

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
 Data File : VW018696.D
 Acq On : 20 Apr 2021 17:12
 Operator : SY/VA
 Sample : M2065-17
 Misc : 3.41G/10ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG570

Quant Time: Apr 21 01:31:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 21 01:26:40 2021
 Response via : Initial Calibration

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

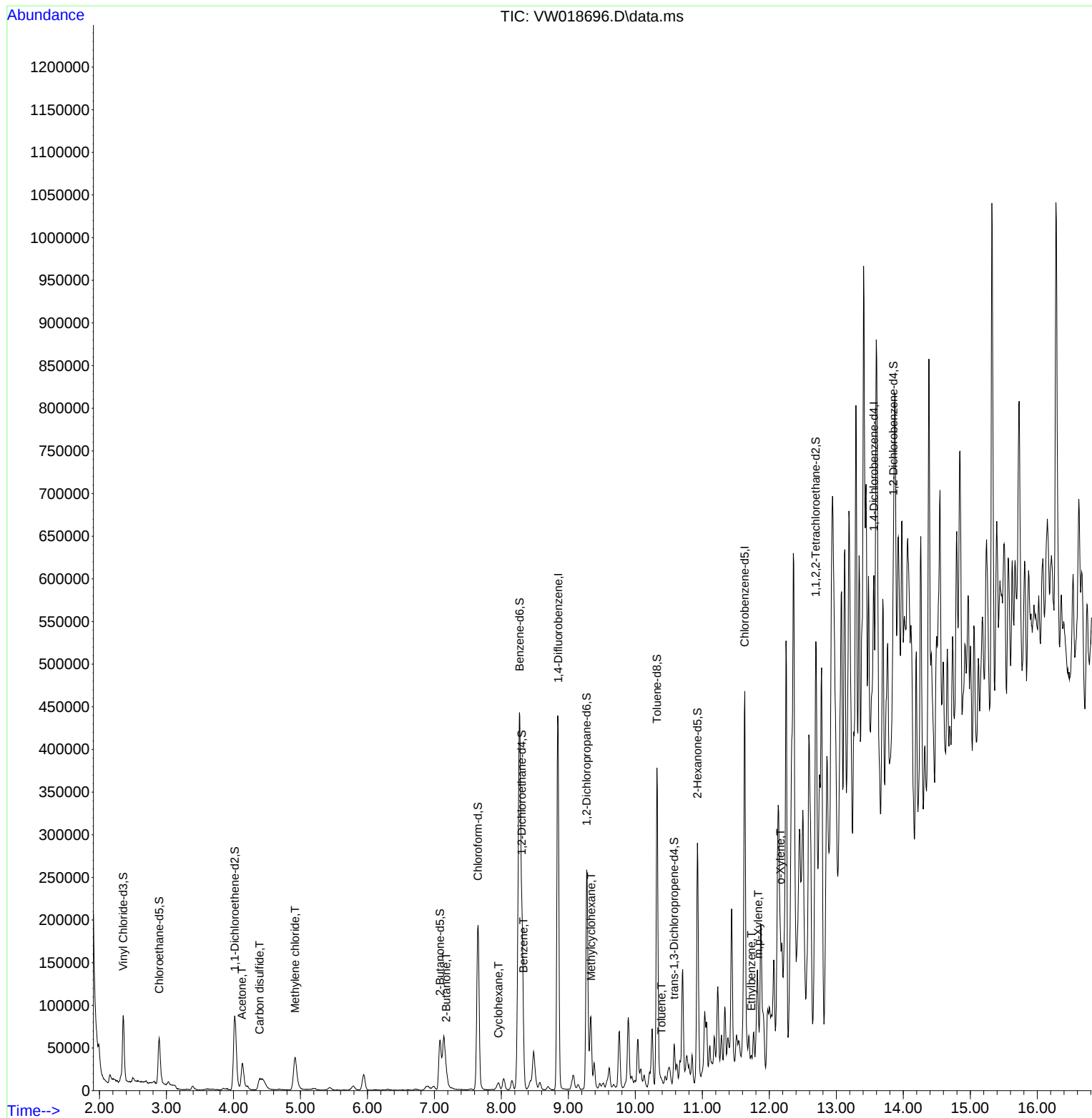
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	376426	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	223980	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	62584	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	76220	13.32	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	53.28%		
7) Chloroethane-d5	2.891	69	70499	13.91	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	55.64%		
11) 1,1-Dichloroethene-d2	4.019	63	93474	9.41	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	37.64%#		
21) 2-Butanone-d5	7.086	46	98789	75.87	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	151.74%#		
24) Chloroform-d	7.653	84	200970	19.45	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	77.80%		
26) 1,2-Dichloroethane-d4	8.305	65	128320	22.09	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	88.36%		
32) Benzene-d6	8.275	84	323131	24.59	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	98.36%		
36) 1,2-Dichloropropane-d6	9.274	67	118567	29.94	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	119.76%		
41) Toluene-d8	10.323	98	214326	17.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	71.36%		
43) trans-1,3-Dichloroprop...	10.579	79	24612	14.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	58.40%		
47) 2-Hexanone-d5	10.927	63	79394	115.31	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	230.62%#		
56) 1,1,2,2-Tetrachloroeth...	12.694	84	108135	32.70	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	130.80%#		
66) 1,2-Dichlorobenzene-d4	13.853	152	43872	19.95	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	79.80%		
Target Compounds					Qvalue	
13) Acetone	4.129	43	56470	59.74	ug/L	86
14) Carbon disulfide	4.391	76	25298	1.72	ug/L	99
16) Methylene chloride	4.921	84	32159	5.21	ug/L	94
22) 2-Butanone	7.177	43	20578	14.33	ug/L	86
29) Cyclohexane	7.958	56	4518	0.82	ug/L #	93
33) Benzene	8.329	78	35136	2.50	ug/L	100
35) Methylcyclohexane	9.341	83	24210	3.85	ug/L #	71
42) Toluene	10.390	91	6185	0.41	ug/L	92
52) Ethylbenzene	11.731	91	6445	0.39	ug/L	99
53) m,p-Xylene	11.835	106	7768	1.27	ug/L	97
54) o-Xylene	12.164	106	18548	3.16	ug/L	99

