

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032322\
 Data File : VD072394.D
 Acq On : 23 Mar 2022 20:02
 Operator : VA/SY
 Sample : N2077-13
 Misc : 4.91G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-3-3-(2.5-3.0)

Quant Time: Apr 07 02:18:52 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)

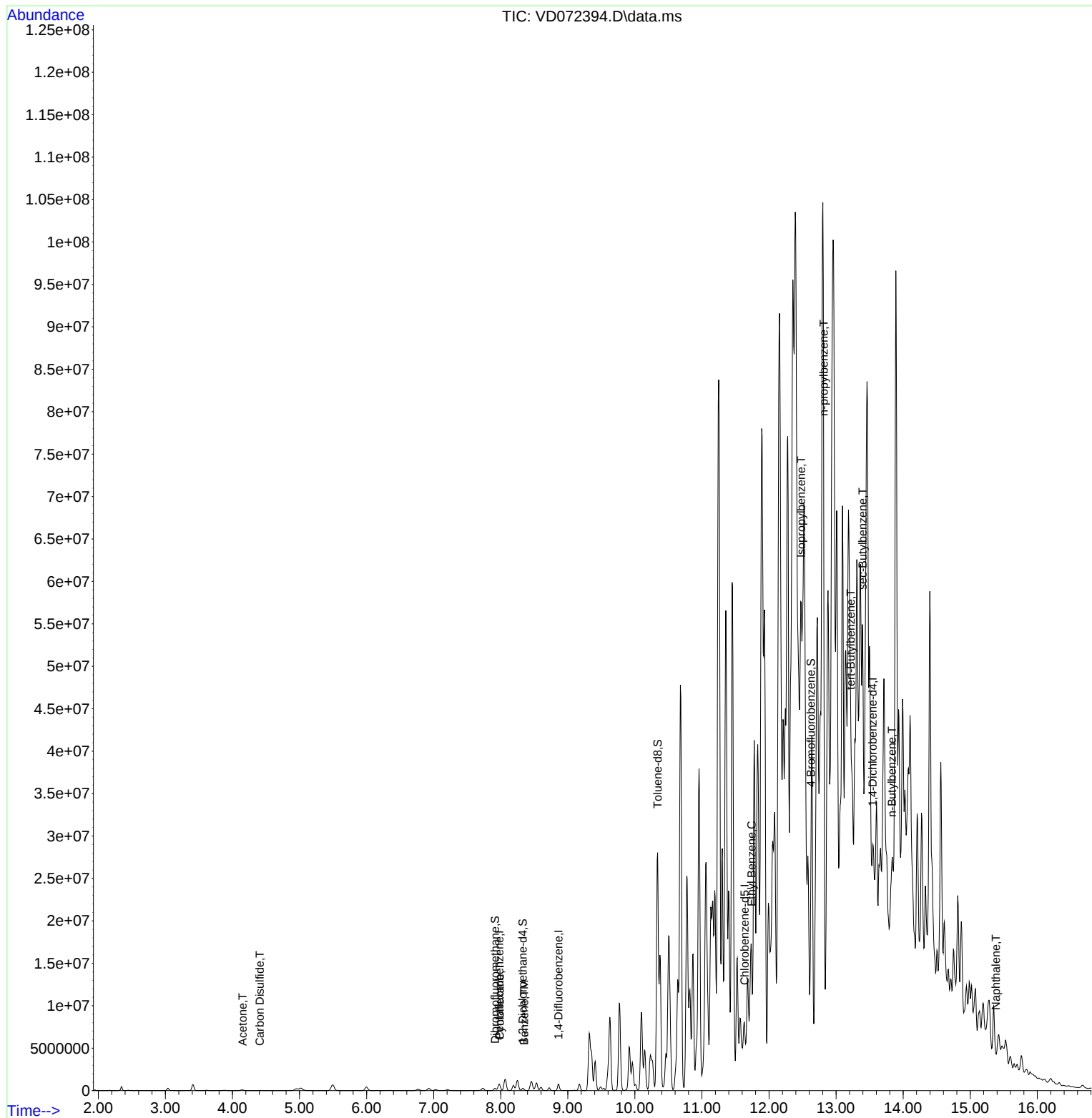
Internal Standards						
1) Pentafluorobenzene	7.979	168	350737	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	625872	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	510669	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.543	152	689395	50.000	ug/l	#-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	189471	48.473	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.940%
35) Dibromofluoromethane	7.914	113	192414	43.688	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.380%
50) Toluene-d8	10.338	98	2125866	132.005	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	264.020%#
62) 4-Bromofluorobenzene	12.626	95	3197977	511.068	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	1022.140%#
Target Compounds						
					Qvalue	
16) Acetone	4.150	43	86587	102.026	ug/l #	82
17) Carbon Disulfide	4.409	76	20644	4.164	ug/l	97
31) Cyclohexane	7.985	56	177057	28.993	ug/l	95
40) Benzene	8.350	78	50093	2.842	ug/l	95
67) Ethyl Benzene	11.738	91	220794	10.919	ug/l	90
73) Isopropylbenzene	12.479	105	6147069	112.520	ug/l	99
78) n-propylbenzene	12.814	91	9646055	145.364	ug/l	99
83) tert-Butylbenzene	13.220	119	1448852	35.211	ug/l	80
85) sec-Butylbenzene	13.396	105	5893363	95.374	ug/l #	69
89) n-Butylbenzene	13.832	91	1760211	36.318	ug/l #	80
95) Naphthalene	15.385	128	197722	7.711	ug/l #	70

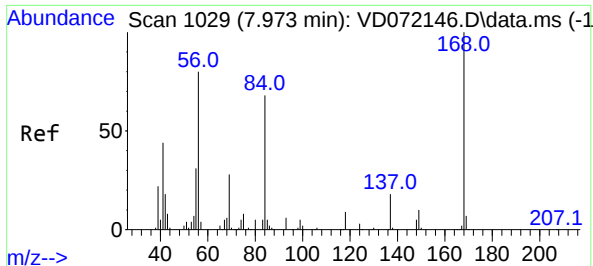
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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WC-14A-3-3-(2.5-3.0)

