

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021521\
 Data File : VW018134.D
 Acq On : 15 Feb 2021 14:40
 Operator : SY/VA
 Sample : M1370-06RE
 Misc : 3.38G/10ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGY2RE

Quant Time: Feb 16 02:24:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 16 02:20:15 2021
 Response via : Initial Calibration

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

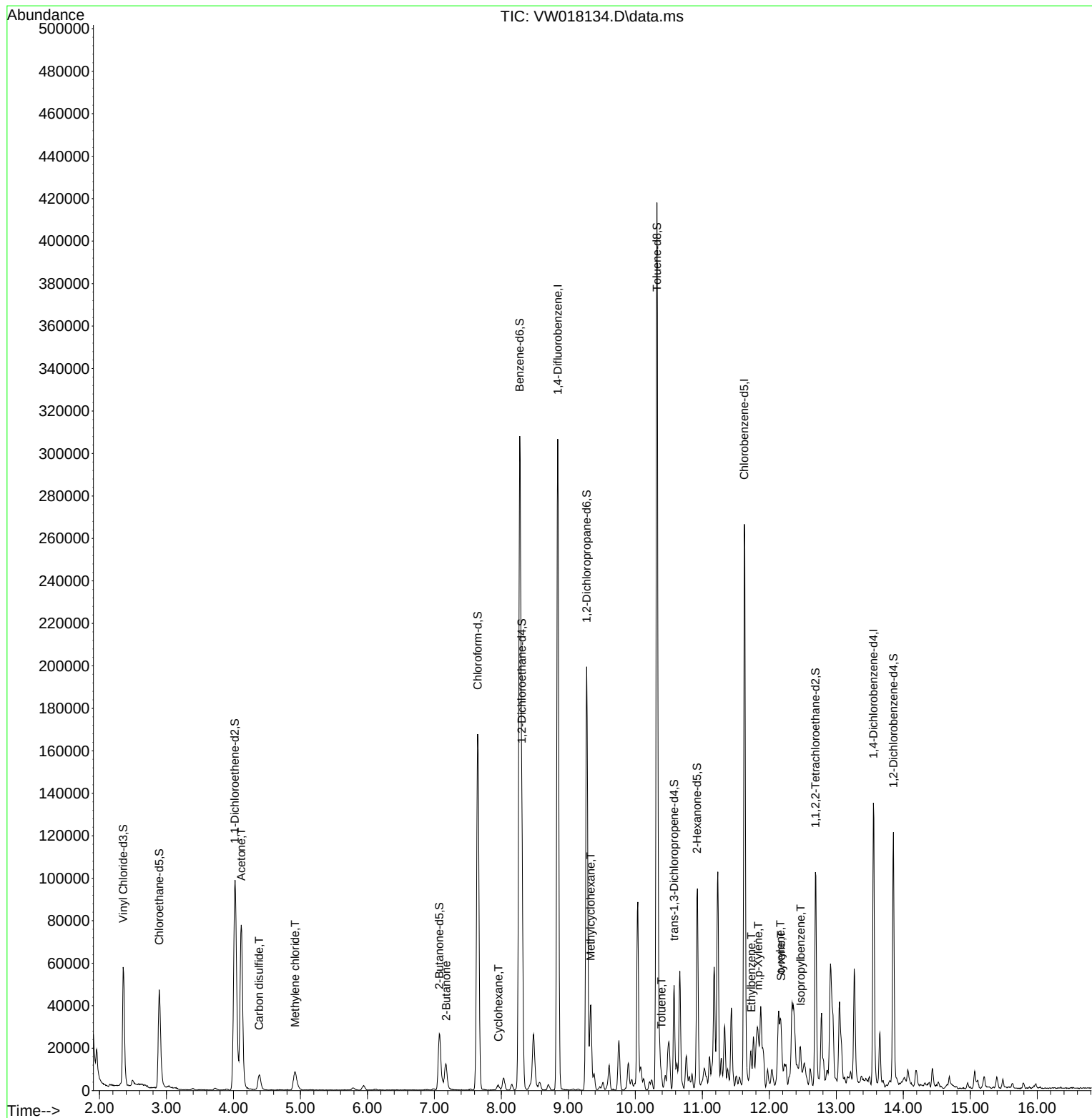
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	275918	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	157964	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	38311	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	70280	20.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.96%
7) Chloroethane-d5	2.891	69	66702	24.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.04%
10) 1,1-Dichloroethene-d2	4.019	63	108184	15.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.12%
20) 2-Butanone-d5	7.074	46	44961	49.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.26%
24) Chloroform-d	7.647	84	179266	24.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.04%
26) 1,2-Dichloroethane-d4	8.305	65	86544	22.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.76%
29) Benzene-d6	8.275	84	332192	38.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	153.20%#
33) 1,2-Dichloropropane-d6	9.274	67	93568	38.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	154.28%#
37) Toluene-d8	10.323	98	246230	29.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	119.36%
38) trans-1,3-Dichloroprop...	10.579	79	27416	24.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.72%
39) 2-Hexanone-d5	10.920	63	30443	65.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.28%
48) 1,1,2,2-Tetrachloroeth...	12.688	84	45186	21.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.80%
61) 1,2-Dichlorobenzene-d4	13.853	152	31333	22.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.72%
Target Compounds						
					Qvalue	
13) Acetone	4.117	43	133584	197.31	ug/L	98
14) Carbon disulfide	4.385	76	14247	1.33	ug/L #	94
16) Methylene chloride	4.922	84	8281	1.87	ug/L	92
21) 2-Butanone	7.177	43	20104	19.51	ug/L	97
30) Cyclohexane	7.958	56	1016	0.28	ug/L #	72
36) Methylcyclohexane	9.335	83	16116	3.68	ug/L	92
44) Toluene	10.390	91	5562	0.55	ug/L	100
53) Ethylbenzene	11.731	91	3038	0.26	ug/L	99
54) m,p-Xylene	11.835	106	5444	1.24	ug/L	99
55) o-xylene	12.164	106	5028	1.20	ug/L	87
56) Styrene	12.176	104	6568	0.92	ug/L	99
57) Isopropylbenzene	12.469	105	7713	0.66	ug/L #	94

