

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
 Data File : VW018711.D
 Acq On : 21 Apr 2021 14:45
 Operator : SY/VA
 Sample : M2065-17RE
 Misc : 3.16G/10ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG570RE

Quant Time: Apr 22 01:23:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 22 01:20:40 2021
 Response via : Initial Calibration

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

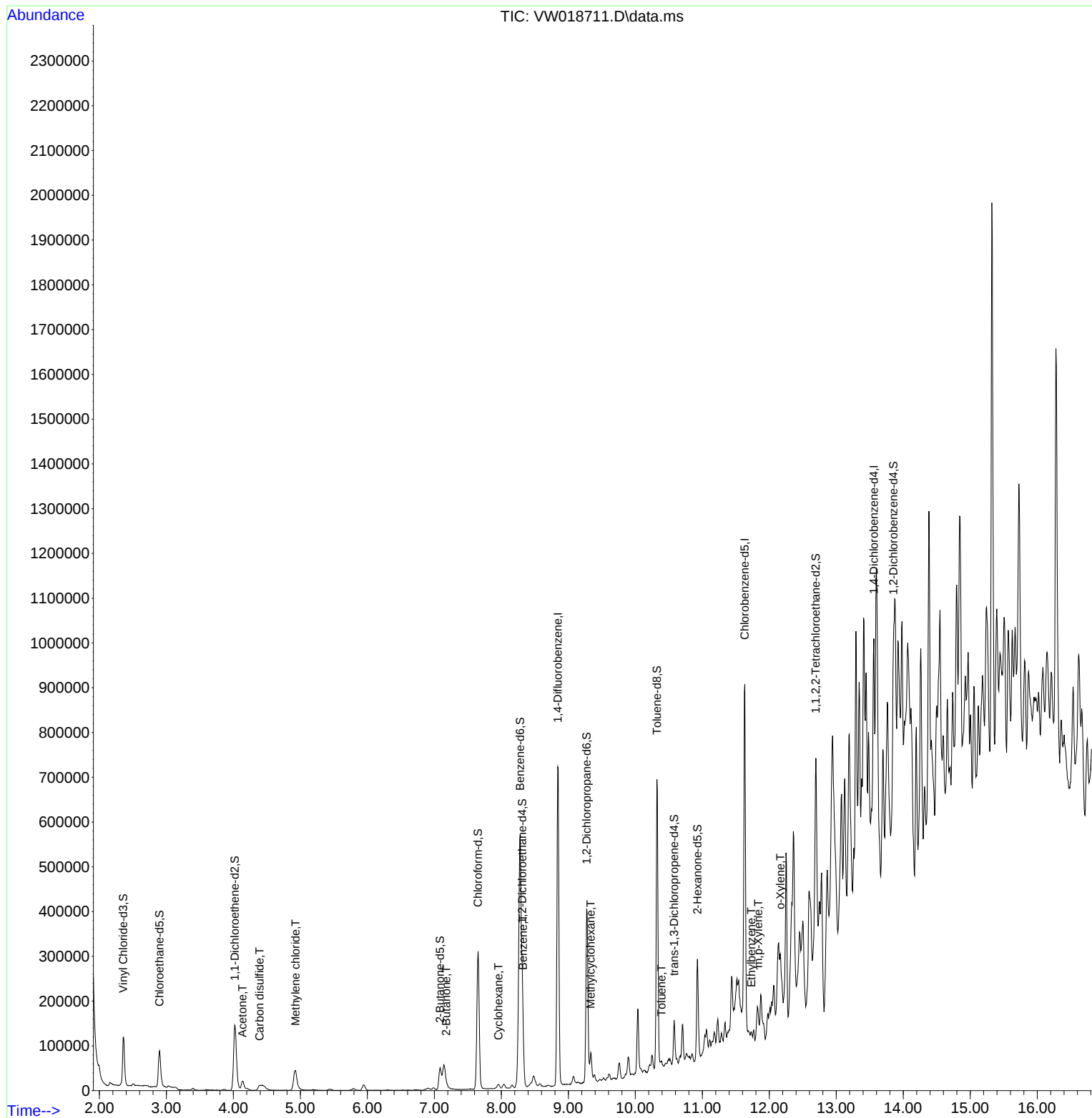
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	608044	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	421239	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	122117	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	120597	13.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.20%
7) Chloroethane-d5	2.898	69	111985	13.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.68%
11) 1,1-Dichloroethene-d2	4.019	63	156462	9.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	39.00%#
21) 2-Butanone-d5	7.086	46	83339	39.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.24%
24) Chloroform-d	7.653	84	307805	18.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.80%
26) 1,2-Dichloroethane-d4	8.311	65	168178	17.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	71.72%
32) Benzene-d6	8.281	84	534212	21.62	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.48%
36) 1,2-Dichloropropane-d6	9.274	67	180216	24.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.80%
41) Toluene-d8	10.323	98	411533	18.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.84%
43) trans-1,3-Dichloroprop...	10.579	79	51154	16.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.56%
47) 2-Hexanone-d5	10.927	63	72837	56.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.50%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	129099	20.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.04%
66) 1,2-Dichlorobenzene-d4	13.853	152	89680	20.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.60%
Target Compounds					Qvalue	
13) Acetone	4.135	43	38040	24.92	ug/L	89
14) Carbon disulfide	4.391	76	22961	0.97	ug/L	99
16) Methylene chloride	4.928	84	39045	3.92	ug/L	95
22) 2-Butanone	7.177	43	14872	6.41	ug/L	96
29) Cyclohexane	7.958	56	4998	0.48	ug/L #	91
33) Benzene	8.323	78	42331	1.60	ug/L	100
35) Methylcyclohexane	9.335	83	21556	1.82	ug/L #	82
42) Toluene	10.390	91	10612	0.37	ug/L	100
52) Ethylbenzene	11.731	91	11535	0.37	ug/L	92
53) m,p-Xylene	11.835	106	12826	1.11	ug/L	73
54) o-Xylene	12.164	106	30021	2.72	ug/L	91

