

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072121\
 Data File : VW019526.D
 Acq On : 21 Jul 2021 11:34
 Operator : SY/VA
 Sample : M3034-03
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 22 01:00:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 22 00:59:45 2021
 Response via : Initial Calibration

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

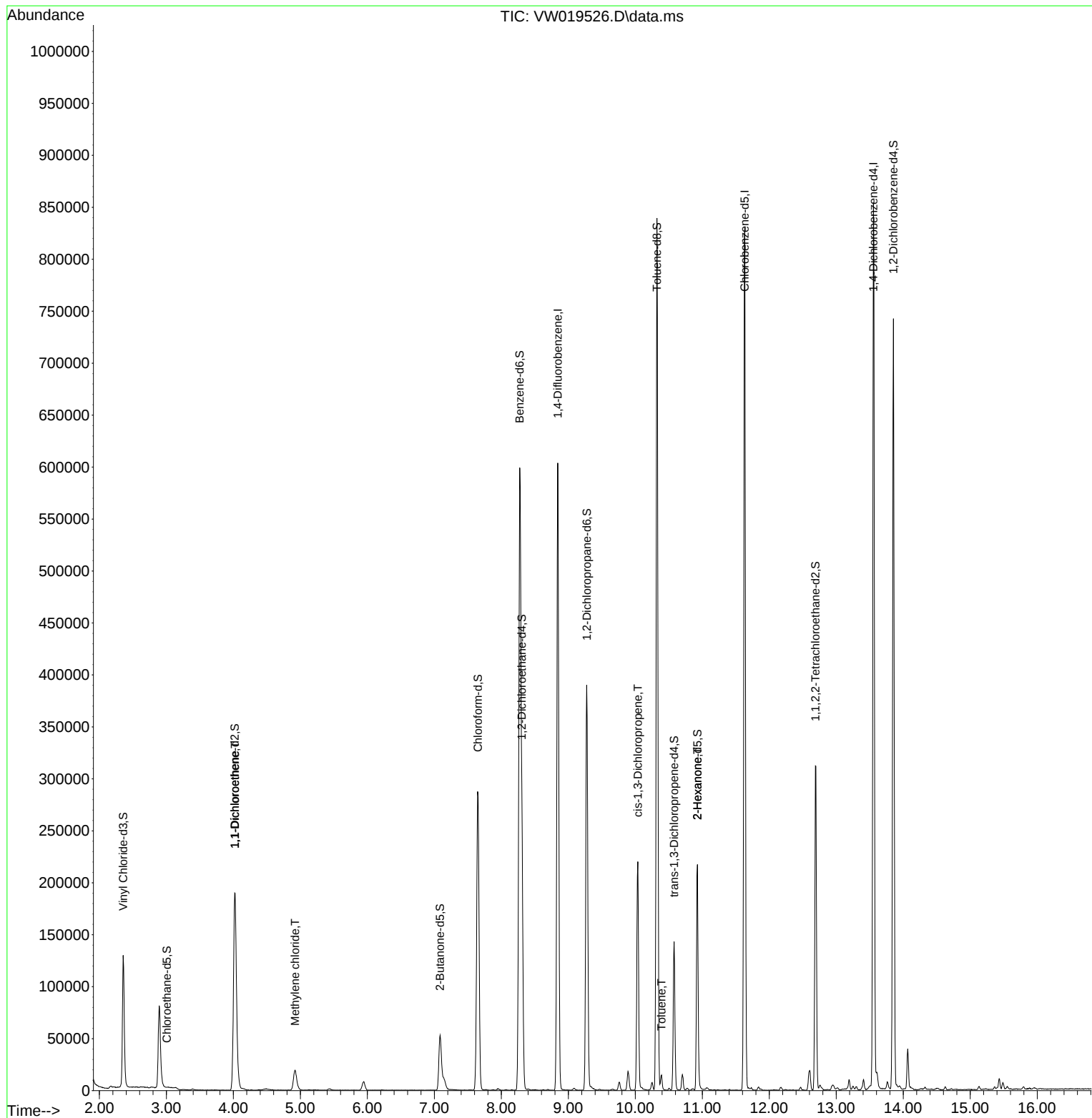
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	494369	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	467065	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	225250	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	146866	20.967	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.880%
7) Chloroethane-d5	3.007	69	395	0.079	ug/L	0.11
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.320%#
11) 1,1-Dichloroethene-d2	4.019	63	218682	16.180	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.720%
21) 2-Butanone-d5	7.086	46	94508	46.486	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.980%
24) Chloroform-d	7.653	84	303397	22.211	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.840%
26) 1,2-Dichloroethane-d4	8.305	65	177538	23.684	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.720%
32) Benzene-d6	8.275	84	617346	22.205	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	9.275	67	192171	22.176	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.720%
41) Toluene-d8	10.323	98	550296	21.953	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	10.579	79	82574	22.251	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.000%
47) 2-Hexanone-d5	10.927	63	77673	48.314	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.620%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	162653	23.229	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.920%
66) 1,2-Dichlorobenzene-d4	13.853	152	192854	24.266	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.080%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.026	96	1938	0.300	ug/L #	1
16) Methylene chloride	4.922	84	17017	1.727	ug/L	94
39) cis-1,3-Dichloropropene	10.037	75	5661	0.500	ug/L #	67
42) Toluene	10.390	91	10019	0.329	ug/L	98
48) 2-Hexanone	10.927	43	8731	2.741	ug/L #	67