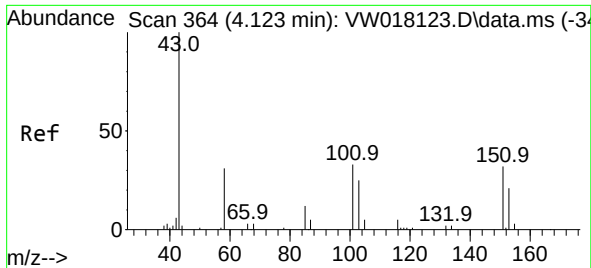
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 16 02:20:15 2021
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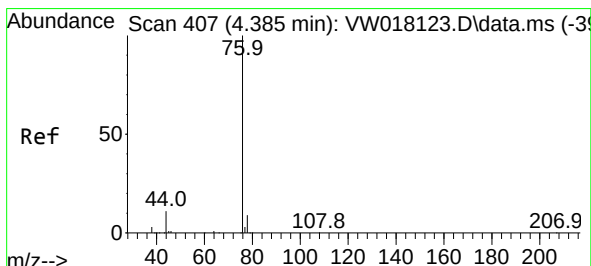
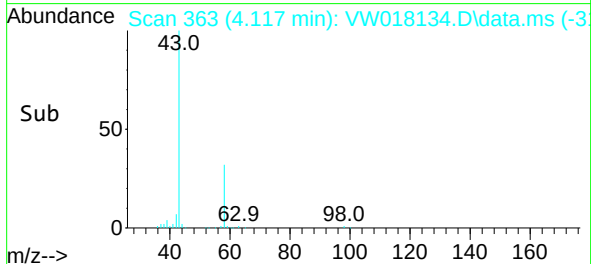
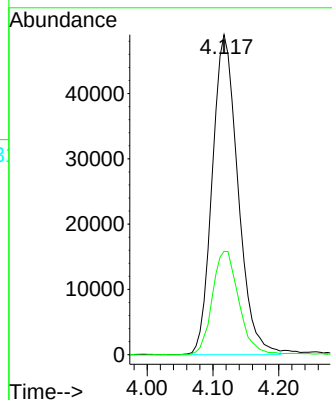
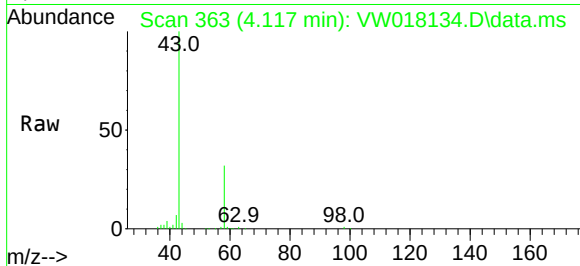