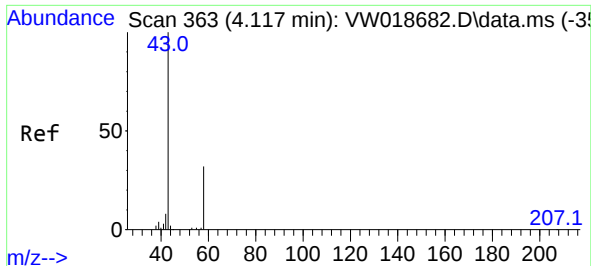
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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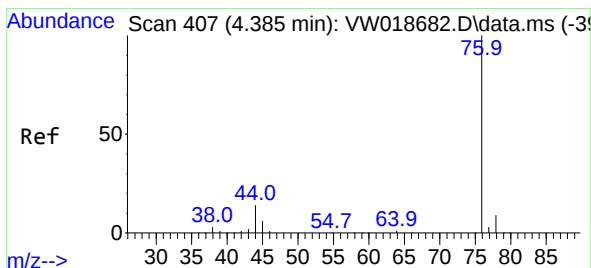
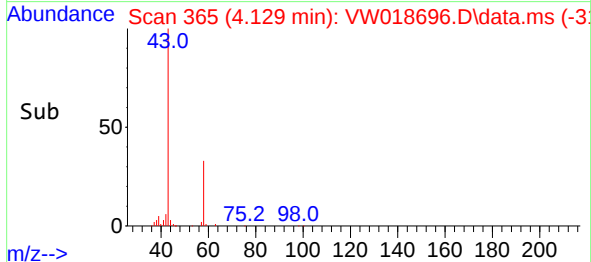
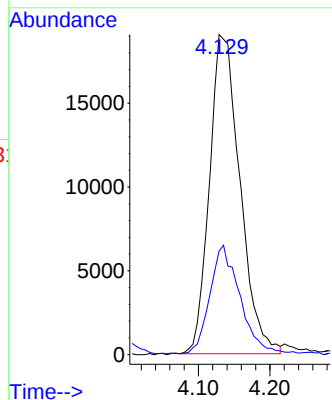
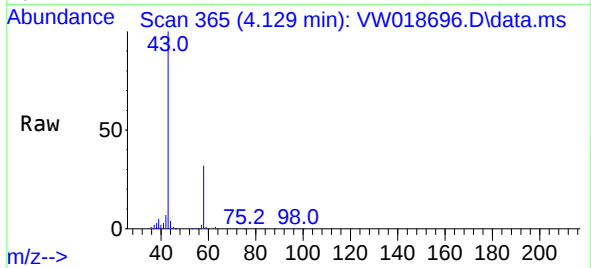




