

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042222\
 Data File : VD072693.D
 Acq On : 22 Apr 2022 14:45
 Operator : VA/SY
 Sample : N2480-13
 Misc : 4.63G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-16-1A-4-GR

Quant Time: Apr 22 23:45:38 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)

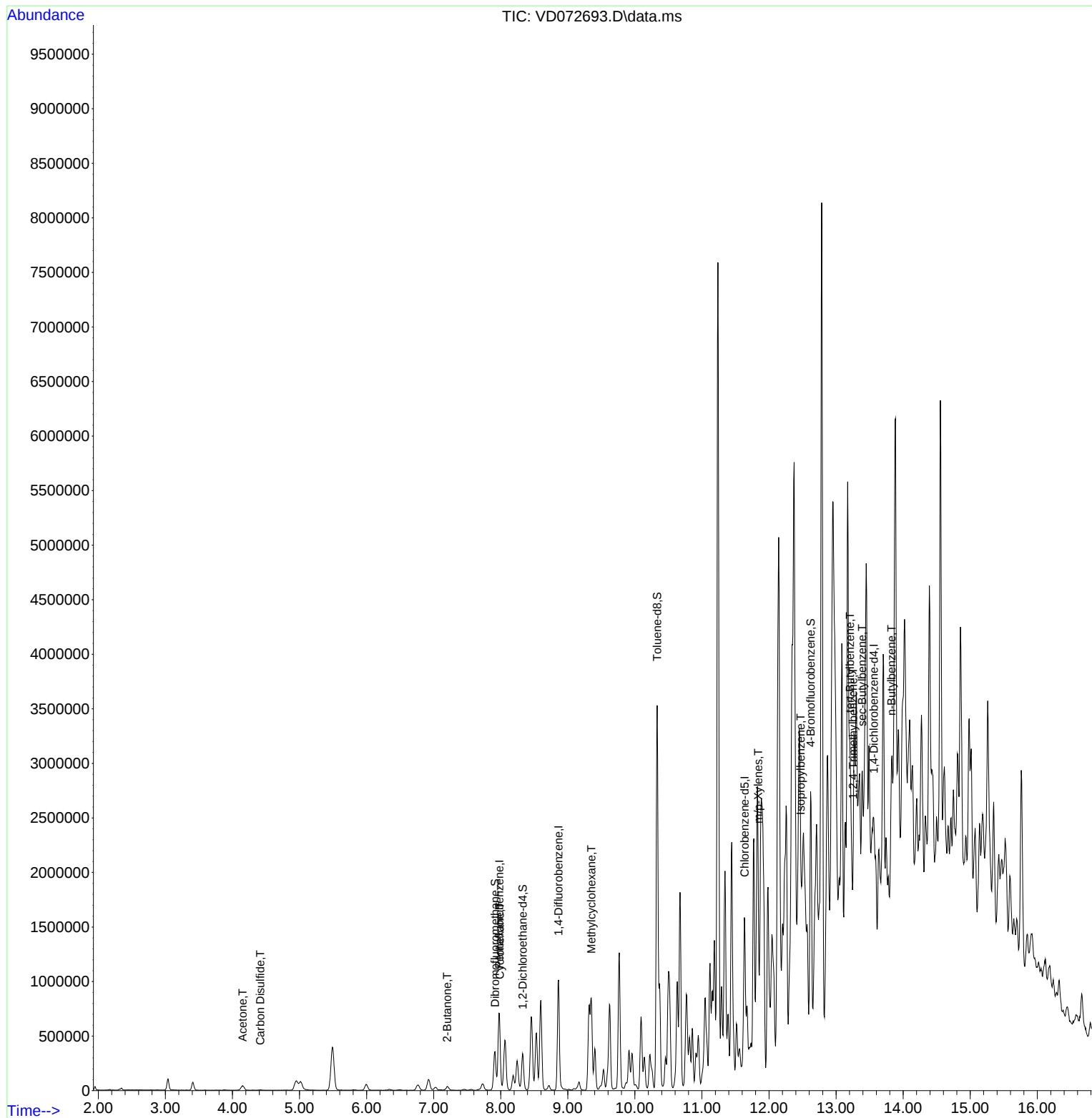
Internal Standards						
1) Pentafluorobenzene	7.979	168	469968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	845191	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	723806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	254337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	257908	45.365	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.720%
35) Dibromofluoromethane	7.914	113	262776	40.006	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.020%
50) Toluene-d8	10.332	98	1091447	47.804	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.600%
62) 4-Bromofluorobenzene	12.620	95	430640	48.295	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.600%
Target Compounds						
					Qvalue	
16) Acetone	4.150	43	57184	53.942	ug/l	97
17) Carbon Disulfide	4.415	76	8318	4.470	ug/l	97
25) 2-Butanone	7.203	43	28494	19.435	ug/l #	88
31) Cyclohexane	7.985	56	54631	7.349	ug/l #	80
39) Methylcyclohexane	9.350	83	380106	39.523	ug/l	95
68) m/p-Xylenes	11.838	106	17624	1.645	ug/l #	62
73) Isopropylbenzene	12.473	105	35847	1.745	ug/l	98
83) tert-Butylbenzene	13.208	119	19623	1.288	ug/l #	19
84) 1,2,4-Trimethylbenzene	13.255	105	17720	1.030	ug/l	96
85) sec-Butylbenzene	13.391	105	70171	3.059	ug/l #	74
89) n-Butylbenzene	13.826	91	51871	2.904	ug/l	91