#13
Acetone
Concen: 197.31 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
Lab File: VW018134.D
Acq: 15 Feb 2021 14:40

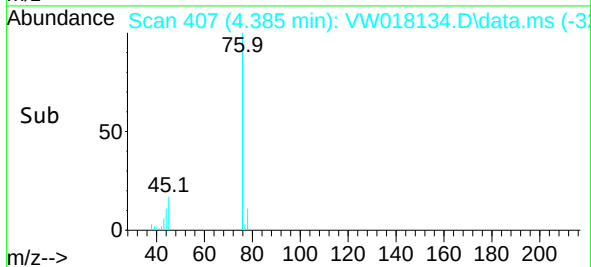
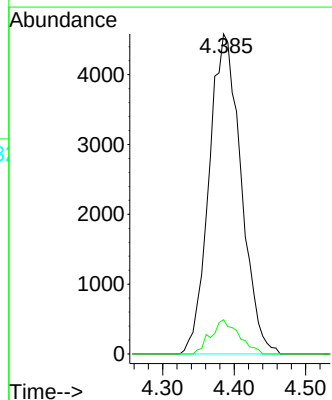
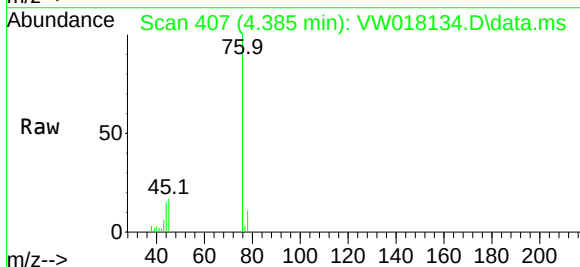
Instrument :
MSVOA_W
ClientSampleId :
DBGY2RE

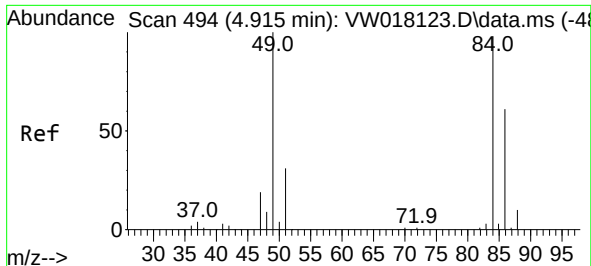
Tgt Ion: 43 Resp: 133584
Ion Ratio Lower Upper
43 100
58 33.1 0.0 68.4



#14
Carbon disulfide
Concen: 1.33 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW018134.D
Acq: 15 Feb 2021 14:40

Tgt Ion: 76 Resp: 14247
Ion Ratio Lower Upper
76 100
78 10.7 7.0 10.4#

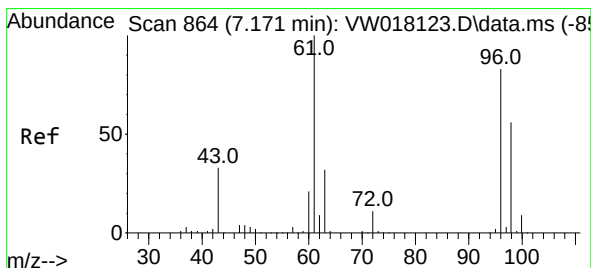
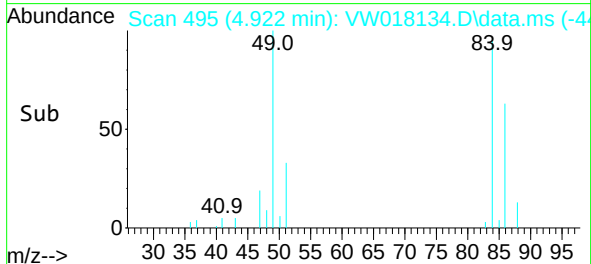
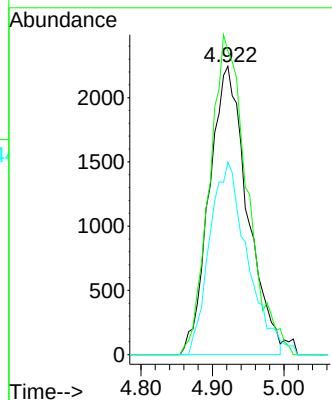
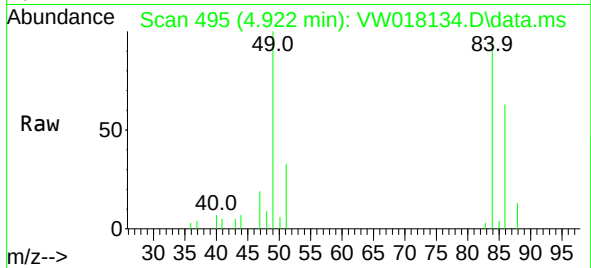