#13
Acetone
Concen: 59.74 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW018696.D
Acq: 20 Apr 2021 17:12

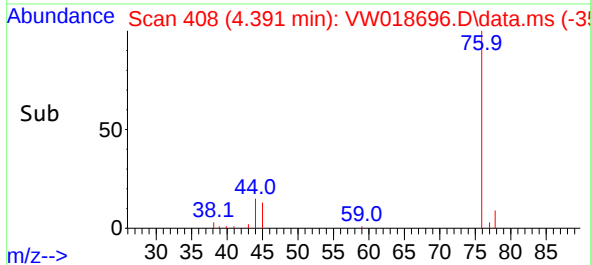
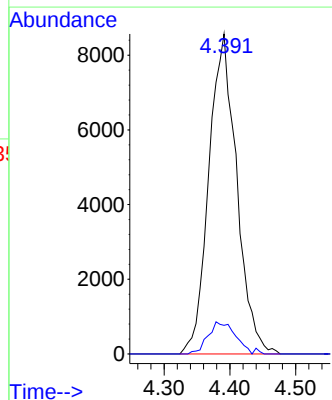
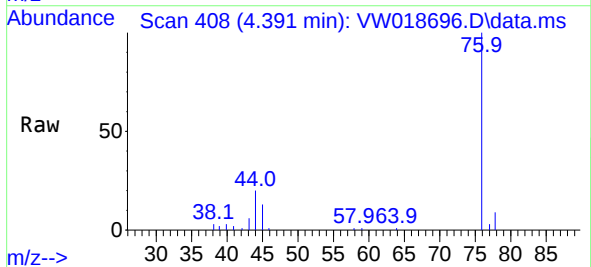
Instrument :
MSVOA_W
ClientSampled :
BG570

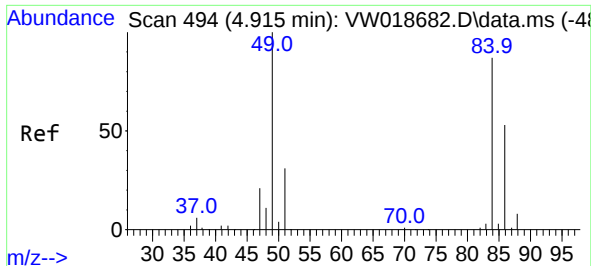
Tgt Ion: 43 Resp: 56470
Ion Ratio Lower Upper
43 100
58 34.1 0.0 53.8



#14
Carbon disulfide
Concen: 1.72 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018696.D
Acq: 20 Apr 2021 17:12

