

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072221\
 Data File : VW019551.D
 Acq On : 22 Jul 2021 14:19
 Operator : SY/VA
 Sample : M3106-06
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 23 01:49:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 23 01:46:10 2021
 Response via : Initial Calibration

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

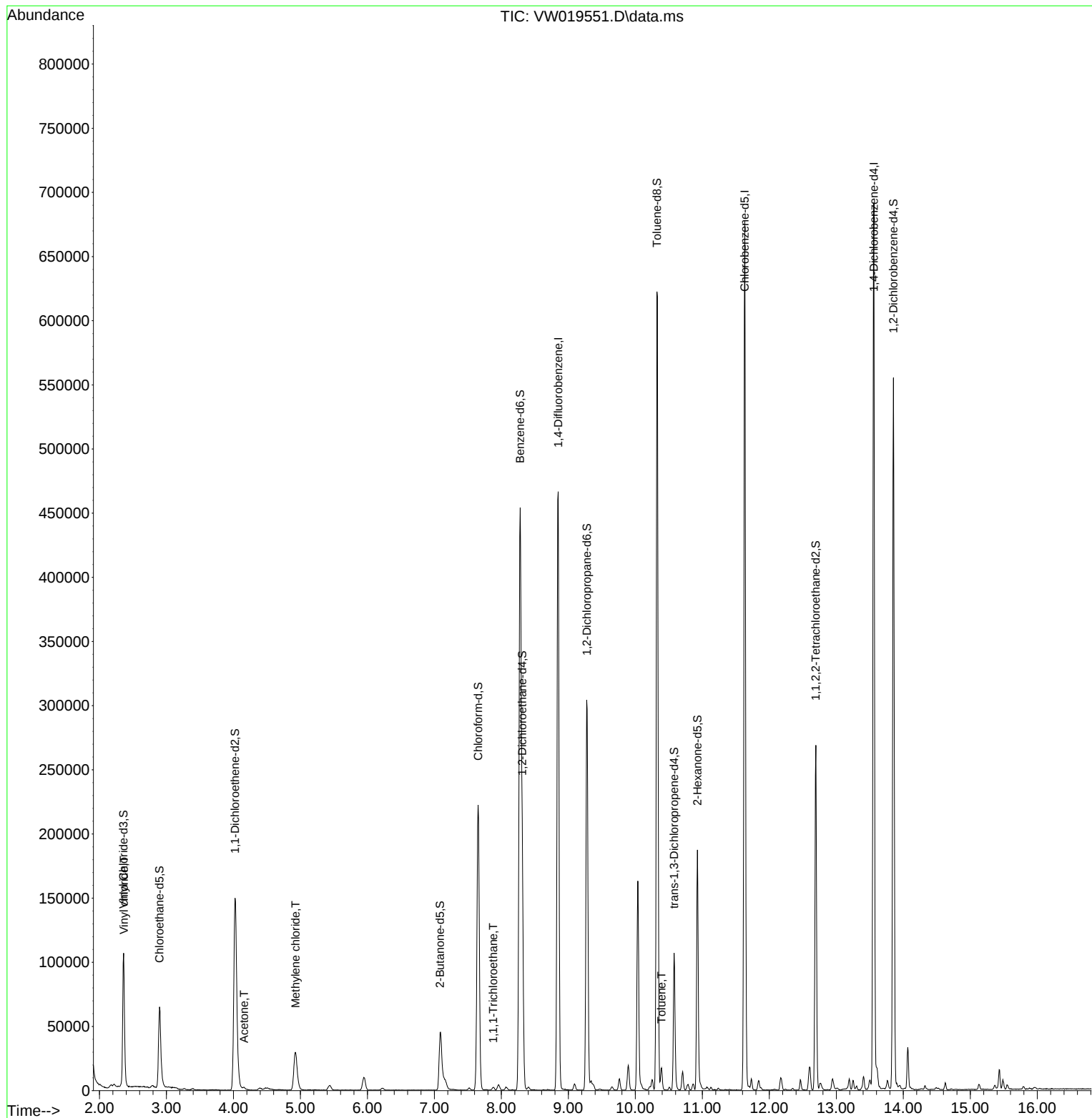
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	392863	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	370166	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	177637	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	118643	21.314	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.240%
7) Chloroethane-d5	2.897	69	85747	21.602	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	4.025	63	168879	15.724	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.880%
21) 2-Butanone-d5	7.086	46	81376	50.369	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.740%
24) Chloroform-d	7.653	84	232901	21.455	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.840%
26) 1,2-Dichloroethane-d4	8.311	65	135225	22.700	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	8.281	84	471369	21.392	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.560%
36) 1,2-Dichloropropane-d6	9.274	67	149011	21.697	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.800%
41) Toluene-d8	10.323	98	416529	20.967	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.880%
43) trans-1,3-Dichloroprop...	10.579	79	60371	20.526	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.120%
47) 2-Hexanone-d5	10.926	63	63512	49.847	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.700%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	134690	24.271	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.080%
66) 1,2-Dichlorobenzene-d4	13.853	152	143241	22.855	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.400%
Target Compounds						Qvalue
5) Vinyl chloride	2.367	62	2144	0.324	ug/L #	1
13) Acetone	4.159	43	3864	3.246	ug/L	86
16) Methylene chloride	4.928	84	26411	3.372	ug/L	96
30) 1,1,1-Trichloroethane	7.878	97	1941	0.254	ug/L #	69
42) Toluene	10.390	91	12745	0.528	ug/L	97

