

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080521\
 Data File : VW019678.D
 Acq On : 05 Aug 2021 13:11
 Operator : SY/VA
 Sample : M3264-06
 Misc : 7.57g/10mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB645

Quant Time: Aug 06 01:38:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 06 01:35:48 2021
 Response via : Initial Calibration

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

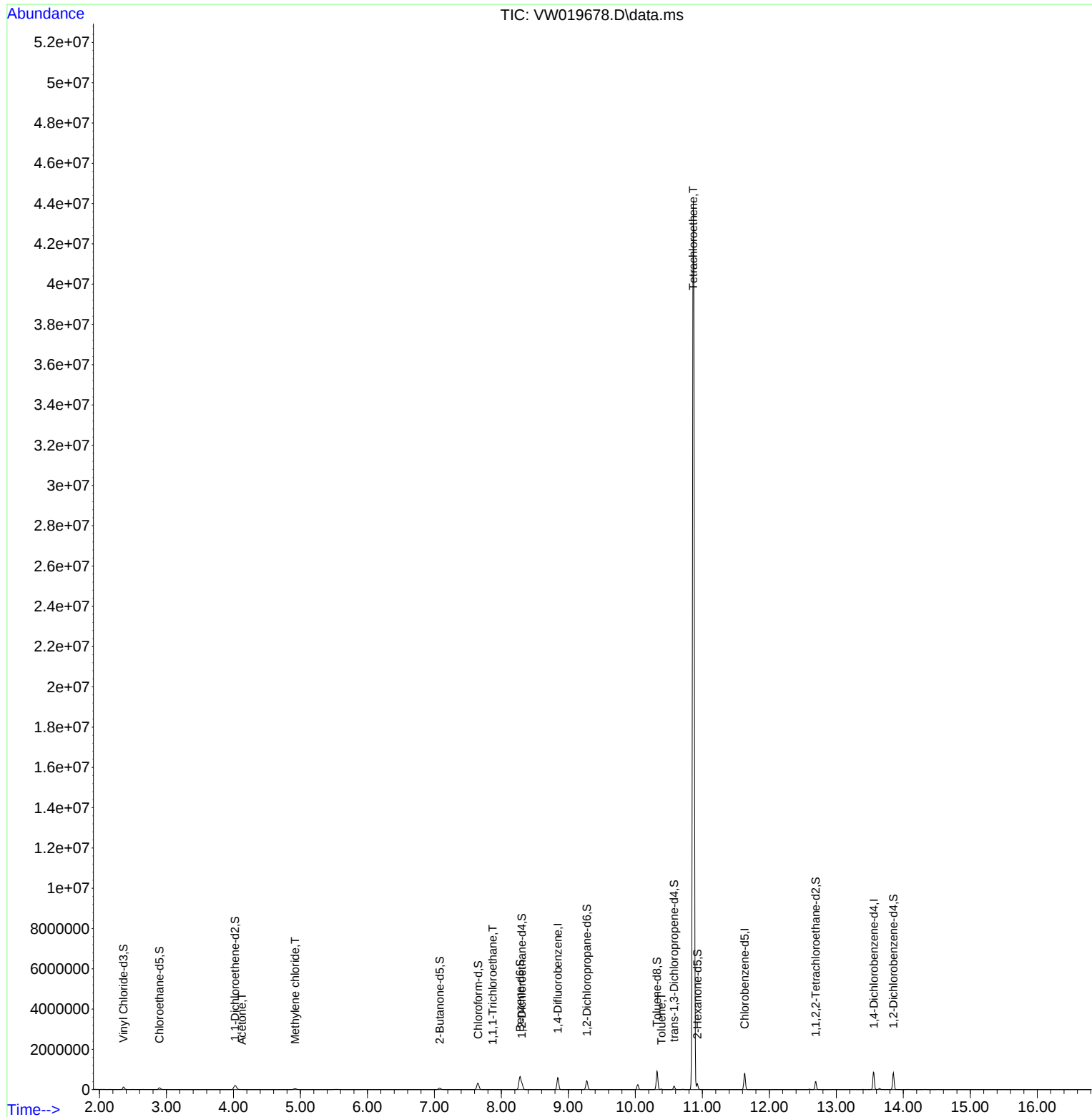
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	474749	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	447086	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	220016	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	147292	21.897	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.600%
7) Chloroethane-d5	2.897	69	121894	25.412	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.640%
11) 1,1-Dichloroethene-d2	4.025	63	230587	17.766	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.080%
21) 2-Butanone-d5	7.080	46	121350	62.156	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.320%
24) Chloroform-d	7.653	84	327503	24.966	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.880%
26) 1,2-Dichloroethane-d4	8.305	65	214973	29.863	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.440%
32) Benzene-d6	8.281	84	652879	24.532	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.120%
36) 1,2-Dichloropropane-d6	9.274	67	204425	24.645	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.560%
41) Toluene-d8	10.323	98	594888	24.793	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.160%
43) trans-1,3-Dichloroprop...	10.579	79	95047	26.756	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.040%
47) 2-Hexanone-d5	10.926	63	98581	64.059	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.120%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	198893	29.674	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	212267	27.344	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.360%
Target Compounds						Qvalue
13) Acetone	4.129	43	10341	7.188	ug/L	97
16) Methylene chloride	4.921	84	40118	4.239	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	7757	0.841	ug/L	98
42) Toluene	10.390	91	19657	0.674	ug/L	95
46) Tetrachloroethene	10.866	164	10380142	1906.873	ug/L	94

