

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072821\
 Data File : VW019641.D
 Acq On : 28 Jul 2021 14:57
 Operator : SY/VA
 Sample : M3220-04
 Misc : 5.01g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 29 01:14:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 29 01:12:37 2021
 Response via : Initial Calibration

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

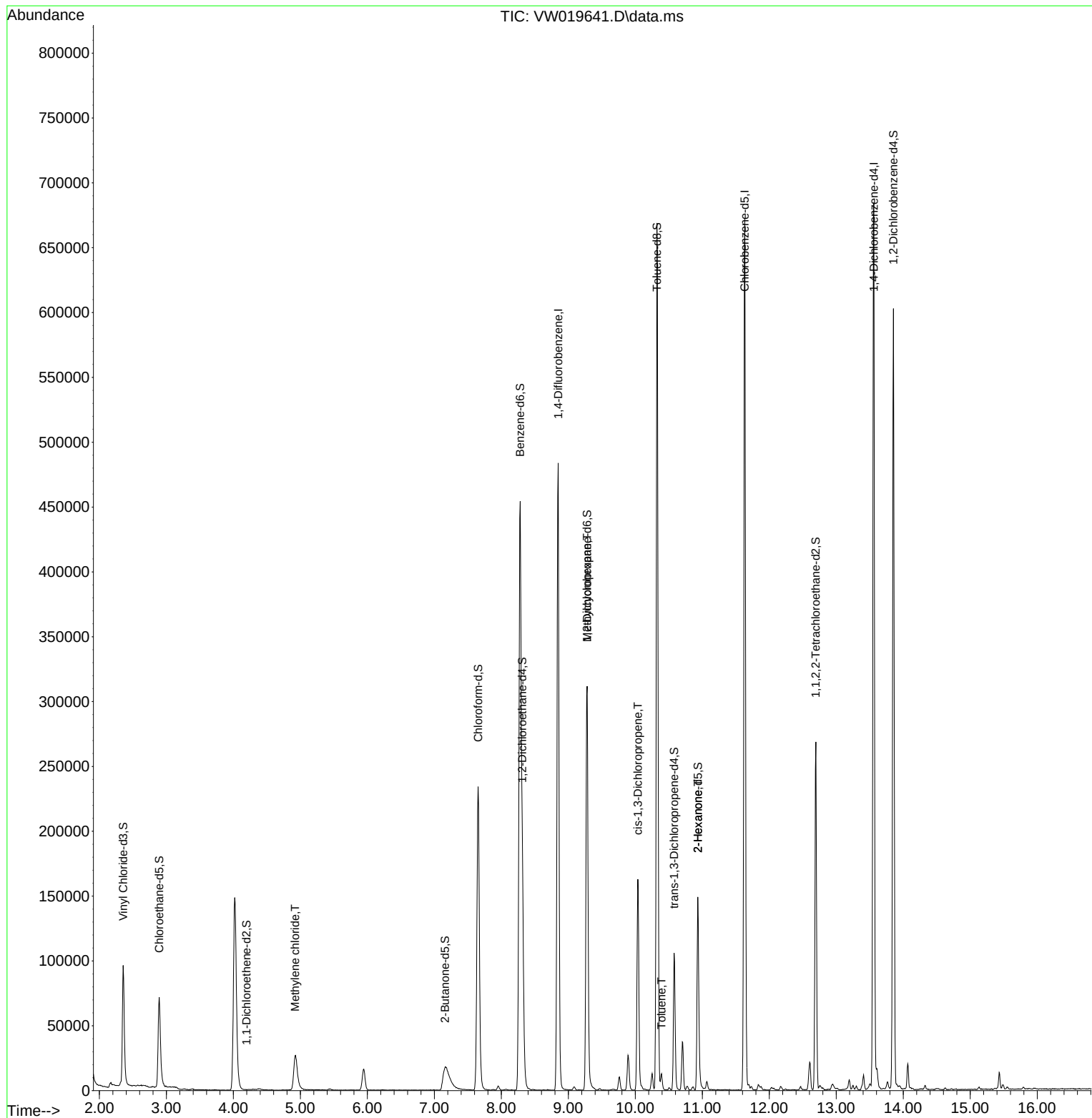
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	415204	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	383424	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	183389	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	113931	19.366	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.480%
7) Chloroethane-d5	2.892	69	97554	23.254	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	4.196	63	76	0.007	ug/L	0.16
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.040%#
21) 2-Butanone-d5	7.159	46	67316	39.424	ug/L	0.08
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.840%
24) Chloroform-d	7.653	84	258293	22.514	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.040%
26) 1,2-Dichloroethane-d4	8.311	65	139421	22.145	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.600%
32) Benzene-d6	8.281	84	503011	22.039	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.160%
36) 1,2-Dichloropropane-d6	9.281	67	160367	22.543	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.160%
41) Toluene-d8	10.323	98	445211	21.635	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.560%
43) trans-1,3-Dichloroprop...	10.579	79	63415	20.816	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.280%
47) 2-Hexanone-d5	10.933	63	56551	42.849	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.700%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	136556	23.756	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.040%
66) 1,2-Dichlorobenzene-d4	13.853	152	156621	24.206	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.840%
Target Compounds						Qvalue
16) Methylene chloride	4.922	84	13308	1.608	ug/L	98
35) Methylcyclohexane	9.281	83	39246	3.621	ug/L #	20
39) cis-1,3-Dichloropropene	10.037	75	4333	0.466	ug/L #	71
42) Toluene	10.390	91	8923	0.357	ug/L	98
48) 2-Hexanone	10.933	43	7244	2.771	ug/L #	65

