

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021721\
 Data File : VW018196.D
 Acq On : 17 Feb 2021 19:00
 Operator : SY/VA
 Sample : M1414-14RE
 Misc : 4.85G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGZ9RE

Quant Time: Feb 18 06:19:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 18 06:15:22 2021
 Response via : Initial Calibration

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

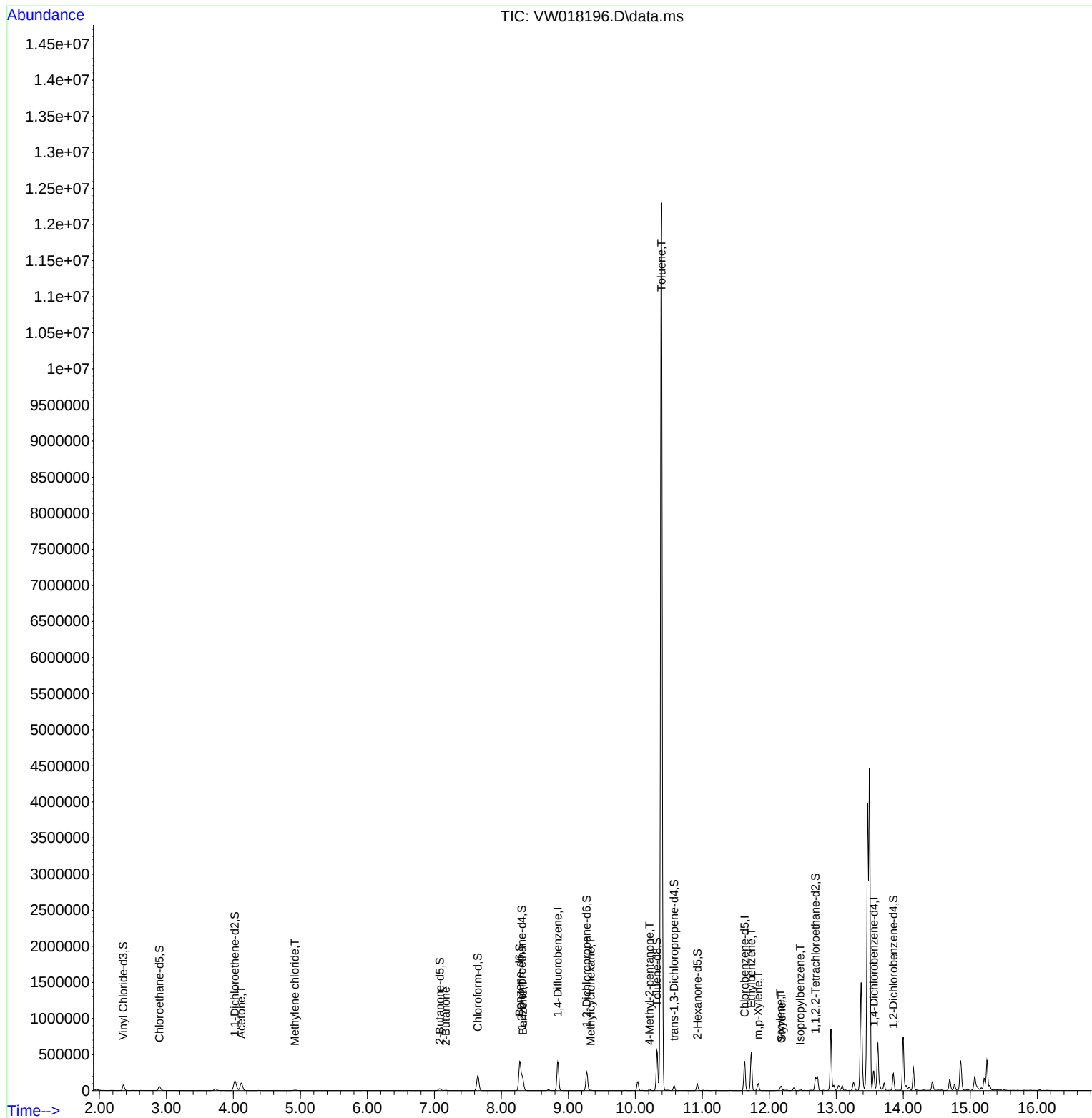
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	365807	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	250053	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	79543	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	96837	21.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.20%
7) Chloroethane-d5	2.898	69	81524	22.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.36%
10) 1,1-Dichloroethene-d2	4.019	63	145881	16.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.20%
20) 2-Butanone-d5	7.080	46	43171	35.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.16%
24) Chloroform-d	7.647	84	217666	22.67	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.68%
26) 1,2-Dichloroethane-d4	8.305	65	106603	20.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.40%
29) Benzene-d6	8.275	84	441487	32.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	128.60%
33) 1,2-Dichloropropane-d6	9.274	67	123429	32.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	128.56%#
37) Toluene-d8	10.323	98	377920	28.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	115.72%
38) trans-1,3-Dichloroprop...	10.579	79	40665	23.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.44%
39) 2-Hexanone-d5	10.927	63	35486	48.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.66%
48) 1,1,2,2-Tetrachloroeth...	12.688	84	75896	22.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.00%
61) 1,2-Dichlorobenzene-d4	13.853	152	67610	23.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.32%
Target Compounds						
					Qvalue	
13) Acetone	4.117	43	179094	199.53	ug/L	98
16) Methylene chloride	4.916	84	7493	1.28	ug/L	93
21) 2-Butanone	7.171	43	8397	6.14	ug/L	96
34) Benzene	8.323	78	96776	6.62	ug/L	100
36) Methylcyclohexane	9.335	83	2023	0.29	ug/L #	87
43) 4-Methyl-2-pentanone	10.213	43	11652	5.59	ug/L #	95
44) Toluene	10.390	91	9291383	577.61	ug/L	94
53) Ethylbenzene	11.731	91	378999	20.74	ug/L	95
54) m,p-Xylene	11.835	106	28688	4.12	ug/L	98
55) o-xylene	12.164	106	9023	1.36	ug/L	93
56) Styrene	12.182	104	22290	1.98	ug/L	94
57) Isopropylbenzene	12.463	105	10352	0.56	ug/L #	97