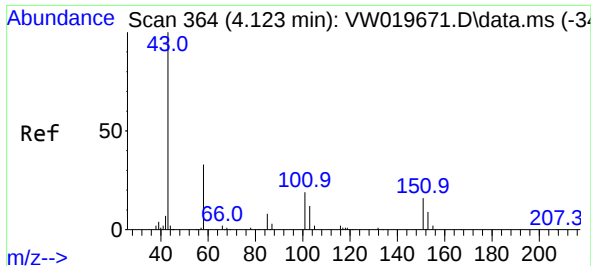
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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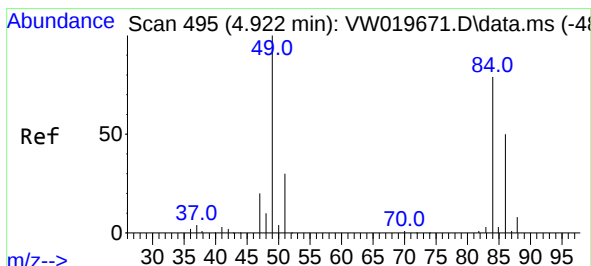
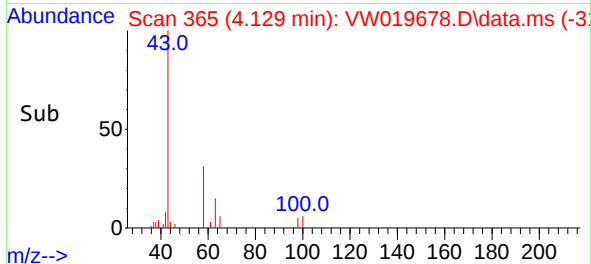
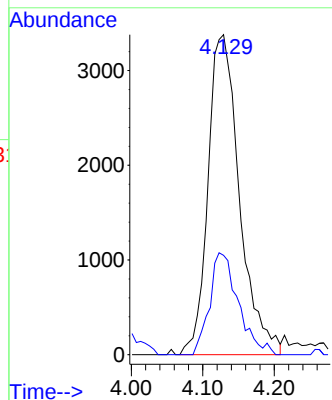
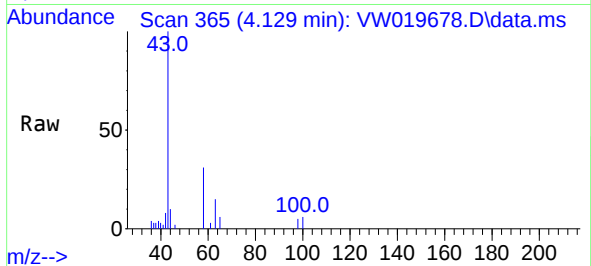




#13
Acetone
Concen: 7.188 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW019678.D
Acq: 05 Aug 2021 13:11

