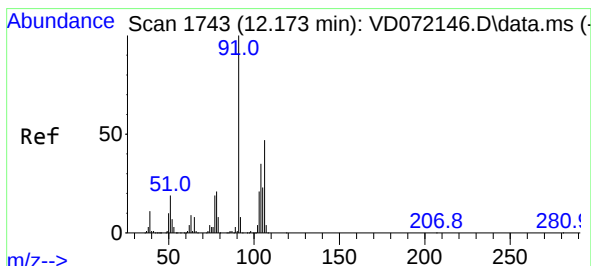
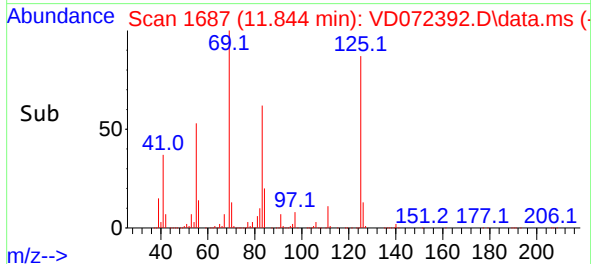
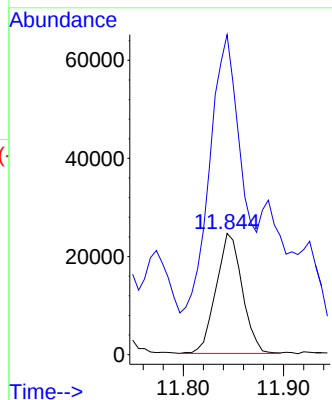
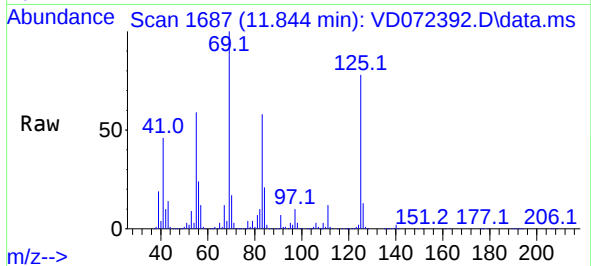




#68
m/p-Xylenes
Concen: 5.120 ug/l
RT: 11.844 min Scan# 1184
Delta R.T. 0.000 min
Lab File: VD072392.D
Acq: 23 Mar 2022 19:05

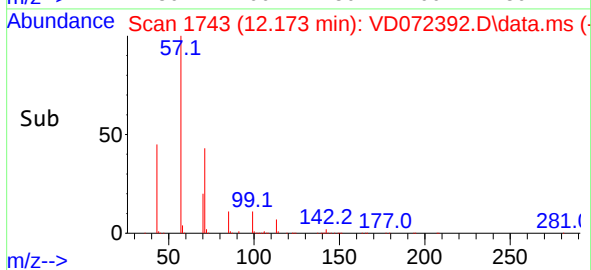
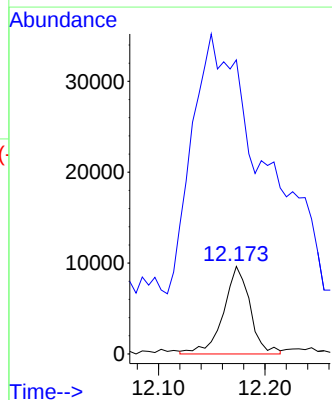
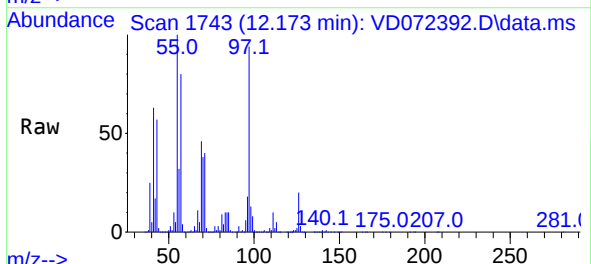
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-1-(3.0-3.5)