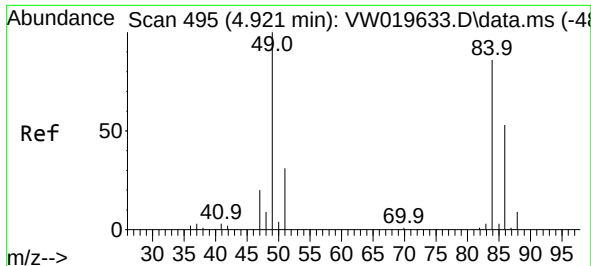
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Jul 29 01:12:37 2021
Response via : Initial Calibration

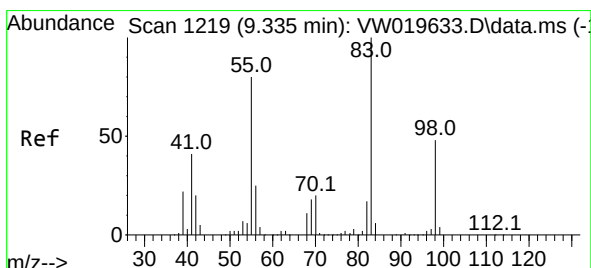
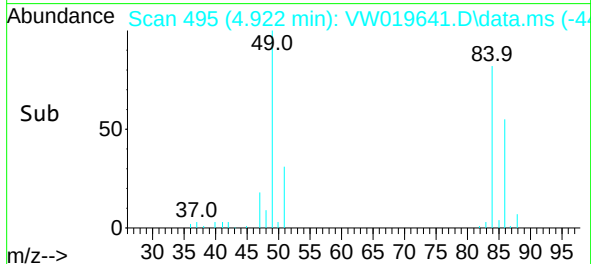
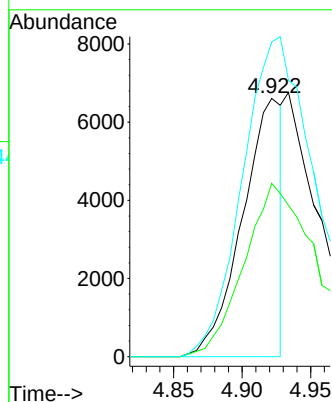
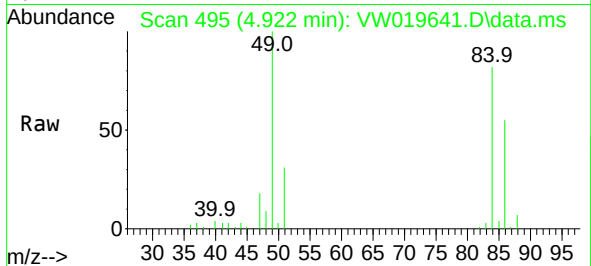




#16
Methylene chloride
Concen: 1.608 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW019641.D
Acq: 28 Jul 2021 14:57

