

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042321\
 Data File : VW018765.D
 Acq On : 23 Apr 2021 18:09
 Operator : SY/VA
 Sample : M2165-14
 Misc : 5.25G/10ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 24 00:19:44 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)

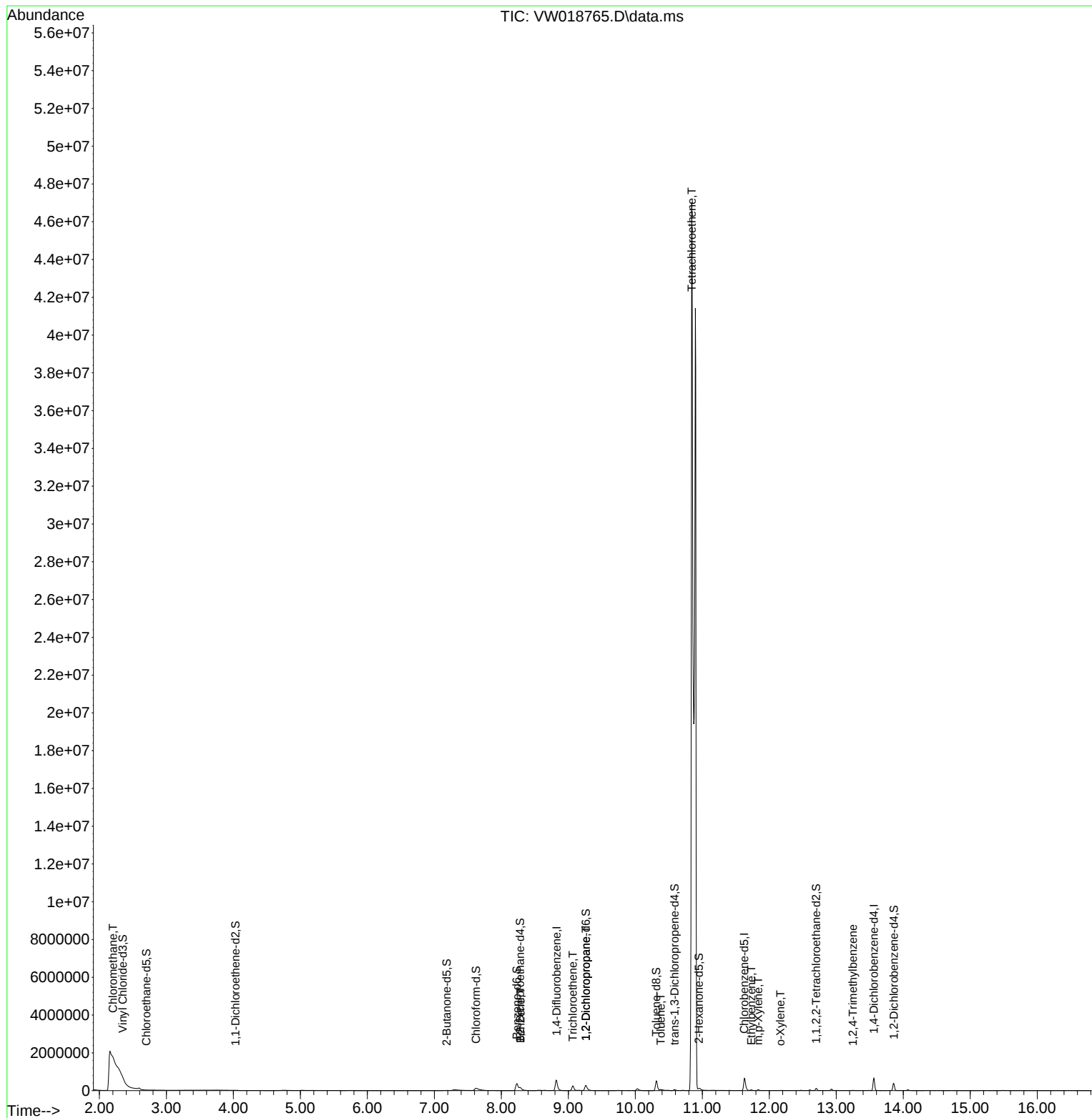
Internal Standards						
1) 1,4-Difluorobenzene	8.823	114	584343	25.00	ug/L	-0.02
28) Chlorobenzene-d5	11.628	117	429273	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	170079	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	85989	9.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	38.72%
7) Chloroethane-d5	2.703	69	116	0.01	ug/L	-0.19
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.04%#
11) 1,1-Dichloroethene-d2	4.032	63	159	0.01	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.04%#
21) 2-Butanone-d5	7.183	46	18750	9.28	ug/L	0.11
Spiked Amount	50.000	Range	20 - 135	Recovery	=	18.56%#
24) Chloroform-d	7.622	84	254842	15.89	ug/L	-0.02
Spiked Amount	25.000	Range	40 - 150	Recovery	=	63.56%
26) 1,2-Dichloroethane-d4	8.281	65	141648	15.71	ug/L	-0.02
Spiked Amount	25.000	Range	70 - 130	Recovery	=	62.84%#
32) Benzene-d6	8.232	84	504220	20.02	ug/L	-0.04
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.08%
36) 1,2-Dichloropropane-d6	9.262	67	165933	21.86	ug/L	-0.01
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.44%
41) Toluene-d8	10.311	98	411820	17.88	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.52%
43) trans-1,3-Dichloroprop...	10.585	79	43404	13.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	53.72%
47) 2-Hexanone-d5	10.951	63	27685	20.98	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	41.96%
56) 1,1,2,2-Tetrachloroeth...	12.701	84	64047	10.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	40.44%#
66) 1,2-Dichlorobenzene-d4	13.859	152	101615	17.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	68.04%#
Target Compounds						Qvalue
3) Chloromethane	2.203	50	24025	3.16	ug/L	97
33) Benzene	8.287	78	11021	0.41	ug/L	100
34) Trichloroethene	9.067	95	97414	14.03	ug/L	96
37) 1,2-Dichloropropane	9.262	63	18404	2.70	ug/L #	85
42) Toluene	10.378	91	43635	1.51	ug/L	95
46) Tetrachloroethene	10.841	164	9853543	2009.28	ug/L	91
52) Ethylbenzene	11.731	91	13511	0.42	ug/L	96
53) m,p-Xylene	11.835	106	9030	0.77	ug/L	96
54) o-Xylene	12.164	106	2707	0.24	ug/L	73
63) 1,2,4-Trimethylbenzene	13.249	105	9036	0.44	ug/L	97

