

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040921\
 Data File : VW018615.D
 Acq On : 09 Apr 2021 13:07
 Operator : SY/VA
 Sample : M1968-16RE
 Misc : 5.70G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 10 01:14:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 10 01:10:18 2021
 Response via : Initial Calibration

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

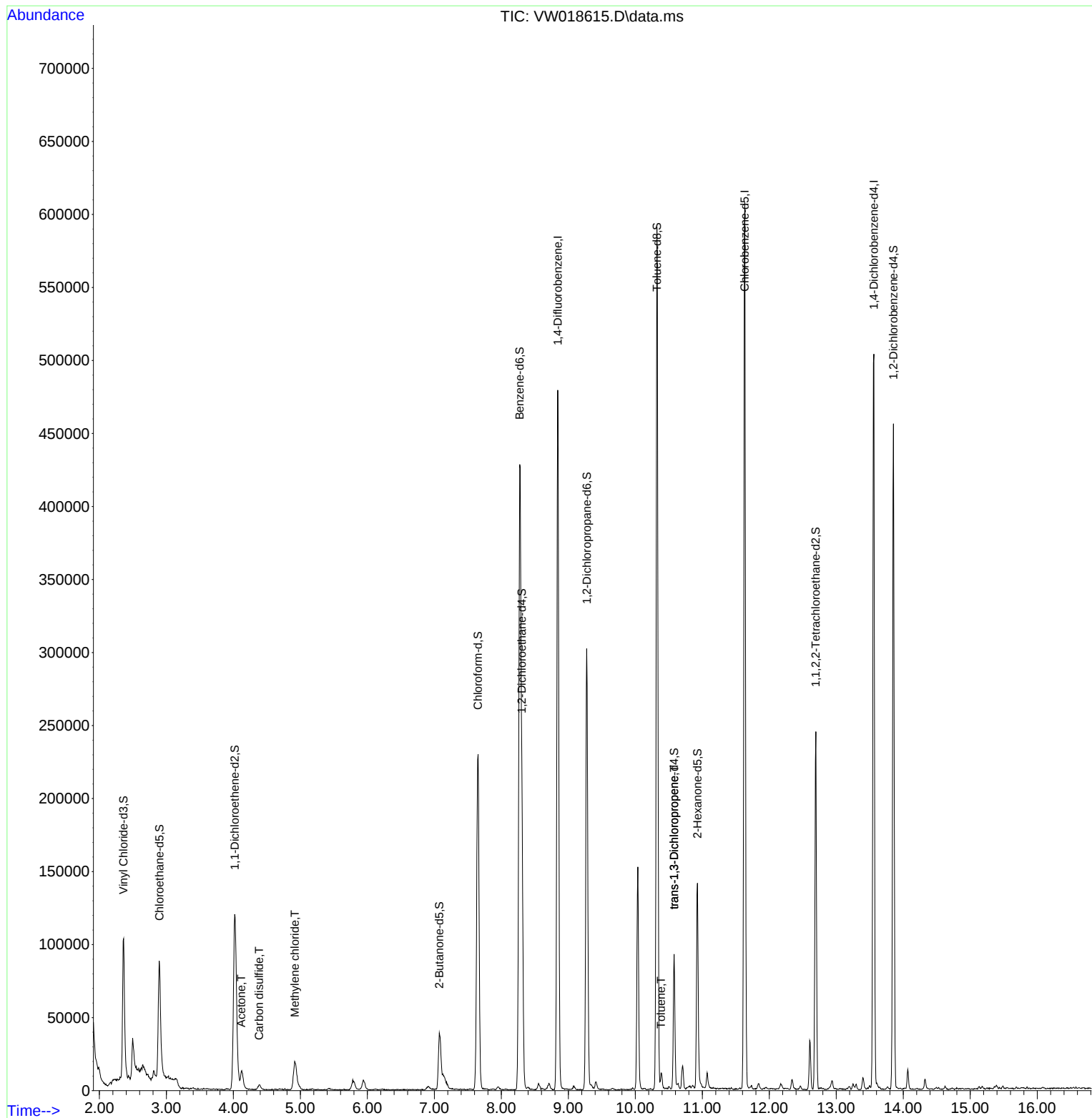
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	390078	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	335632	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	129970	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	121550	22.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.56%
7) Chloroethane-d5	2.898	69	110042	23.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.64%
10) 1,1-Dichloroethene-d2	4.019	63	136784	14.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.36%
20) 2-Butanone-d5	7.074	46	65759	54.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.82%
24) Chloroform-d	7.653	84	237217	23.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.52%
26) 1,2-Dichloroethane-d4	8.305	65	138209	23.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.32%
29) Benzene-d6	8.275	84	435978	24.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.72%
33) 1,2-Dichloropropane-d6	9.274	67	135387	26.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.20%
37) Toluene-d8	10.323	98	395625	23.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.12%
38) trans-1,3-Dichloroprop...	10.579	79	48833	18.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.60%
39) 2-Hexanone-d5	10.927	63	48958	48.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.22%
48) 1,1,2,2-Tetrachloroeth...	12.695	84	114661	24.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.60%
61) 1,2-Dichlorobenzene-d4	13.853	152	109992	23.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.20%
Target Compounds						
					Qvalue	
13) Acetone	4.117	43	20883	24.05	ug/L	80
14) Carbon disulfide	4.385	76	6666	0.45	ug/L	96
16) Methylene chloride	4.915	84	8562	1.34	ug/L	85
44) Toluene	10.384	91	7917	0.36	ug/L	90
45) trans-1,3-Dichloropropene	10.579	75	2803	0.39	ug/L	89

