

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042321\
 Data File : VW018768.D
 Acq On : 23 Apr 2021 19:21
 Operator : SY/VA
 Sample : M2165-17
 Misc : 8.16G/10ML/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB3F8

Quant Time: Apr 24 00:20:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 24 00:16:05 2021
 Response via : Initial Calibration

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

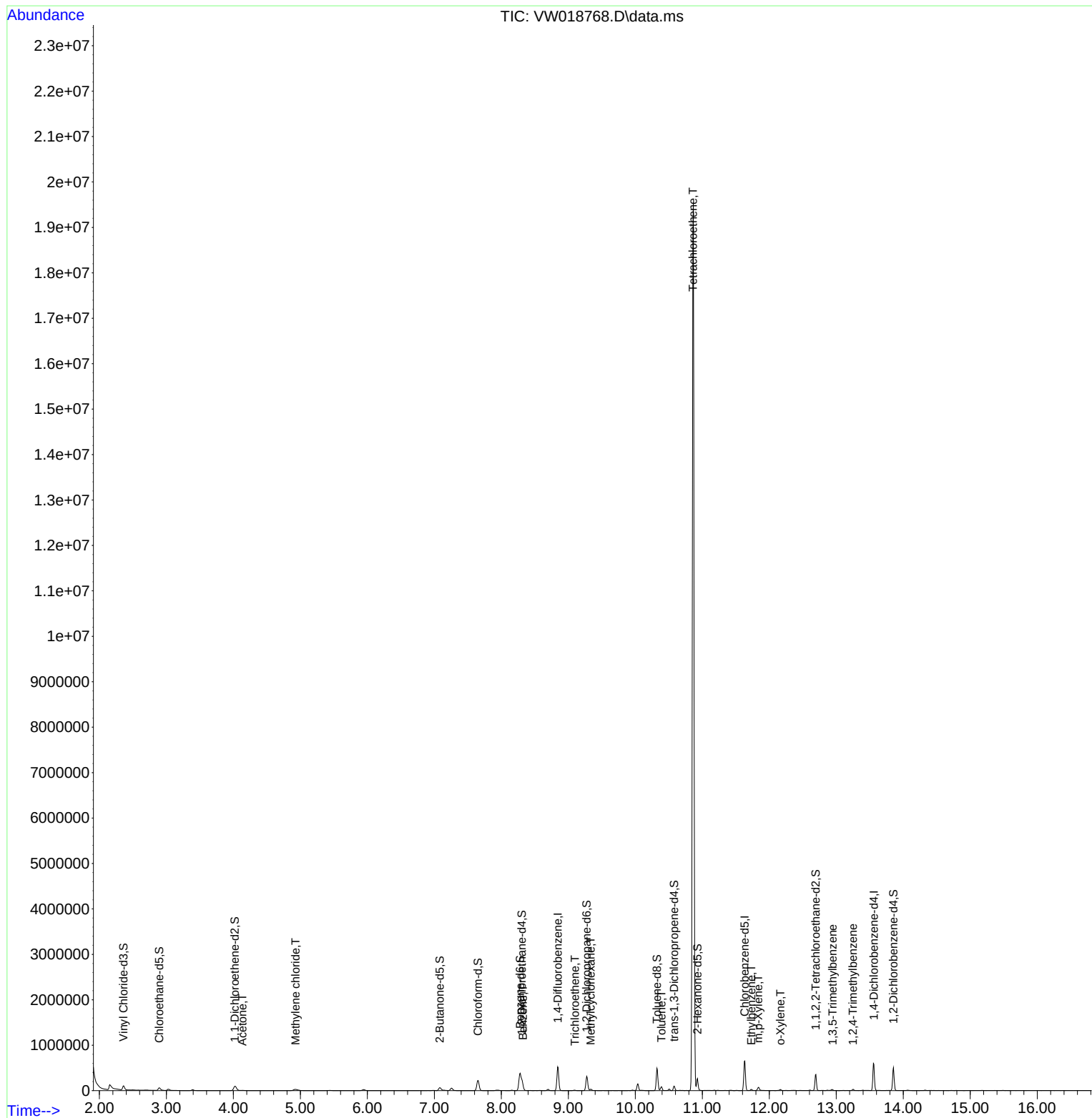
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	424405	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	365859	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	148617	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	79003	12.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	49.00%
7) Chloroethane-d5	2.892	69	75379	13.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.76%
11) 1,1-Dichloroethene-d2	4.019	63	108786	9.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	38.84%#
21) 2-Butanone-d5	7.080	46	108761	74.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	148.16%#
24) Chloroform-d	7.653	84	230838	19.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.28%
26) 1,2-Dichloroethane-d4	8.305	65	151445	23.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.52%
32) Benzene-d6	8.281	84	389498	18.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	72.60%
36) 1,2-Dichloropropane-d6	9.275	67	145637	22.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.08%
41) Toluene-d8	10.323	98	313783	15.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	63.96%
43) trans-1,3-Dichloroprop...	10.579	79	56138	20.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.56%
47) 2-Hexanone-d5	10.927	63	90715	80.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	161.32%#
56) 1,1,2,2-Tetrachloroeth...	12.695	84	175859	32.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	130.24%#
66) 1,2-Dichlorobenzene-d4	13.853	152	124642	23.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.48%
Target Compounds						Qvalue
13) Acetone	4.135	43	10285	9.65	ug/L	84
16) Methylene chloride	4.928	84	23127	3.32	ug/L	94
33) Benzene	8.323	78	22174	0.97	ug/L	100
34) Trichloroethene	9.098	95	3454	0.58	ug/L	92
35) Methylcyclohexane	9.336	83	11288	1.10	ug/L	93
42) Toluene	10.390	91	61234	2.48	ug/L	98
46) Tetrachloroethene	10.860	164	4275195	1022.88	ug/L	98
52) Ethylbenzene	11.731	91	16444	0.60	ug/L	96
53) m,p-Xylene	11.835	106	16540	1.65	ug/L	87
54) o-Xylene	12.164	106	5523	0.58	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	7246	0.40	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	15783	0.87	ug/L	98

