

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040921\
 Data File : VW018614.D
 Acq On : 09 Apr 2021 12:43
 Operator : SY/VA
 Sample : M1968-14RE
 Misc : 5.55G/10ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 10 01:13:59 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)

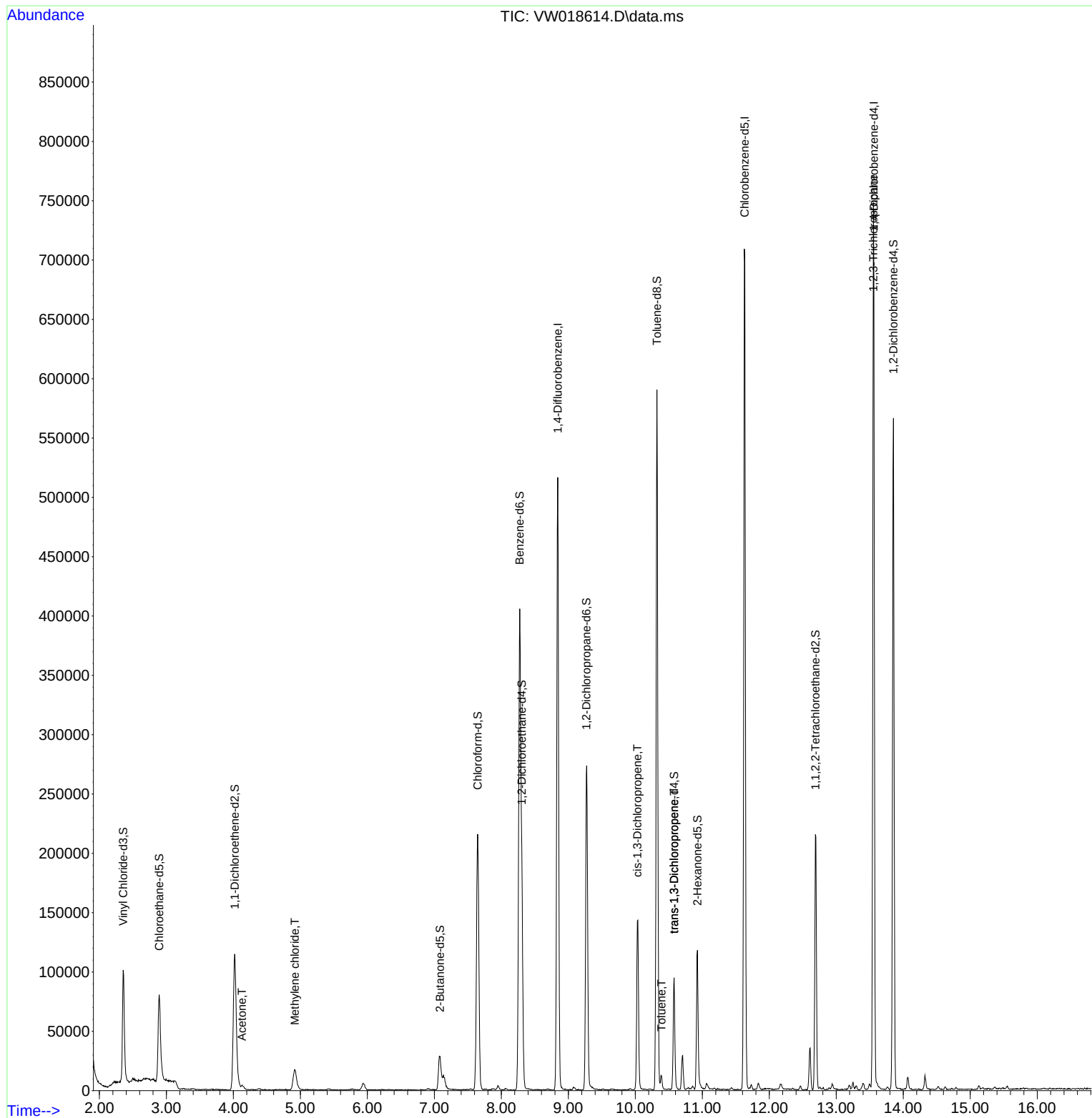
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	422133	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	384332	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	192341	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	110210	18.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.04%
7) Chloroethane-d5	2.891	69	99572	19.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.44%
10) 1,1-Dichloroethene-d2	4.019	63	127773	12.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.40%
20) 2-Butanone-d5	7.086	46	50496	38.61	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.22%
24) Chloroform-d	7.647	84	220929	20.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.20%
26) 1,2-Dichloroethane-d4	8.305	65	127643	20.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.36%
29) Benzene-d6	8.275	84	405315	19.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.36%
33) 1,2-Dichloropropane-d6	9.268	67	123321	20.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.68%
37) Toluene-d8	10.323	98	387751	19.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.84%
38) trans-1,3-Dichloroprop...	10.579	79	49354	16.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.96%
39) 2-Hexanone-d5	10.927	63	39152	33.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.90%
48) 1,1,2,2-Tetrachloroeth...	12.688	84	103880	19.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.80%
61) 1,2-Dichlorobenzene-d4	13.853	152	138190	20.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.84%
Target Compounds						Qvalue
13) Acetone	4.129	43	5961	6.34	ug/L	80
16) Methylene chloride	4.915	84	14794	2.14	ug/L	99
42) cis-1,3-Dichloropropene	10.030	75	5183	0.56	ug/L	93
44) Toluene	10.390	91	7750	0.31	ug/L	87
45) trans-1,3-Dichloropropene	10.579	75	2634	0.32	ug/L #	82
59) 1,2,3-Trichloropropane	13.554	75	23912	6.03	ug/L	92