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Quant Title : SW846 8260
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Response via : Initial Calibration

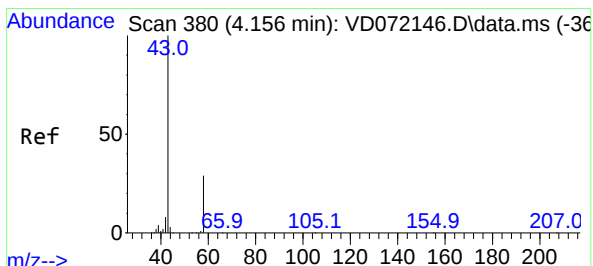
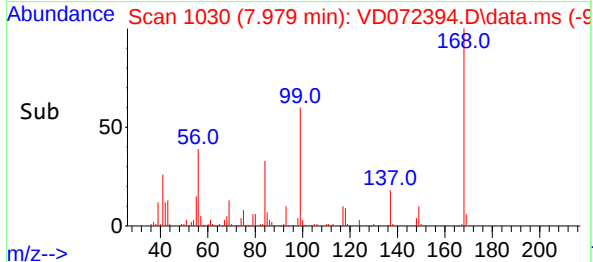
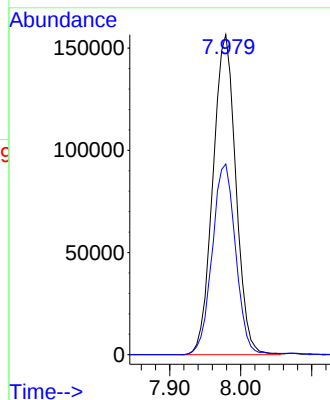
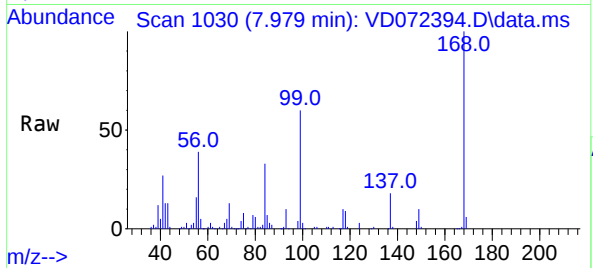




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

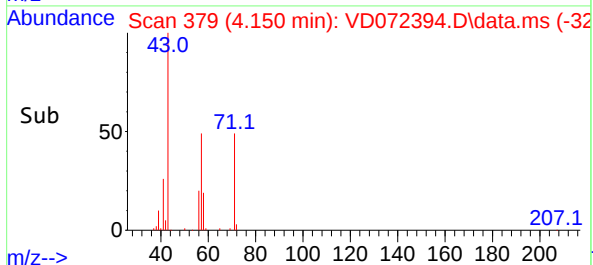
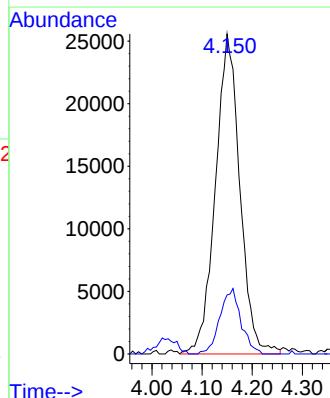
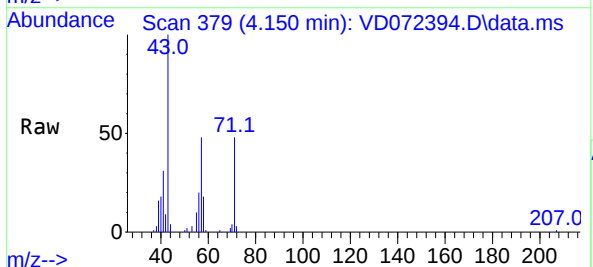
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-3-(2.5-3.0)

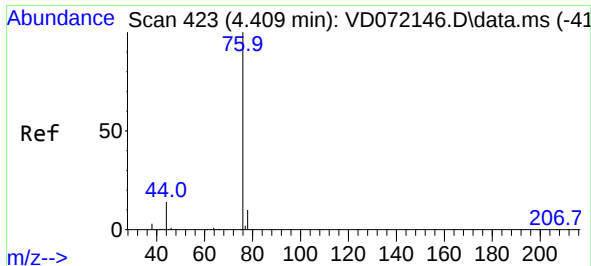
Tgt Ion:168 Resp: 350737
Ion Ratio Lower Upper
168 100
99 59.6 49.8 74.6



#16
Acetone
Concen: 102.026 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

Tgt Ion: 43 Resp: 86587
Ion Ratio Lower Upper
43 100
58 18.4 22.1 33.1#

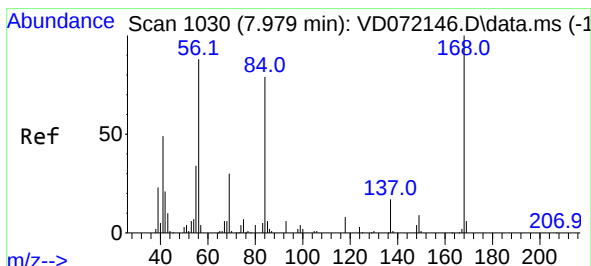
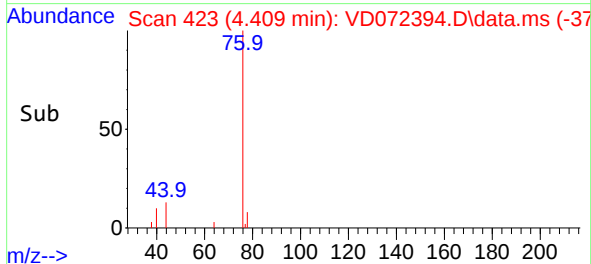
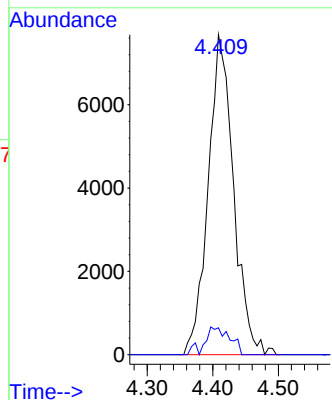
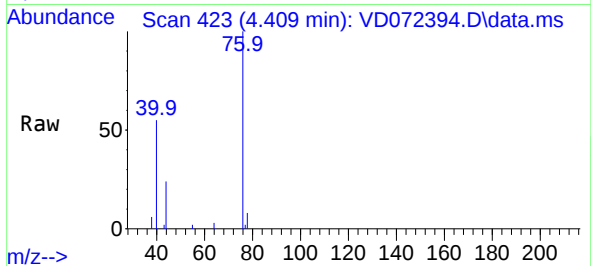