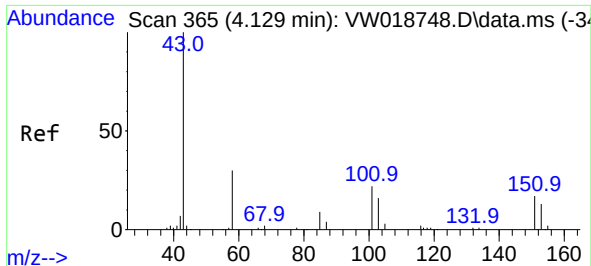
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Apr 24 00:20:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Apr 24 00:16:05 2021
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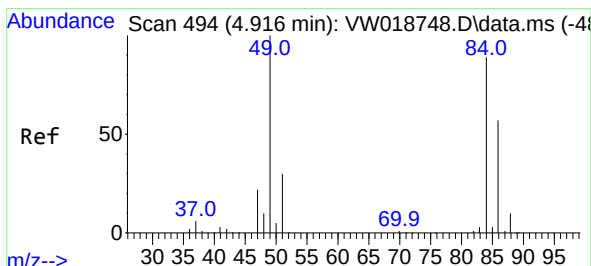
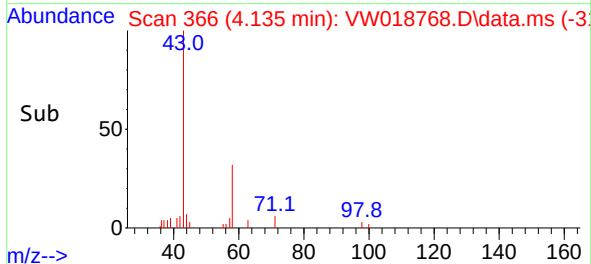
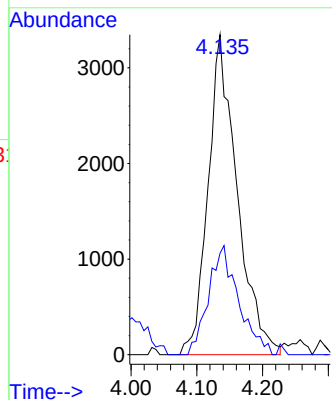
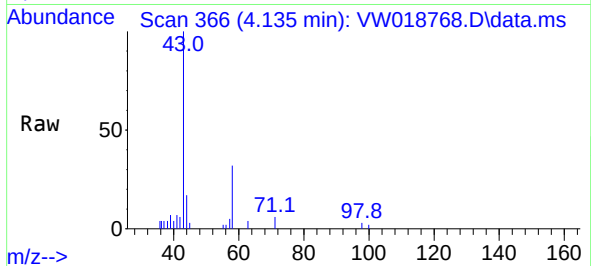