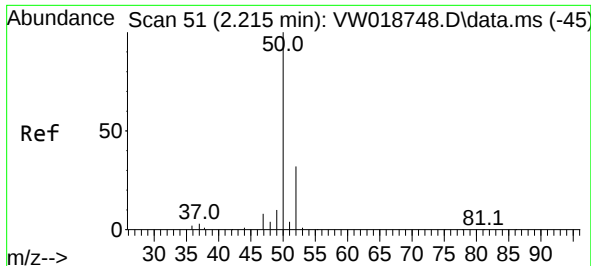
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

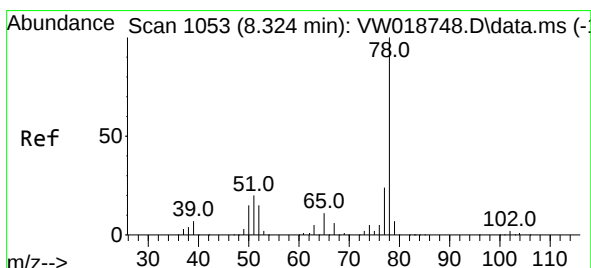
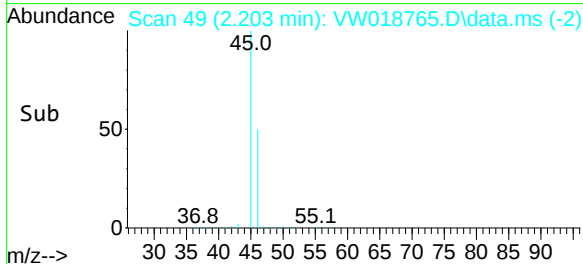
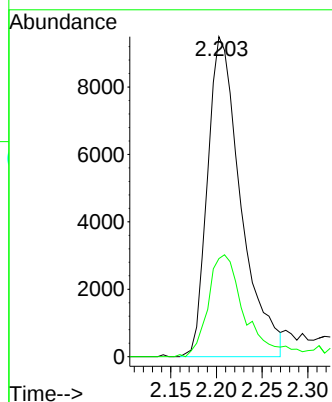
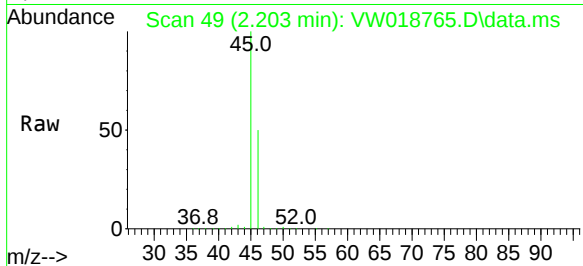