#16
Methylene chloride
Concen: 1.87 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018134.D
Acq: 15 Feb 2021 14:40

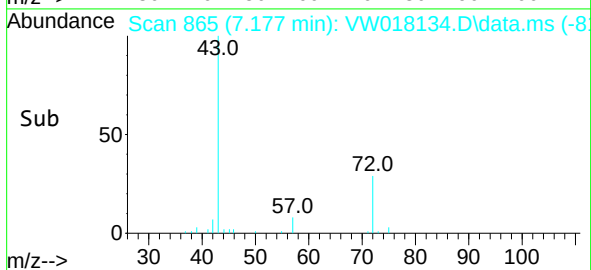
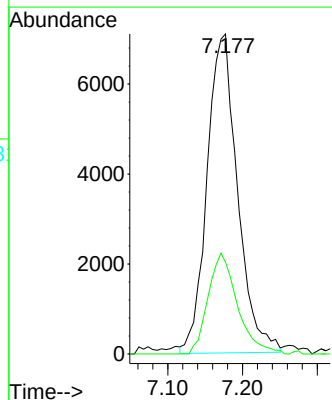
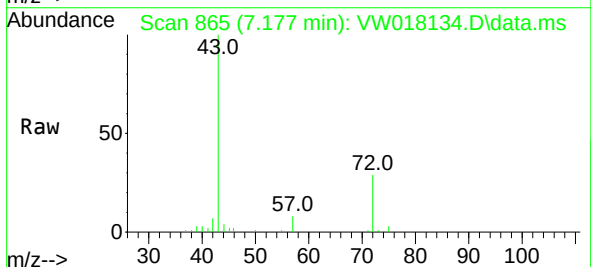
Instrument :
MSVOA_W
ClientSampleId :
DBGY2RE

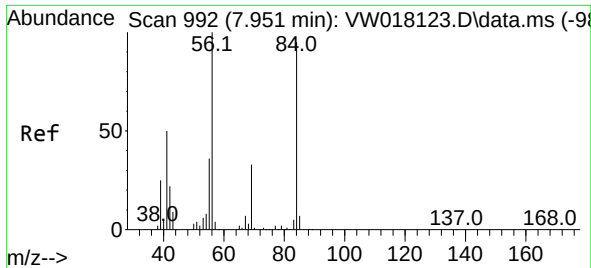
Tgt Ion:	84	Resp:	8281
Ion	Ratio	Lower	Upper
84	100		
49	105.2	81.2	150.8
86	66.7	44.5	82.7



#21
2-Butanone
Concen: 19.51 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW018134.D
Acq: 15 Feb 2021 14:40

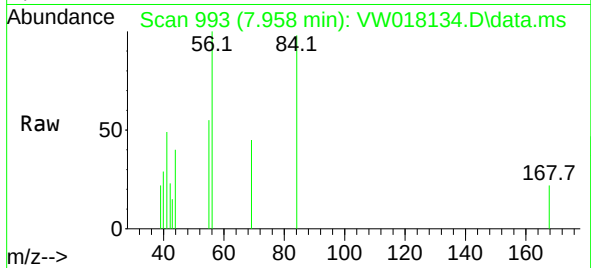
Tgt Ion:	43	Resp:	20104
Ion	Ratio	Lower	Upper
43	100		
72	30.4	14.4	43.2