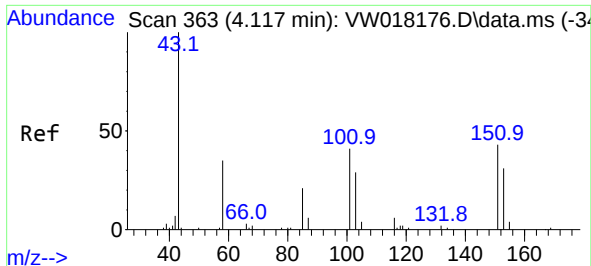
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_W
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DBGZ9RE

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
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QLast Update : Thu Feb 18 06:15:22 2021
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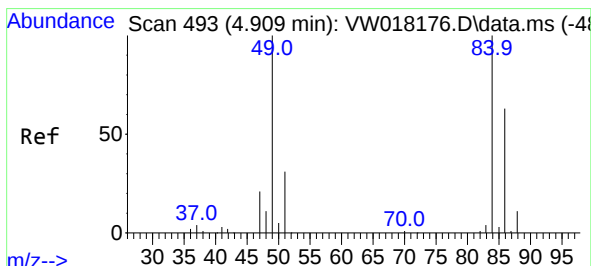
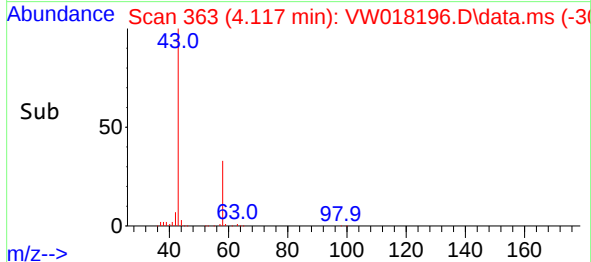
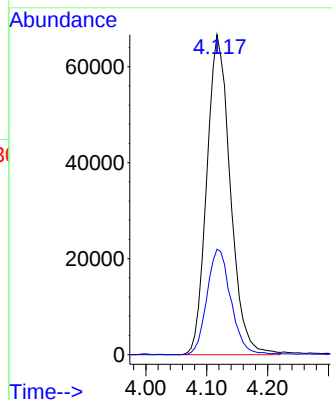
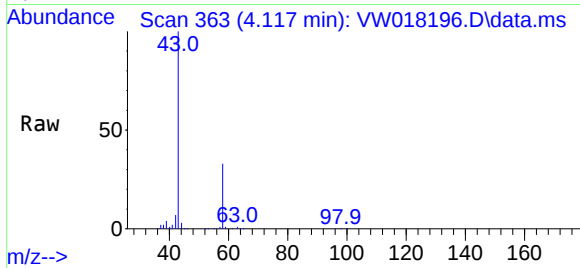