#3
Chloromethane
Concen: 3.16 ug/L
RT: 2.203 min Scan# 49
Delta R.T. -0.012 min
Lab File: VW018765.D
Acq: 23 Apr 2021 18:09

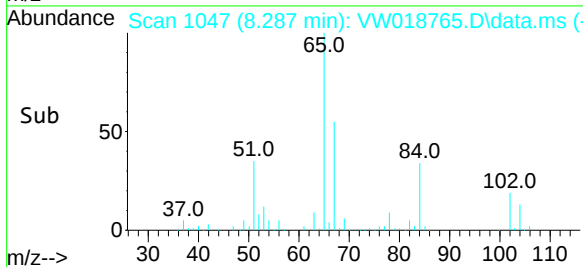
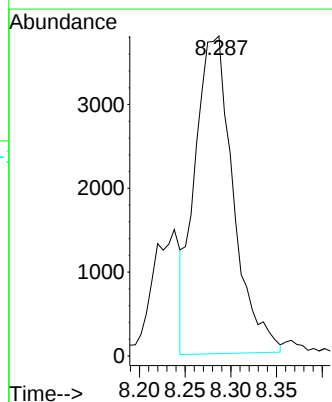
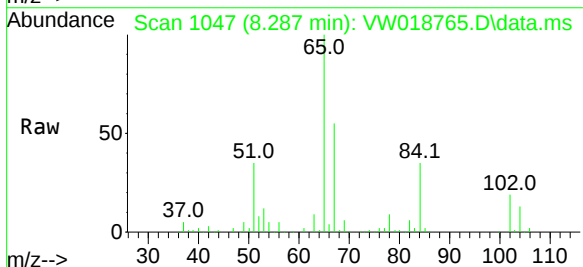
Instrument :
MSVOA_W
ClientSampled :

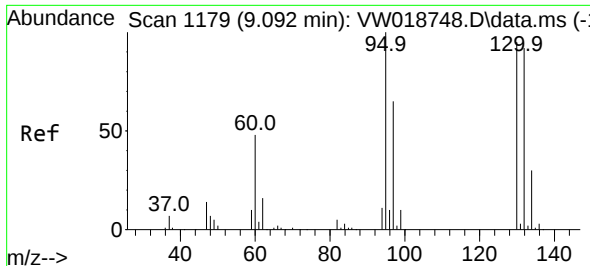
Tgt Ion: 50 Resp: 24025
Ion Ratio Lower Upper
50 100
52 30.6 22.5 41.9



#33
Benzene
Concen: 0.41 ug/L
RT: 8.287 min Scan# 1047
Delta R.T. -0.037 min
Lab File: VW018765.D
Acq: 23 Apr 2021 18:09