Tgt Ion: 76 Resp: 25298
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

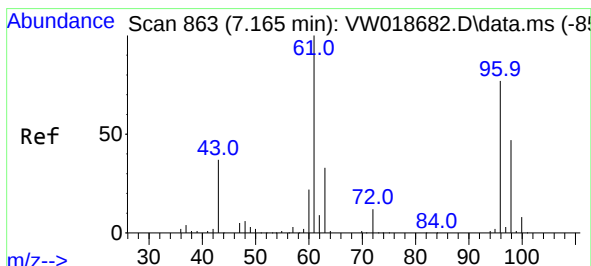
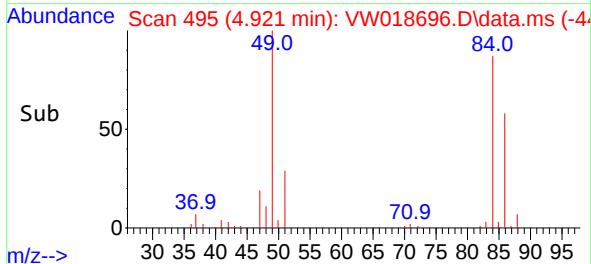
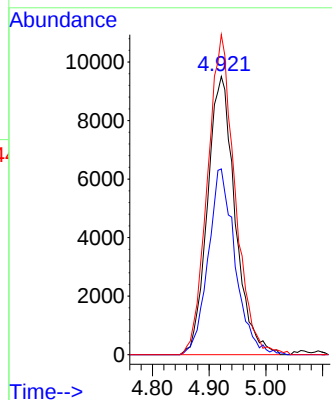
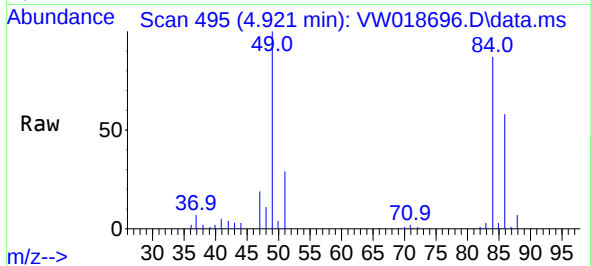




#16
Methylene chloride
Concen: 5.21 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018696.D
Acq: 20 Apr 2021 17:12

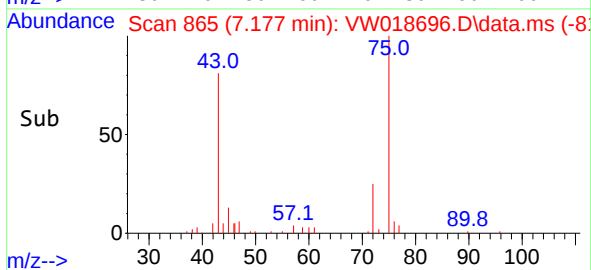
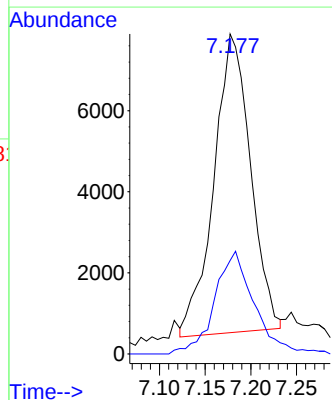
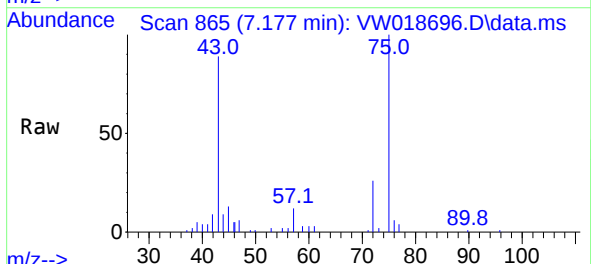
Instrument :
MSVOA_W
ClientSampled :
BG570