#13
Acetone
Concen: 9.65 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW018768.D
Acq: 23 Apr 2021 19:21

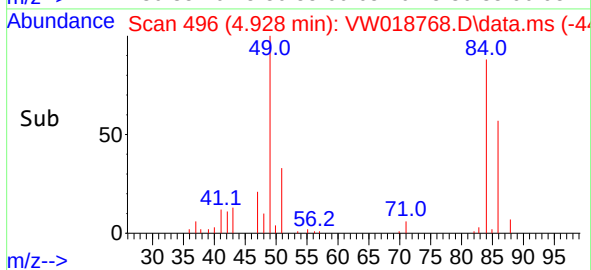
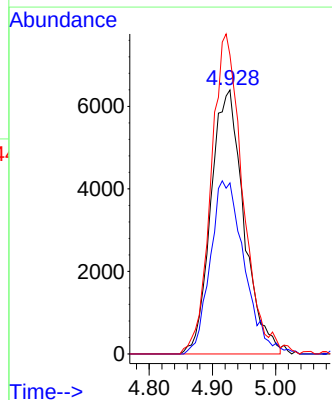
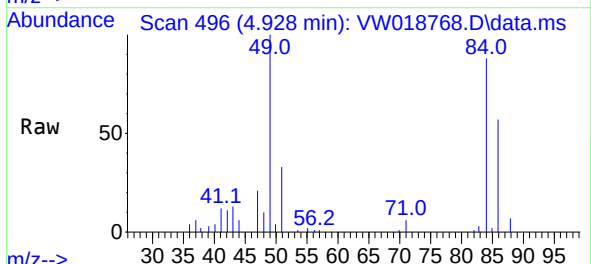
Instrument :
MSVOA_W
ClientSampled :
GB3F8

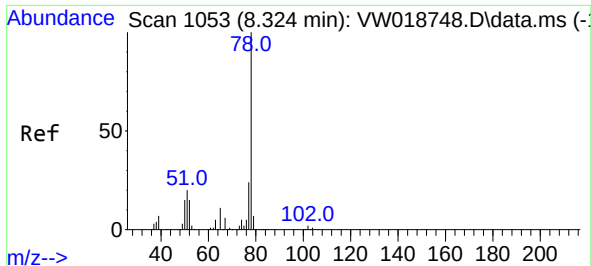
Tgt Ion: 43 Resp: 10285
Ion Ratio Lower Upper
43 100
58 35.3 0.0 53.8



#16
Methylene chloride
Concen: 3.32 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.012 min
Lab File: VW018768.D
Acq: 23 Apr 2021 19:21

Tgt Ion: 84 Resp: 23127
Ion Ratio Lower Upper
84 100
86 64.8 45.3 84.1
49 113.2 86.6 160.8

