

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050421\
 Data File : VW018916.D
 Acq On : 04 May 2021 14:17
 Operator : SY/VA
 Sample : M2209-07RE
 Misc : 5.26G/10ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 05 00:06:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 05 00:05:43 2021
 Response via : Initial Calibration

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

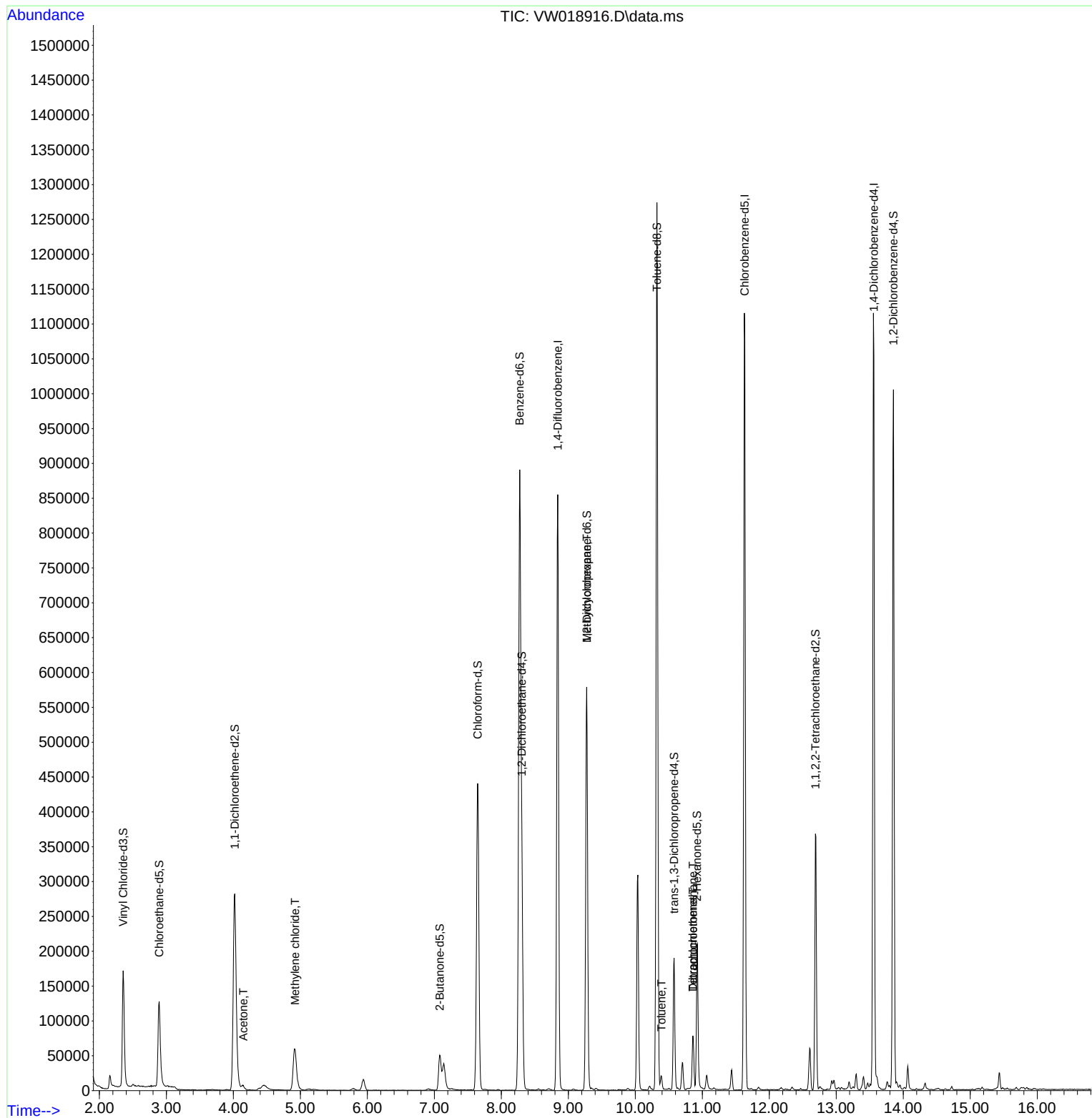
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	687392	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	597709	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	266869	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	206243	23.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.56%
7) Chloroethane-d5	2.892	69	163872	23.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.92%
11) 1,1-Dichloroethene-d2	4.019	63	321914	18.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.52%
21) 2-Butanone-d5	7.080	46	86913	37.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.68%
24) Chloroform-d	7.647	84	449231	24.90	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	8.305	65	237905	23.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.44%
32) Benzene-d6	8.275	84	901412	26.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.76%
36) 1,2-Dichloropropane-d6	9.275	67	260174	25.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.88%
41) Toluene-d8	10.323	98	818811	26.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.00%
43) trans-1,3-Dichloroprop...	10.579	79	103588	22.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.00%
47) 2-Hexanone-d5	10.921	63	74574	41.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.14%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	182480	21.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.96%
66) 1,2-Dichlorobenzene-d4	13.853	152	239477	26.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.76%
Target Compounds						
					Qvalue	
13) Acetone	4.147	43	10709	6.09	ug/L	85
16) Methylene chloride	4.922	84	53832	4.74	ug/L	95
35) Methylcyclohexane	9.275	83	66245	3.95	ug/L #	20
42) Toluene	10.390	91	13671	0.35	ug/L	96
46) Tetrachloroethene	10.860	164	16072	2.24	ug/L	97
49) Dibromochloromethane	10.860	129	15792	2.13	ug/L #	13