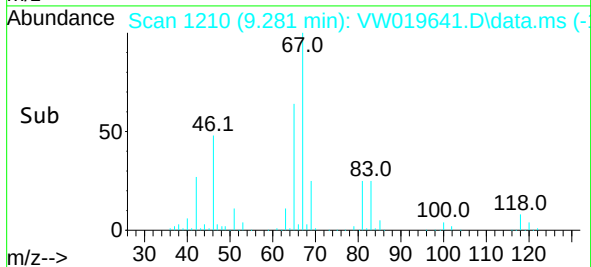
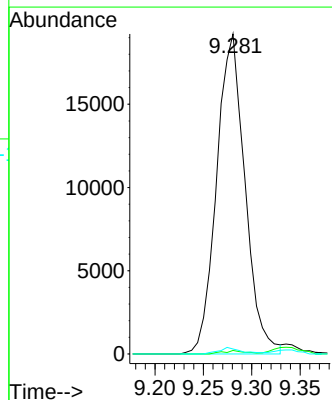
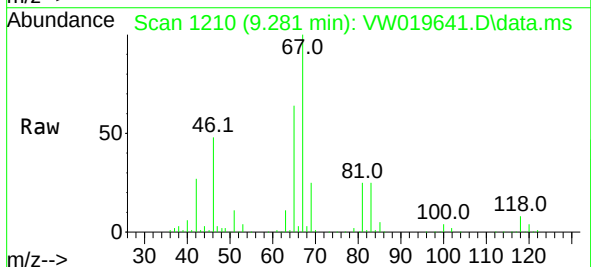
Instrument :
MSVOA_W
ClientSampled :

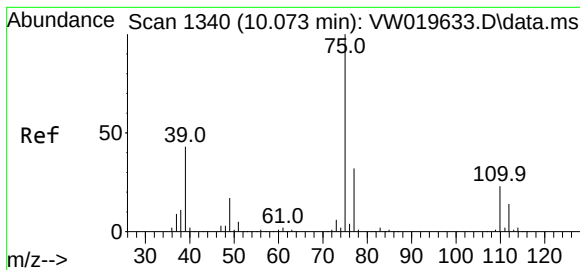
Tgt Ion: 84 Resp: 13308
Ion Ratio Lower Upper
84 100
86 67.1 45.3 84.1
49 121.8 86.6 160.8



#35
Methylcyclohexane
Concen: 3.621 ug/L
RT: 9.281 min Scan# 1210
Delta R.T. -0.055 min
Lab File: VW019641.D
Acq: 28 Jul 2021 14:57

Tgt Ion: 83 Resp: 39246
Ion Ratio Lower Upper
83 100
55 0.6 58.9 88.3#
98 1.3 40.1 60.1#

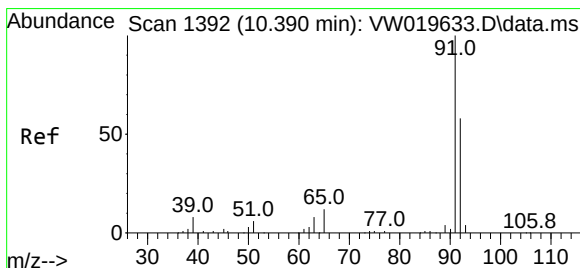
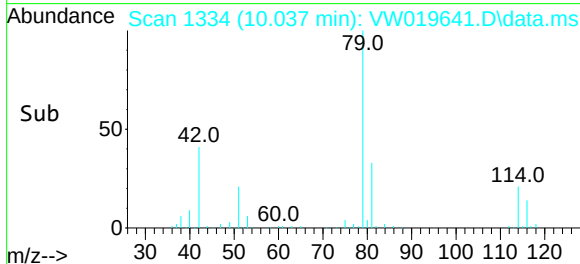
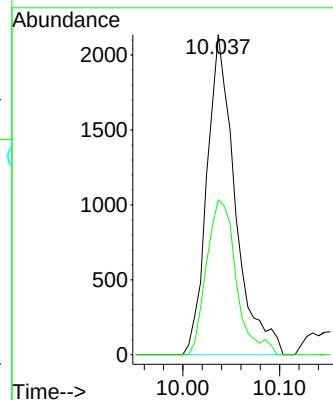
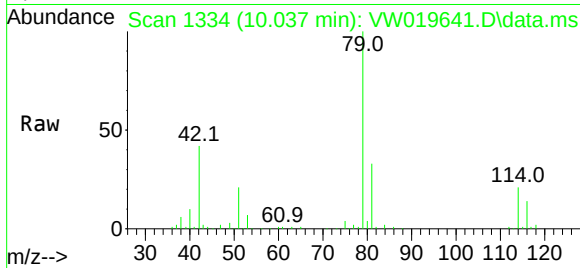