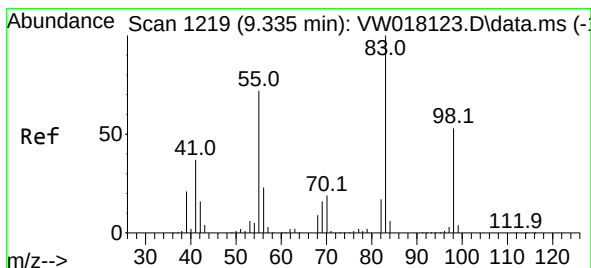
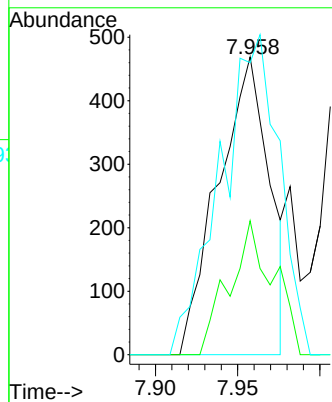
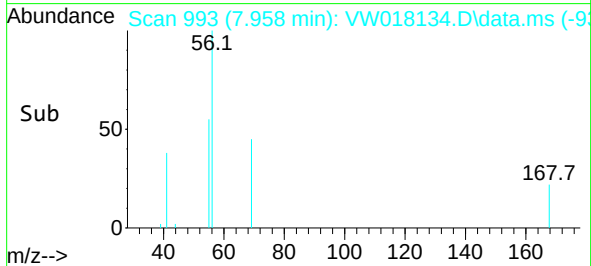


#30
Cyclohexane
Concen: 0.28 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.006 min
Lab File: VW018134.D
Acq: 15 Feb 2021 14:40

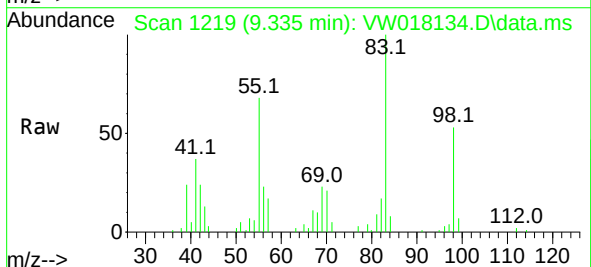
Instrument :
MSVOA_W
ClientSampled :
DBGY2RE



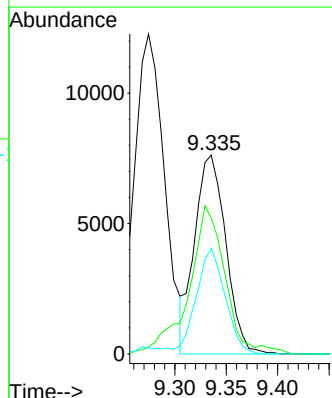
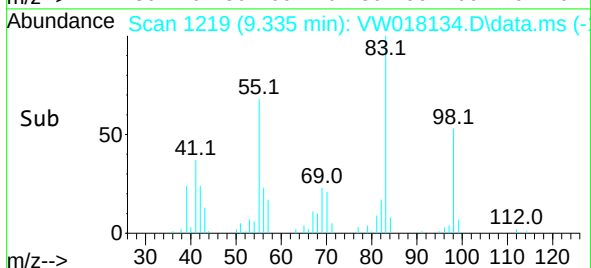
Tgt Ion: 56 Resp: 1016
Ion Ratio Lower Upper
56 100
69 21.4 24.8 37.2#
84 123.4 74.2 111.4#

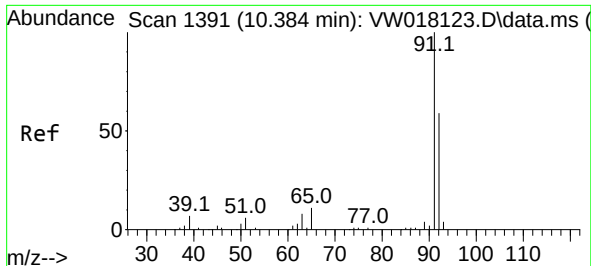


#36
Methylcyclohexane
Concen: 3.68 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018134.D
Acq: 15 Feb 2021 14:40