#13
Acetone
Concen: 199.53 ug/L
RT: 4.117 min Scan# 363
Delta R.T. 0.000 min
Lab File: VW018196.D
Acq: 17 Feb 2021 19:00

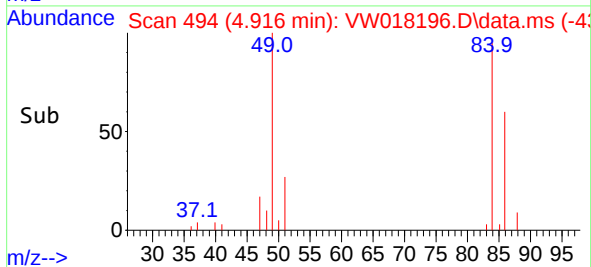
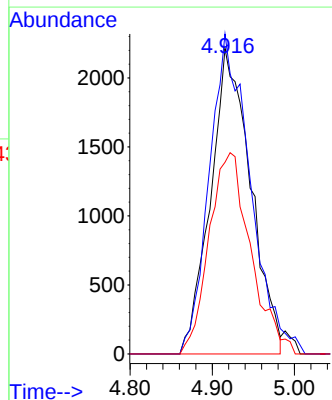
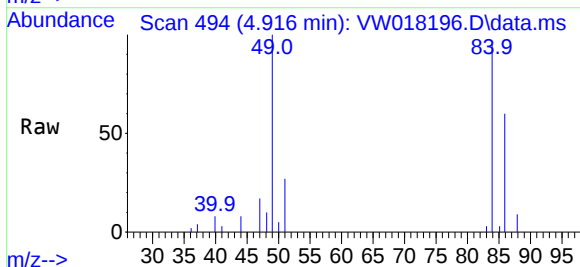
Instrument :
MSVOA_W
ClientSampleId :
DBGZ9RE

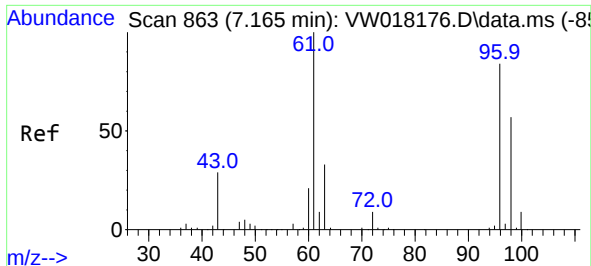
Tgt Ion: 43 Resp: 179094
Ion Ratio Lower Upper
43 100
58 33.2 0.0 68.4



#16
Methylene chloride
Concen: 1.28 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW018196.D
Acq: 17 Feb 2021 19:00

Tgt Ion: 84 Resp: 7493
Ion Ratio Lower Upper
84 100
49 104.7 81.2 150.8
86 62.7 44.5 82.7