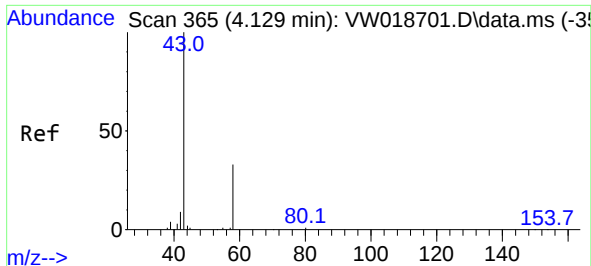
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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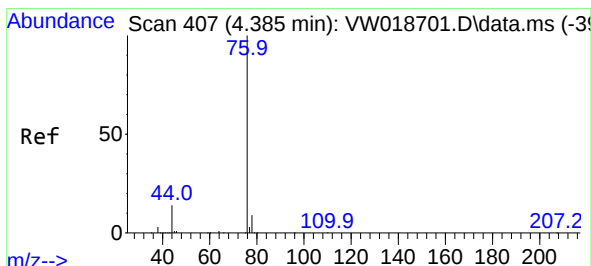
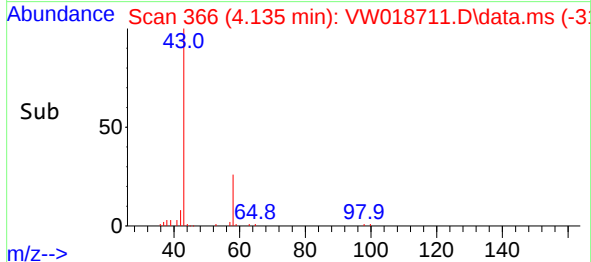
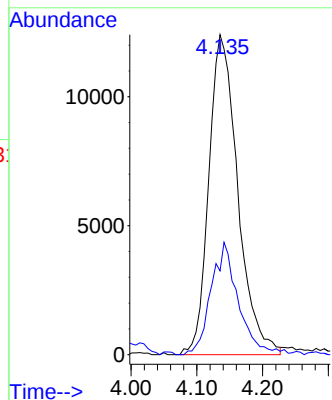
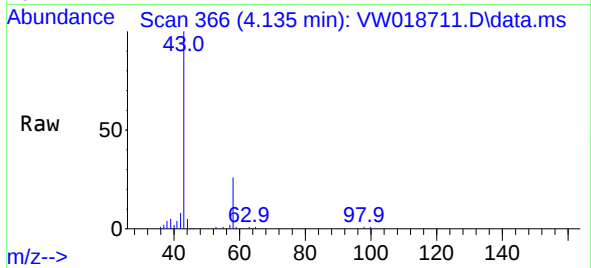