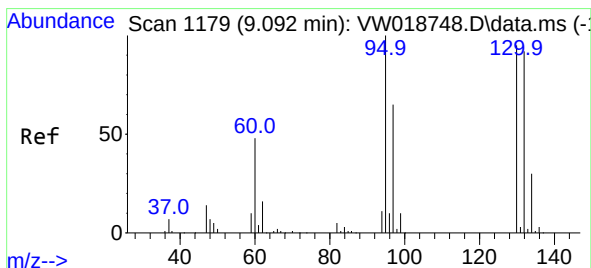
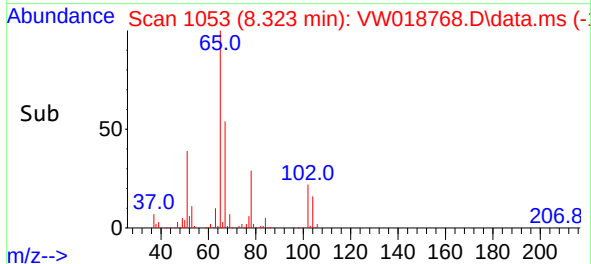
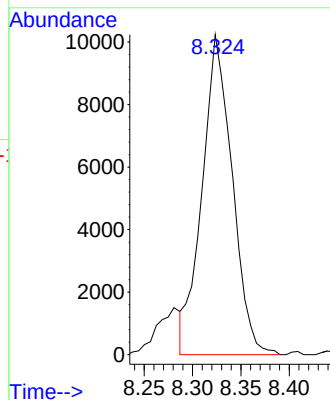
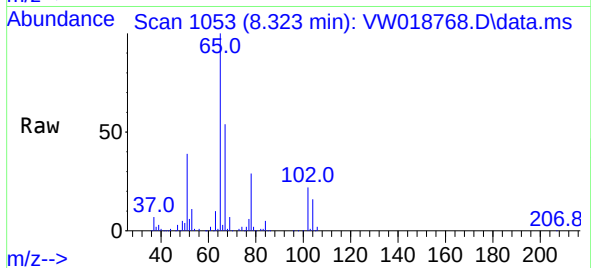




#33
Benzene
Concen: 0.97 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018768.D
Acq: 23 Apr 2021 19:21

Instrument :
MSVOA_W
ClientSampled :
GB3F8

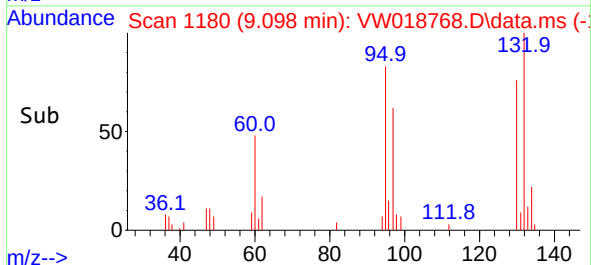
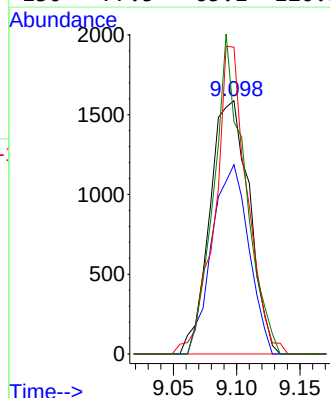
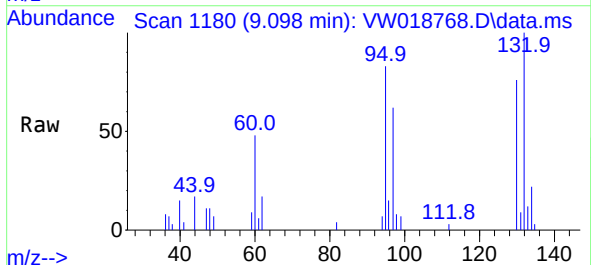
Tgt Ion: 78 Resp: 22174

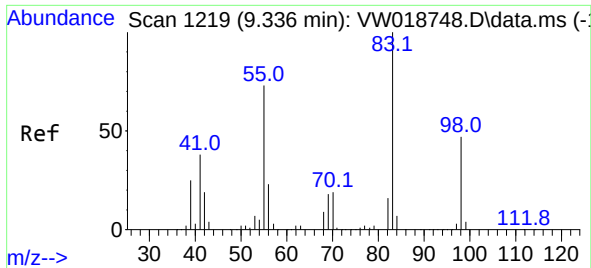


#34
Trichloroethene
Concen: 0.58 ug/L
RT: 9.098 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VW018768.D
Acq: 23 Apr 2021 19:21

Tgt Ion: 95 Resp: 3454

Ion	Ratio	Lower	Upper
95	100		
97	63.3	47.3	87.8
132	102.5	71.0	131.8
130	77.5	65.1	120.9