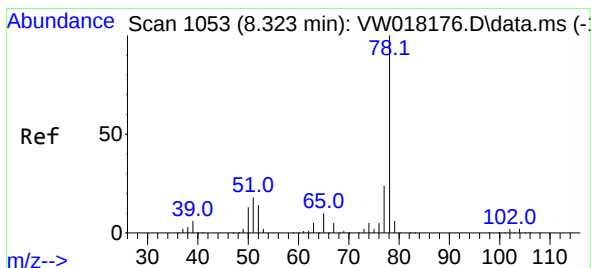
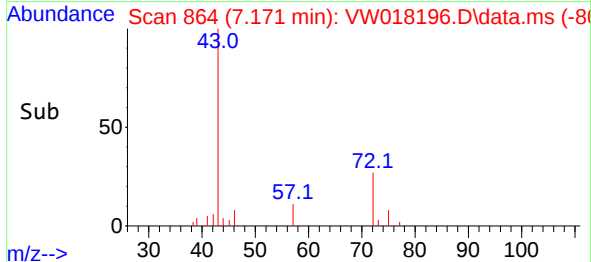
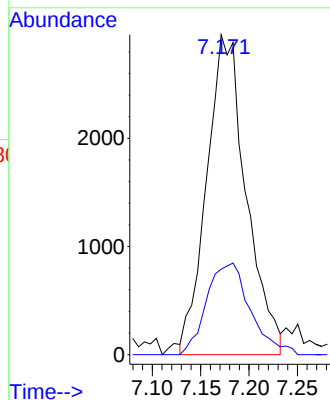
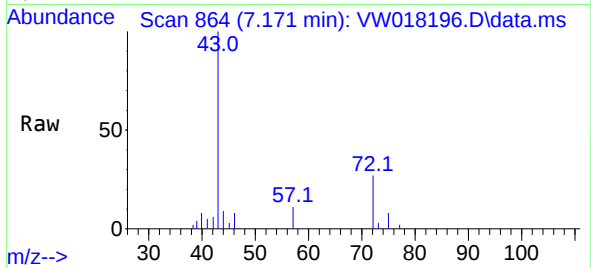




#21
2-Butanone
Concen: 6.14 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018196.D
Acq: 17 Feb 2021 19:00

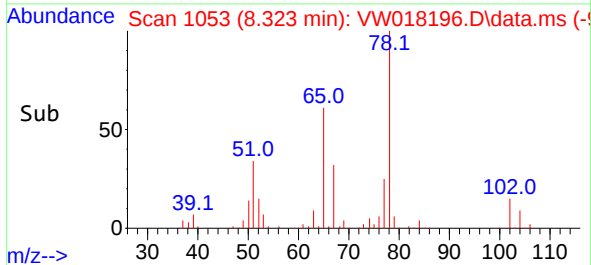
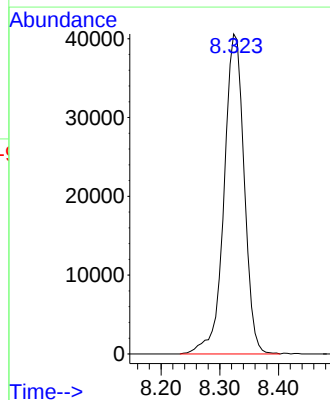
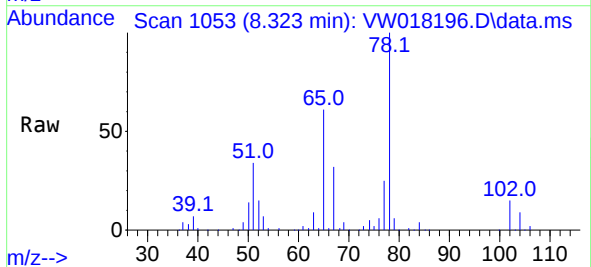
Instrument :
MSVOA_W
ClientSampled :
DBGZ9RE

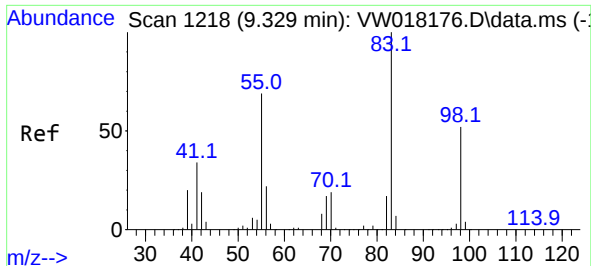
Tgt Ion: 43 Resp: 8397
Ion Ratio Lower Upper
43 100
72 31.0 14.4 43.2



#34
Benzene
Concen: 6.62 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018196.D
Acq: 17 Feb 2021 19:00