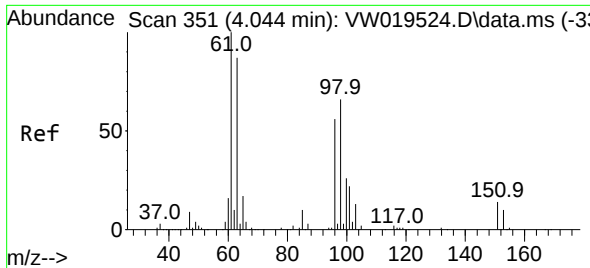
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Jul 22 00:59:45 2021
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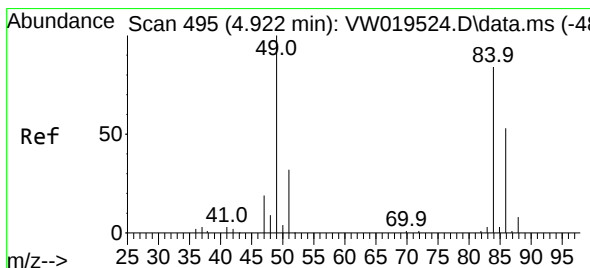
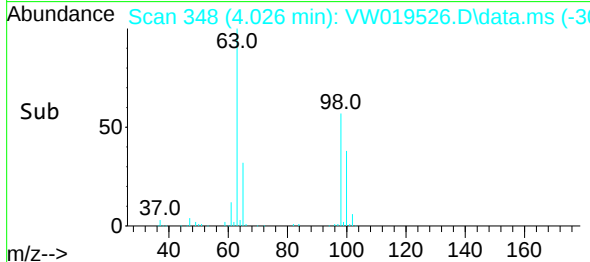
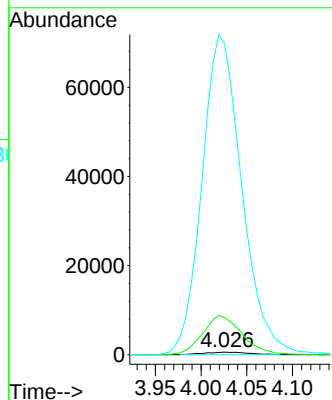
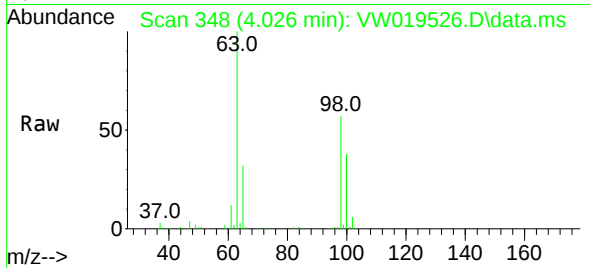




#12
1,1-Dichloroethene
Concen: 0.300 ug/L
RT: 4.026 min Scan# 348
Delta R.T. -0.018 min
Lab File: VW019526.D
Acq: 21 Jul 2021 11:34