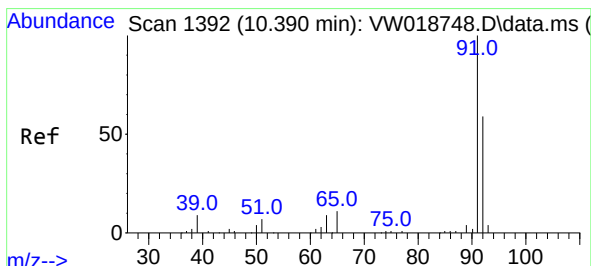
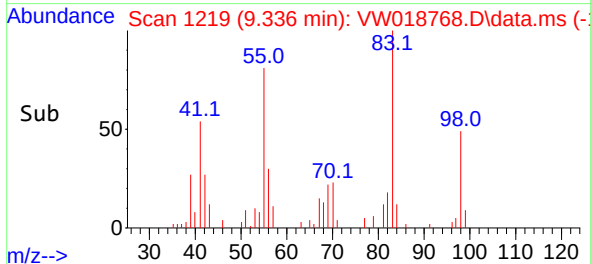
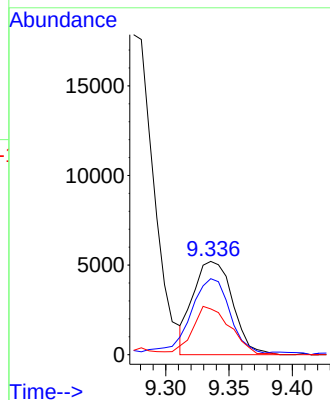
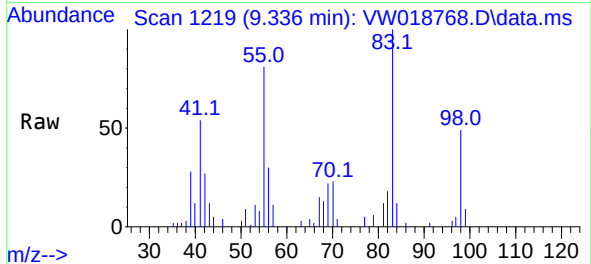




#35
Methylcyclohexane
Concen: 1.10 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018768.D
Acq: 23 Apr 2021 19:21

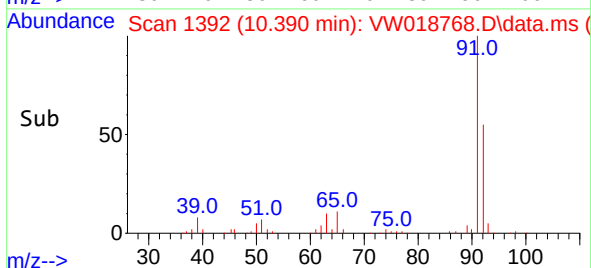
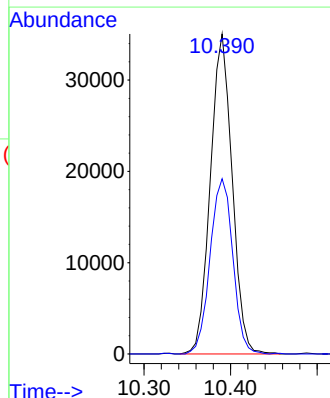
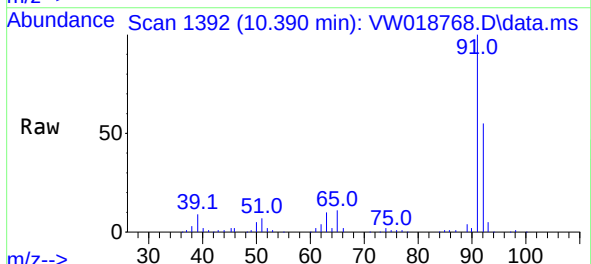
Instrument :
MSVOA_W
ClientSampled :
GB3F8

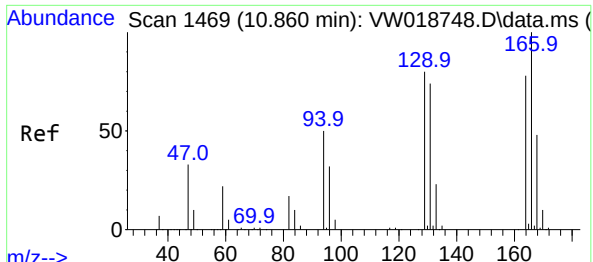
Tgt Ion: 83 Resp: 11288
Ion Ratio Lower Upper
83 100
55 83.2 58.9 88.3
98 49.2 40.1 60.1



