

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120721\
 Data File : VW021207.D
 Acq On : 07 Dec 2021 16:17
 Operator : SY/VA
 Sample : M4888-19RE
 Misc : 4.50g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EX8C4RE

Quant Time: Dec 08 03:50:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 08 02:47:46 2021
 Response via : Initial Calibration

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

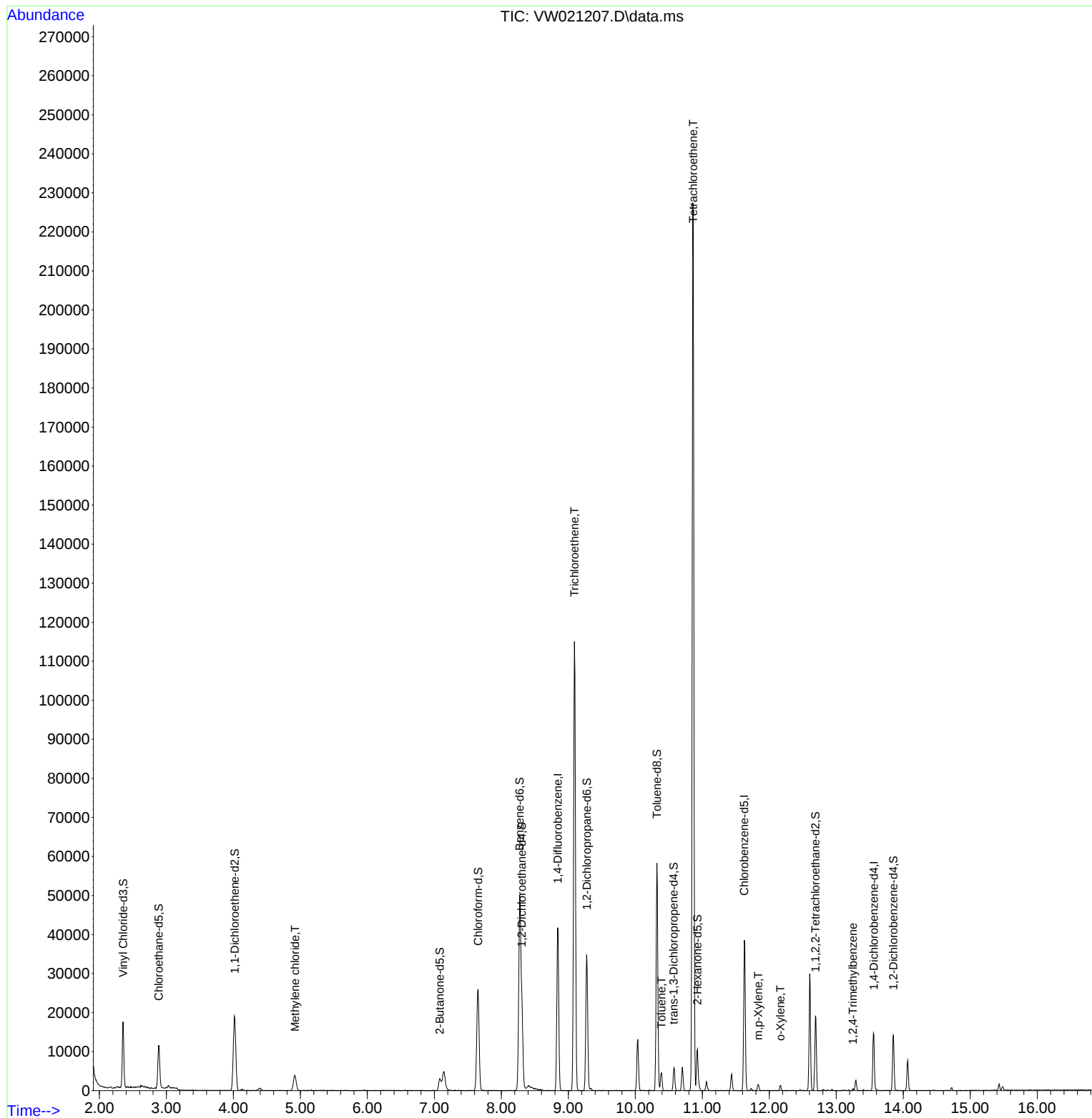
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	35801	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	22405	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	4211	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	15792	31.660	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 126.640%	
7) Chloroethane-d5	2.885	69	12047	36.079	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 144.320%	
11) 1,1-Dichloroethene-d2	4.019	63	17535	22.005	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 88.040%	
21) 2-Butanone-d5	7.080	46	5355	47.067	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 94.140%	
24) Chloroform-d	7.653	84	26408	29.454	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 117.800%	
26) 1,2-Dichloroethane-d4	8.305	65	14857	30.289	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 121.160%	
32) Benzene-d6	8.275	84	49534	43.239	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 172.960%#	
36) 1,2-Dichloropropane-d6	9.275	67	14366	45.126	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 180.520%#	
41) Toluene-d8	10.323	98	38077	32.415	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 129.680%	
43) trans-1,3-Dichloroprop...	10.573	79	3315	22.932	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 91.720%	
47) 2-Hexanone-d5	10.927	63	3465	56.887	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 113.780%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	8674	29.451	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 117.800%	
66) 1,2-Dichlorobenzene-d4	13.853	152	4054	26.869	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 107.480%	
Target Compounds						
						Qvalue
16) Methylene chloride	4.922	84	2903	5.147	ug/L	82
34) Trichloroethene	9.092	95	37207	105.852	ug/L	91
42) Toluene	10.390	91	3770	2.591	ug/L	93
46) Tetrachloroethene	10.866	164	49481	153.731	ug/L	95
53) m,p-Xylene	11.835	106	586	0.865	ug/L	92
54) o-Xylene	12.164	106	421	0.659	ug/L	85
63) 1,2,4-Trimethylbenzene	13.249	105	450	0.913	ug/L	# 77