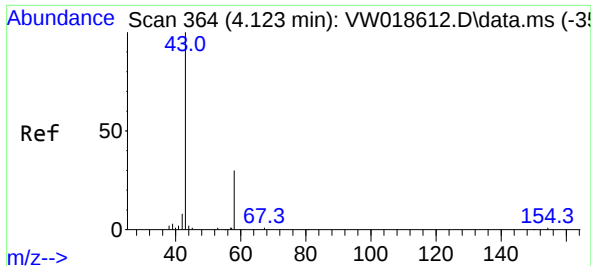
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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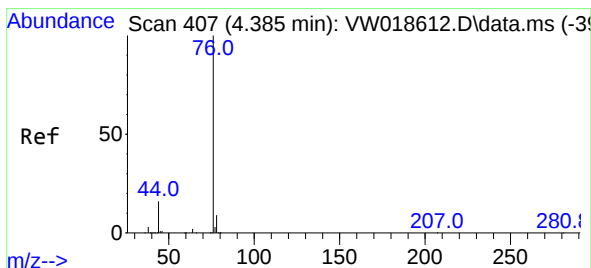
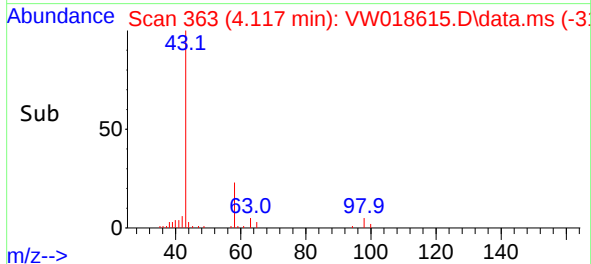
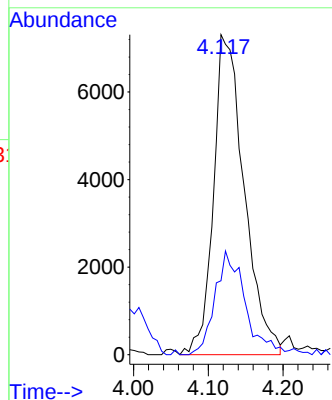
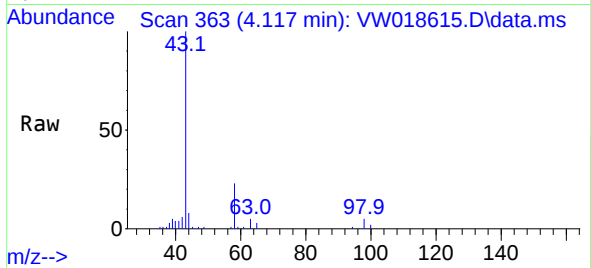