Tgt Ion: 78 Resp: 11021



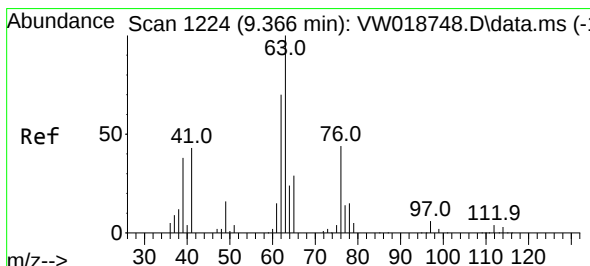
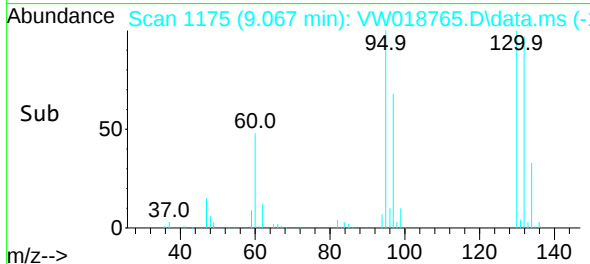
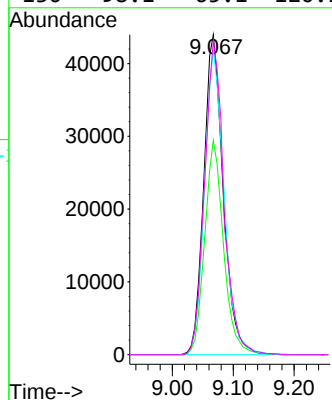
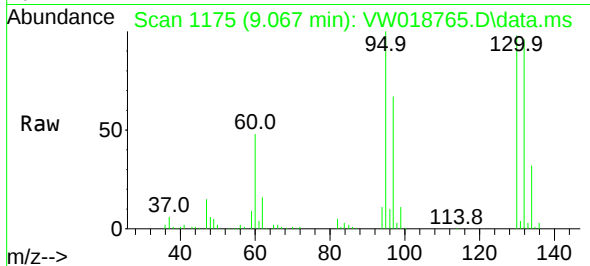


#34
Trichloroethene
Concen: 14.03 ug/L
RT: 9.067 min Scan# 1175
Delta R.T. -0.024 min
Lab File: VW018765.D
Acq: 23 Apr 2021 18:09

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 95 Resp: 97414

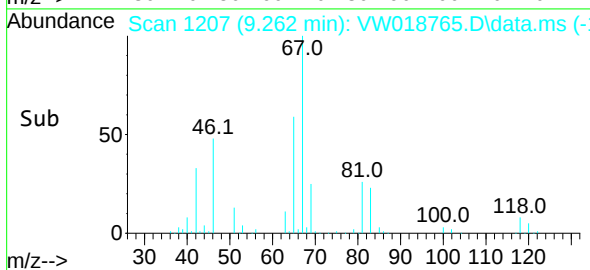
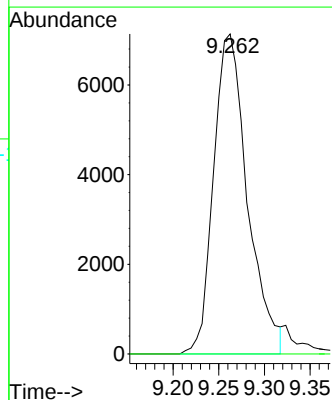
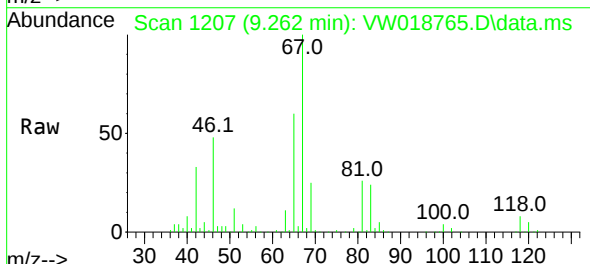
Ion	Ratio	Lower	Upper
95	100		
97	67.0	47.3	87.8
132	95.6	71.0	131.8
130	98.1	65.1	120.9

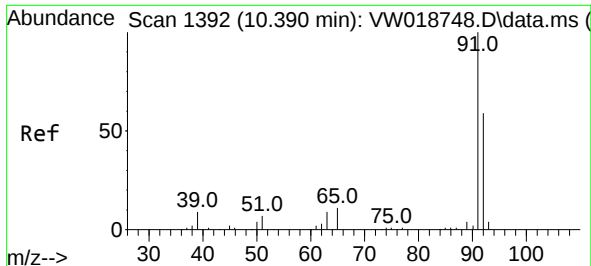


#37
1,2-Dichloropropane
Concen: 2.70 ug/L
RT: 9.262 min Scan# 1207
Delta R.T. -0.104 min
Lab File: VW018765.D
Acq: 23 Apr 2021 18:09