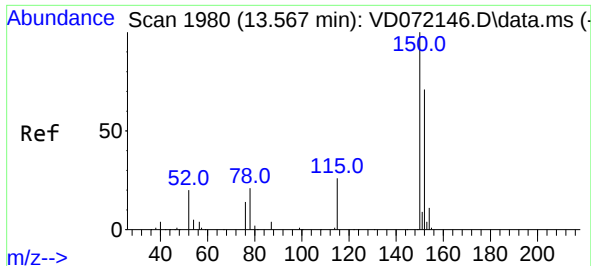
Tgt Ion:106 Resp: 44193
Ion Ratio Lower Upper
106 100
91 282.3 163.7 245.5#



#69
o-Xylene
Concen: 2.021 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072392.D
Acq: 23 Mar 2022 19:05

Tgt Ion:106 Resp: 16684
Ion Ratio Lower Upper
106 100
91 0.0 110.4 331.2#

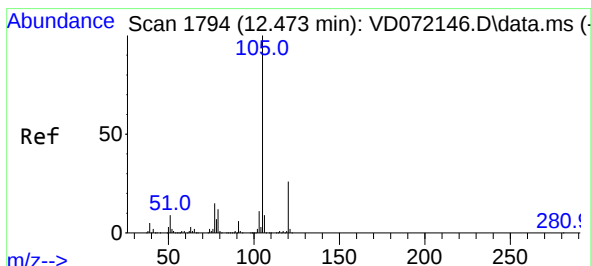
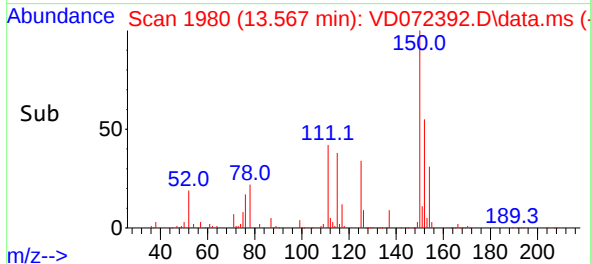
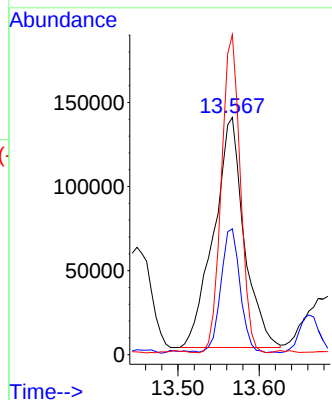
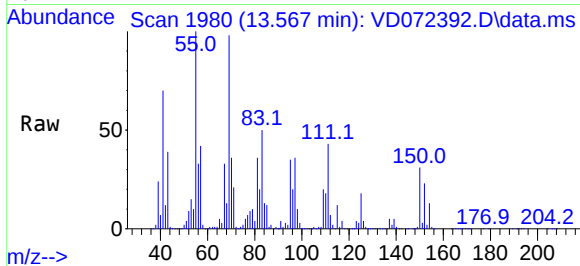




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD072392.D
Acq: 23 Mar 2022 19:05

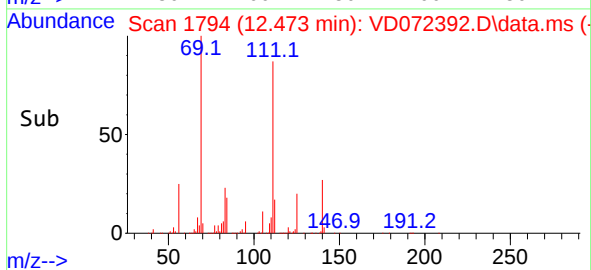
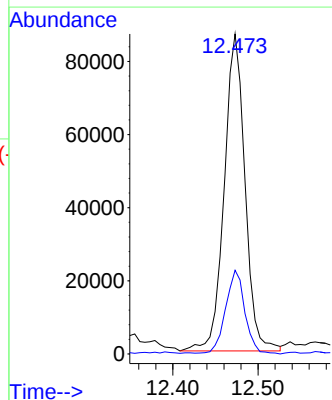
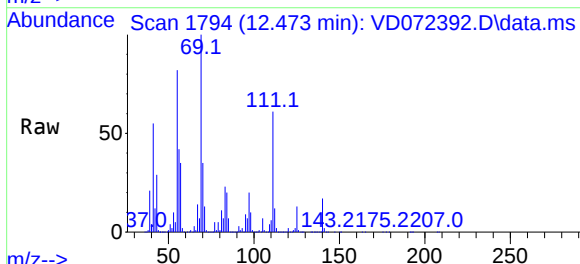
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-1-(3.0-3.5)