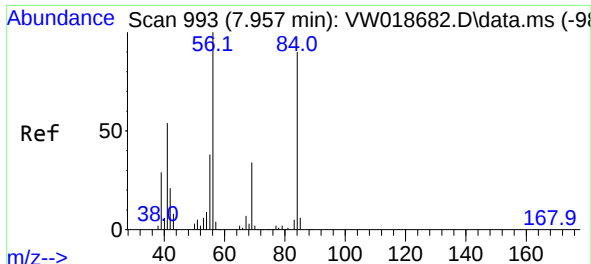
Tgt Ion: 84 Resp: 32159
Ion Ratio Lower Upper
84 100
86 66.7 45.3 84.1
49 115.0 86.6 160.8



#22
2-Butanone
Concen: 14.33 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.012 min
Lab File: VW018696.D
Acq: 20 Apr 2021 17:12

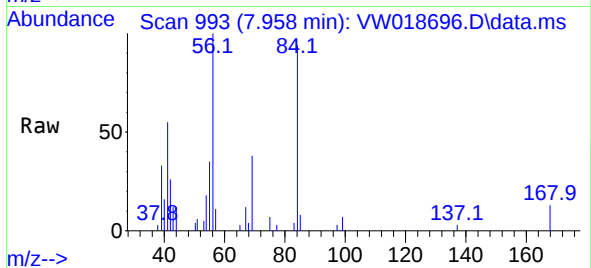
Tgt Ion: 43 Resp: 20578
Ion Ratio Lower Upper
43 100
72 37.2 14.9 44.7



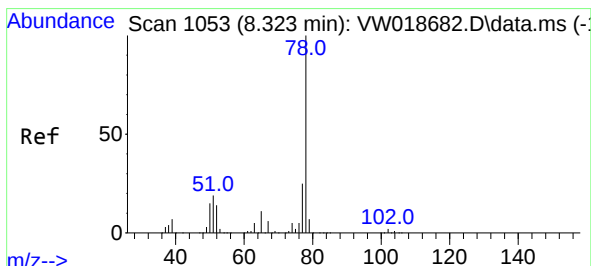
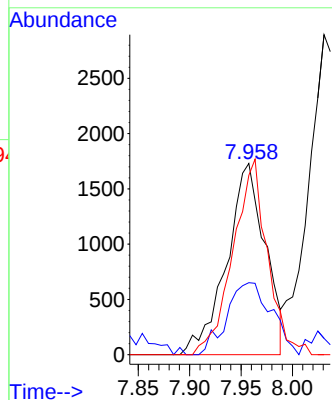
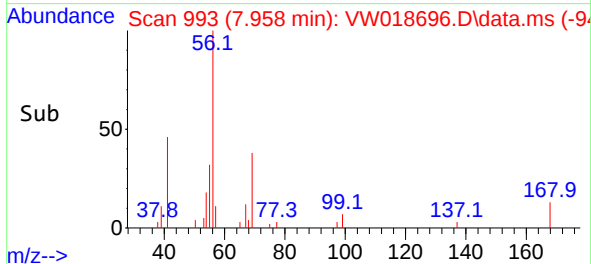


#29
Cyclohexane
Concen: 0.82 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW018696.D
Acq: 20 Apr 2021 17:12