Tgt Ion: 83 Resp: 16116
Ion Ratio Lower Upper
83 100
55 84.1 59.4 89.0
98 48.9 40.7 61.1

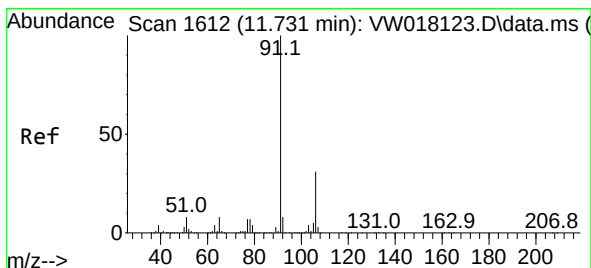
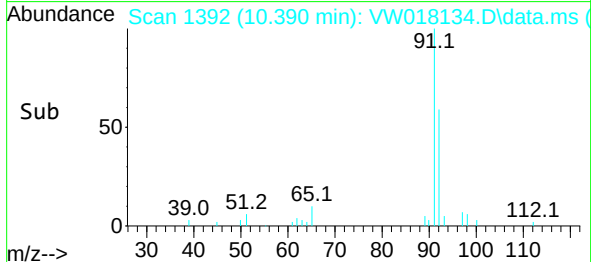
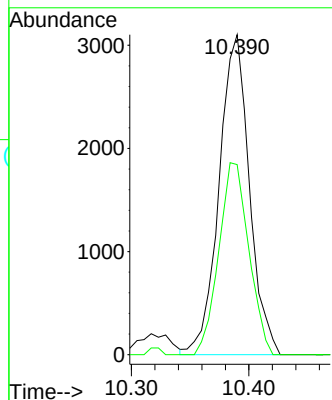
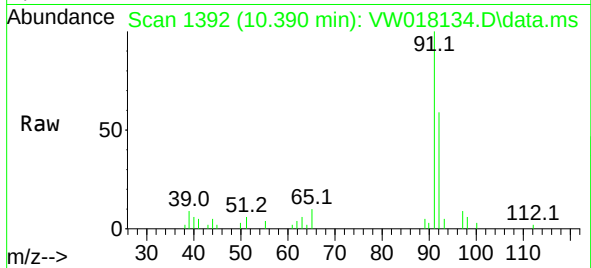




#44
Toluene
Concen: 0.55 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW018134.D
Acq: 15 Feb 2021 14:40

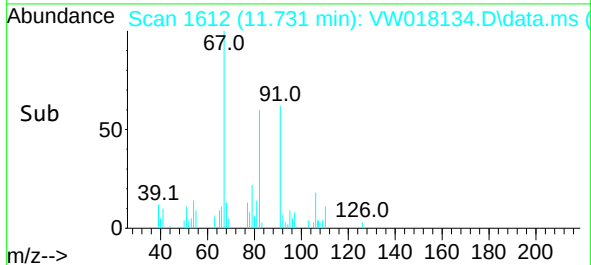
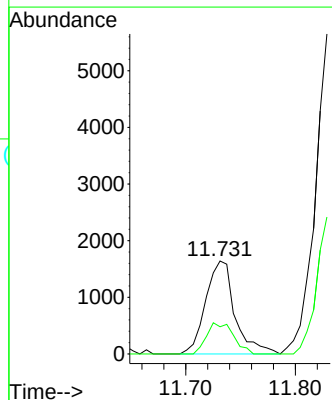
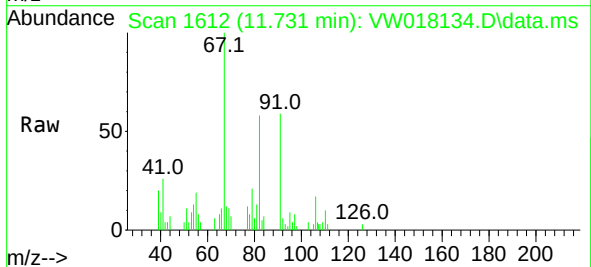
Instrument :
MSVOA_W
ClientSampled :
DBGY2RE