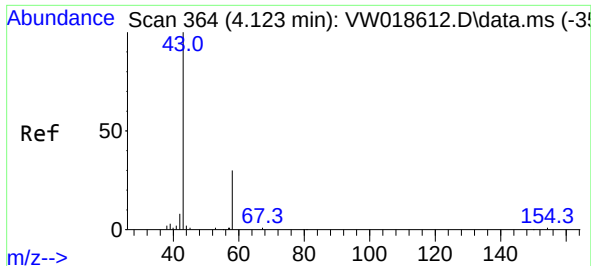
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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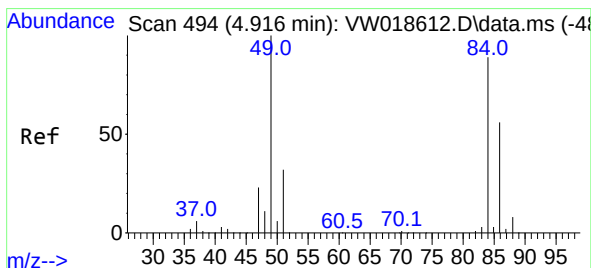
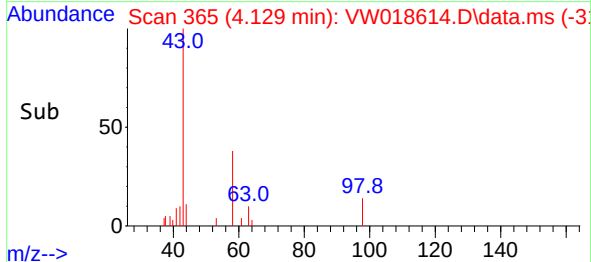
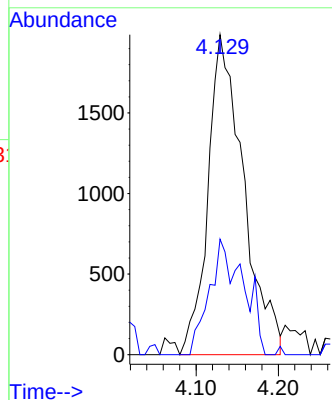
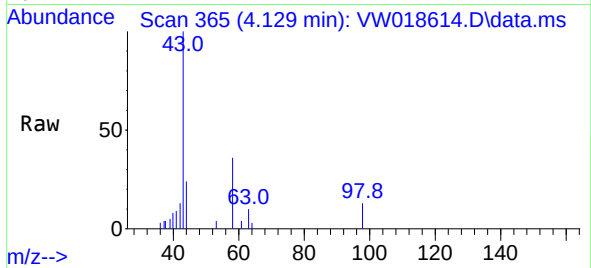