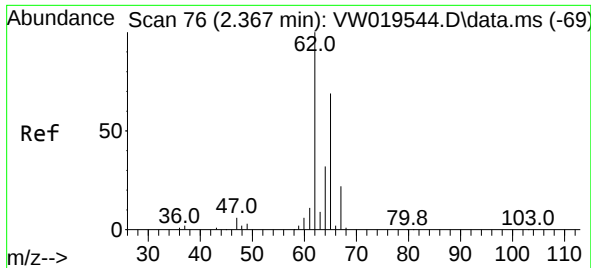
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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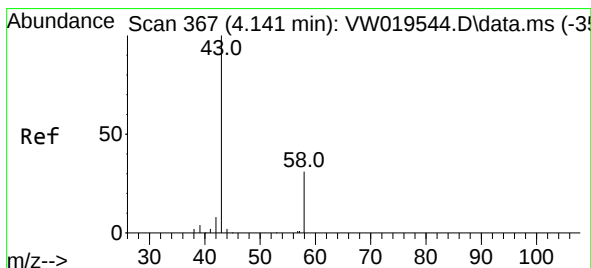
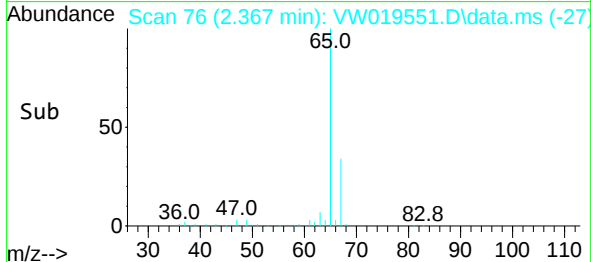
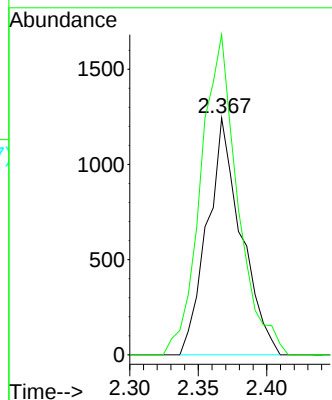
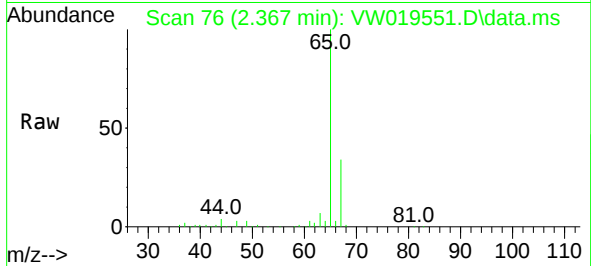




#5
 Vinyl chloride
 Concen: 0.324 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW019551.D
 Acq: 22 Jul 2021 14:19