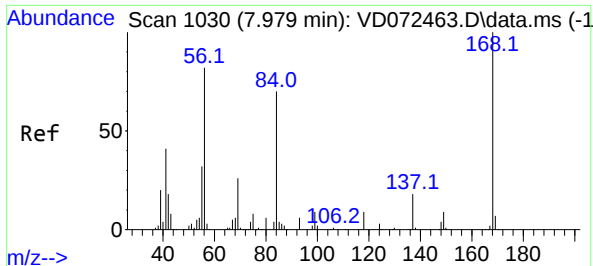
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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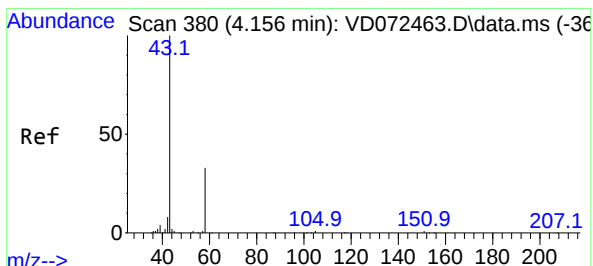
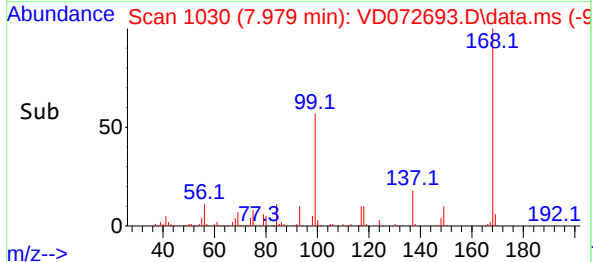
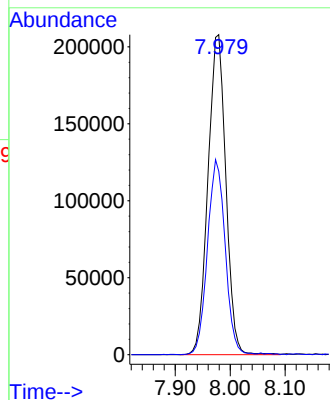
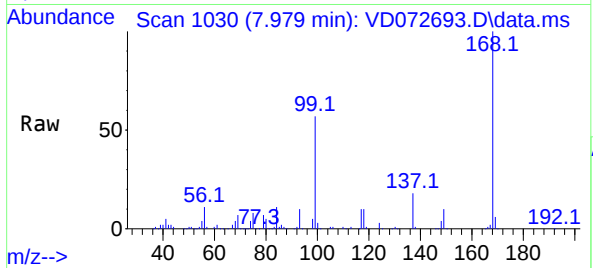




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD072693.D
Acq: 22 Apr 2022 14:45

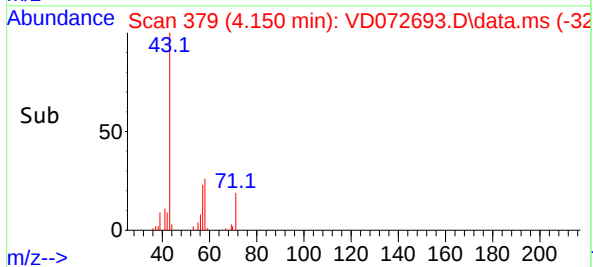
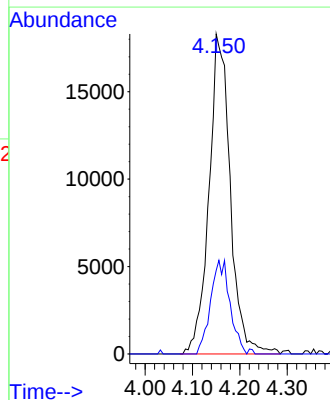
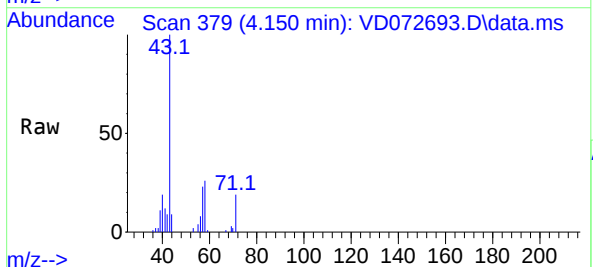
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-4-GR

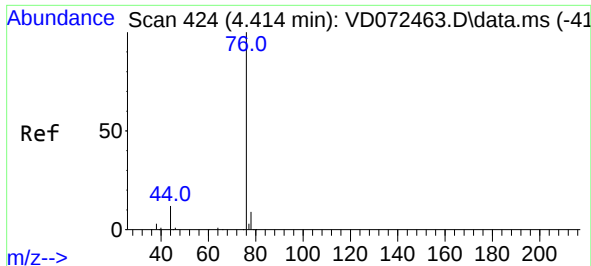
Tgt Ion:168 Resp: 469968
Ion Ratio Lower Upper
168 100
99 57.3 49.8 74.6



#16
Acetone
Concen: 53.942 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD072693.D
Acq: 22 Apr 2022 14:45

Tgt Ion: 43 Resp: 57184
Ion Ratio Lower Upper
43 100
58 26.1 22.1 33.1

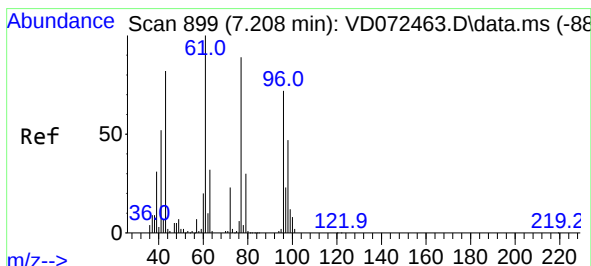
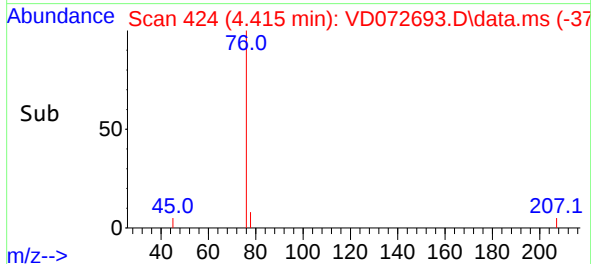
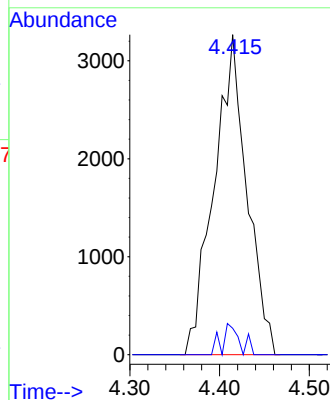
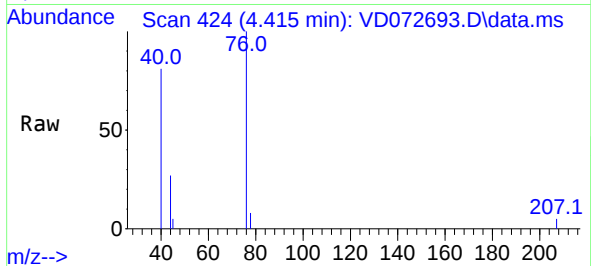