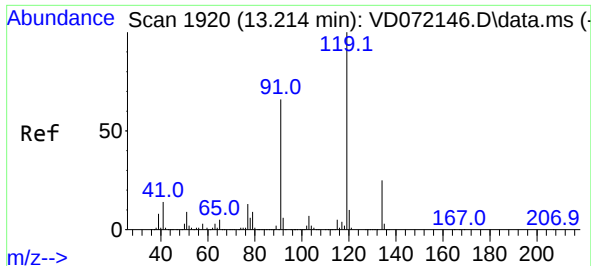
Tgt Ion:152 Resp: 355631
Ion Ratio Lower Upper
152 100
115 34.2 31.3 93.8
150 86.1 0.0 348.6



#73
Isopropylbenzene
Concen: 5.239 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD072392.D
Acq: 23 Mar 2022 19:05

Tgt Ion:105 Resp: 147634
Ion Ratio Lower Upper
105 100
120 24.6 13.0 38.9

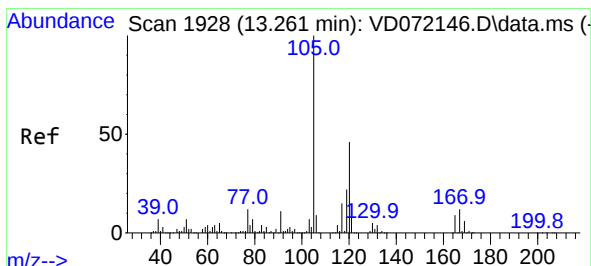
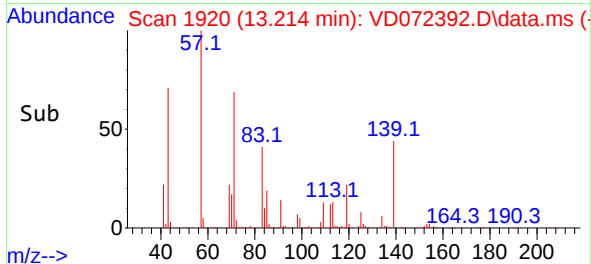
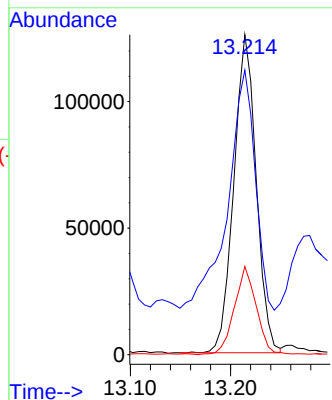
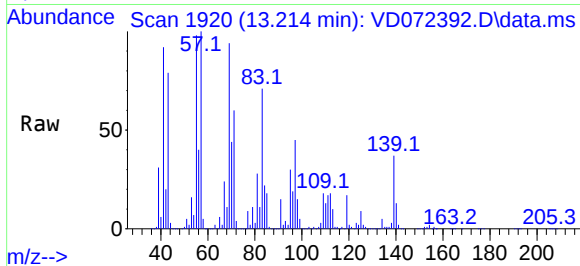




#83
tert-Butylbenzene
Concen: 9.195 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD072392.D
Acq: 23 Mar 2022 19:05

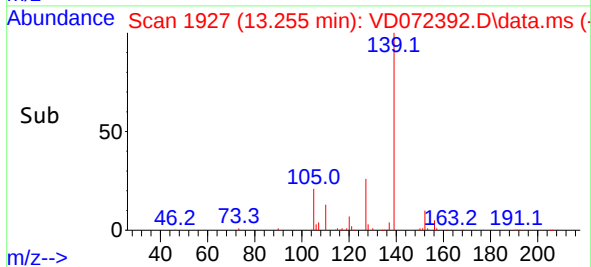
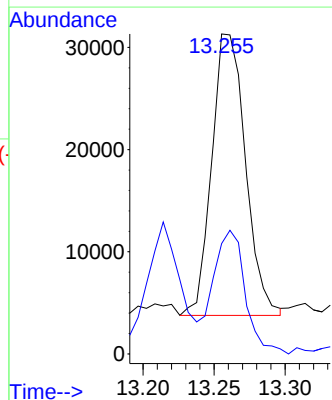
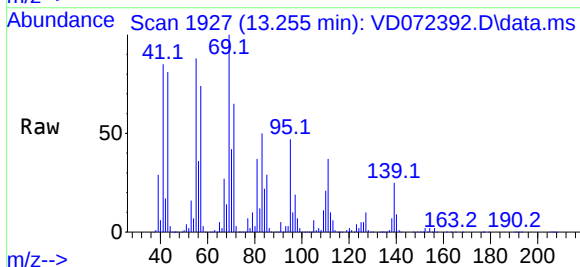
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-1-(3.0-3.5)