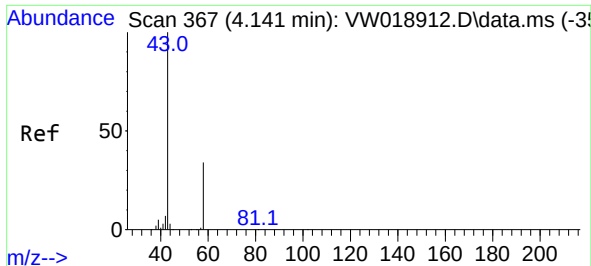
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed May 05 00:05:43 2021
Response via : Initial Calibration

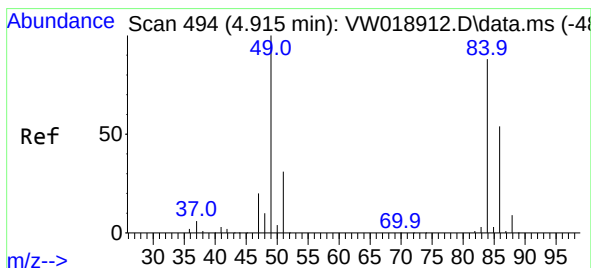
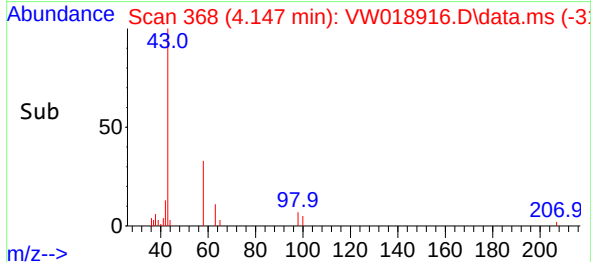
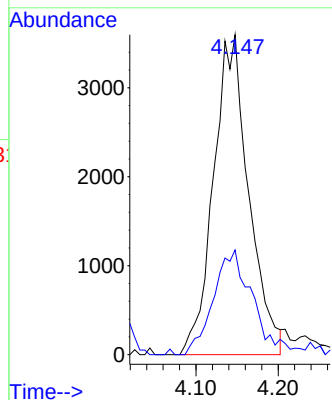
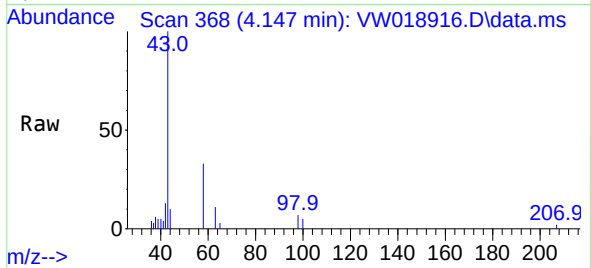




#13
Acetone
Concen: 6.09 ug/L
RT: 4.147 min Scan# 368
Delta R.T. 0.006 min
Lab File: VW018916.D
Acq: 04 May 2021 14:17