Tgt Ion: 78 Resp: 96776

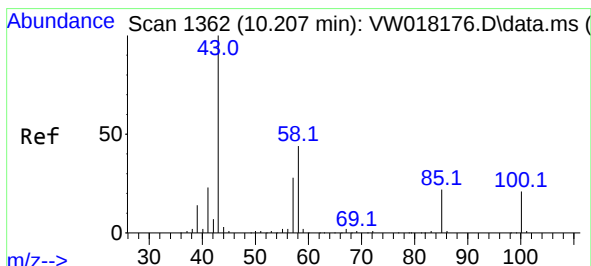
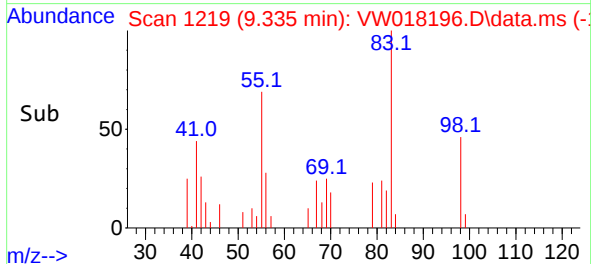
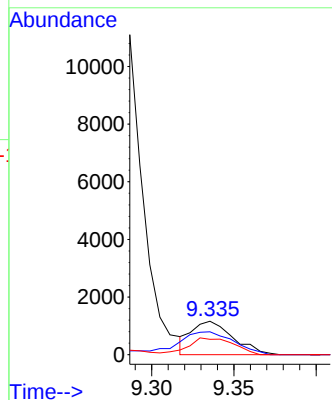
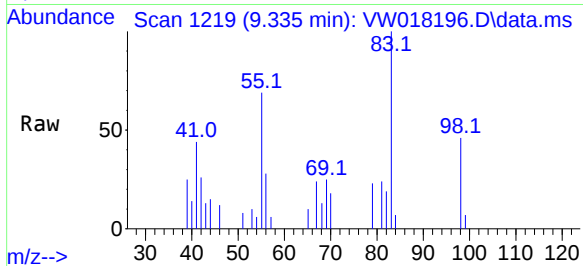




#36
Methylcyclohexane
Concen: 0.29 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.006 min
Lab File: VW018196.D
Acq: 17 Feb 2021 19:00

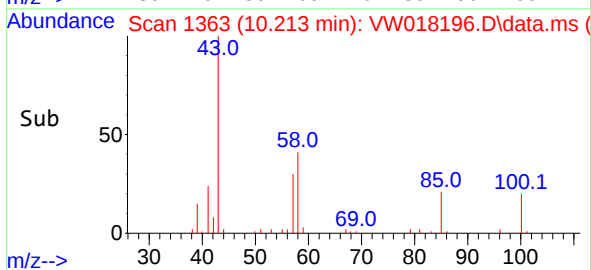
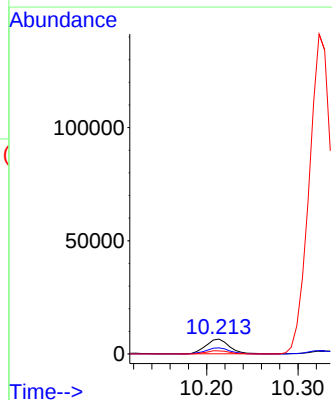
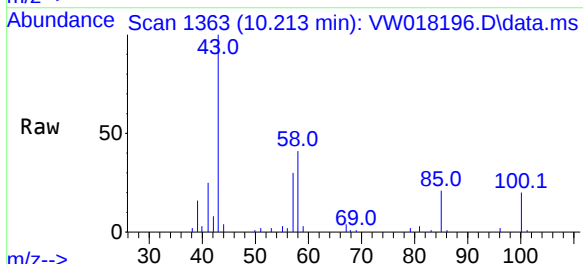
Instrument :
MSVOA_W
ClientSampled :
DBGZ9RE

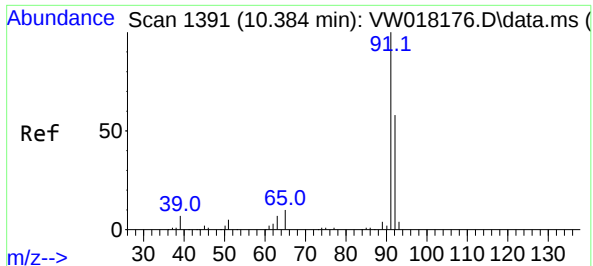
Tgt Ion: 83 Resp: 2023
Ion Ratio Lower Upper
83 100
55 89.9 59.4 89.0#
98 54.9 40.7 61.1