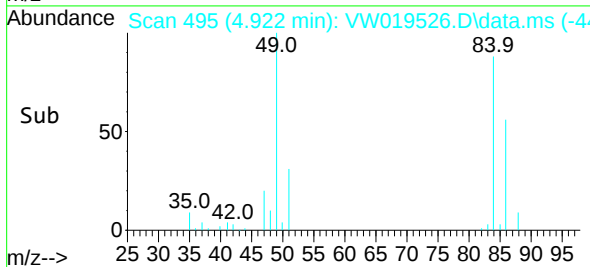
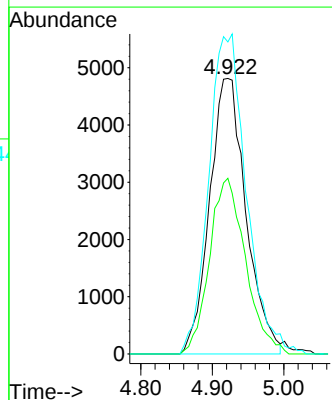
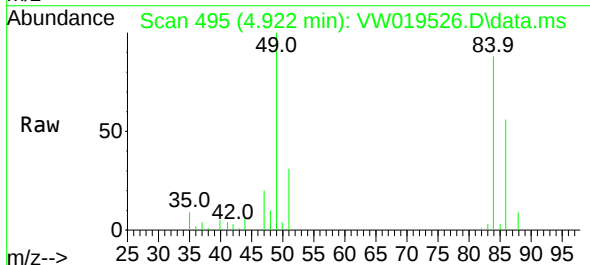
Instrument :
MSVOA_W
ClientSampled :

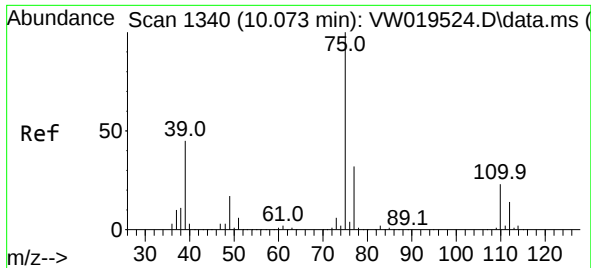
Tgt Ion: 96 Resp: 1938
Ion Ratio Lower Upper
96 100
61 1404.4 118.1 219.3#
63 11789.2 83.7 155.5#



#16
Methylene chloride
Concen: 1.727 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW019526.D
Acq: 21 Jul 2021 11:34

Tgt Ion: 84 Resp: 17017
Ion Ratio Lower Upper
84 100
86 63.8 45.3 84.1
49 113.2 86.6 160.8

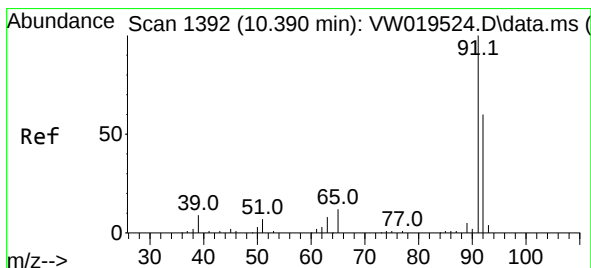
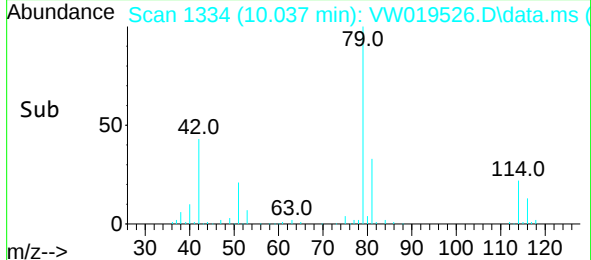
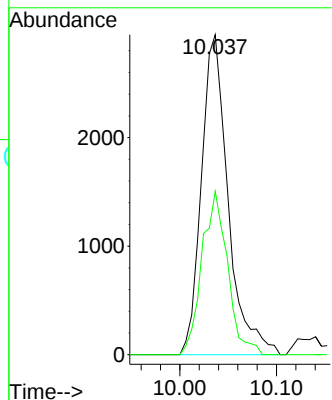
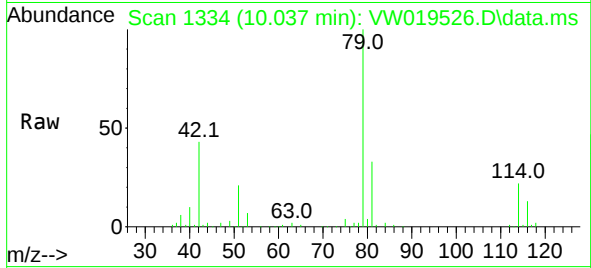