#13
Acetone
Concen: 24.92 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW018711.D
Acq: 21 Apr 2021 14:45

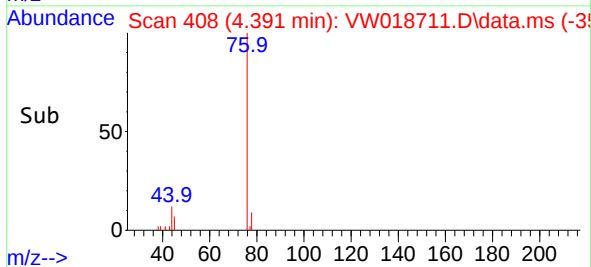
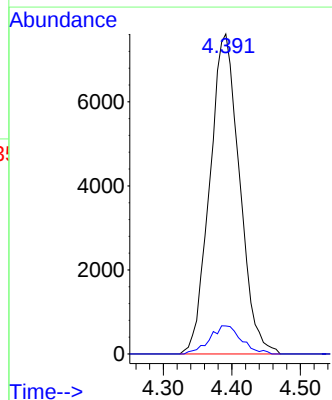
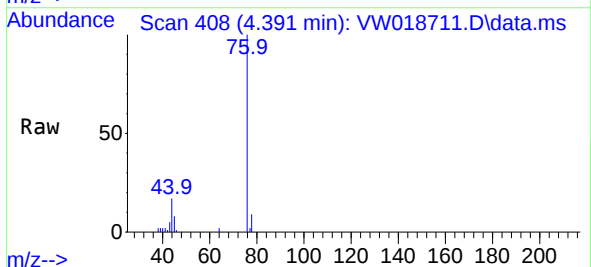
Instrument :
MSVOA_W
ClientSampleId :
BG570RE

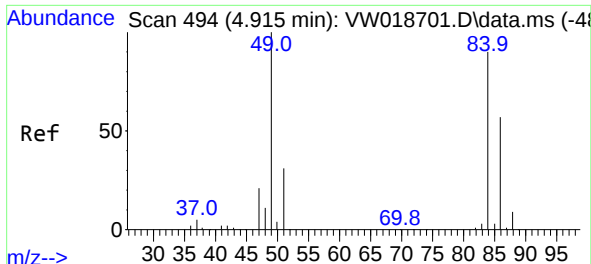
Tgt Ion: 43 Resp: 38040
Ion Ratio Lower Upper
43 100
58 32.5 0.0 53.8



#14
Carbon disulfide
Concen: 0.97 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018711.D
Acq: 21 Apr 2021 14:45