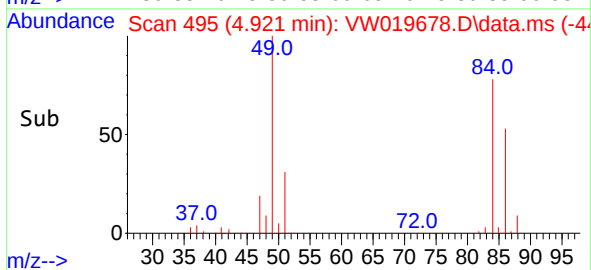
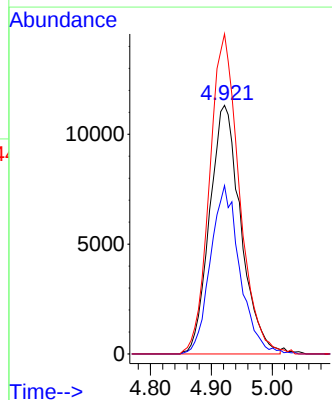
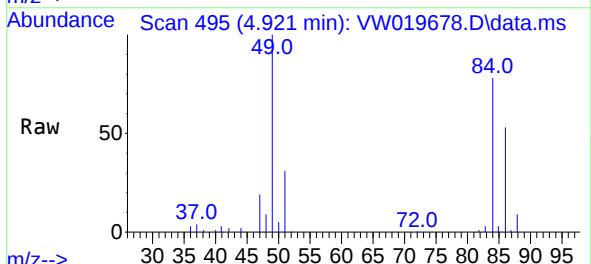
Instrument :
MSVOA_W
ClientSampled :
GB645

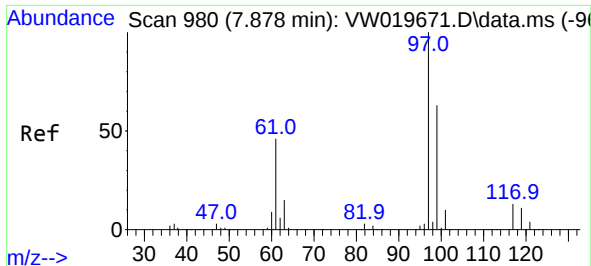
Tgt Ion: 43 Resp: 10341
Ion Ratio Lower Upper
43 100
58 28.4 0.0 53.8



#16
Methylene chloride
Concen: 4.239 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW019678.D
Acq: 05 Aug 2021 13:11

Tgt Ion: 84 Resp: 40118
Ion Ratio Lower Upper
84 100
86 67.7 45.3 84.1
49 128.7 86.6 160.8

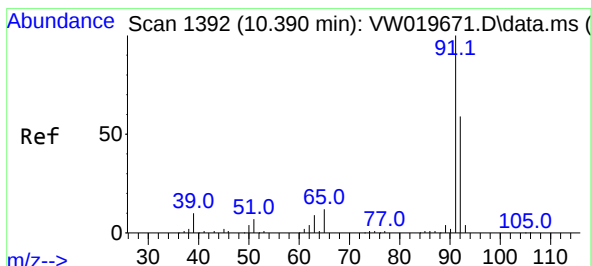
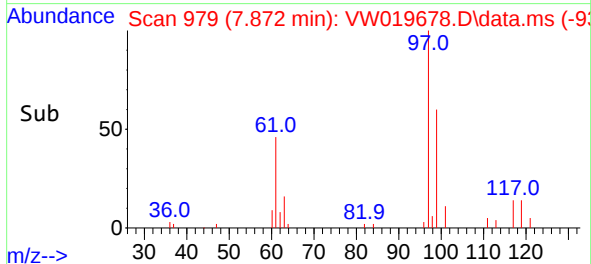
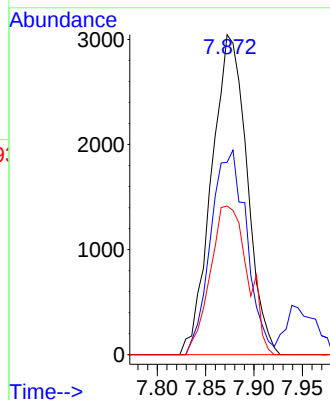
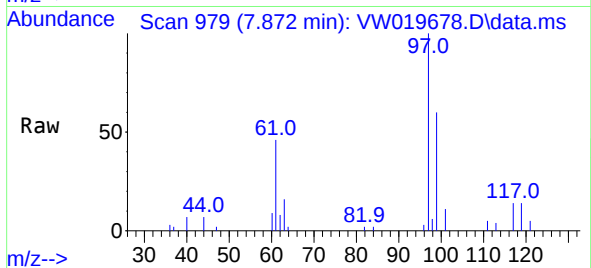