#17
Carbon Disulfide
Concen: 4.470 ug/l
RT: 4.415 min Scan# 41
Delta R.T. 0.001 min
Lab File: VD072693.D
Acq: 22 Apr 2022 14:45

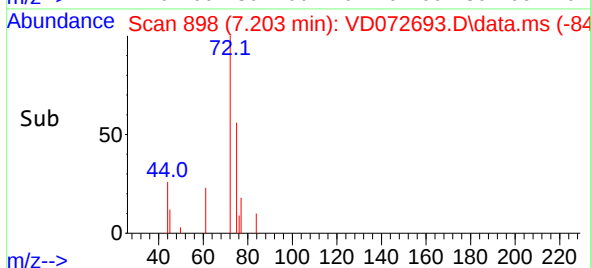
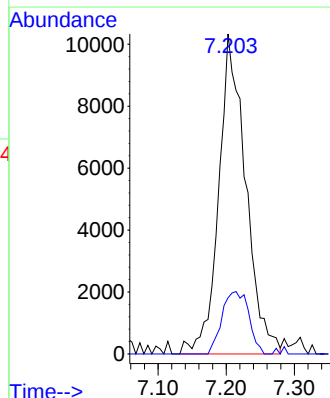
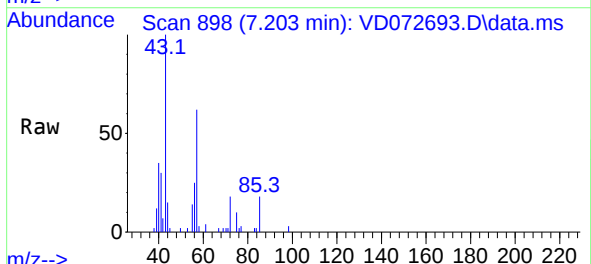
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-4-GR

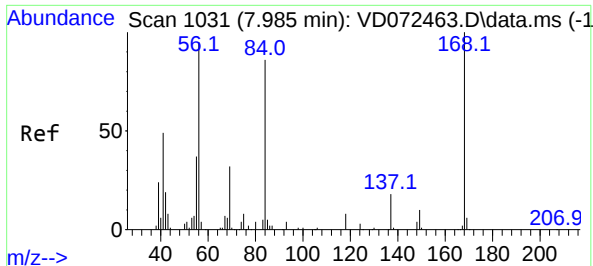
Tgt Ion: 76 Resp: 8318
Ion Ratio Lower Upper
76 100
78 8.3 7.5 11.3



#25
2-Butanone
Concen: 19.435 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD072693.D
Acq: 22 Apr 2022 14:45

Tgt Ion: 43 Resp: 28494
Ion Ratio Lower Upper
43 100
72 17.5 18.6 27.8#

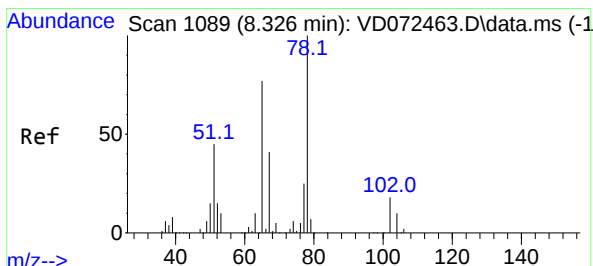
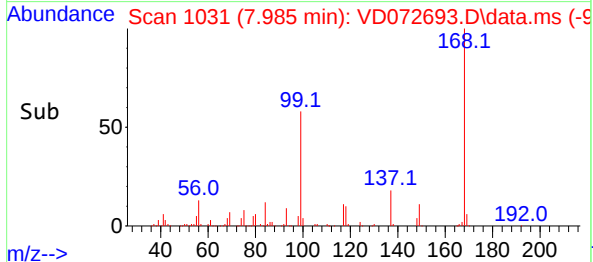
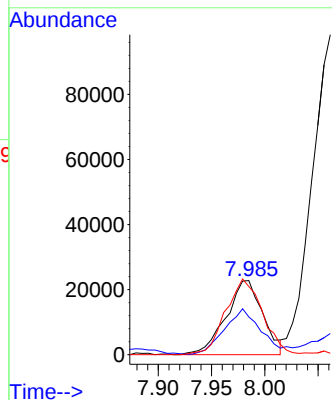
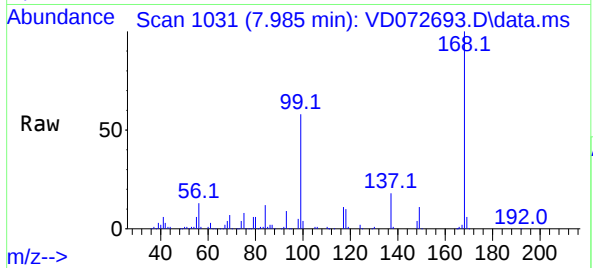




#31
Cyclohexane
Concen: 7.349 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD072693.D
Acq: 22 Apr 2022 14:45

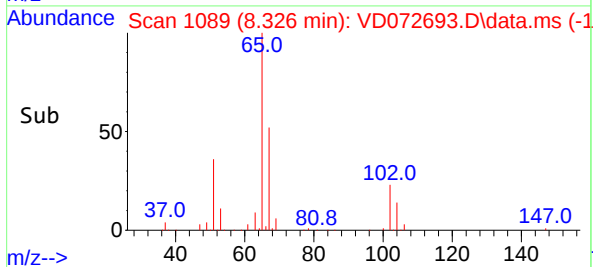
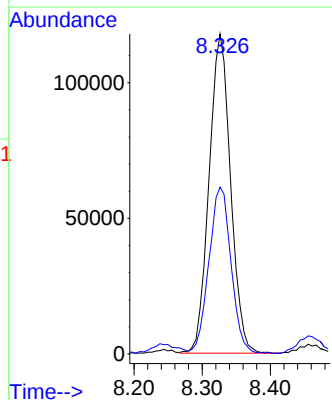
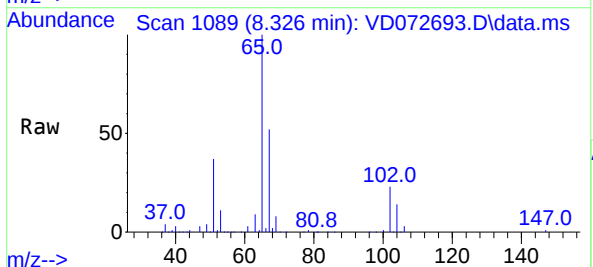
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-4-GR