#42
Toluene
Concen: 2.48 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018768.D
Acq: 23 Apr 2021 19:21

Tgt Ion: 91 Resp: 61234
Ion Ratio Lower Upper
91 100
92 54.8 39.5 73.3

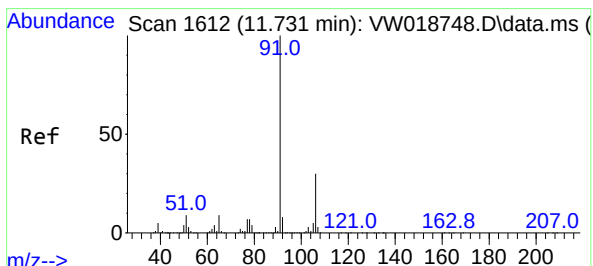
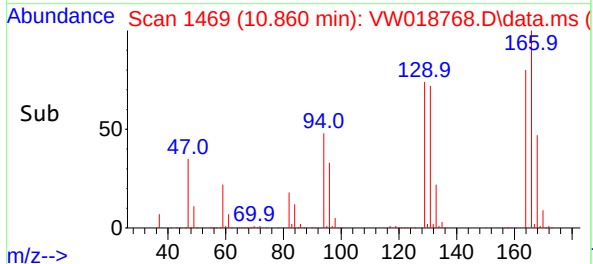
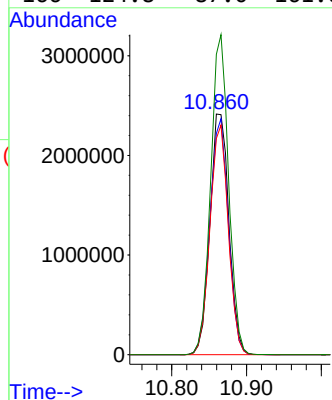
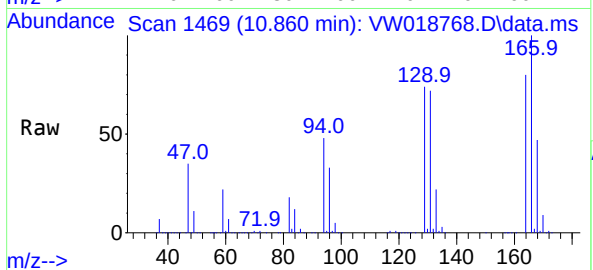




#46
Tetrachloroethene
Concen: 1022.88 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW018768.D
Acq: 23 Apr 2021 19:21

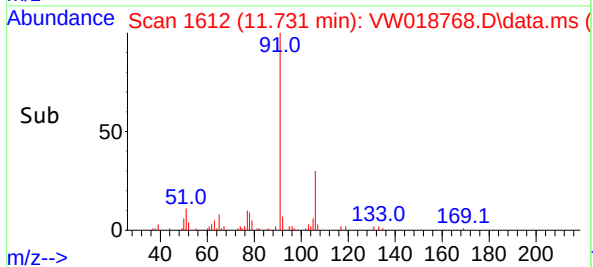
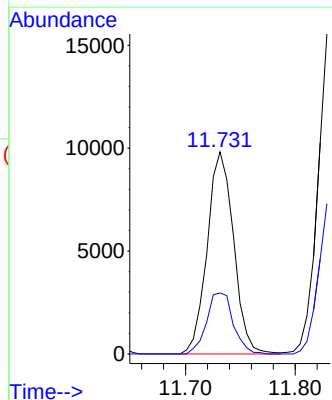
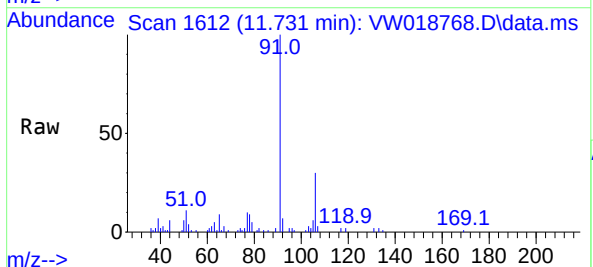
Instrument :
MSVOA_W
ClientSampleId :
GB3F8