#17
Carbon Disulfide
Concen: 4.164 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

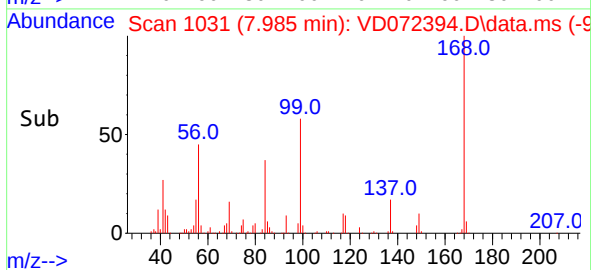
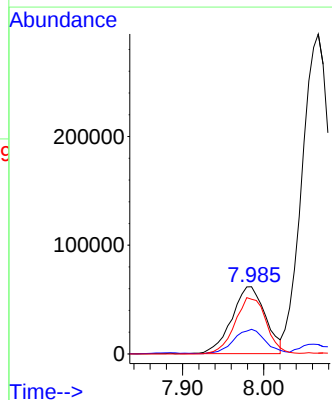
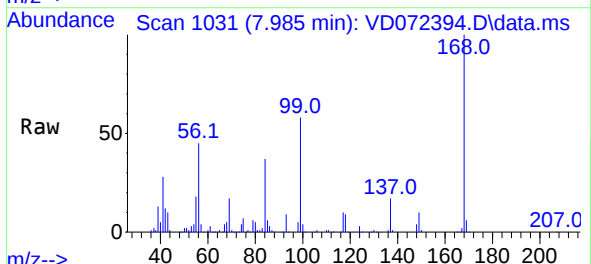
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-3-(2.5-3.0)

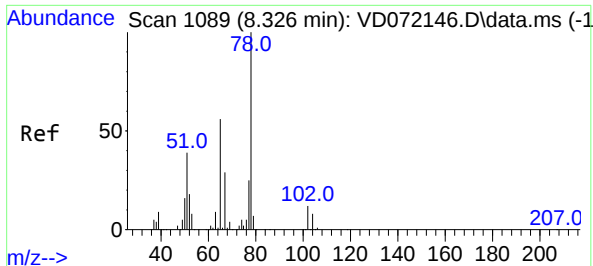
Tgt Ion: 76 Resp: 20644
Ion Ratio Lower Upper
76 100
78 8.4 7.5 11.3



#31
Cyclohexane
Concen: 28.993 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

Tgt Ion: 56 Resp: 177057
Ion Ratio Lower Upper
56 100
69 35.7 25.4 38.2
84 81.8 63.0 94.4

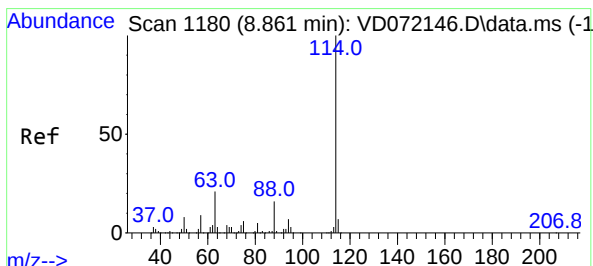
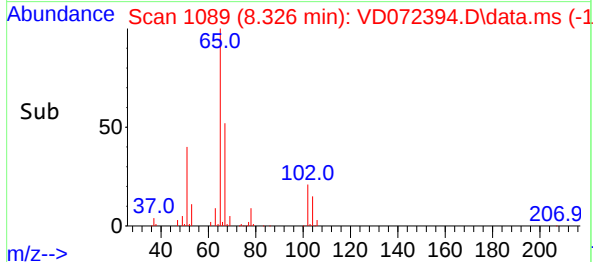
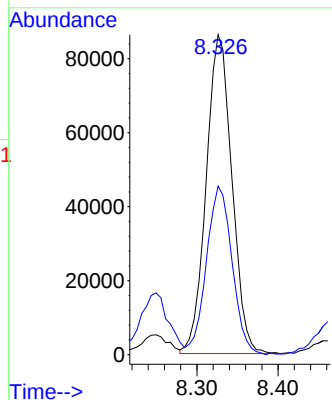
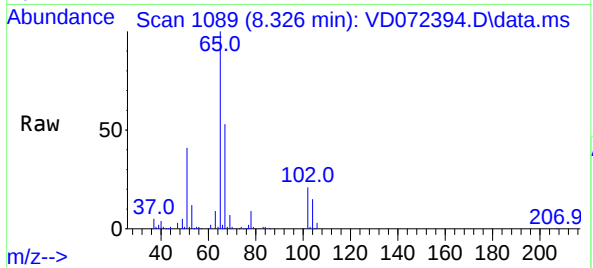




#33
1,2-Dichloroethane-d4
Concen: 48.473 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