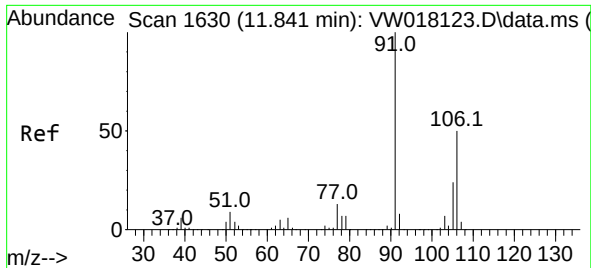
Tgt Ion: 91 Resp: 5562
Ion Ratio Lower Upper
91 100
92 59.4 41.6 77.3



#53
Ethylbenzene
Concen: 0.26 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018134.D
Acq: 15 Feb 2021 14:40

Tgt Ion: 91 Resp: 3038
Ion Ratio Lower Upper
91 100
106 29.3 21.1 39.1

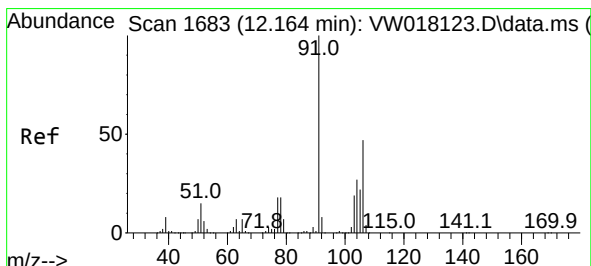
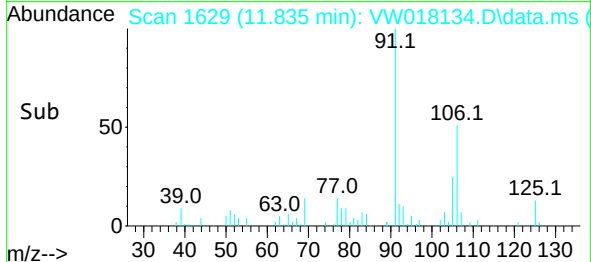
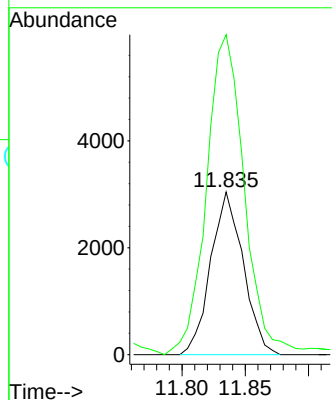
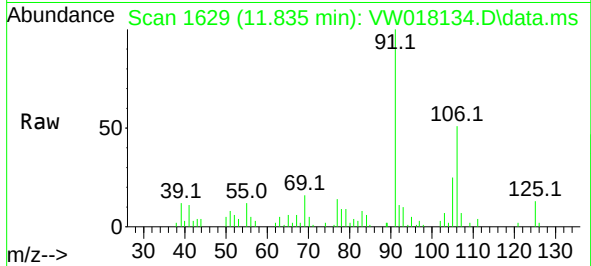




#54
m,p-Xylene
Concen: 1.24 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW018134.D
Acq: 15 Feb 2021 14:40

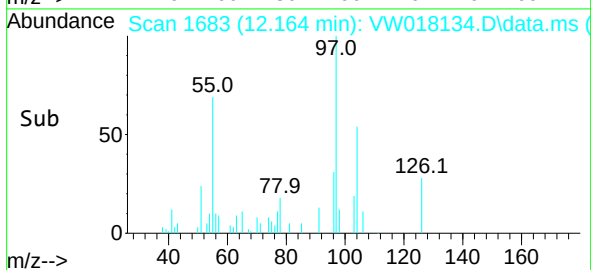
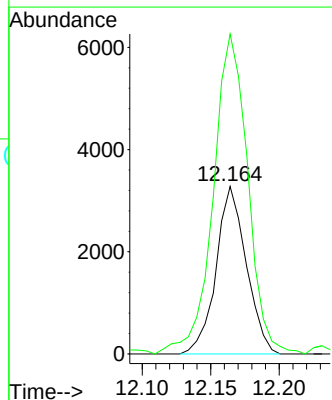
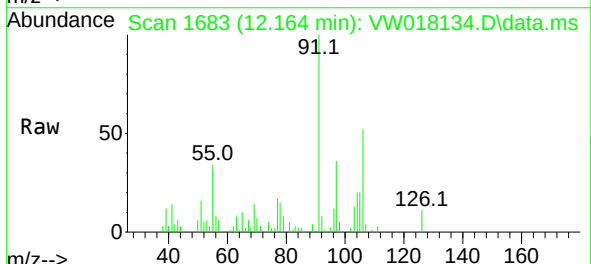
Instrument :
MSVOA_W
ClientSampleId :
DBGY2RE