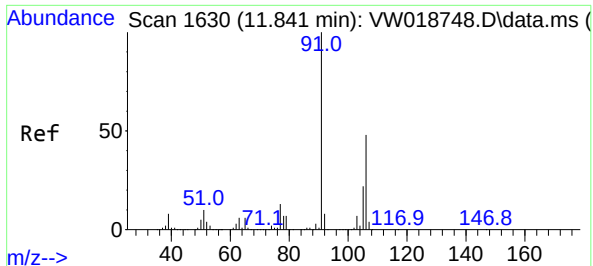
Tgt Ion:164 Resp: 4275195
Ion Ratio Lower Upper
164 100
129 91.9 66.7 123.9
131 89.8 61.1 113.5
166 124.8 87.0 161.6



#52
Ethylbenzene
Concen: 0.60 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018768.D
Acq: 23 Apr 2021 19:21

Tgt Ion: 91 Resp: 16444
Ion Ratio Lower Upper
91 100
106 30.1 22.5 41.7

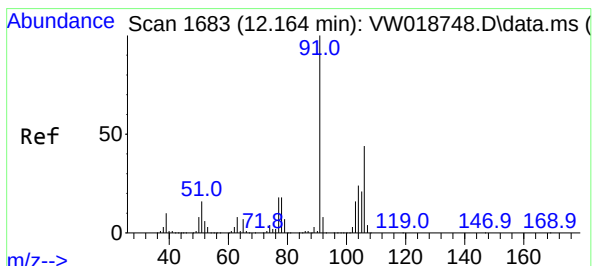
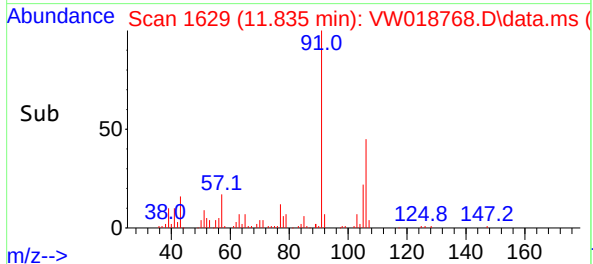
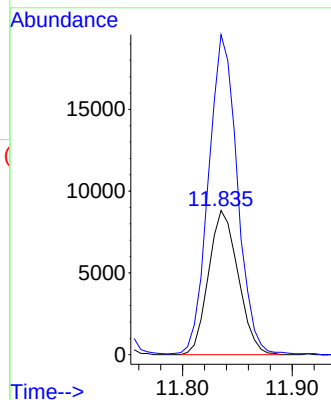
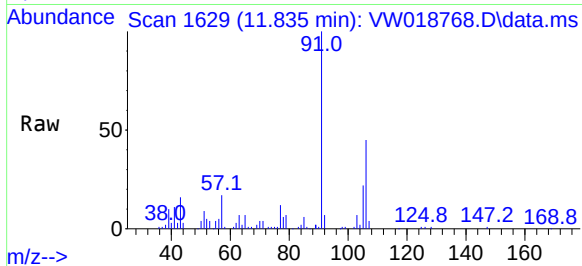




#53
m,p-Xylene
Concen: 1.65 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW018768.D
Acq: 23 Apr 2021 19:21

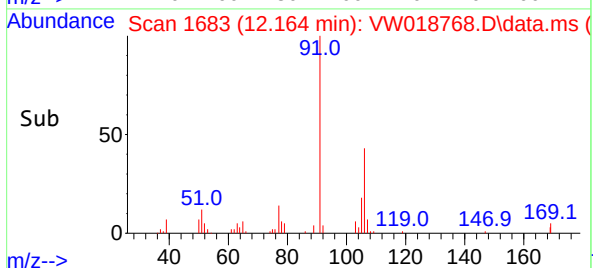
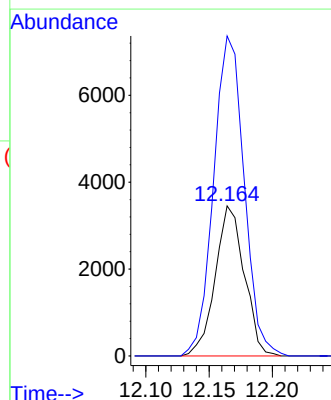
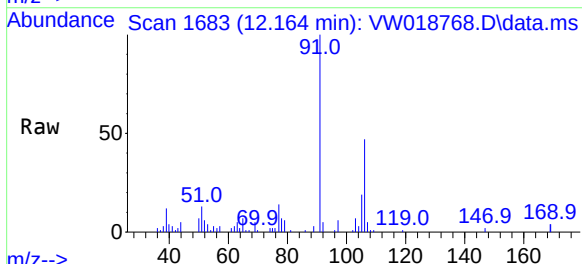
Instrument :
MSVOA_W
ClientSampled :
GB3F8