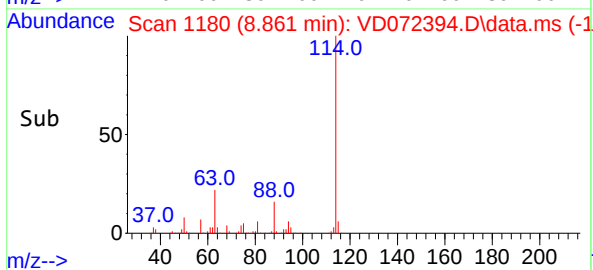
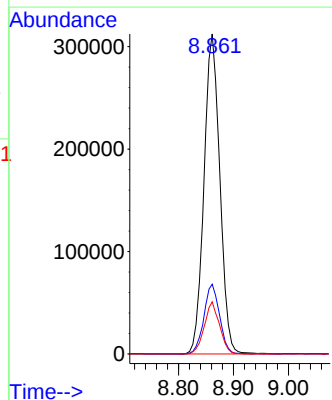
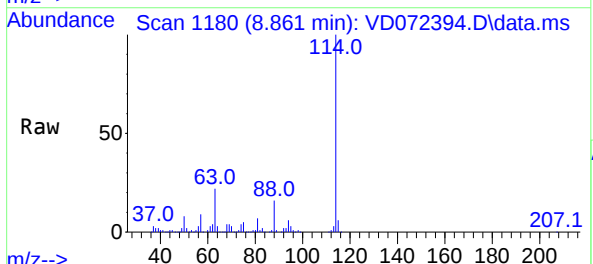
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-3-(2.5-3.0)

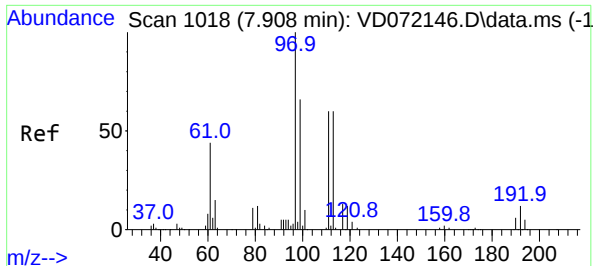
Tgt Ion: 65 Resp: 189471
Ion Ratio Lower Upper
65 100
67 53.0 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

Tgt Ion: 114 Resp: 625872
Ion Ratio Lower Upper
114 100
63 21.8 0.0 46.6
88 16.3 0.0 33.2

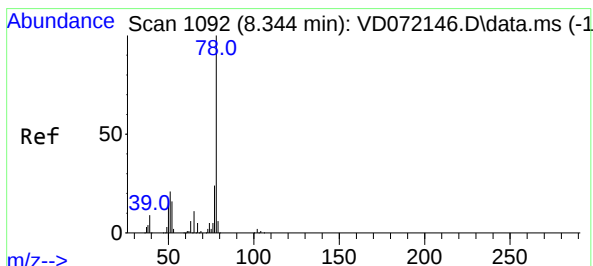
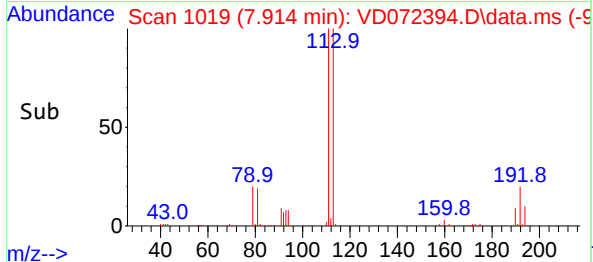
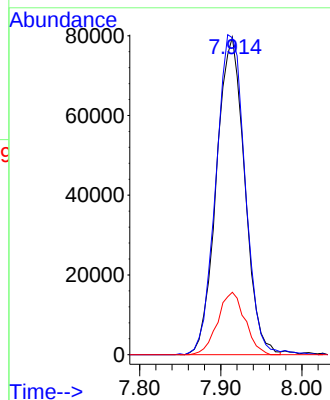
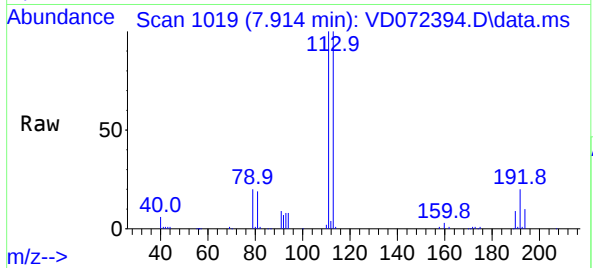




#35
Dibromofluoromethane
Concen: 43.688 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

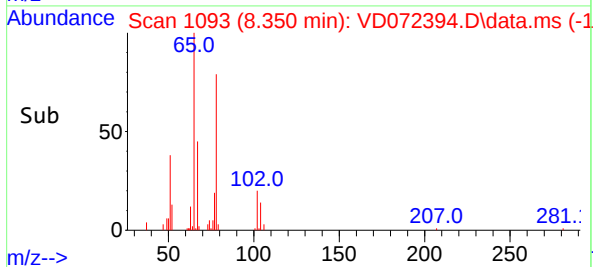
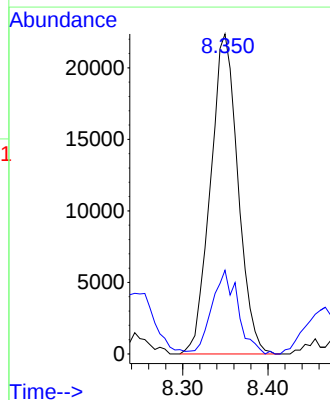
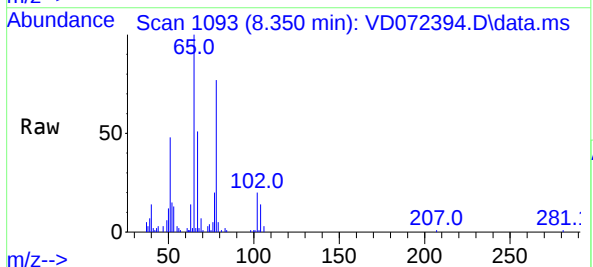
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-3-(2.5-3.0)

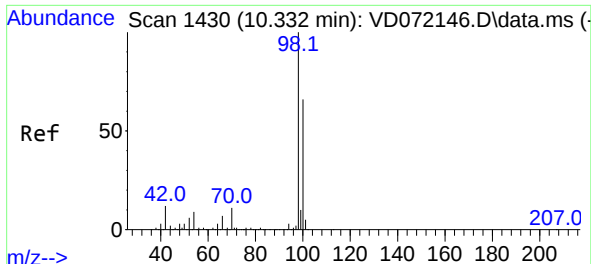
Tgt Ion:113 Resp: 192414
Ion Ratio Lower Upper
113 100
111 104.2 83.8 125.6
192 19.0 14.6 21.8