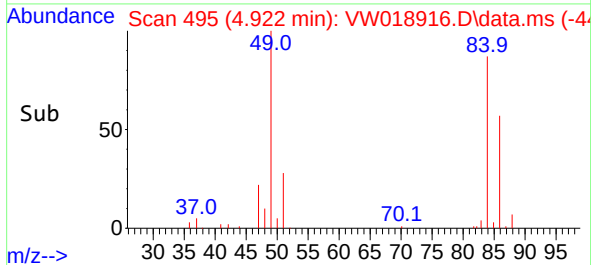
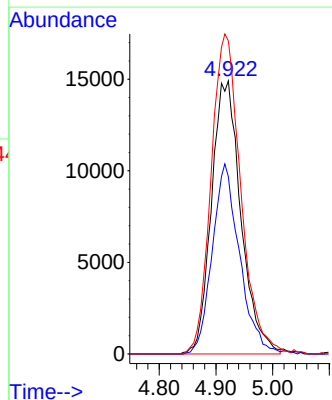
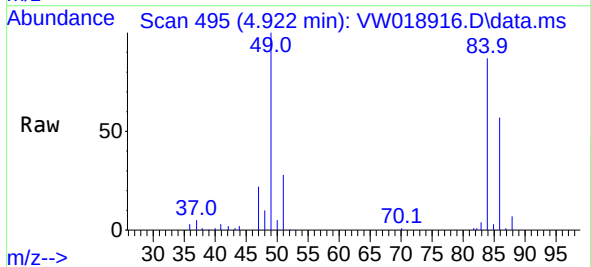
Instrument :
MSVOA_W
ClientSampled :

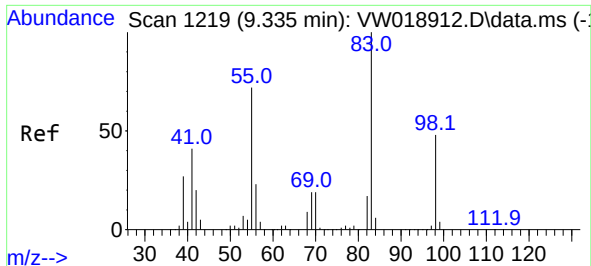
Tgt Ion: 43 Resp: 10709
Ion Ratio Lower Upper
43 100
58 34.7 0.0 53.8



#16
Methylene chloride
Concen: 4.74 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018916.D
Acq: 04 May 2021 14:17

Tgt Ion: 84 Resp: 53832
Ion Ratio Lower Upper
84 100
86 64.9 45.3 84.1
49 114.6 86.6 160.8

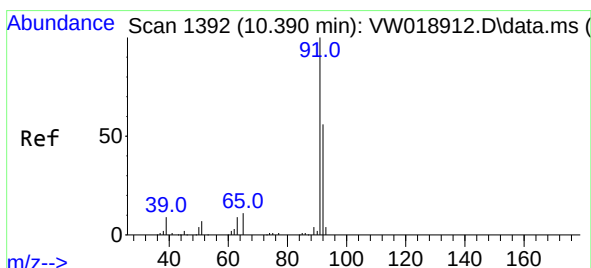
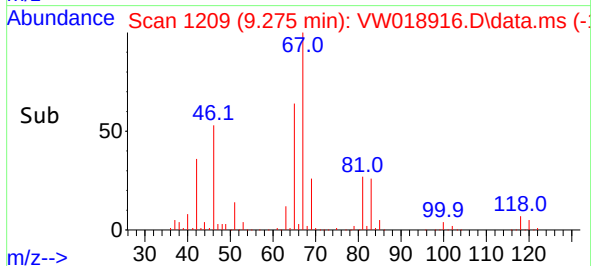
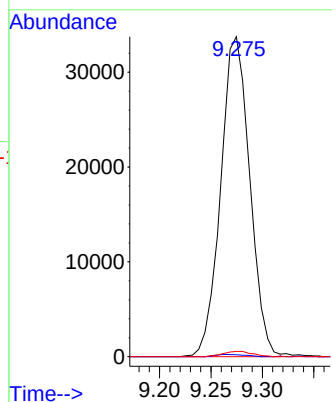
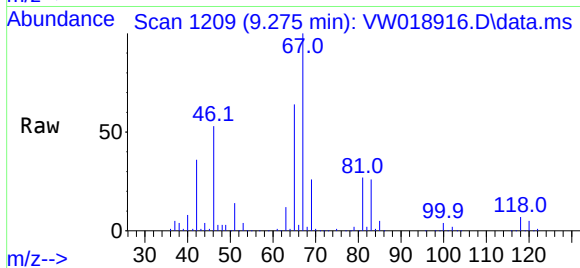




#35
Methylcyclohexane
Concen: 3.95 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018916.D
Acq: 04 May 2021 14:17