Tgt Ion: 63 Resp: 18404

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.9	5.9#

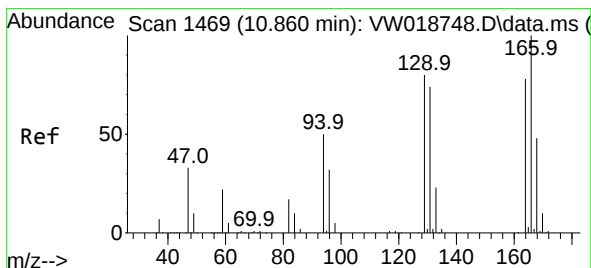
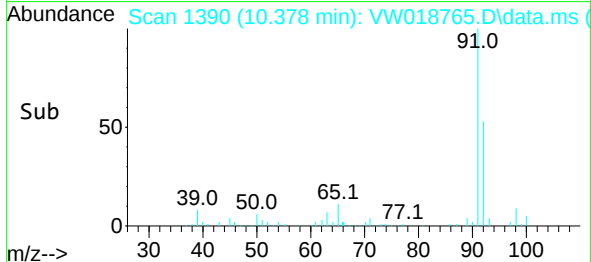
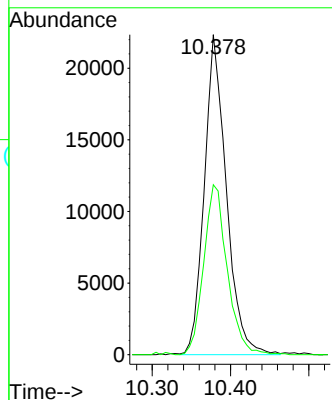
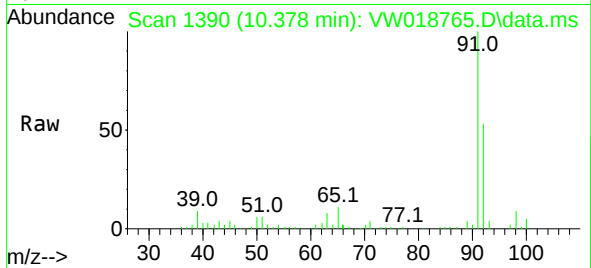




#42
Toluene
Concen: 1.51 ug/L
RT: 10.378 min Scan# 1390
Delta R.T. -0.012 min
Lab File: VW018765.D
Acq: 23 Apr 2021 18:09

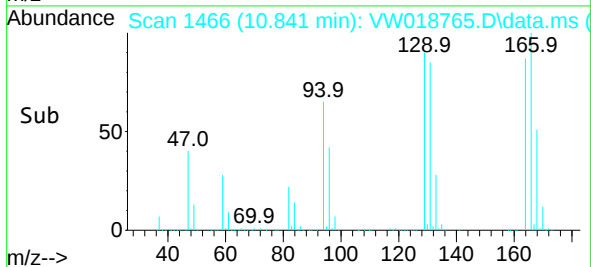
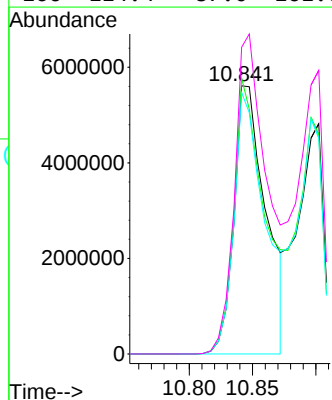
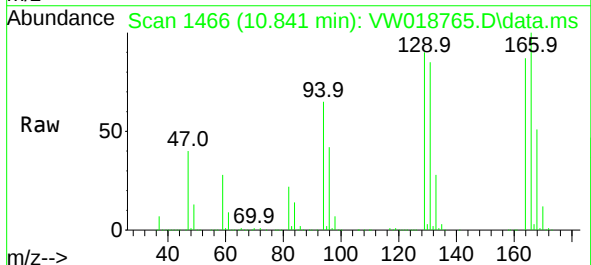
Instrument :
MSVOA_W
ClientSampled :