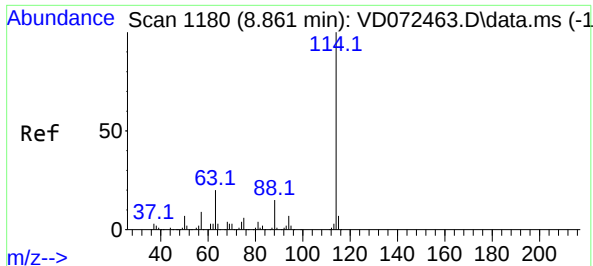
Tgt Ion: 56 Resp: 54631
Ion Ratio Lower Upper
56 100
69 49.8 25.4 38.2#
84 92.1 63.0 94.4



#33
1,2-Dichloroethane-d4
Concen: 45.365 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072693.D
Acq: 22 Apr 2022 14:45

Tgt Ion: 65 Resp: 257908
Ion Ratio Lower Upper
65 100
67 53.8 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: VD072693.D

Acq: 22 Apr 2022 14:45

Instrument :

MSVOA_D

ClientSampleId :

WC-16-1A-4-GR

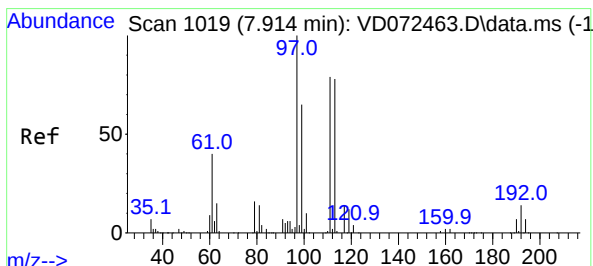
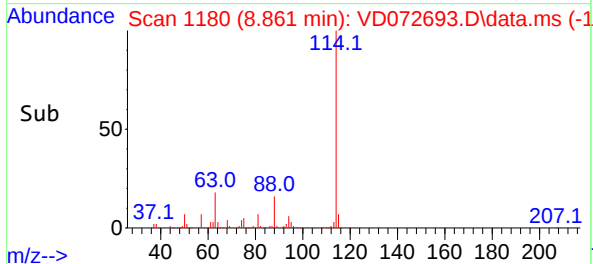
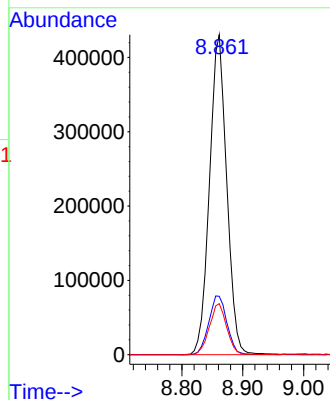
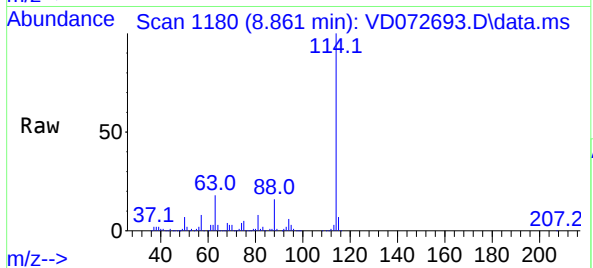
Tgt Ion:114 Resp: 845191

Ion Ratio Lower Upper

114 100

63 18.2 0.0 46.6

88 15.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 40.006 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD072693.D

Acq: 22 Apr 2022 14:45

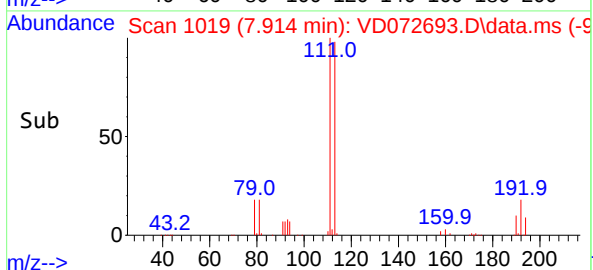
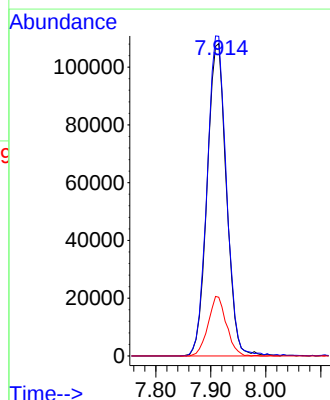
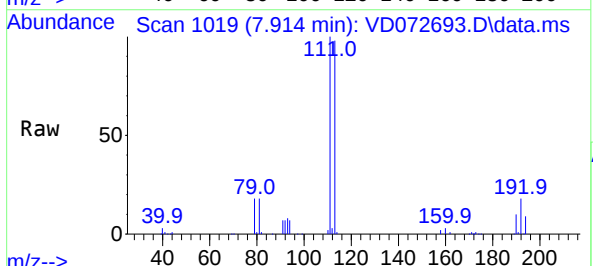
Tgt Ion:113 Resp: 262776