Instrument :
MSVOA_W
ClientSampled :
BG570

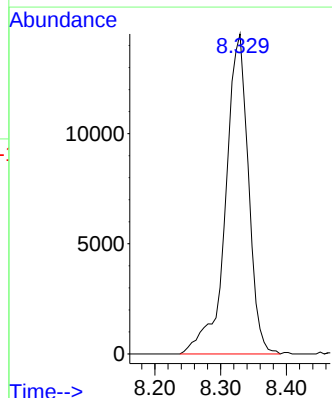
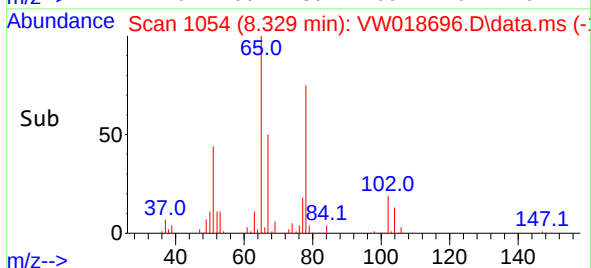
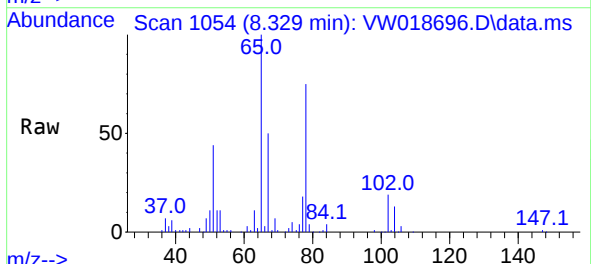


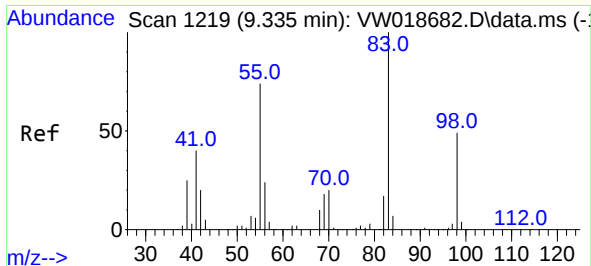
Tgt Ion: 56 Resp: 4518
Ion Ratio Lower Upper
56 100
69 40.1 24.5 36.7#
84 90.5 75.0 112.4



#33
Benzene
Concen: 2.50 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW018696.D
Acq: 20 Apr 2021 17:12

Tgt Ion: 78 Resp: 35136

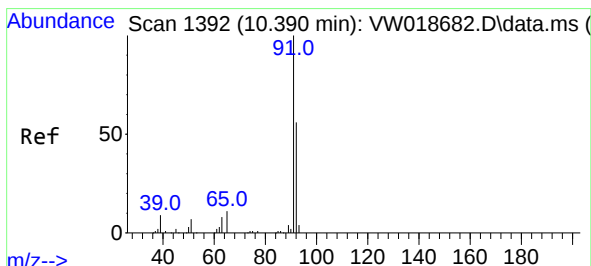
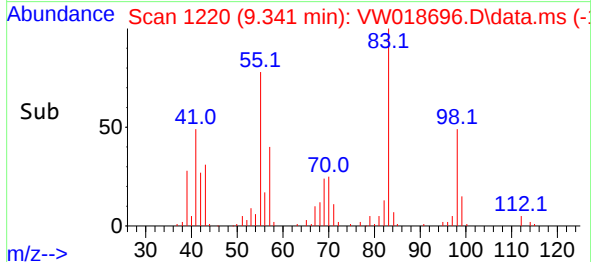
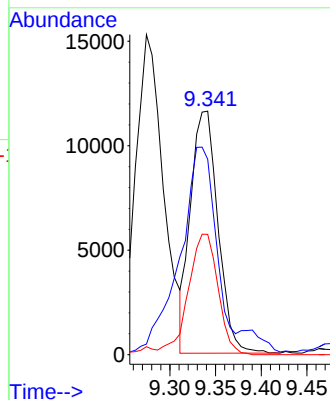
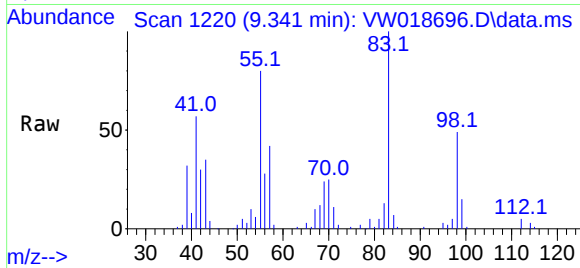