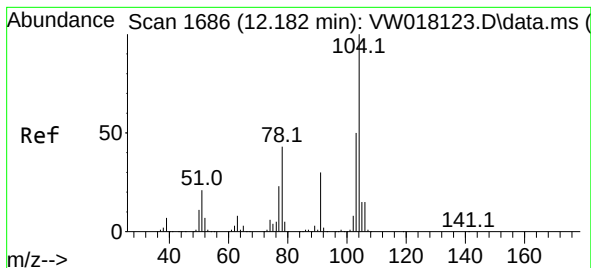
Tgt Ion:106 Resp: 5444
Ion Ratio Lower Upper
106 100
91 196.6 136.4 253.4



#55
o-xylene
Concen: 1.20 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018134.D
Acq: 15 Feb 2021 14:40

Tgt Ion:106 Resp: 5028
Ion Ratio Lower Upper
106 100
91 191.0 147.6 274.2





#56

Styrene

Concen: 0.92 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VW018134.D

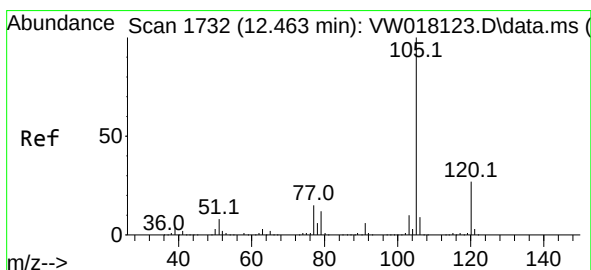
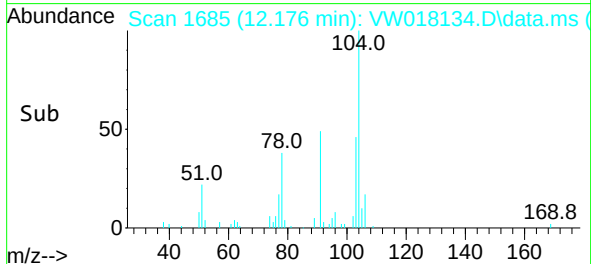
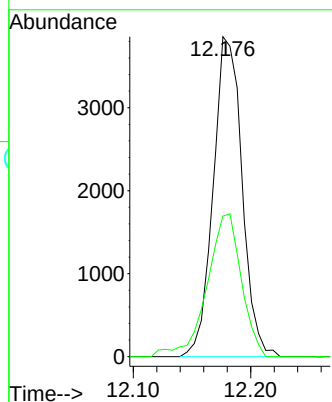
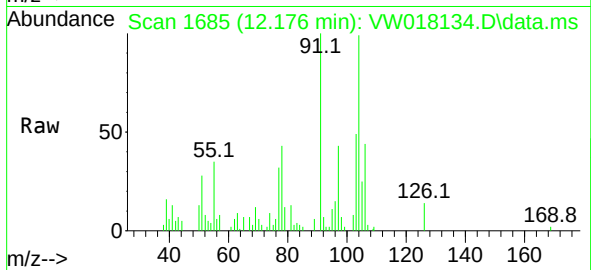
Acq: 15 Feb 2021 14:40

Tgt Ion:104 Resp: 6568

Ion Ratio Lower Upper

104 100

78 43.9 31.3 58.1



#57

Isopropylbenzene

Concen: 0.66 ug/L

RT: 12.469 min Scan# 1733

Delta R.T. 0.006 min

Lab File: VW018134.D

Acq: 15 Feb 2021 14:40

Tgt Ion:105 Resp: 7713

Ion Ratio Lower Upper

105 100

120 26.4 21.4 32.2

77 21.4 12.1 18.1#