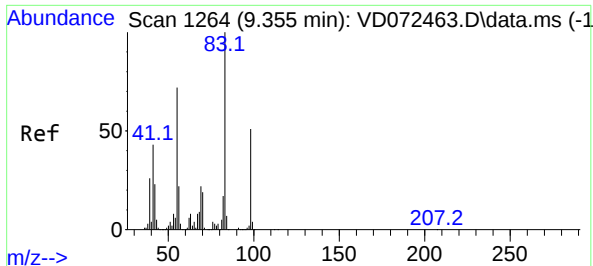
Ion Ratio Lower Upper

113 100

111 103.1 83.8 125.6

192 18.2 14.6 21.8

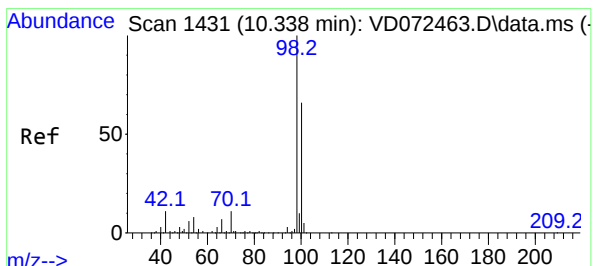
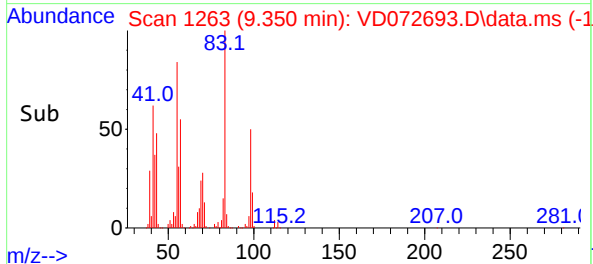
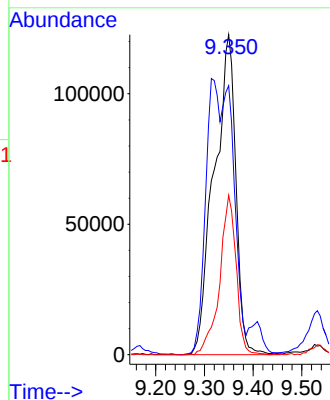
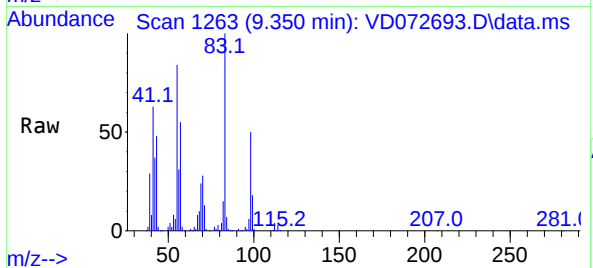




#39
Methylcyclohexane
Concen: 39.523 ug/l
RT: 9.350 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD072693.D
Acq: 22 Apr 2022 14:45

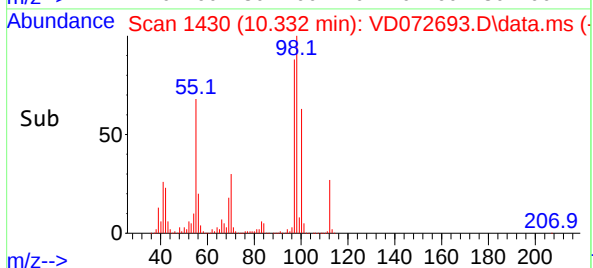
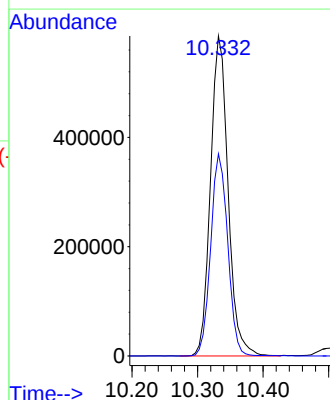
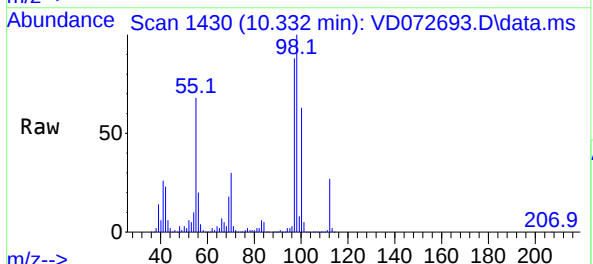
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-4-GR

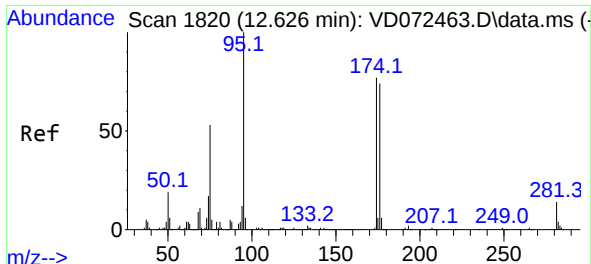
Tgt Ion: 83 Resp: 380106
Ion Ratio Lower Upper
83 100
55 84.0 63.2 94.8
98 49.8 38.2 57.4



#50
Toluene-d8
Concen: 47.804 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072693.D
Acq: 22 Apr 2022 14:45

Tgt Ion: 98 Resp: 1091447
Ion Ratio Lower Upper
98 100
100 61.2 52.4 78.6

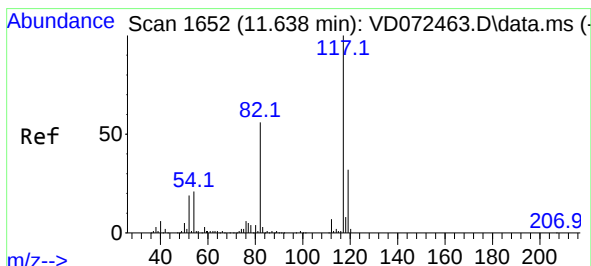
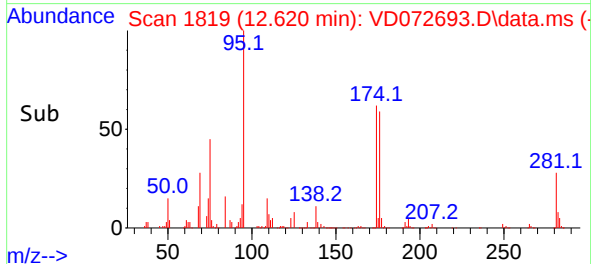
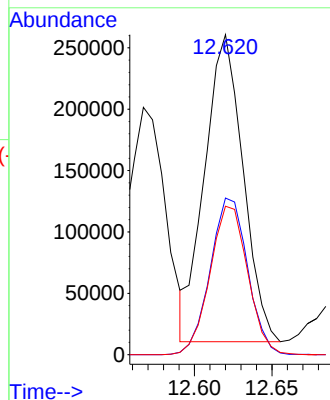
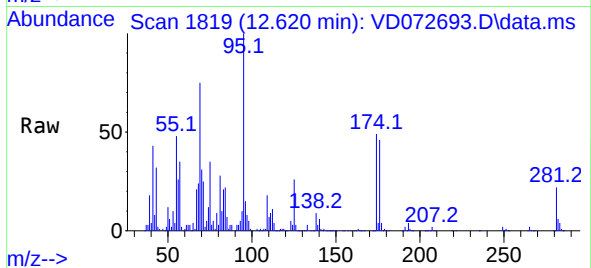