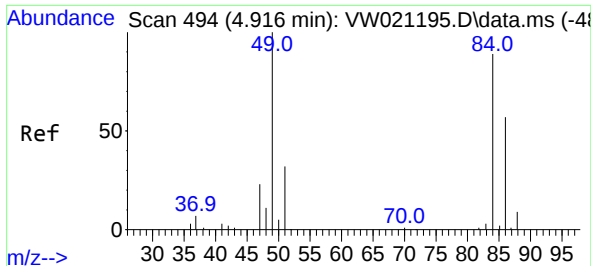
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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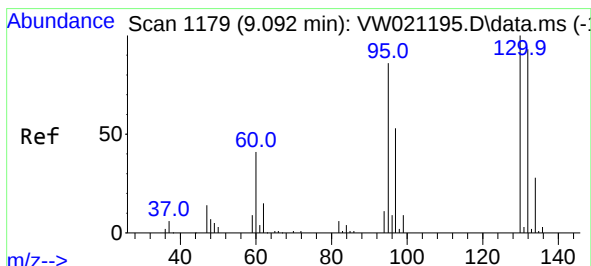
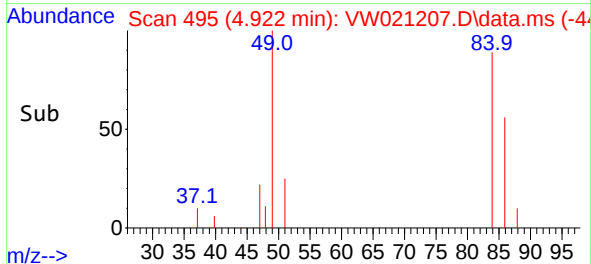
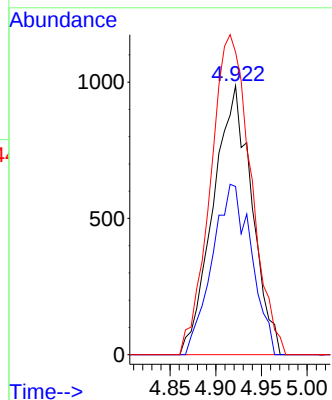
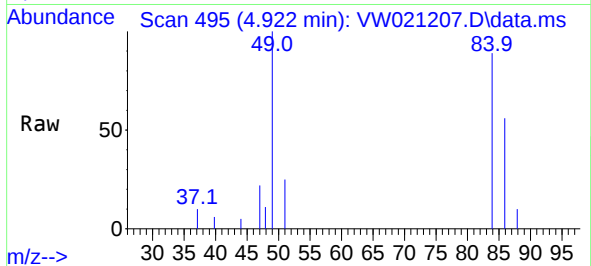