#13
Acetone
Concen: 6.34 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW018614.D
Acq: 09 Apr 2021 12:43

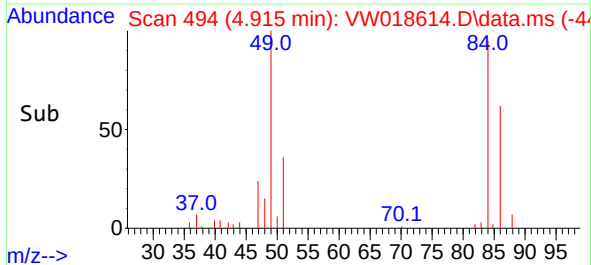
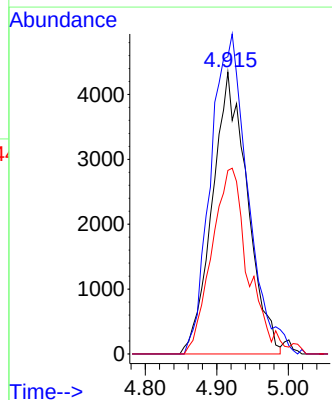
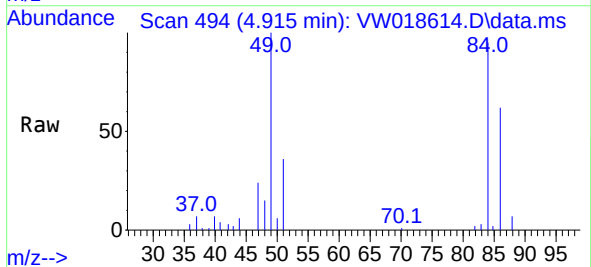
Instrument :
MSVOA_W
ClientSampled :

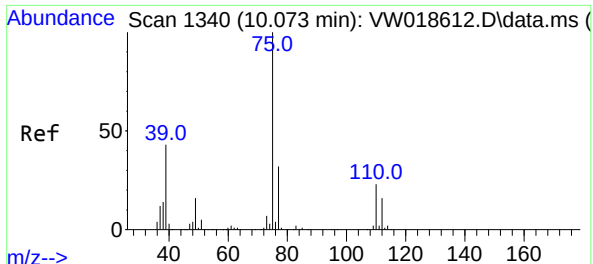
Tgt Ion: 43 Resp: 5961
Ion Ratio Lower Upper
43 100
58 20.2 0.0 62.2



#16
Methylene chloride
Concen: 2.14 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018614.D
Acq: 09 Apr 2021 12:43

Tgt Ion: 84 Resp: 14794
Ion Ratio Lower Upper
84 100
49 105.5 74.4 138.2
86 65.1 46.1 85.7

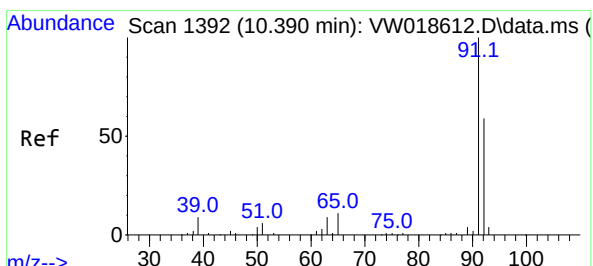
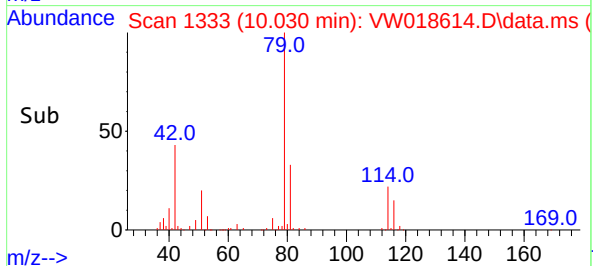
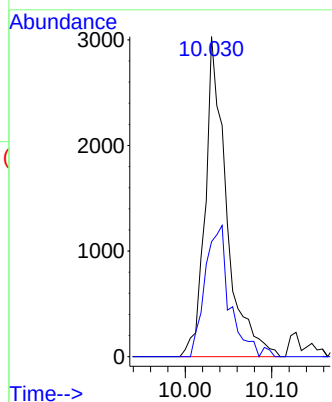
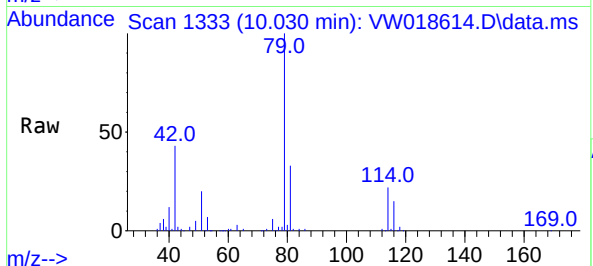