#62
4-Bromofluorobenzene
Concen: 48.295 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072693.D
Acq: 22 Apr 2022 14:45

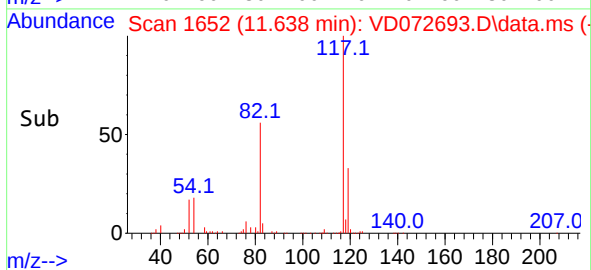
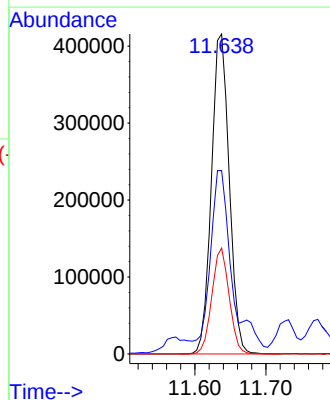
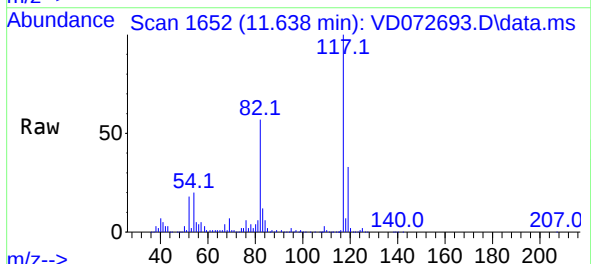
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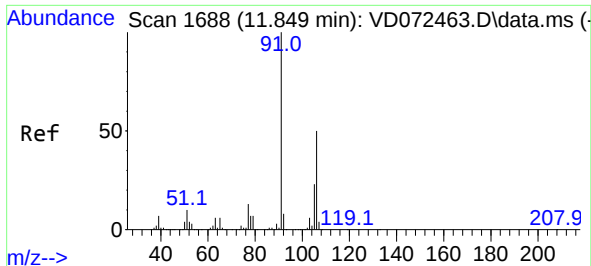
Tgt Ion: 95 Resp: 430640
Ion Ratio Lower Upper
95 100
174 49.8 0.0 152.8
176 47.7 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072693.D
Acq: 22 Apr 2022 14:45

Tgt Ion: 117 Resp: 723806
Ion Ratio Lower Upper
117 100
82 53.1 45.3 67.9
119 33.1 26.6 40.0

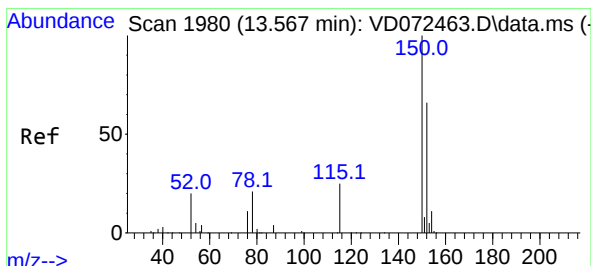
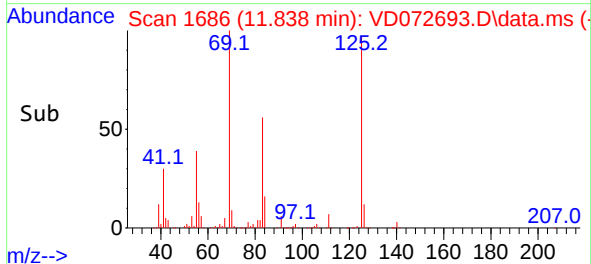
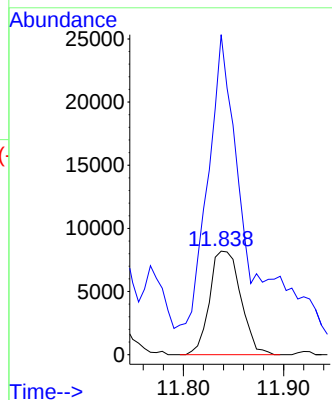
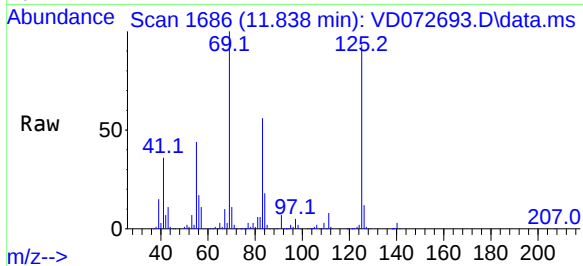




#68
m/p-Xylenes
Concen: 1.645 ug/l
RT: 11.838 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD072693.D
Acq: 22 Apr 2022 14:45