#35
Methylcyclohexane
Concen: 3.85 ug/L
RT: 9.341 min Scan# 1220
Delta R.T. 0.006 min
Lab File: VW018696.D
Acq: 20 Apr 2021 17:12

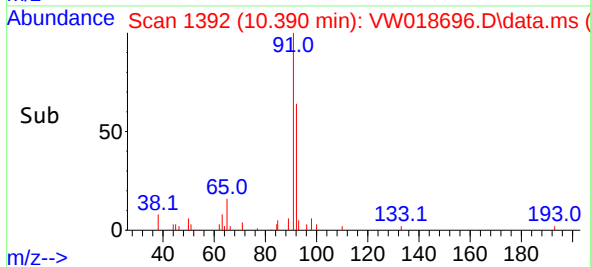
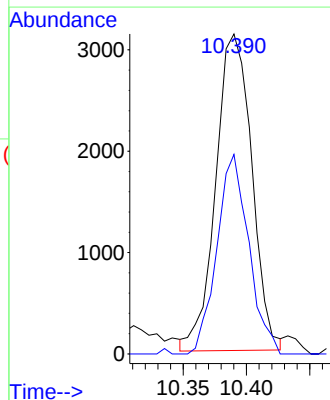
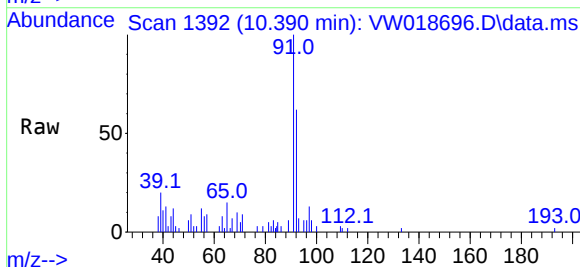
Instrument :
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ClientSampleId :
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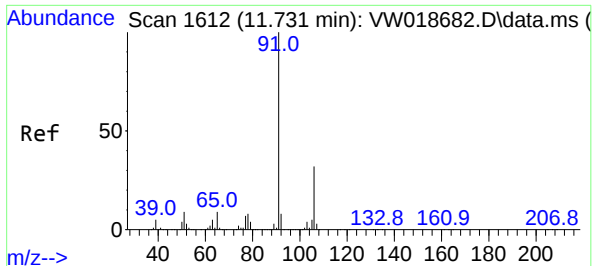
Tgt Ion: 83 Resp: 24210
Ion Ratio Lower Upper
83 100
55 111.9 58.9 88.3#
98 53.7 40.1 60.1



#42
Toluene
Concen: 0.41 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW018696.D
Acq: 20 Apr 2021 17:12

Tgt Ion: 91 Resp: 6185
Ion Ratio Lower Upper
91 100
92 62.4 39.5 73.3

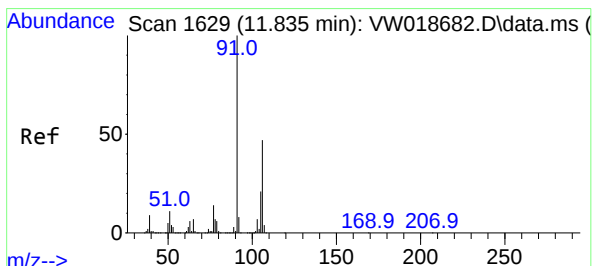
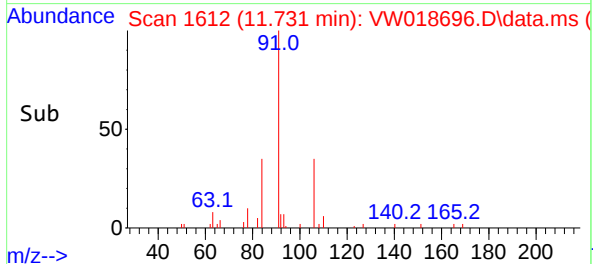
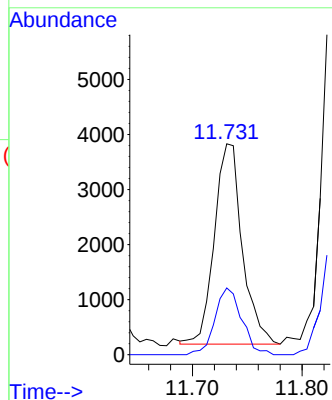
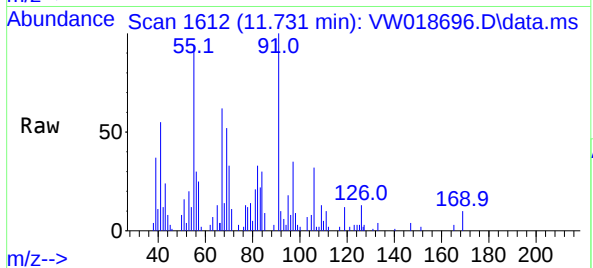