#16
Methylene chloride
Concen: 5.147 ug/L
RT: 4.922 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW021207.D
Acq: 07 Dec 2021 16:17

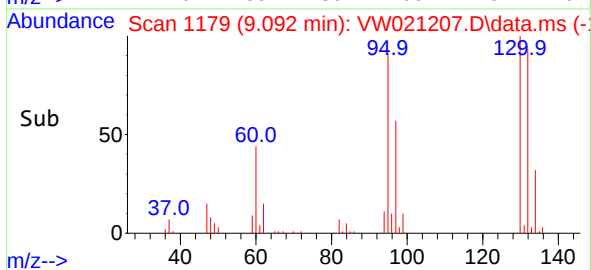
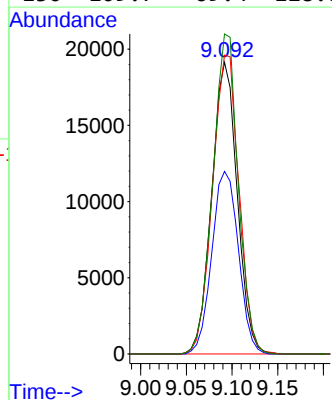
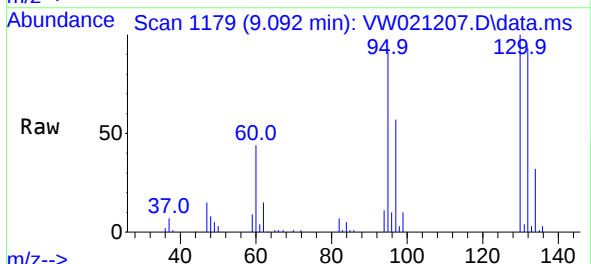
Instrument :
MSVOA_W
ClientSampleId :
EX8C4RE

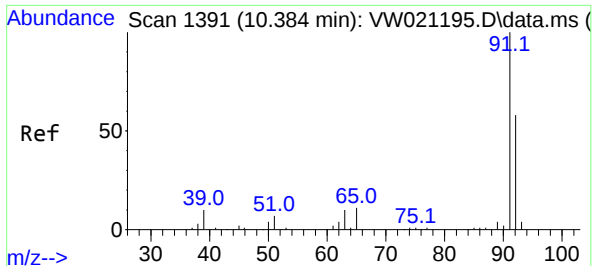
Tgt Ion: 84 Resp: 2903
Ion Ratio Lower Upper
84 100
86 62.5 45.5 84.5
49 112.5 100.5 186.7



#34
Trichloroethene
Concen: 105.852 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021207.D
Acq: 07 Dec 2021 16:17

Tgt Ion: 95 Resp: 37207
Ion Ratio Lower Upper
95 100
97 62.6 47.0 87.2
132 102.5 65.5 121.6
130 109.7 69.4 128.8

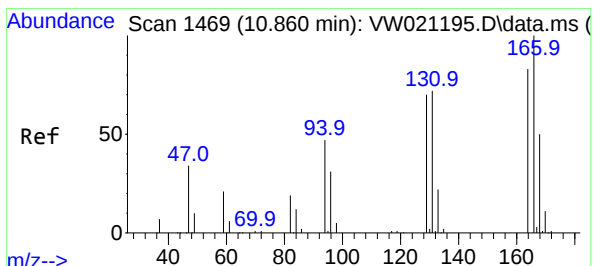
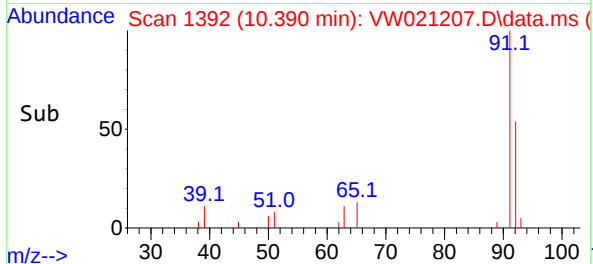
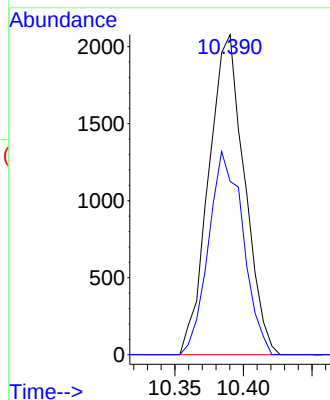
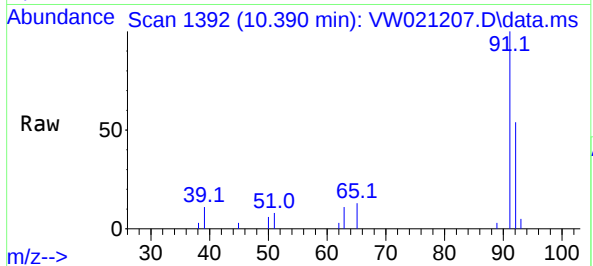