Tgt Ion: 76 Resp: 22961
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0

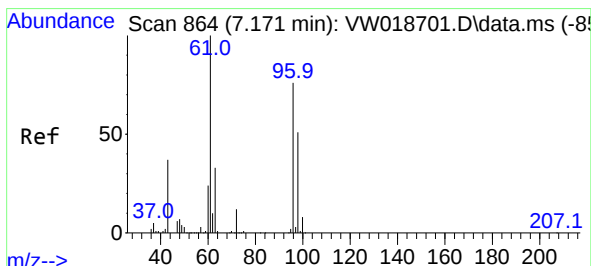
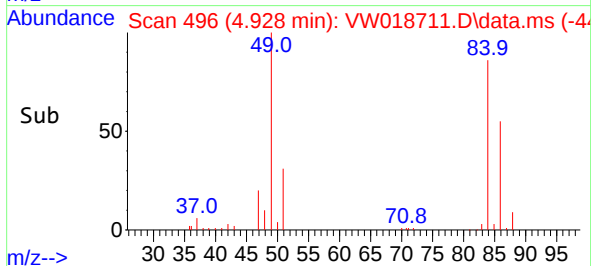
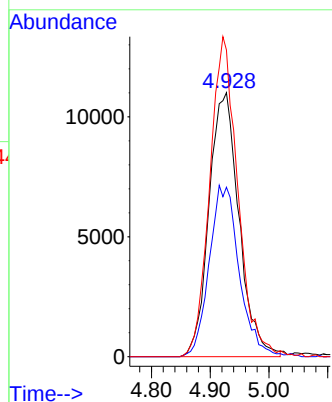
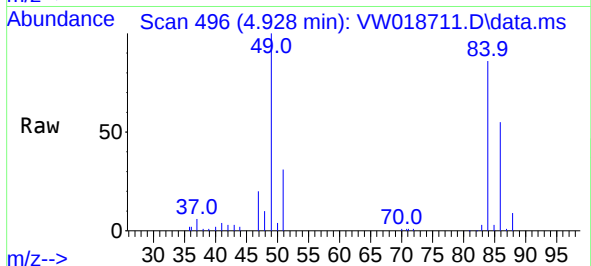




#16
Methylene chloride
Concen: 3.92 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.012 min
Lab File: VW018711.D
Acq: 21 Apr 2021 14:45

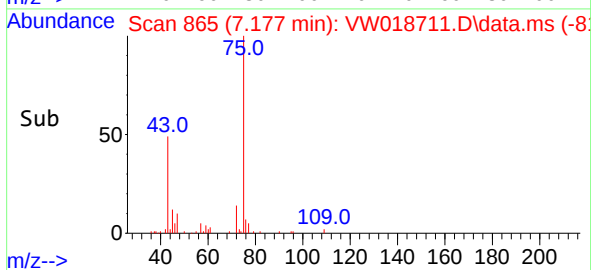
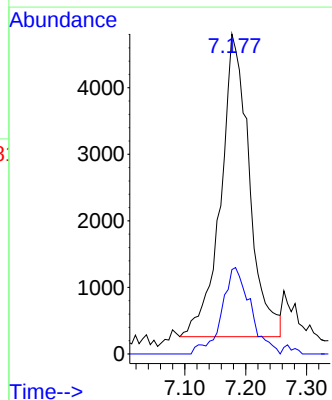
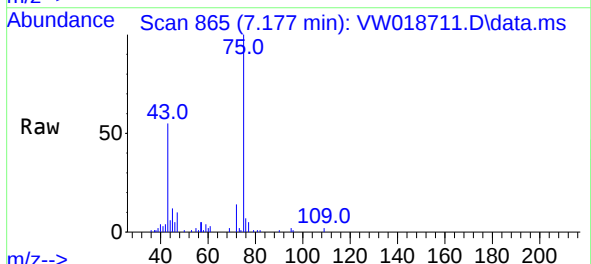
Instrument :
MSVOA_W
ClientSampleId :
BG570RE