#40
Benzene
Concen: 2.842 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

Tgt Ion: 78 Resp: 50093
Ion Ratio Lower Upper
78 100
77 26.1 19.1 28.7

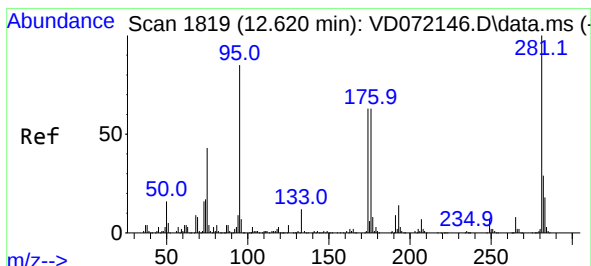
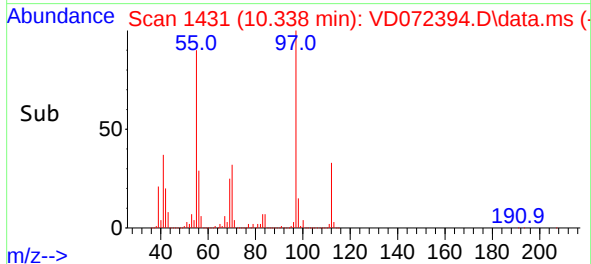
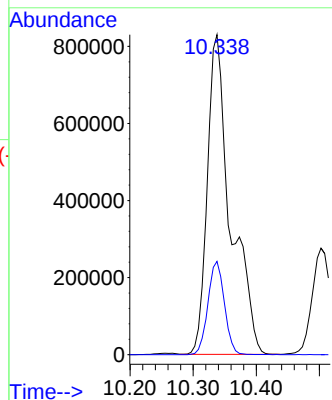
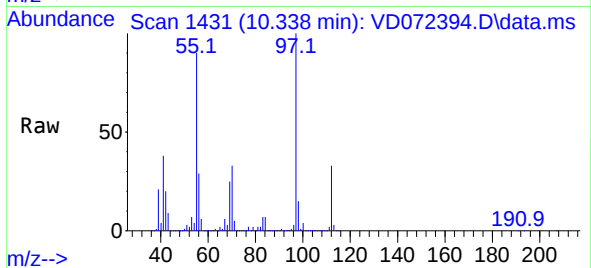




#50
Toluene-d8
Concen: 132.005 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

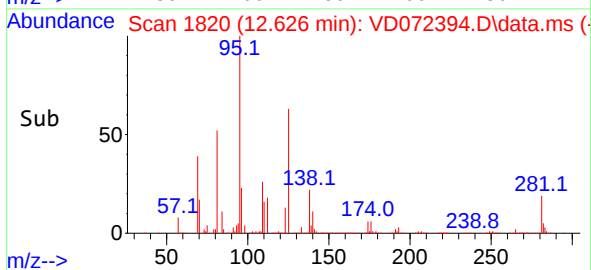
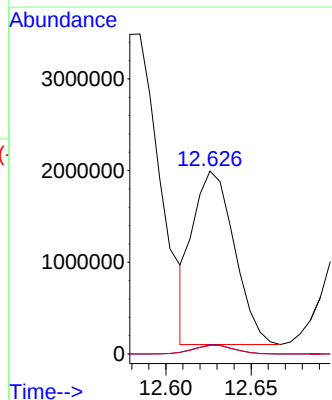
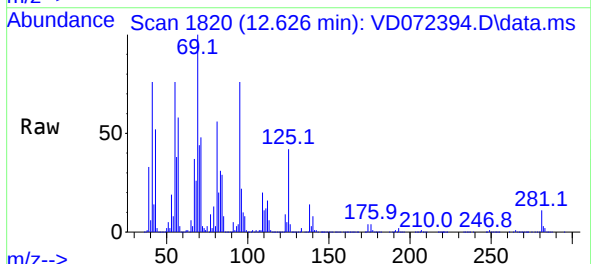
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-3-(2.5-3.0)

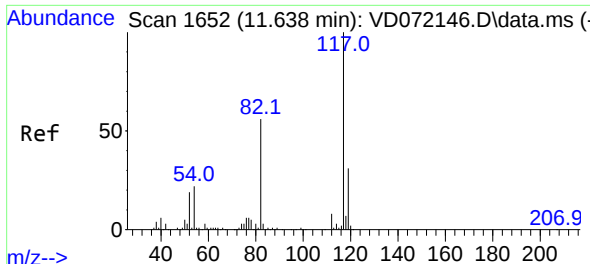
Tgt Ion: 98 Resp: 2125866
Ion Ratio Lower Upper
98 100
100 20.6 52.4 78.6#



#62
4-Bromofluorobenzene
Concen: 511.068 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

Tgt Ion: 95 Resp: 3197977
Ion Ratio Lower Upper
95 100
174 5.0 0.0 152.8
176 4.9 0.0 145.4

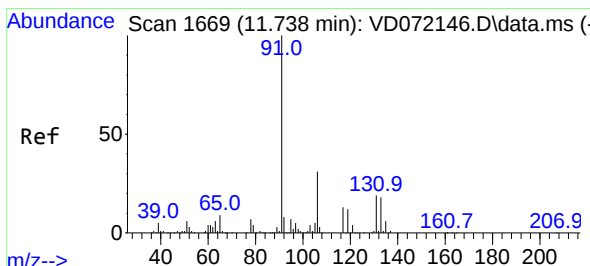
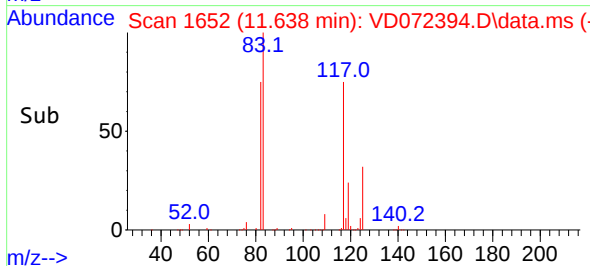
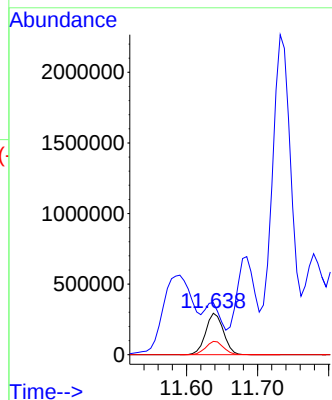
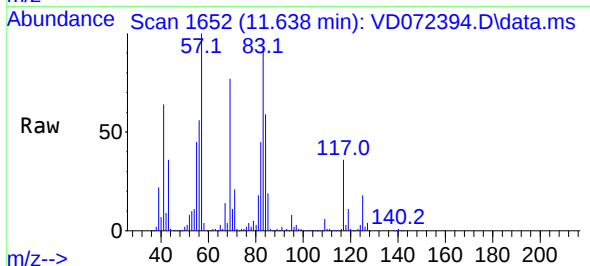