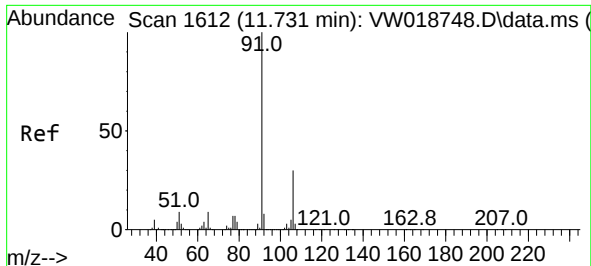
Tgt Ion: 91 Resp: 43635
Ion Ratio Lower Upper
91 100
92 53.1 39.5 73.3



#46
Tetrachloroethene
Concen: 2009.28 ug/L
RT: 10.841 min Scan# 1466
Delta R.T. -0.018 min
Lab File: VW018765.D
Acq: 23 Apr 2021 18:09

Tgt Ion:164 Resp: 9853543
Ion Ratio Lower Upper
164 100
129 102.8 66.7 123.9
131 97.5 61.1 113.5
166 114.4 87.0 161.6

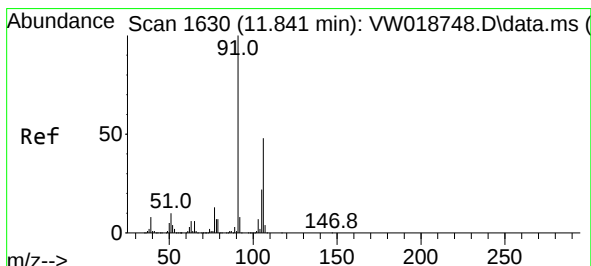
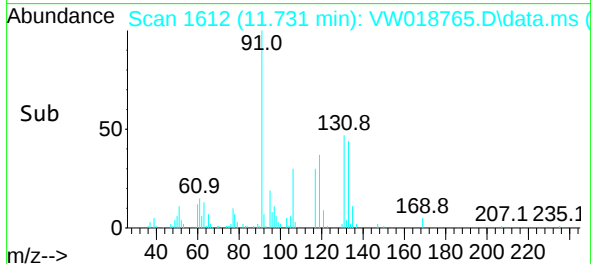
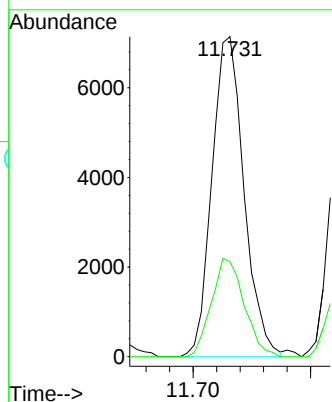
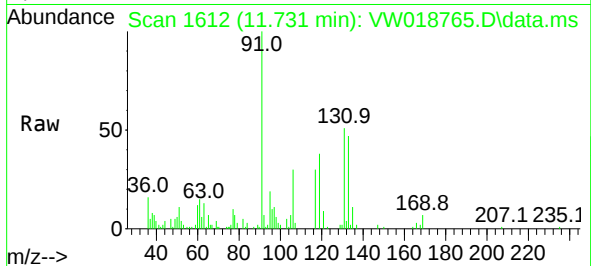




#52
Ethylbenzene
Concen: 0.42 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018765.D
Acq: 23 Apr 2021 18:09

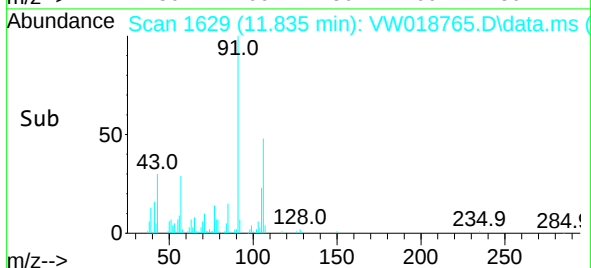
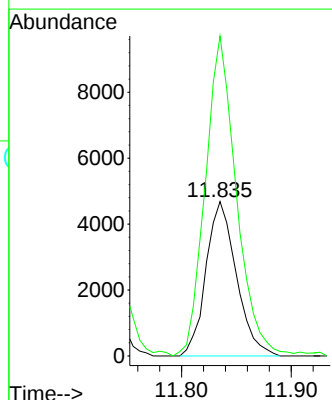
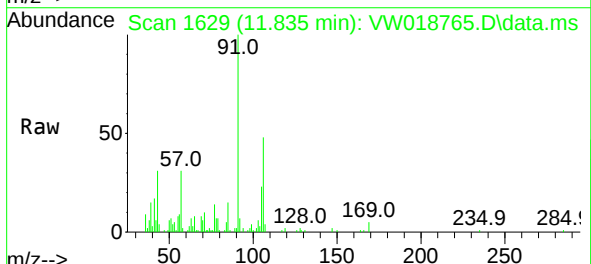
Instrument :
MSVOA_W
ClientSampled :