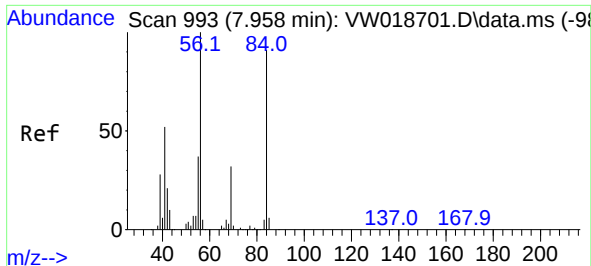
Tgt Ion: 84 Resp: 39045
Ion Ratio Lower Upper
84 100
86 64.2 45.3 84.1
49 116.2 86.6 160.8



#22
2-Butanone
Concen: 6.41 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW018711.D
Acq: 21 Apr 2021 14:45

Tgt Ion: 43 Resp: 14872
Ion Ratio Lower Upper
43 100
72 27.5 14.9 44.7





#29

Cyclohexane

Concen: 0.48 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW018711.D

Acq: 21 Apr 2021 14:45

Instrument :

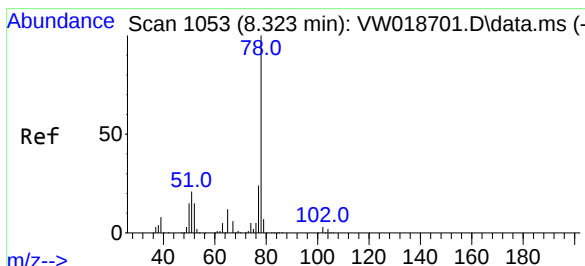
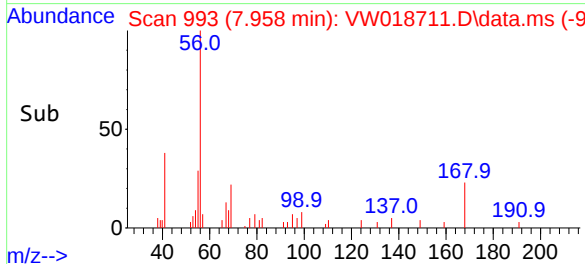
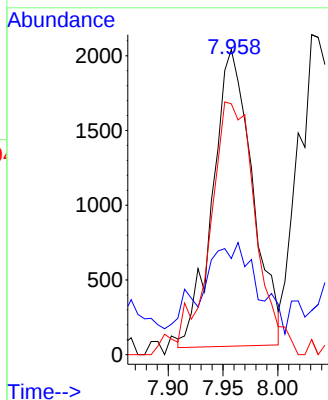
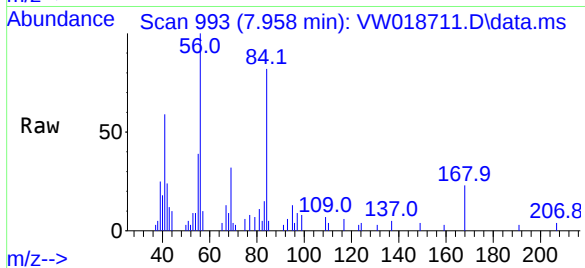
MSVOA_W

ClientSampleId :