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

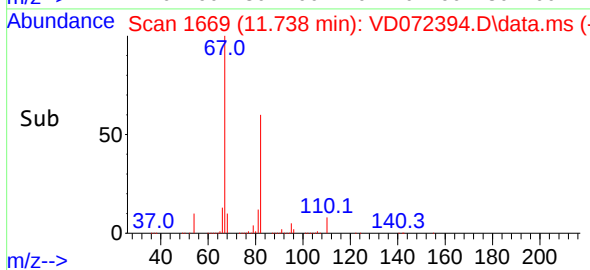
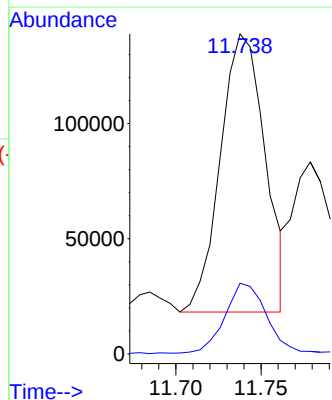
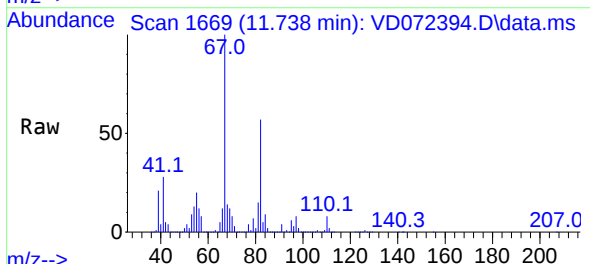
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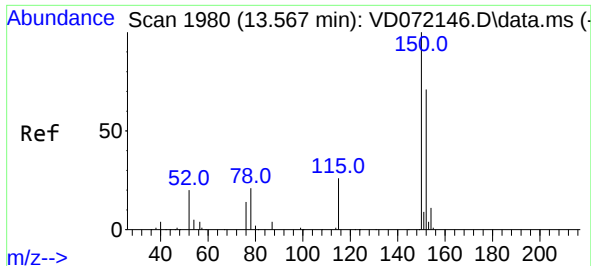
Tgt Ion:117 Resp: 510669
Ion Ratio Lower Upper
117 100
82 0.0 45.3 67.9#
119 31.9 26.6 40.0



#67
Ethyl Benzene
Concen: 10.919 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

Tgt Ion: 91 Resp: 220794
Ion Ratio Lower Upper
91 100
106 25.1 24.2 36.4

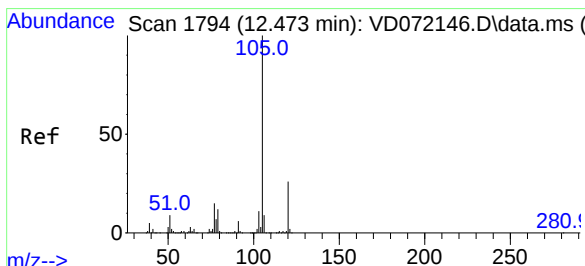
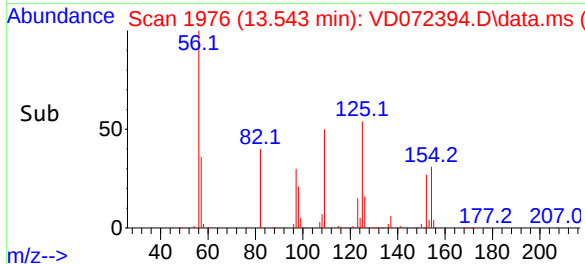
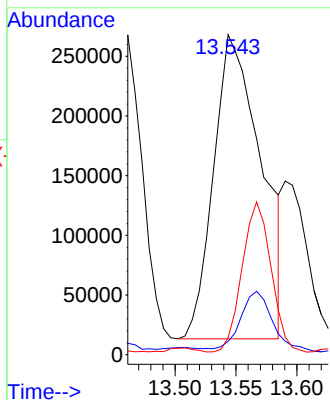
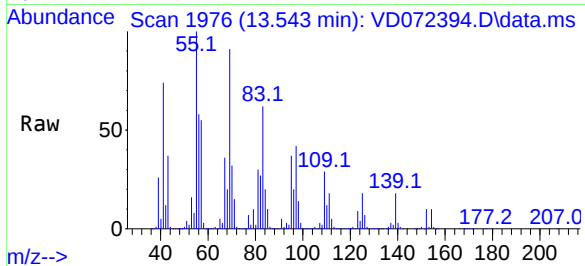




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.543 min Scan# 1980
Delta R.T. -0.024 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