#42
Toluene
Concen: 2.591 ug/L
RT: 10.390 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW021207.D
Acq: 07 Dec 2021 16:17

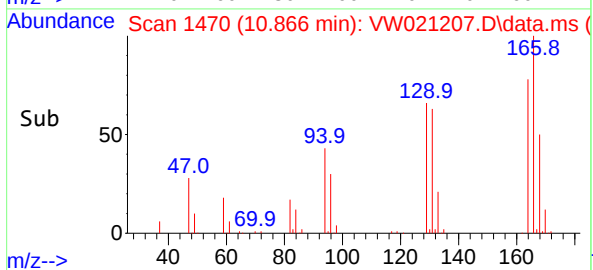
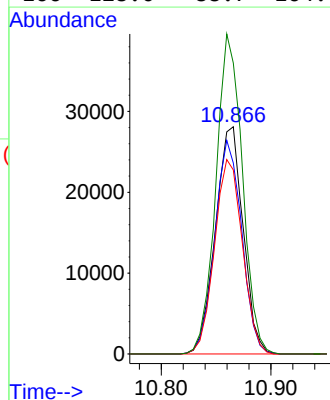
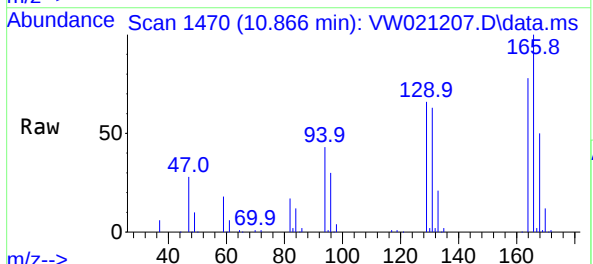
Instrument :
MSVOA_W
ClientSampleId :
EX8C4RE

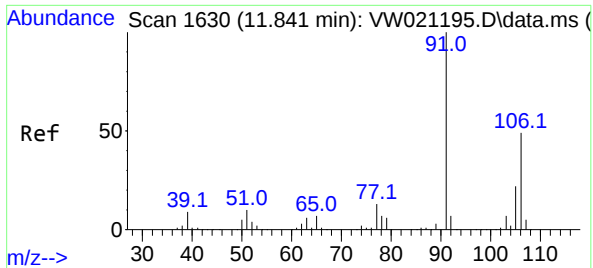
Tgt Ion: 91 Resp: 3770
Ion Ratio Lower Upper
91 100
92 54.1 41.7 77.5



#46
Tetrachloroethene
Concen: 153.731 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW021207.D
Acq: 07 Dec 2021 16:17

Tgt Ion: 164 Resp: 49481
Ion Ratio Lower Upper
164 100
129 84.0 65.5 121.7
131 81.0 59.7 110.9
166 128.0 88.7 164.7