#13
Acetone
Concen: 24.05 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
Lab File: VW018615.D
Acq: 09 Apr 2021 13:07

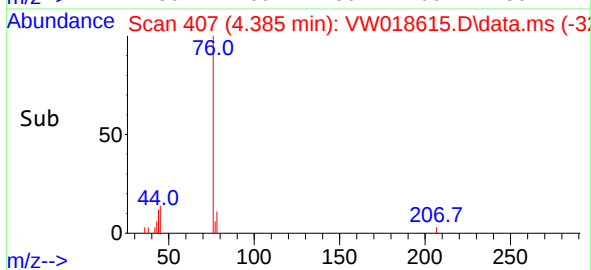
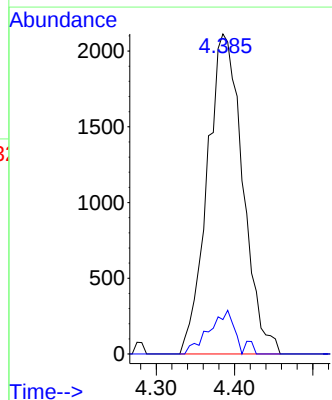
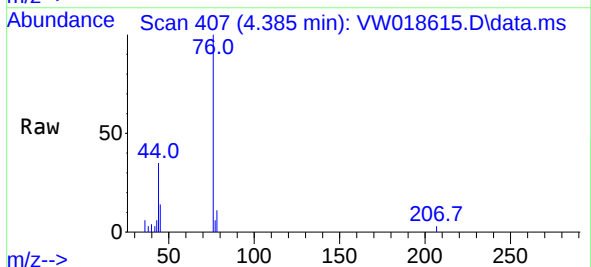
Instrument :
MSVOA_W
ClientSampleId :

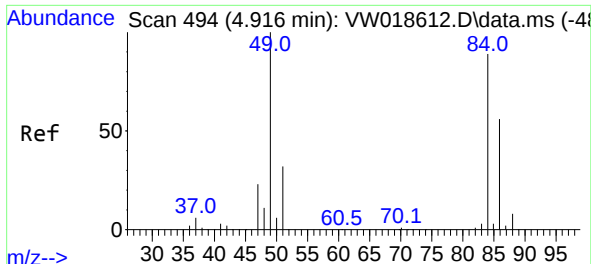
Tgt Ion: 43 Resp: 20883
Ion Ratio Lower Upper
43 100
58 20.3 0.0 62.2



#14
Carbon disulfide
Concen: 0.45 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW018615.D
Acq: 09 Apr 2021 13:07

Tgt Ion: 76 Resp: 6666
Ion Ratio Lower Upper
76 100
78 10.8 7.4 11.2

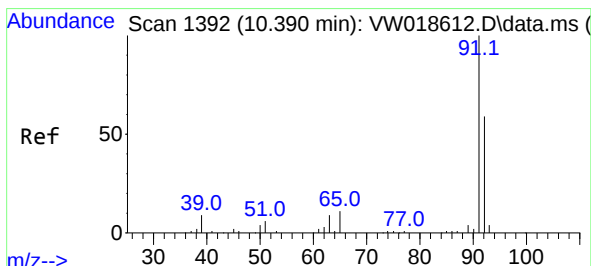
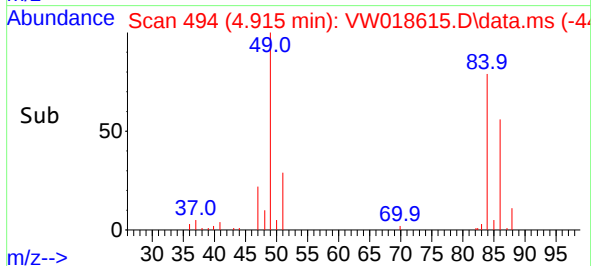
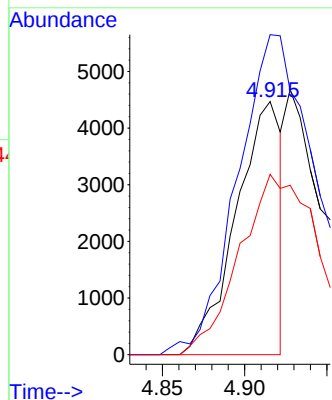
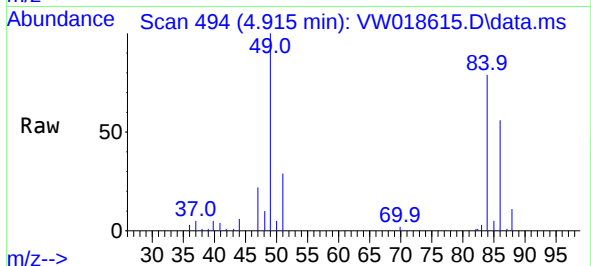