BG570RE

Tgt Ion: 56 Resp: 4998

Ion	Ratio	Lower	Upper
56	100		
69	11.2	24.5	36.7#
84	93.0	75.0	112.4



#33

Benzene

Concen: 1.60 ug/L

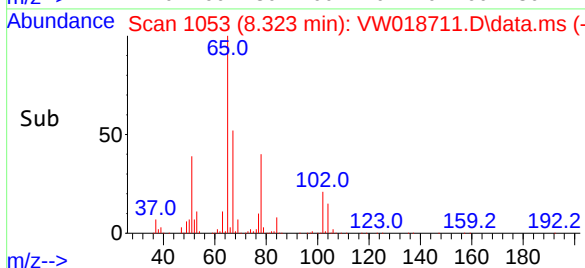
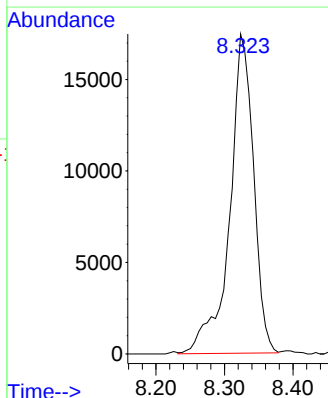
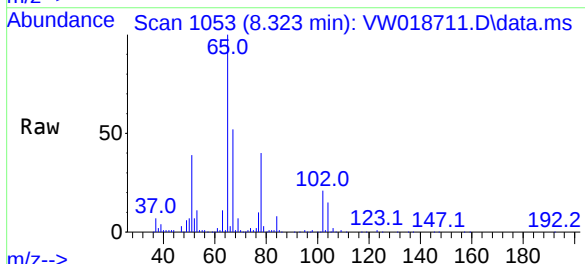
RT: 8.323 min Scan# 1053

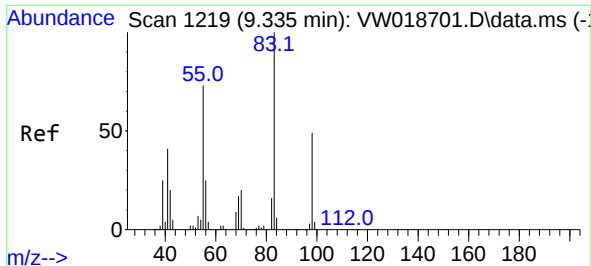
Delta R.T. 0.000 min

Lab File: VW018711.D

Acq: 21 Apr 2021 14:45

Tgt Ion: 78 Resp: 42331

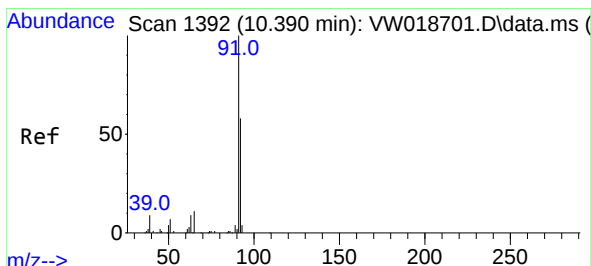
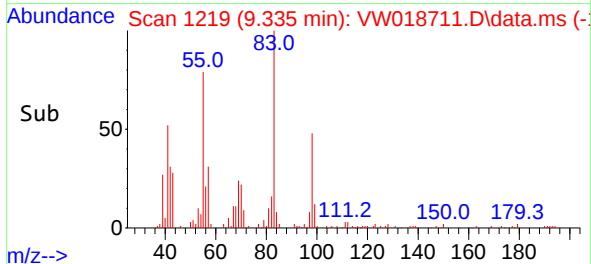
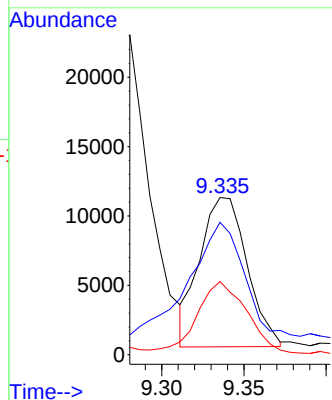
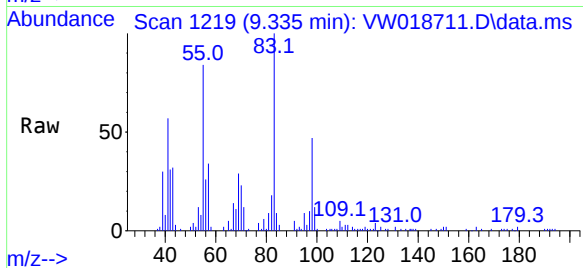