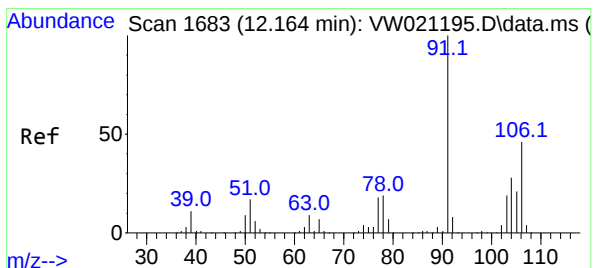
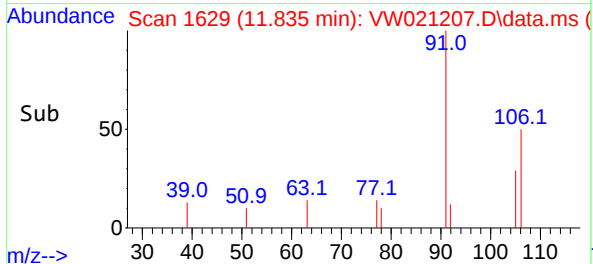
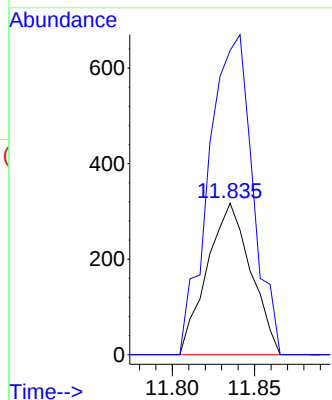
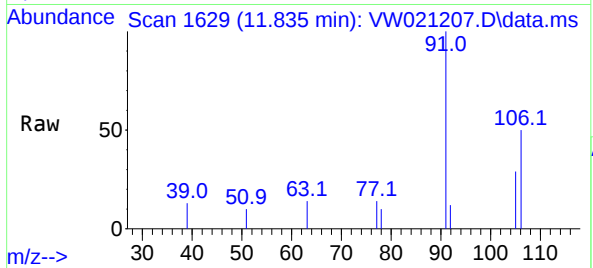




#53
m,p-Xylene
Concen: 0.865 ug/L
RT: 11.835 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW021207.D
Acq: 07 Dec 2021 16:17

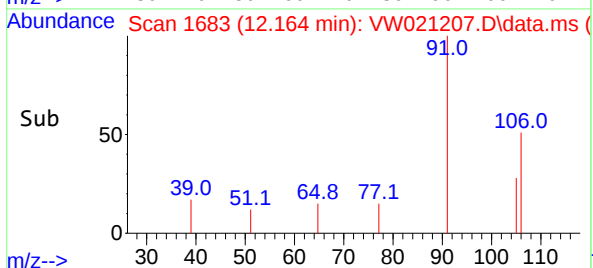
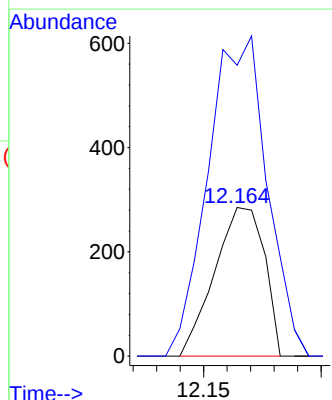
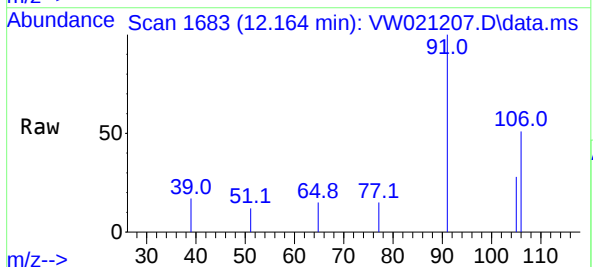
Instrument :
MSVOA_W
ClientSampleId :
EX8C4RE

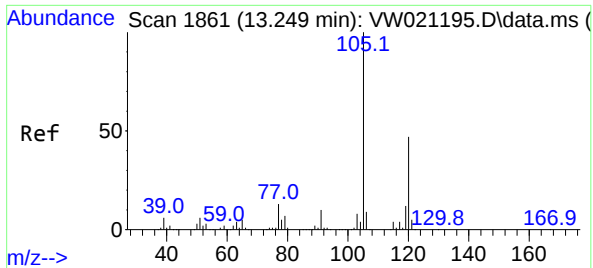
Tgt Ion:106 Resp: 586
Ion Ratio Lower Upper
106 100
91 200.9 149.9 278.3



#54
o-Xylene
Concen: 0.659 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021207.D
Acq: 07 Dec 2021 16:17

Tgt Ion:106 Resp: 421
Ion Ratio Lower Upper
106 100
91 195.8 153.6 285.3





#63
 1,2,4-Trimethylbenzene
 Concen: 0.913 ug/L
 RT: 13.249 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW021207.D
 Acq: 07 Dec 2021 16:17

Instrument :
 MSVOA_W
 ClientSampleId :
 EX8C4RE

Tgt Ion:105 Resp: 450
 Ion Ratio Lower Upper
 105 100
 120 29.1 35.0 52.6#