#52
Ethylbenzene
Concen: 0.39 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018696.D
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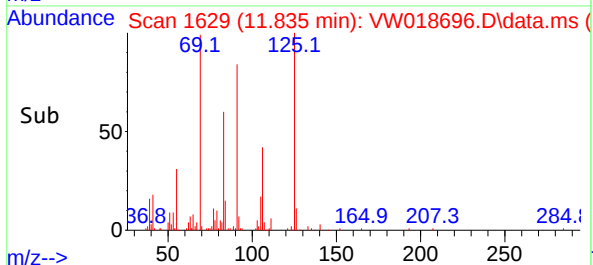
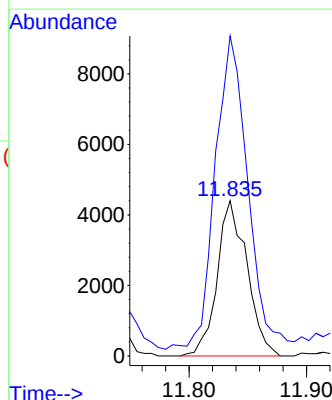
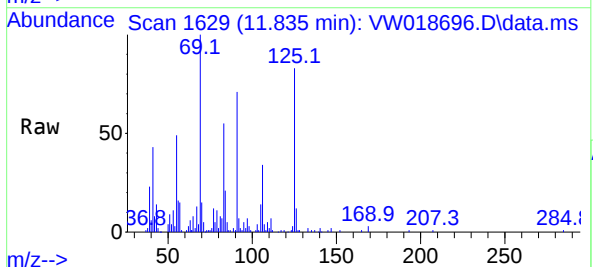
Instrument :
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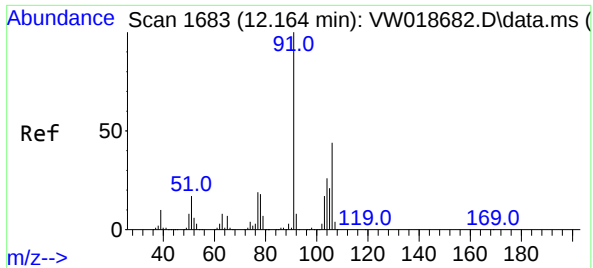
Tgt Ion: 91 Resp: 6445
Ion Ratio Lower Upper
91 100
106 31.7 22.5 41.7



#53
m,p-Xylene
Concen: 1.27 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW018696.D
Acq: 20 Apr 2021 17:12

Tgt Ion: 106 Resp: 7768
Ion Ratio Lower Upper
106 100
91 206.1 141.3 262.3





#54
o-Xylene
Concen: 3.16 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018696.D
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Instrument :
MSVOA_W
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Tgt Ion:106 Resp: 18548
Ion Ratio Lower Upper
106 100
91 212.2 150.0 278.6