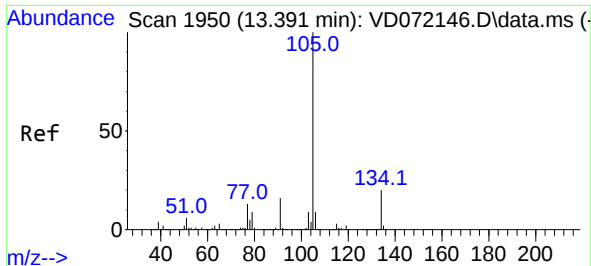
Tgt Ion:119 Resp: 195178
Ion Ratio Lower Upper
119 100
91 92.4 34.8 104.5
134 27.5 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 1.909 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072392.D
Acq: 23 Mar 2022 19:05

Tgt Ion:105 Resp: 45547
Ion Ratio Lower Upper
105 100
120 41.9 22.3 66.8

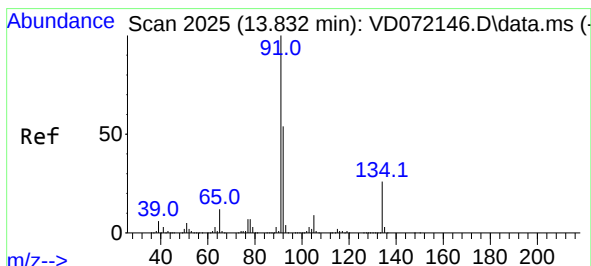
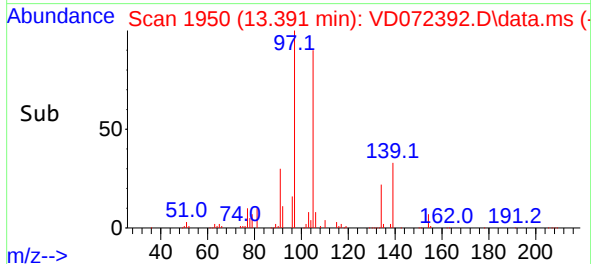
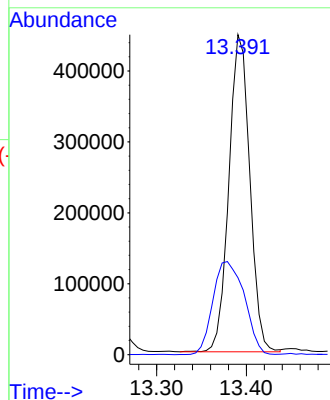
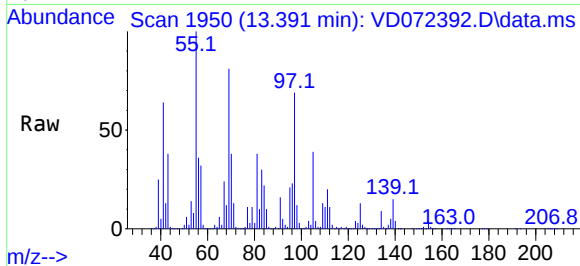




#85
 sec-Butylbenzene
 Concen: 22.682 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD072392.D
 Acq: 23 Mar 2022 19:05

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-3-1-(3.0-3.5)

Tgt Ion:105 Resp: 723009
 Ion Ratio Lower Upper
 105 100
 134 44.3 9.8 29.3#



#89
 n-Butylbenzene
 Concen: 10.585 ug/l
 RT: 13.832 min Scan# 2025
 Delta R.T. 0.000 min
 Lab File: VD072392.D
 Acq: 23 Mar 2022 19:05

Tgt Ion: 91 Resp: 264648
 Ion Ratio Lower Upper
 91 100
 92 51.7 26.6 79.8
 134 26.7 12.3 36.9