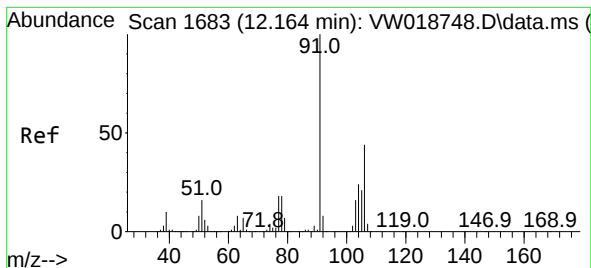
Tgt Ion: 91 Resp: 13511
Ion Ratio Lower Upper
91 100
106 29.7 22.5 41.7



#53
m,p-Xylene
Concen: 0.77 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW018765.D
Acq: 23 Apr 2021 18:09

Tgt Ion:106 Resp: 9030
Ion Ratio Lower Upper
106 100
91 207.3 141.3 262.3

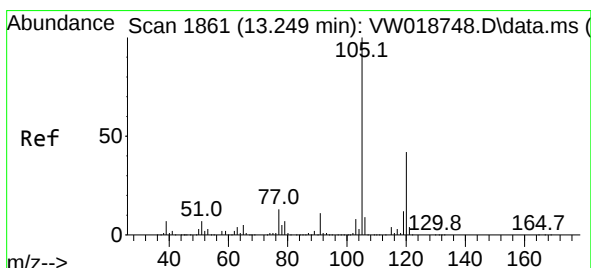
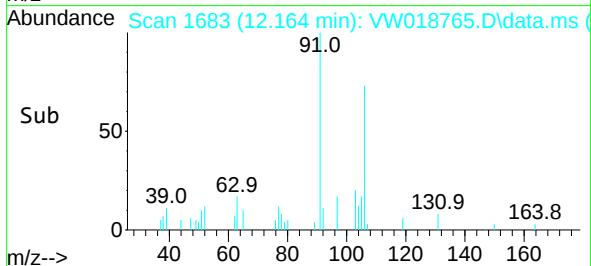
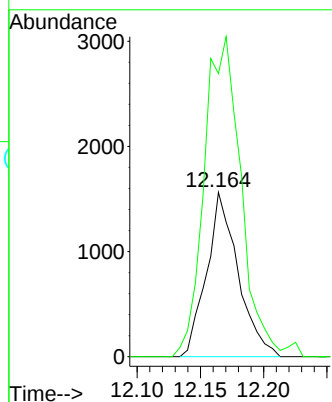
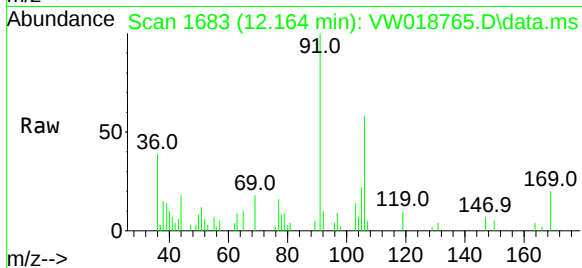




#54
o-Xylene
Concen: 0.24 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018765.D
Acq: 23 Apr 2021 18:09

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:106 Resp: 2707
Ion Ratio Lower Upper
106 100
91 172.1 150.0 278.6



#63
1,2,4-Trimethylbenzene
Concen: 0.44 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW018765.D
Acq: 23 Apr 2021 18:09

Tgt Ion:105 Resp: 9036
Ion Ratio Lower Upper
105 100
120 46.5 35.6 53.4