#30
1,1,1-Trichloroethane
Concen: 0.841 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW019678.D
Acq: 05 Aug 2021 13:11

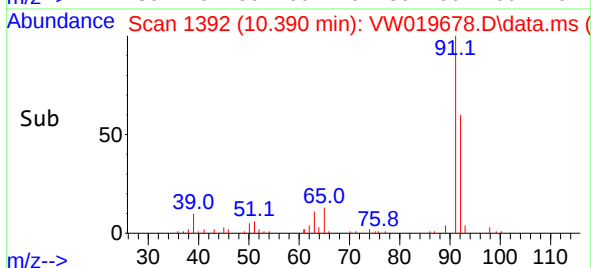
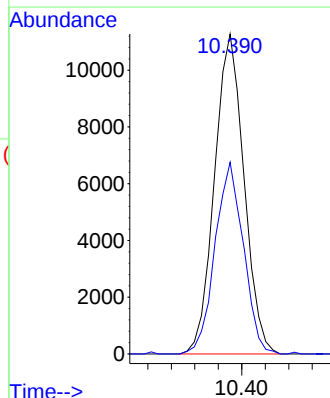
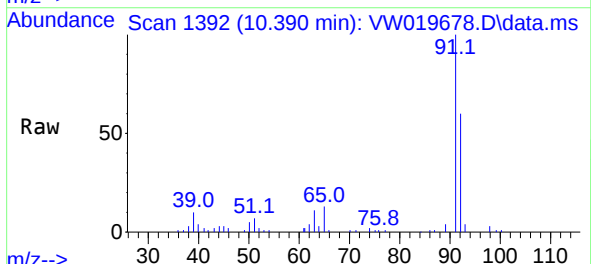
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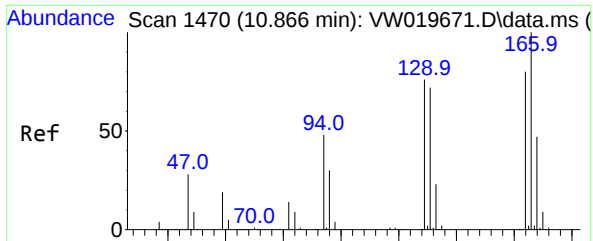
Tgt Ion:	97	Resp:	7757
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.4	77.2
61	44.7	37.8	56.6



#42
Toluene
Concen: 0.674 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW019678.D
Acq: 05 Aug 2021 13:11

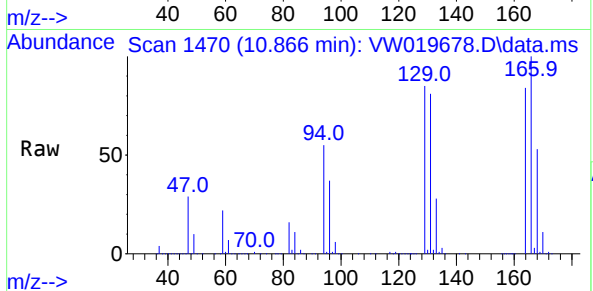
Tgt Ion:	91	Resp:	19657
Ion	Ratio	Lower	Upper
91	100		
92	59.9	39.5	73.3





#46
Tetrachloroethene
Concen: 1906.873 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW019678.D
Acq: 05 Aug 2021 13:11

Instrument :
MSVOA_W
ClientSampleId :
GB645



Tgt Ion:164 Resp:10380142

Ion	Ratio	Lower	Upper
164	100		
129	100.3	66.7	123.9
131	96.0	61.1	113.5
166	118.7	87.0	161.6