#35
Methylcyclohexane
Concen: 1.82 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018711.D
Acq: 21 Apr 2021 14:45

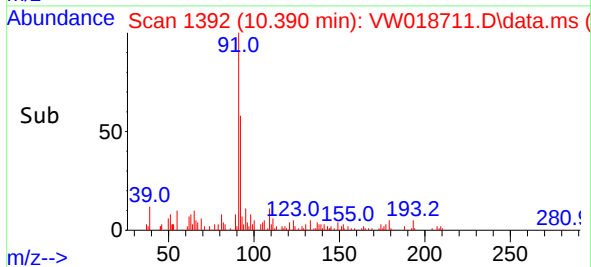
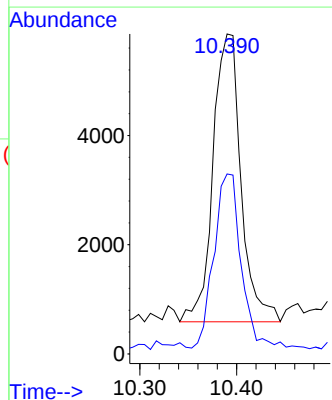
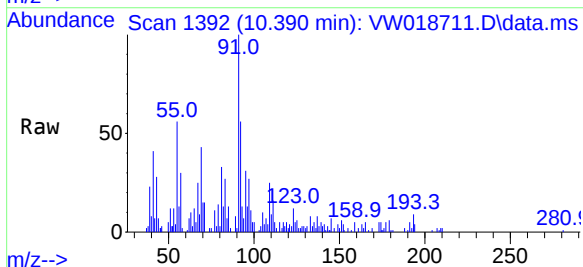
Instrument :
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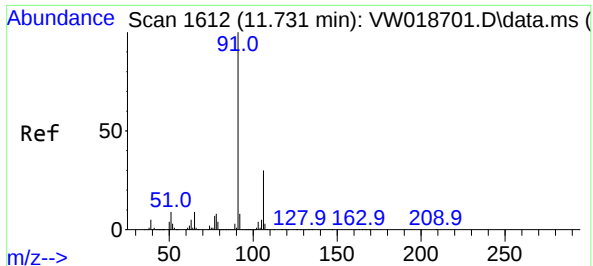
Tgt Ion: 83 Resp: 21556
Ion Ratio Lower Upper
83 100
55 99.3 58.9 88.3#
98 50.4 40.1 60.1



#42
Toluene
Concen: 0.37 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW018711.D
Acq: 21 Apr 2021 14:45

Tgt Ion: 91 Resp: 10612
Ion Ratio Lower Upper
91 100
92 56.3 39.5 73.3

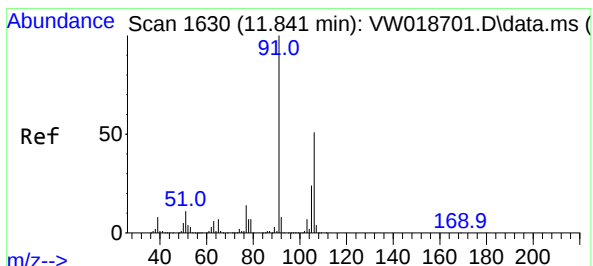
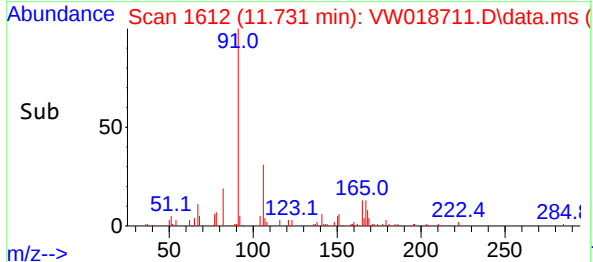
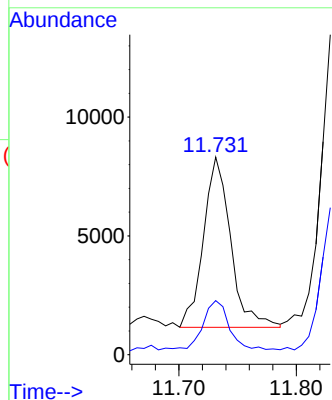
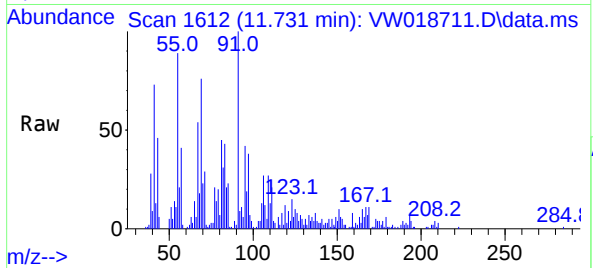