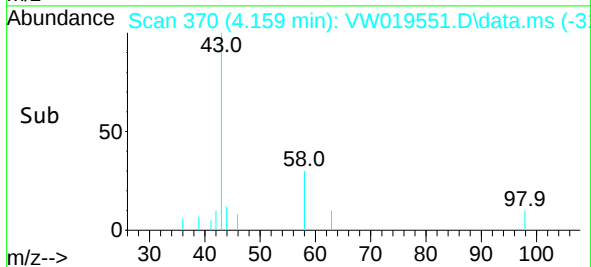
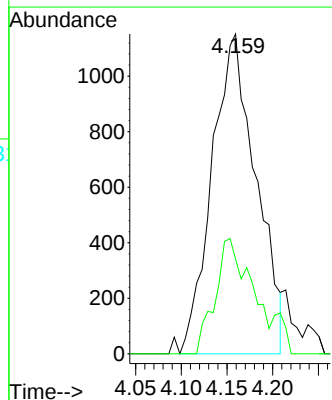
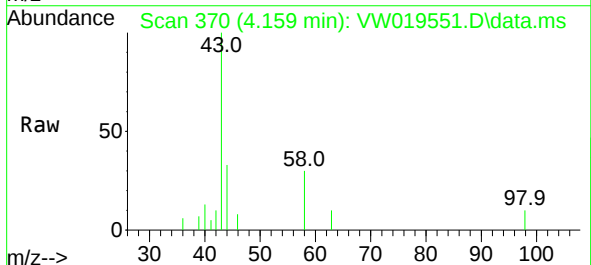
Instrument :
 MSVOA_W
 ClientSampled :

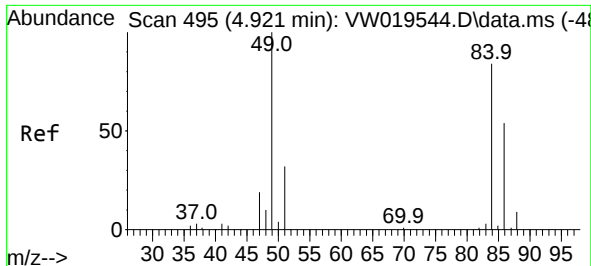
Tgt Ion: 62 Resp: 2144
 Ion Ratio Lower Upper
 62 100
 64 135.2 24.2 45.0#



#13
 Acetone
 Concen: 3.246 ug/L
 RT: 4.159 min Scan# 370
 Delta R.T. 0.018 min
 Lab File: VW019551.D
 Acq: 22 Jul 2021 14:19

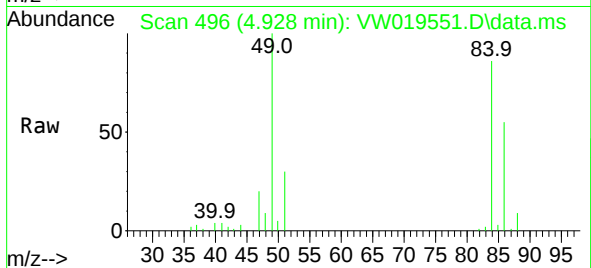
Tgt Ion: 43 Resp: 3864
 Ion Ratio Lower Upper
 43 100
 58 19.8 0.0 53.8





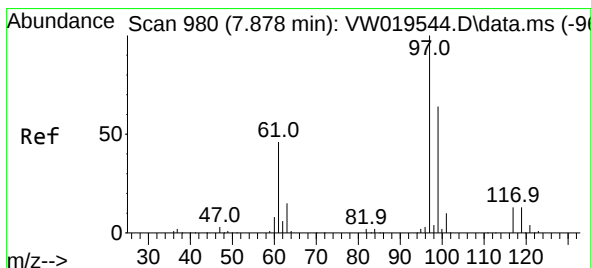
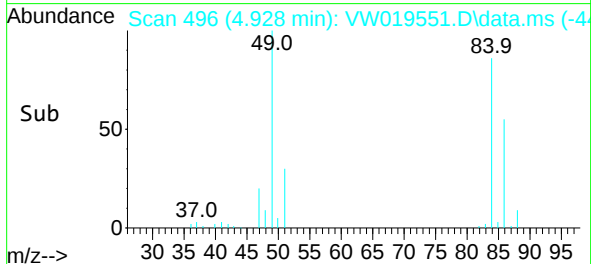
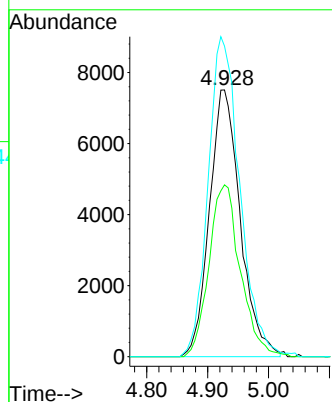
#16
Methylene chloride
Concen: 3.372 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW019551.D
Acq: 22 Jul 2021 14:19

Instrument :
MSVOA_W
ClientSampled :