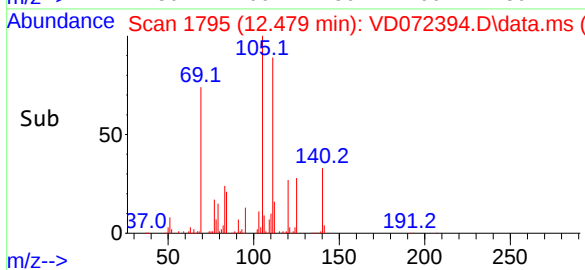
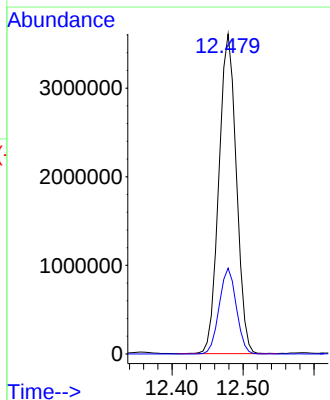
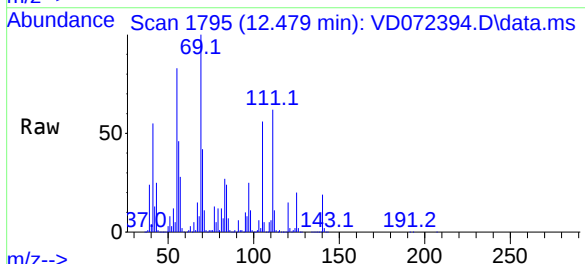
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WC-14A-3-3-(2.5-3.0)

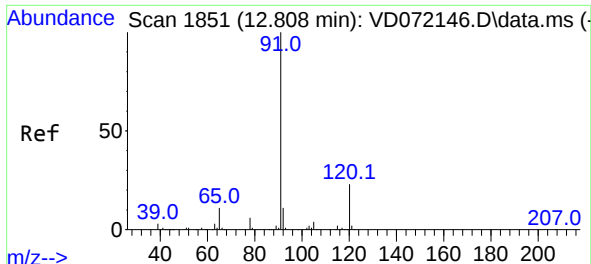
Tgt Ion:152 Resp: 689395
Ion Ratio Lower Upper
152 100
115 0.0 31.3 93.8#
150 0.0 0.0 348.6



#73
Isopropylbenzene
Concen: 112.520 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

Tgt Ion:105 Resp: 6147069
Ion Ratio Lower Upper
105 100
120 26.2 13.0 38.9

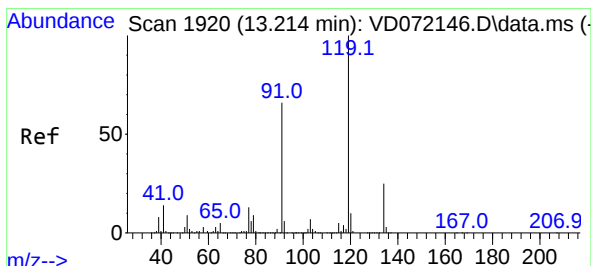
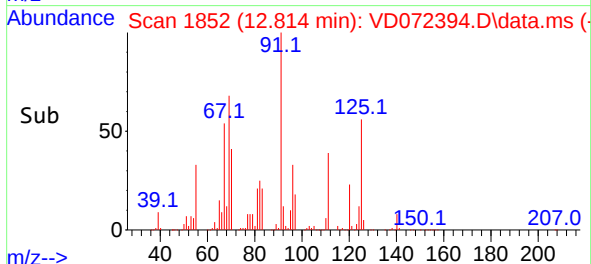
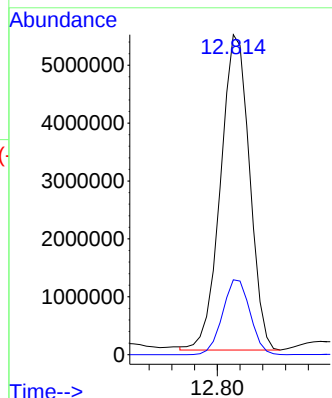
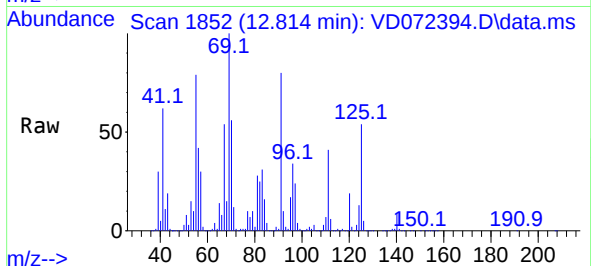




#78
n-propylbenzene
Concen: 145.364 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

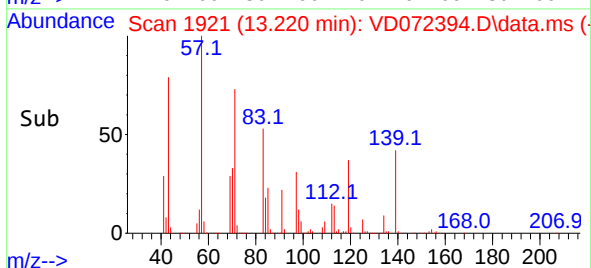
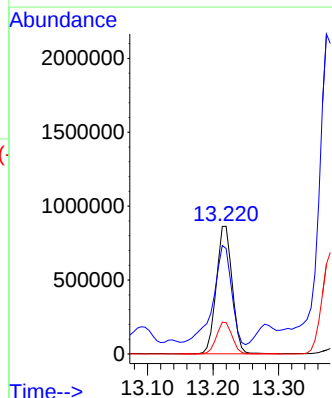
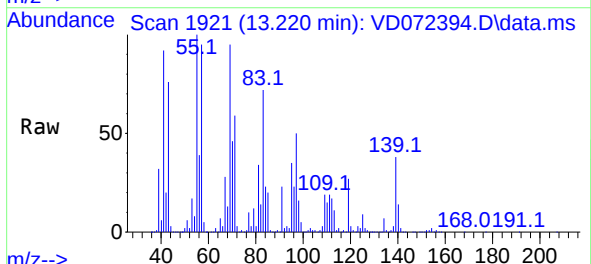
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-3-(2.5-3.0)

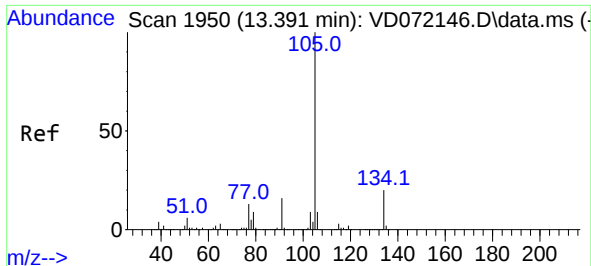
Tgt Ion: 91 Resp: 9646055
Ion Ratio Lower Upper
91 100
120 22.6 10.9 32.9