#43
4-Methyl-2-pentanone
Concen: 5.59 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW018196.D
Acq: 17 Feb 2021 19:00

Tgt Ion: 43 Resp: 11652
Ion Ratio Lower Upper
43 100
58 41.9 31.6 47.4
100 21.4 14.1 21.1#

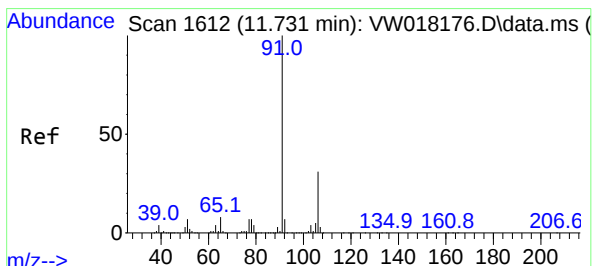
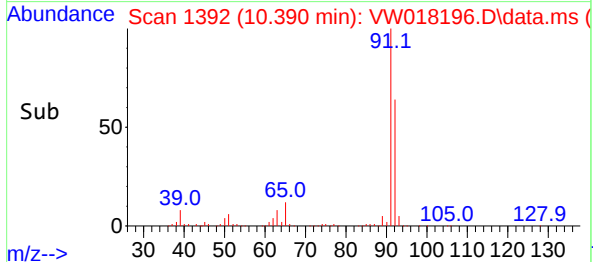
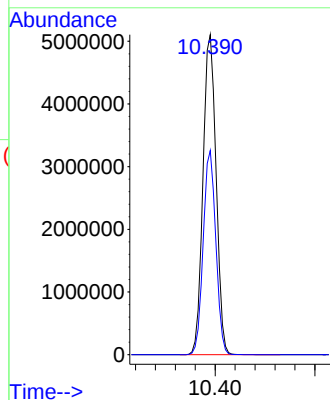
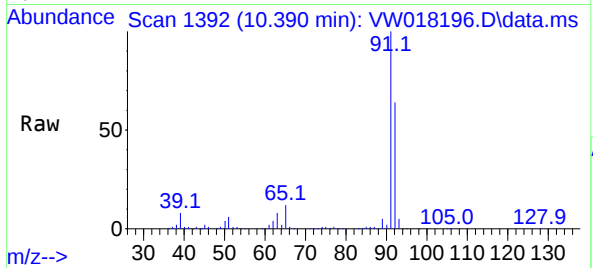




#44
Toluene
Concen: 577.61 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW018196.D
Acq: 17 Feb 2021 19:00

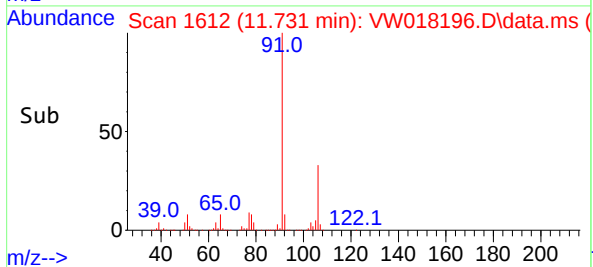
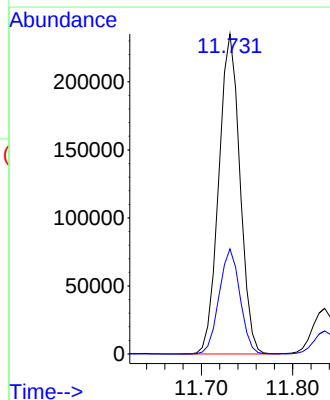
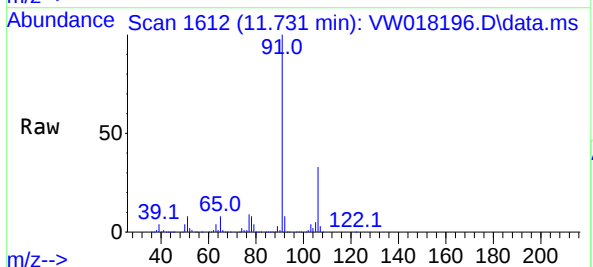
Instrument :
MSVOA_W
ClientSampleId :
DBGZ9RE