Tgt Ion: 84 Resp: 26411

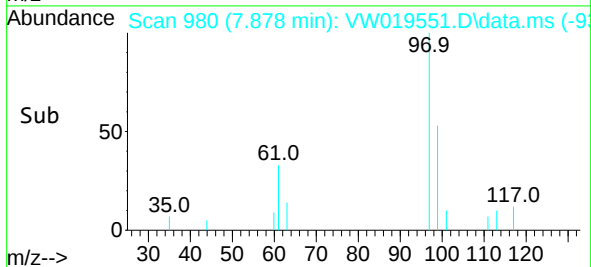
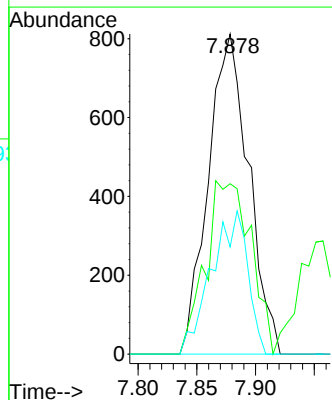
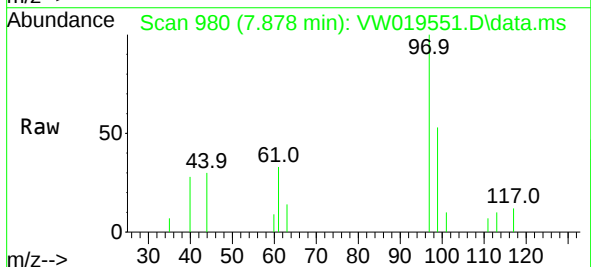
Ion	Ratio	Lower	Upper
84	100		
86	64.4	45.3	84.1
49	116.4	86.6	160.8

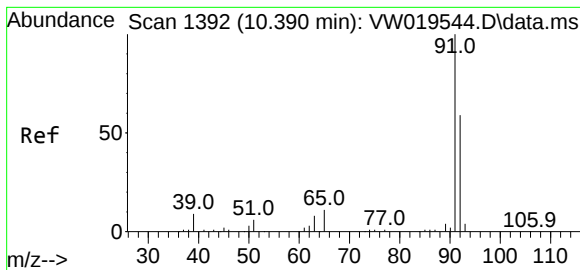


#30
1,1,1-Trichloroethane
Concen: 0.254 ug/L
RT: 7.878 min Scan# 980
Delta R.T. 0.000 min
Lab File: VW019551.D
Acq: 22 Jul 2021 14:19

Tgt Ion: 97 Resp: 1941

Ion	Ratio	Lower	Upper
97	100		
99	27.6	51.4	77.2#
61	40.1	37.8	56.6





#42

Toluene

Concen: 0.528 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW019551.D

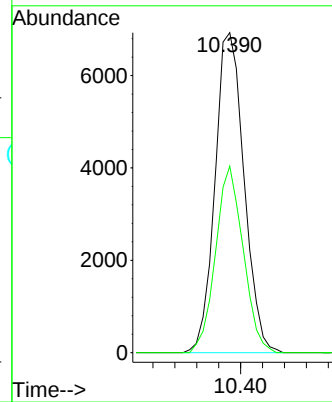
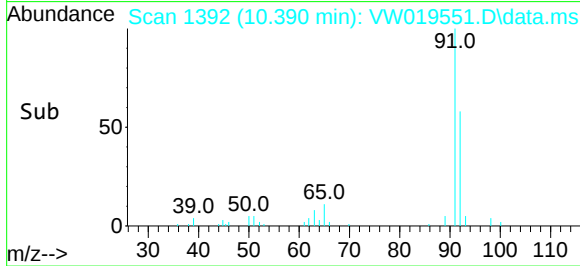
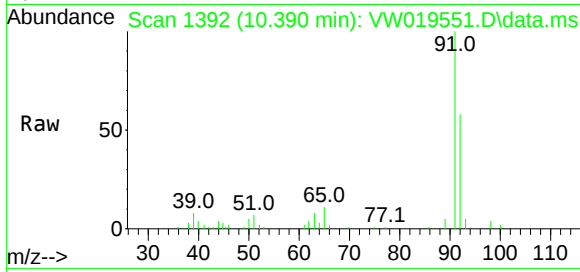
Acq: 22 Jul 2021 14:19

Tgt Ion: 91 Resp: 12745

Ion Ratio Lower Upper

91 100

92 58.3 39.5 73.3



Instrument :
MSVOA_W
ClientSampleId :