#83
tert-Butylbenzene
Concen: 35.211 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.006 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

Tgt Ion: 119 Resp: 1448852
Ion Ratio Lower Upper
119 100
91 90.4 34.8 104.5
134 24.4 13.3 39.9

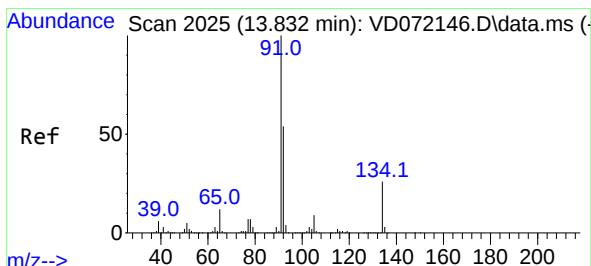
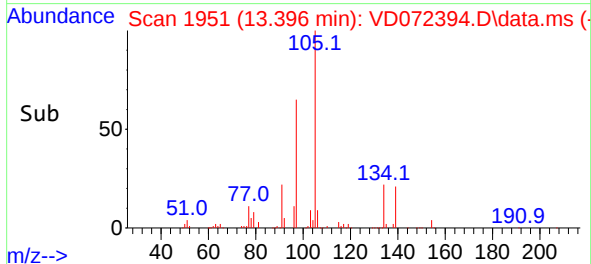
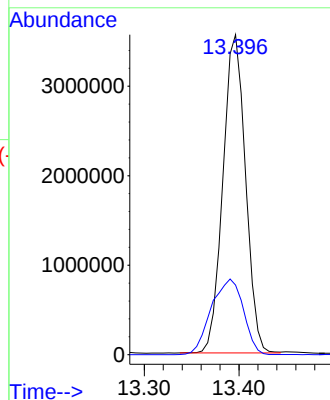
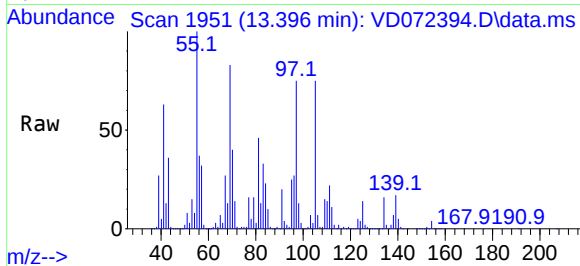




#85
 sec-Butylbenzene
 Concen: 95.374 ug/l
 RT: 13.396 min Scan# 1951
 Delta R.T. 0.006 min
 Lab File: VD072394.D
 Acq: 23 Mar 2022 20:02

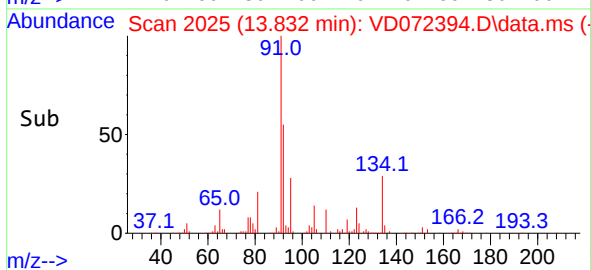
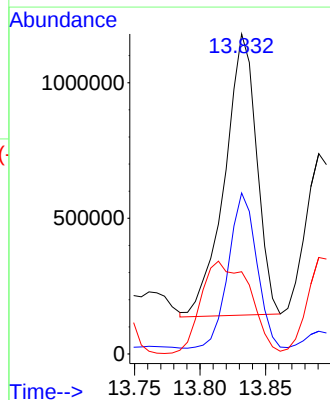
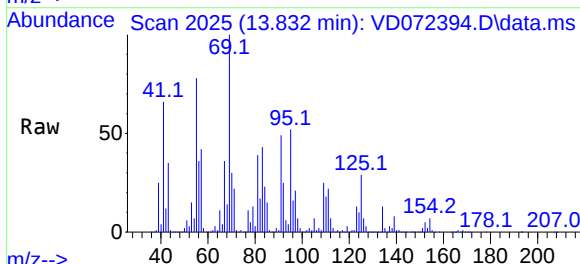
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-3-3-(2.5-3.0)

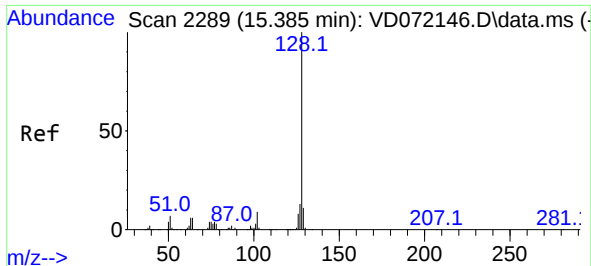
Tgt Ion:105 Resp: 5893363
 Ion Ratio Lower Upper
 105 100
 134 33.8 9.8 29.3#



#89
 n-Butylbenzene
 Concen: 36.318 ug/l
 RT: 13.832 min Scan# 2025
 Delta R.T. -0.000 min
 Lab File: VD072394.D
 Acq: 23 Mar 2022 20:02

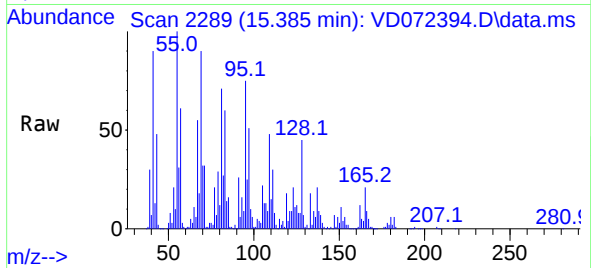
Tgt Ion: 91 Resp: 1760211
 Ion Ratio Lower Upper
 91 100
 92 49.3 26.6 79.8
 134 49.8 12.3 36.9#





#95
Naphthalene
Concen: 7.711 ug/l
RT: 15.385 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-3-(2.5-3.0)



Tgt Ion:128 Resp: 197722

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.4	12.6#