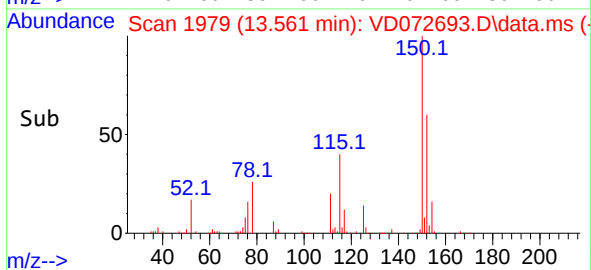
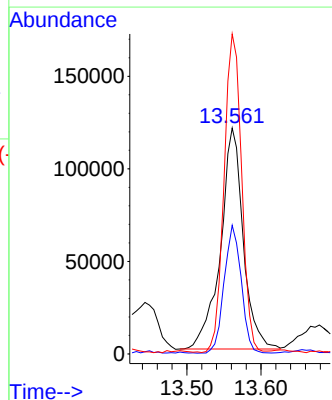
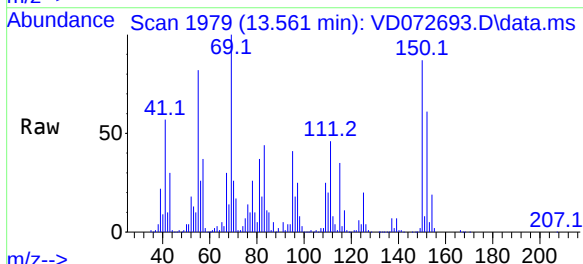
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-4-GR

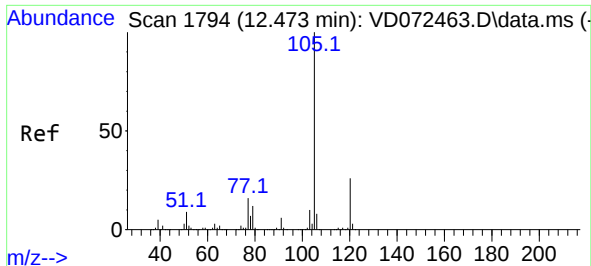
Tgt Ion:106 Resp: 17624
Ion Ratio Lower Upper
106 100
91 263.1 163.7 245.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072693.D
Acq: 22 Apr 2022 14:45

Tgt Ion:152 Resp: 254337
Ion Ratio Lower Upper
152 100
115 43.4 31.3 93.8
150 111.4 0.0 348.6

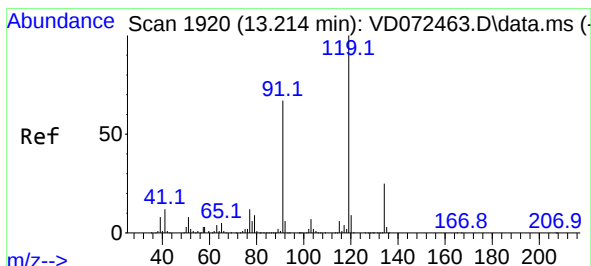
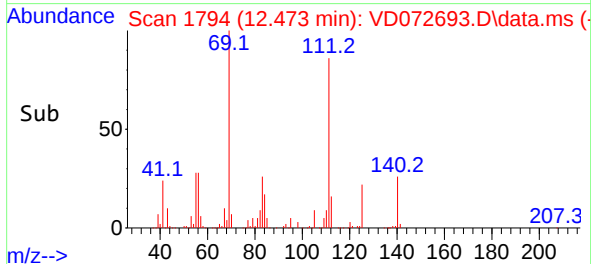
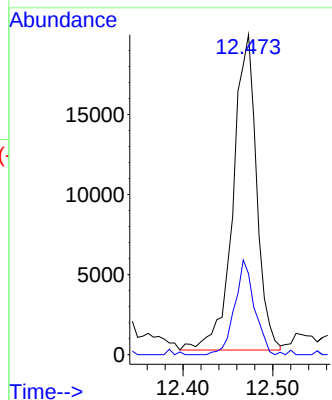
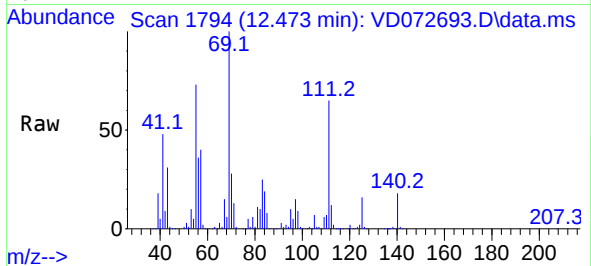




#73
Isopropylbenzene
Concen: 1.745 ug/l
RT: 12.473 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072693.D
Acq: 22 Apr 2022 14:45

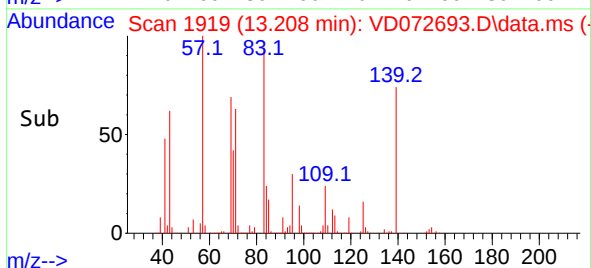
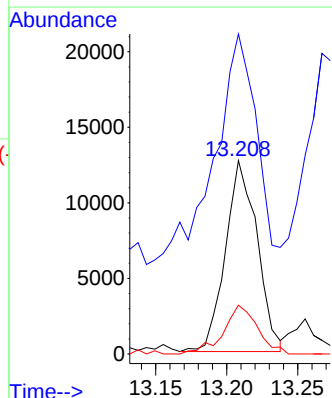
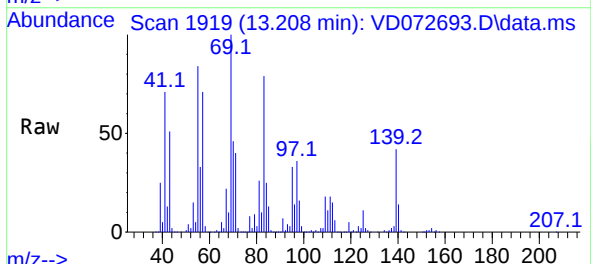
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-4-GR

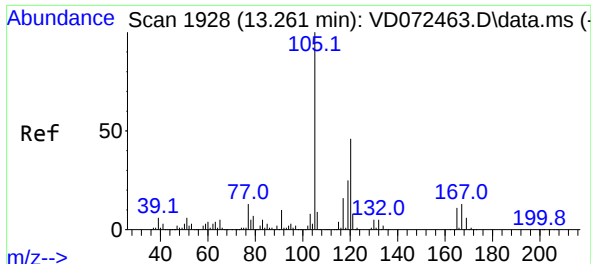
Tgt Ion:105 Resp: 35847
Ion Ratio Lower Upper
105 100
120 25.1 13.0 38.9