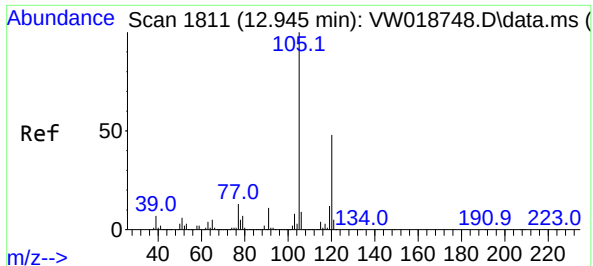
Tgt Ion:106 Resp: 16540
Ion Ratio Lower Upper
106 100
91 222.0 141.3 262.3



#54
o-Xylene
Concen: 0.58 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018768.D
Acq: 23 Apr 2021 19:21

Tgt Ion:106 Resp: 5523
Ion Ratio Lower Upper
106 100
91 213.3 150.0 278.6

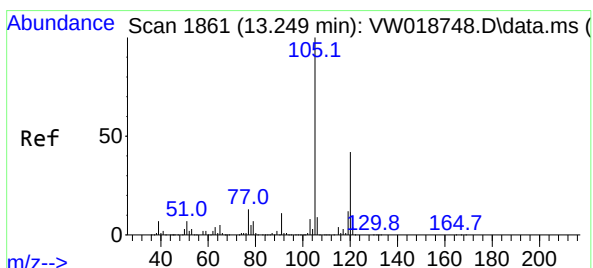
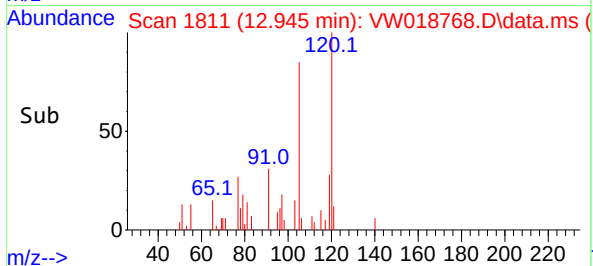
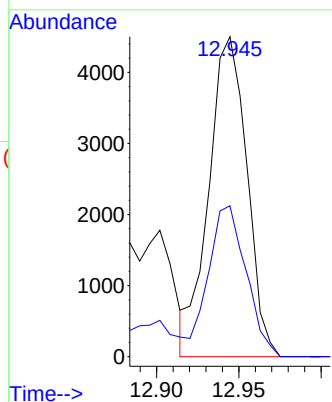
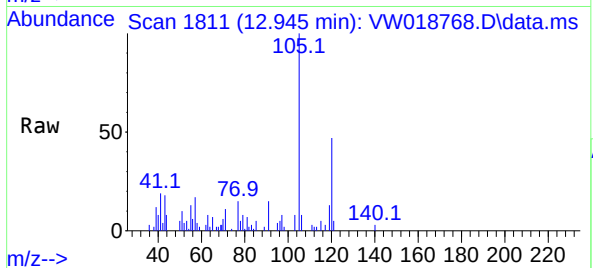




#62
1,3,5-Trimethylbenzene
Concen: 0.40 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW018768.D
Acq: 23 Apr 2021 19:21

Instrument :
MSVOA_W
ClientSampleId :
GB3F8

Tgt Ion:105 Resp: 7246
Ion Ratio Lower Upper
105 100
120 46.1 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 0.87 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW018768.D
Acq: 23 Apr 2021 19:21

Tgt Ion:105 Resp: 15783
Ion Ratio Lower Upper
105 100
120 43.4 35.6 53.4