#16
Methylene chloride
Concen: 1.34 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018615.D
Acq: 09 Apr 2021 13:07

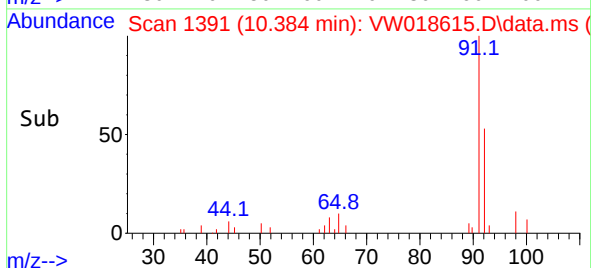
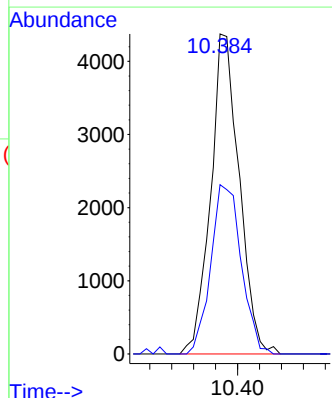
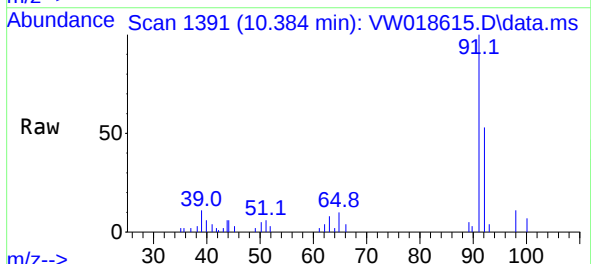
Instrument :
MSVOA_W
ClientSampled :

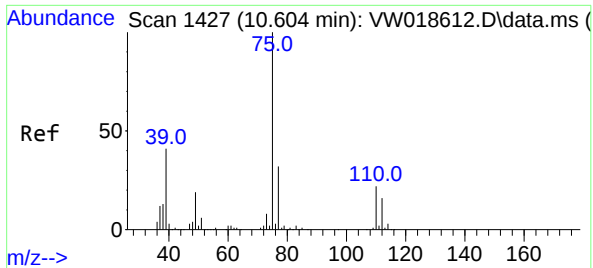
Tgt Ion: 84 Resp: 8562
Ion Ratio Lower Upper
84 100
49 126.4 74.4 138.2
86 71.2 46.1 85.7



#44
Toluene
Concen: 0.36 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW018615.D
Acq: 09 Apr 2021 13:07

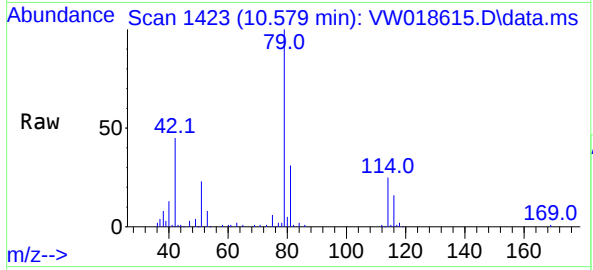
Tgt Ion: 91 Resp: 7917
Ion Ratio Lower Upper
91 100
92 52.9 42.3 78.5





#45
trans-1,3-Dichloropropene
Concen: 0.39 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.025 min
Lab File: VW018615.D
Acq: 09 Apr 2021 13:07

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 75 Resp: 2803
Ion Ratio Lower Upper
75 100
77 38.2 22.6 42.0