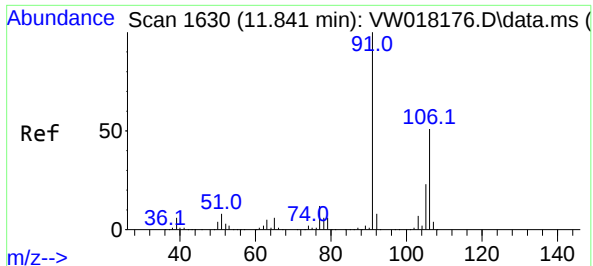
Tgt Ion: 91 Resp: 9291383
Ion Ratio Lower Upper
91 100
92 63.8 41.6 77.3



#53
Ethylbenzene
Concen: 20.74 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018196.D
Acq: 17 Feb 2021 19:00

Tgt Ion: 91 Resp: 378999
Ion Ratio Lower Upper
91 100
106 32.9 21.1 39.1

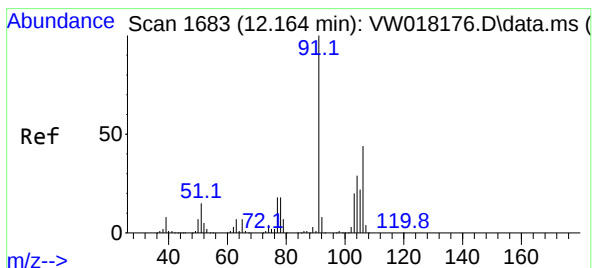
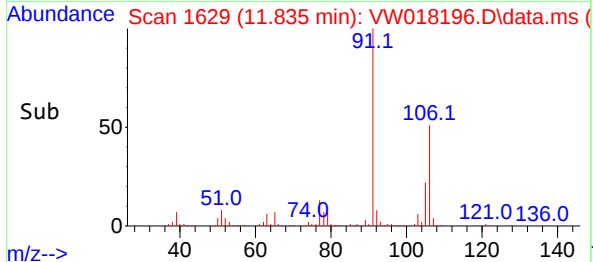
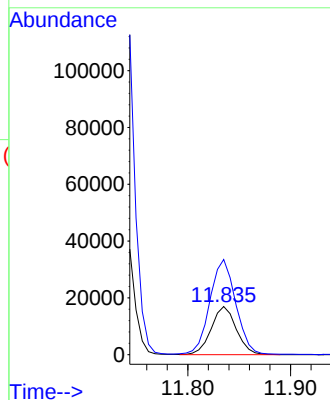
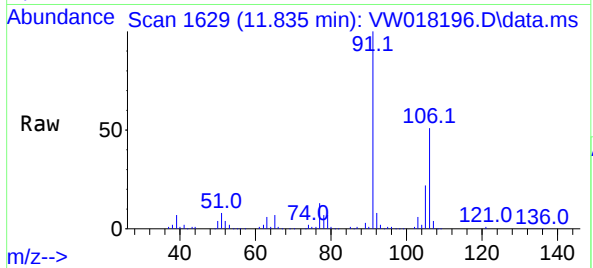




#54
m,p-Xylene
Concen: 4.12 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW018196.D
Acq: 17 Feb 2021 19:00

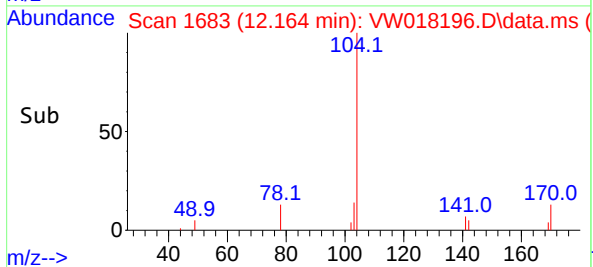
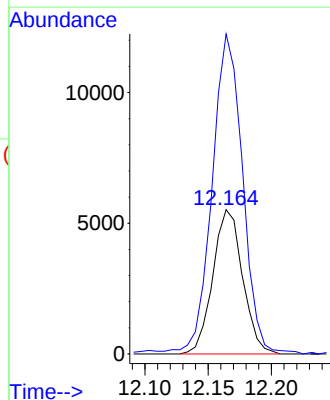
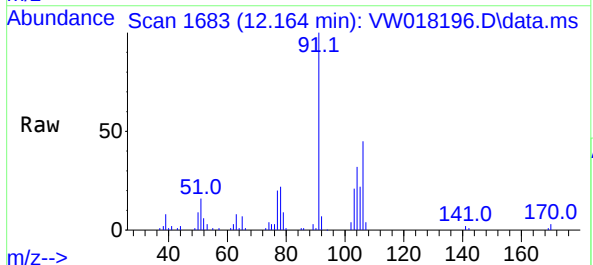
Instrument :
MSVOA_W
ClientSampled :
DBGZ9RE