#83
tert-Butylbenzene
Concen: 1.288 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.006 min
Lab File: VD072693.D
Acq: 22 Apr 2022 14:45

Tgt Ion:119 Resp: 19623
Ion Ratio Lower Upper
119 100
91 161.1 34.8 104.5#
134 27.3 13.3 39.9

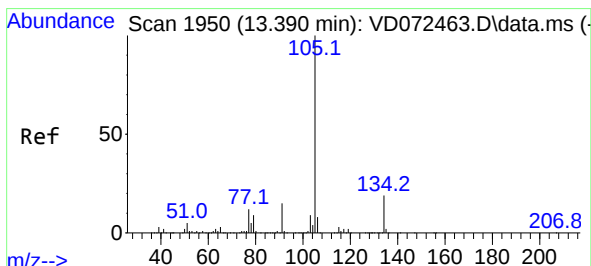
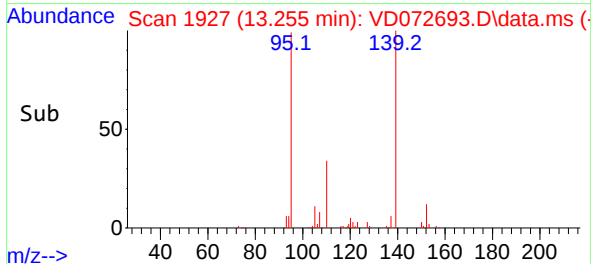
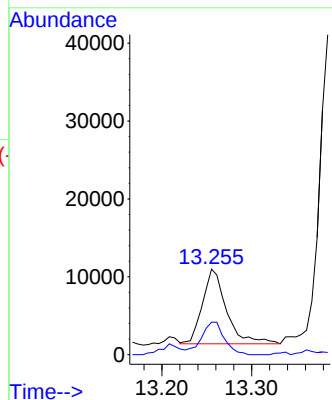
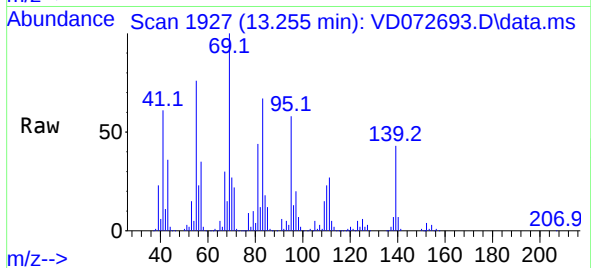




#84
1,2,4-Trimethylbenzene
Concen: 1.030 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072693.D
Acq: 22 Apr 2022 14:45

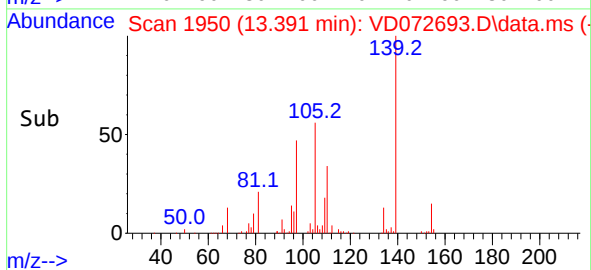
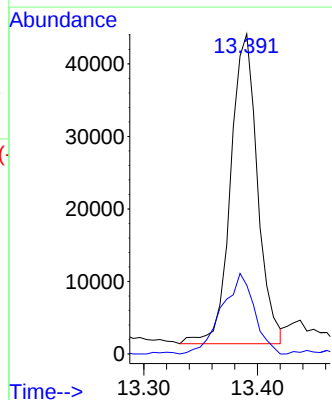
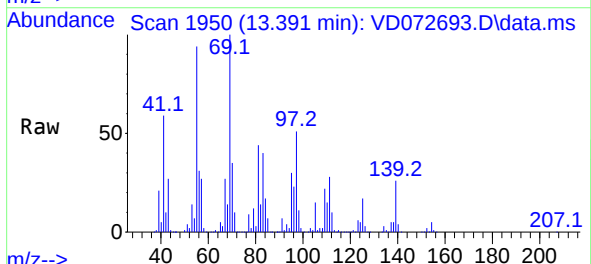
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-4-GR

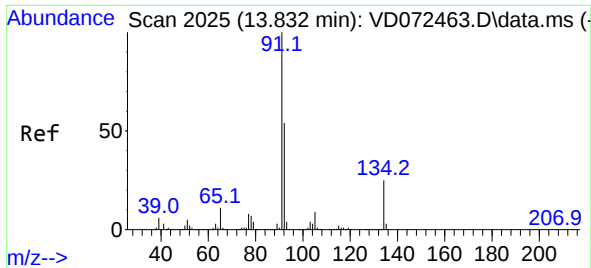
Tgt Ion:105 Resp: 17720
Ion Ratio Lower Upper
105 100
120 41.7 22.3 66.8



#85
sec-Butylbenzene
Concen: 3.059 ug/l
RT: 13.391 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VD072693.D
Acq: 22 Apr 2022 14:45

Tgt Ion:105 Resp: 70171
Ion Ratio Lower Upper
105 100
134 31.5 9.8 29.3#





#89

n-Butylbenzene

Concen: 2.904 ug/l

RT: 13.826 min Scan# 20

Delta R.T. -0.006 min

Lab File: VD072693.D

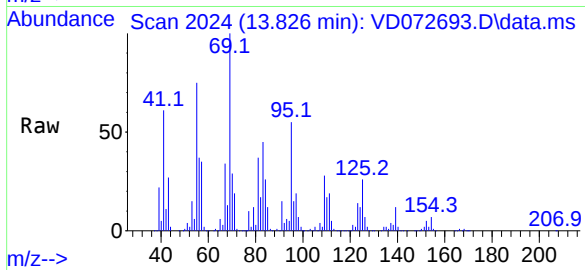
Acq: 22 Apr 2022 14:45

Instrument :

MSVOA_D

ClientSampleId :

WC-16-1A-4-GR



Tgt Ion: 91 Resp: 51871

Ion Ratio Lower Upper

91 100

92 44.2 26.6 79.8

134 23.3 12.3 36.9