#52
Ethylbenzene
Concen: 0.37 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018711.D
Acq: 21 Apr 2021 14:45

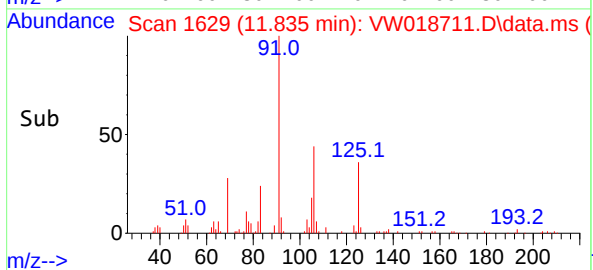
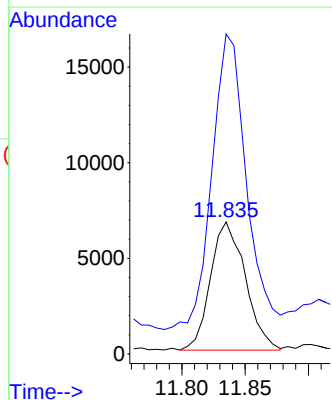
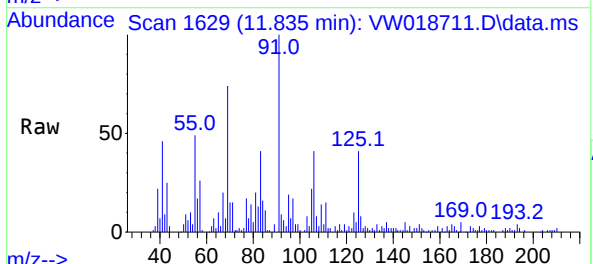
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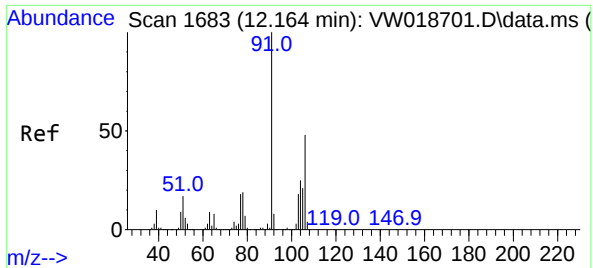
Tgt Ion: 91 Resp: 11535
Ion Ratio Lower Upper
91 100
106 27.4 22.5 41.7



#53
m,p-Xylene
Concen: 1.11 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW018711.D
Acq: 21 Apr 2021 14:45

Tgt Ion:106 Resp: 12826
Ion Ratio Lower Upper
106 100
91 242.4 141.3 262.3





#54
o-Xylene
Concen: 2.72 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018711.D
Acq: 21 Apr 2021 14:45

Instrument :
MSVOA_W
ClientSampleId :
BG570RE

Tgt Ion:106 Resp: 30021
Ion Ratio Lower Upper
106 100
91 229.0 150.0 278.6