#39
 cis-1,3-Dichloropropene
 Concen: 0.466 ug/L
 RT: 10.037 min Scan# 1334
 Delta R.T. -0.036 min
 Lab File: VW019641.D
 Acq: 28 Jul 2021 14:57

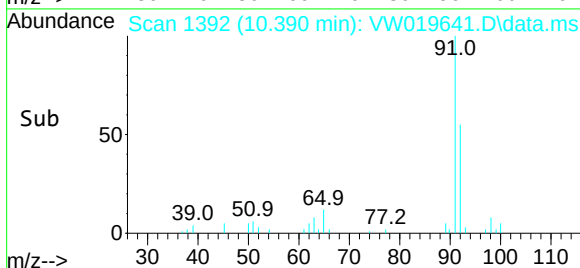
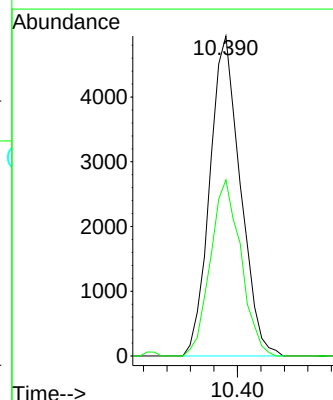
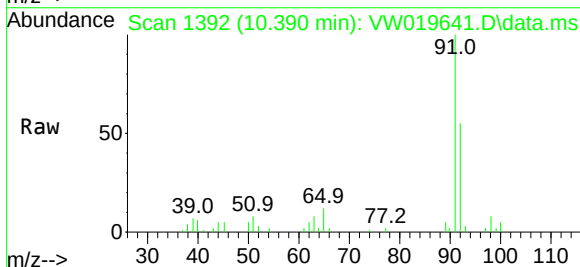
Instrument :
 MSVOA_W
 ClientSampled :

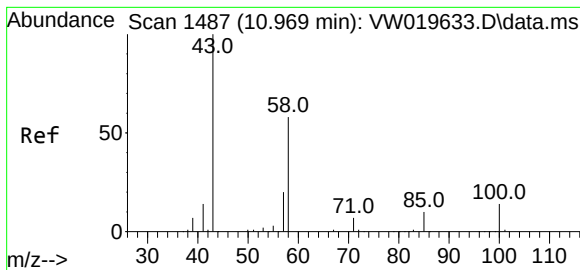
Tgt Ion: 75 Resp: 4333
 Ion Ratio Lower Upper
 75 100
 77 48.4 22.6 42.0#



#42
 Toluene
 Concen: 0.357 ug/L
 RT: 10.390 min Scan# 1392
 Delta R.T. 0.000 min
 Lab File: VW019641.D
 Acq: 28 Jul 2021 14:57

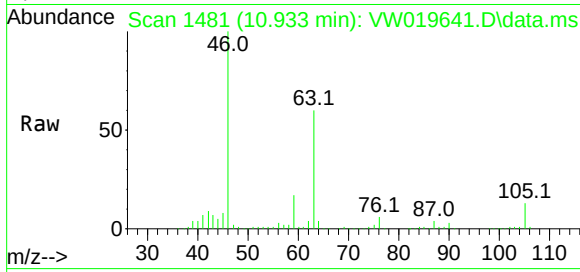
Tgt Ion: 91 Resp: 8923
 Ion Ratio Lower Upper
 91 100
 92 55.1 39.5 73.3





#48
 2-Hexanone
 Concen: 2.771 ug/L
 RT: 10.933 min Scan# 1481
 Delta R.T. -0.036 min
 Lab File: VW019641.D
 Acq: 28 Jul 2021 14:57

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 43	Resp: 7244
Ion Ratio	Lower Upper
43	100
58	25.8 42.7 64.1#
57	33.7 15.8 23.8#
100	3.4 10.0 15.0#