#39
 cis-1,3-Dichloropropene
 Concen: 0.500 ug/L
 RT: 10.037 min Scan# 1334
 Delta R.T. -0.036 min
 Lab File: VW019526.D
 Acq: 21 Jul 2021 11:34

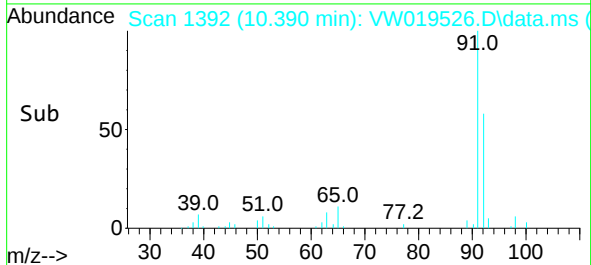
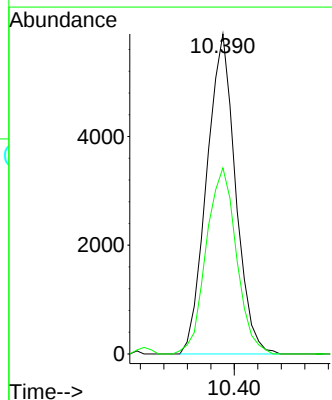
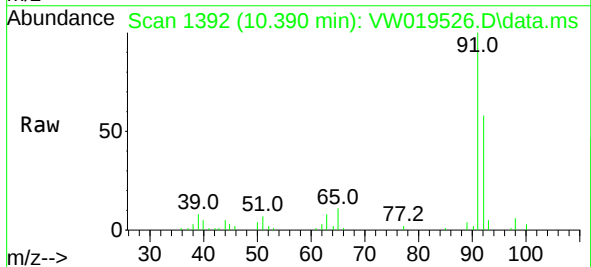
Instrument :
 MSVOA_W
 ClientSampled :

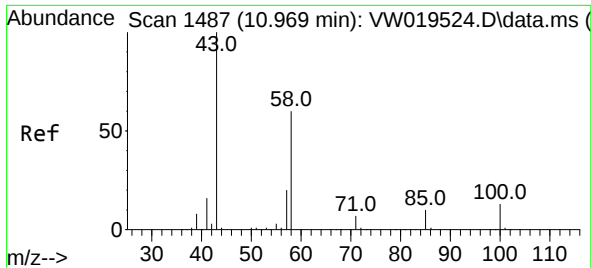
Tgt Ion: 75 Resp: 5661
 Ion Ratio Lower Upper
 75 100
 77 51.1 22.6 42.0#



#42
 Toluene
 Concen: 0.329 ug/L
 RT: 10.390 min Scan# 1392
 Delta R.T. 0.000 min
 Lab File: VW019526.D
 Acq: 21 Jul 2021 11:34

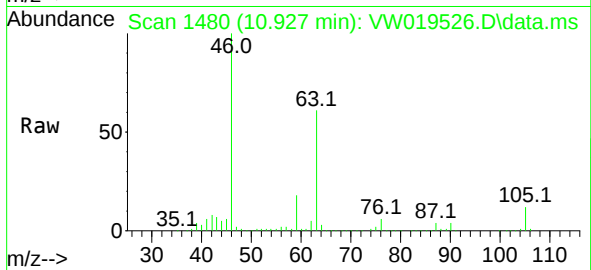
Tgt Ion: 91 Resp: 10019
 Ion Ratio Lower Upper
 91 100
 92 58.2 39.5 73.3





#48
 2-Hexanone
 Concen: 2.741 ug/L
 RT: 10.927 min Scan# 1480
 Delta R.T. -0.043 min
 Lab File: VW019526.D
 Acq: 21 Jul 2021 11:34

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 43	Resp: 8731
Ion Ratio	Lower Upper
43	100
58	25.7 42.7 64.1#
57	27.3 15.8 23.8#
100	0.0 10.0 15.0#