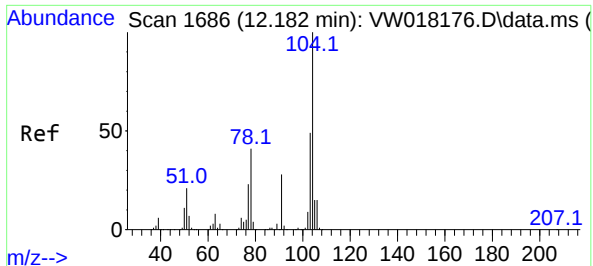
Tgt Ion:106 Resp: 28688
Ion Ratio Lower Upper
106 100
91 197.6 136.4 253.4



#55
o-xylene
Concen: 1.36 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018196.D
Acq: 17 Feb 2021 19:00

Tgt Ion:106 Resp: 9023
Ion Ratio Lower Upper
106 100
91 221.8 147.6 274.2

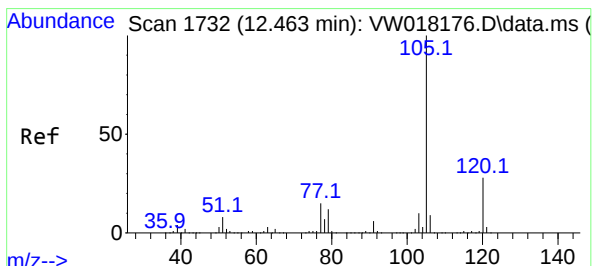
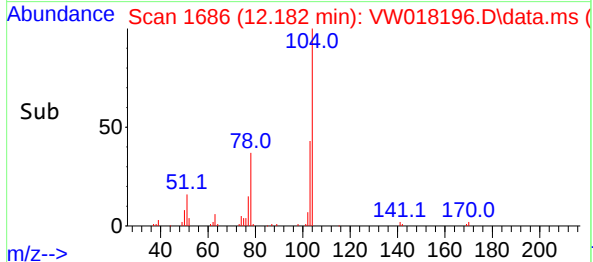
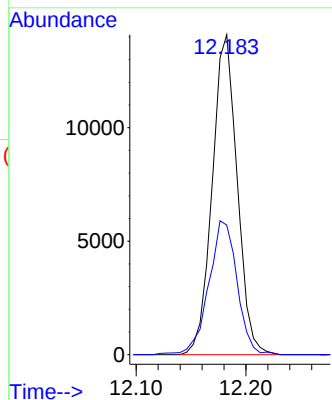
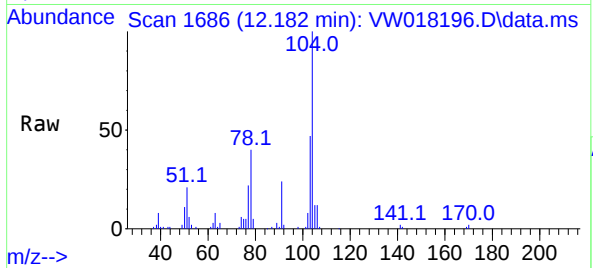




#56
Styrene
Concen: 1.98 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW018196.D
Acq: 17 Feb 2021 19:00

Instrument :
MSVOA_W
ClientSampled :
DBGZ9RE

Tgt Ion:104 Resp: 22290
Ion Ratio Lower Upper
104 100
78 40.5 31.3 58.1



#57
Isopropylbenzene
Concen: 0.56 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018196.D
Acq: 17 Feb 2021 19:00

Tgt Ion:105 Resp: 10352
Ion Ratio Lower Upper
105 100
120 27.0 21.4 32.2
77 18.7 12.1 18.1#