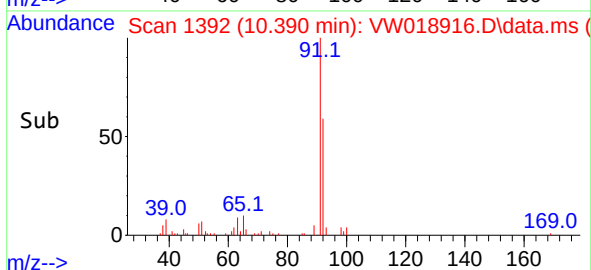
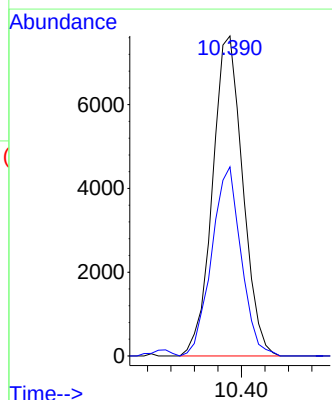
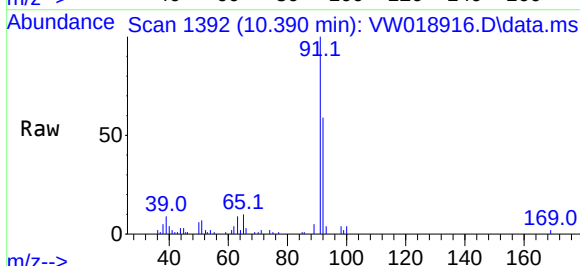
Instrument :
MSVOA_W
ClientSampled :

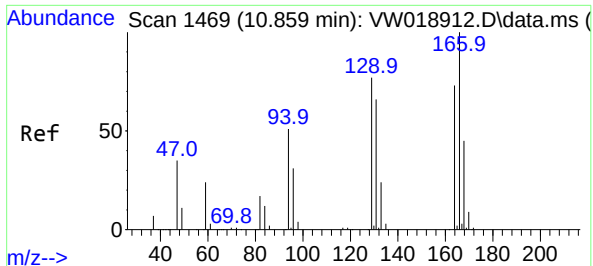
Tgt Ion: 83 Resp: 66245
Ion Ratio Lower Upper
83 100
55 0.7 58.9 88.3#
98 1.7 40.1 60.1#



#42
Toluene
Concen: 0.35 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW018916.D
Acq: 04 May 2021 14:17

Tgt Ion: 91 Resp: 13671
Ion Ratio Lower Upper
91 100
92 59.1 39.5 73.3



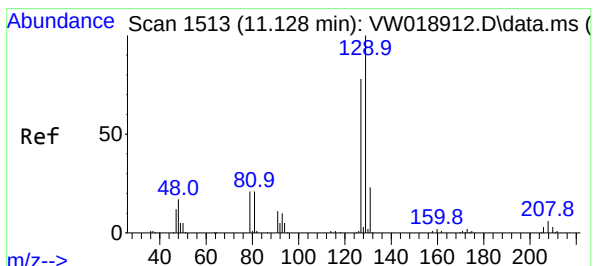
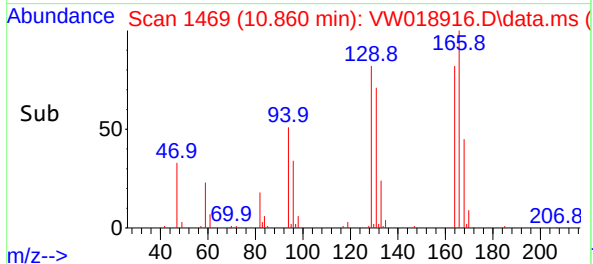
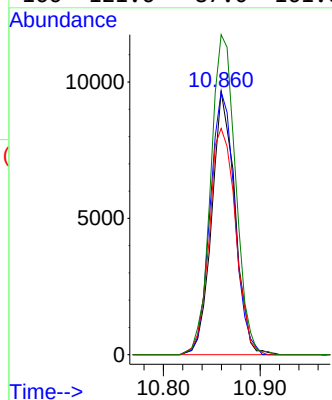
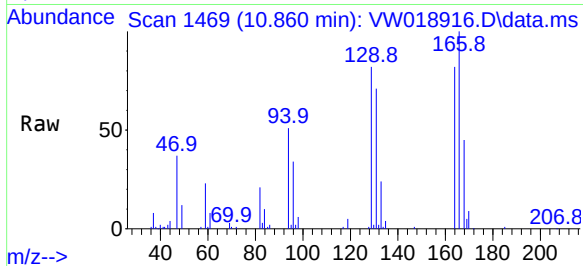


#46
Tetrachloroethene
Concen: 2.24 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW018916.D
Acq: 04 May 2021 14:17

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:164 Resp: 16072

Ion	Ratio	Lower	Upper
164	100		
129	99.9	66.7	123.9
131	85.9	61.1	113.5
166	121.6	87.0	161.6



#49
Dibromochloromethane
Concen: 2.13 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.268 min
Lab File: VW018916.D
Acq: 04 May 2021 14:17

Tgt Ion:129 Resp: 15792

Ion	Ratio	Lower	Upper
129	100		
127	0.7	51.7	95.9#