#42
cis-1,3-Dichloropropene
Concen: 0.56 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018614.D
Acq: 09 Apr 2021 12:43

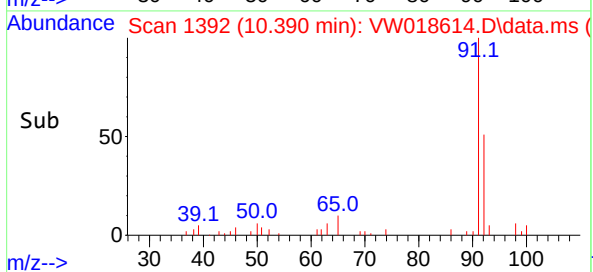
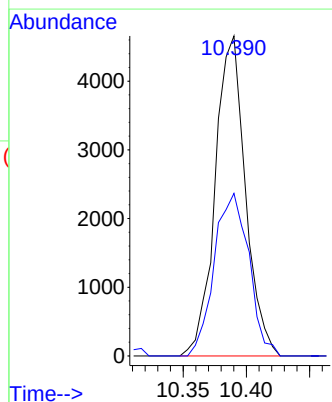
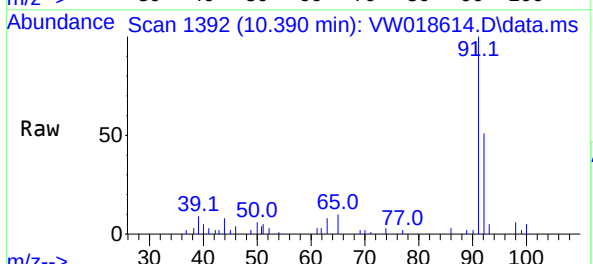
Instrument :
MSVOA_W
ClientSampled :

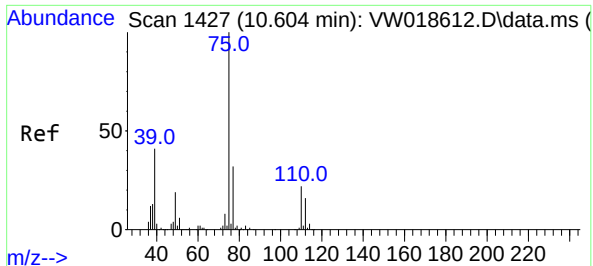
Tgt Ion: 75 Resp: 5183
Ion Ratio Lower Upper
75 100
77 36.0 22.4 41.6



#44
Toluene
Concen: 0.31 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018614.D
Acq: 09 Apr 2021 12:43

Tgt Ion: 91 Resp: 7750
Ion Ratio Lower Upper
91 100
92 50.8 42.3 78.5

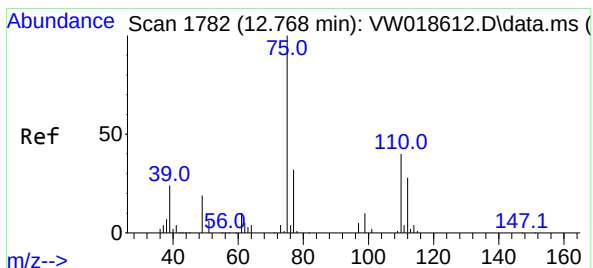
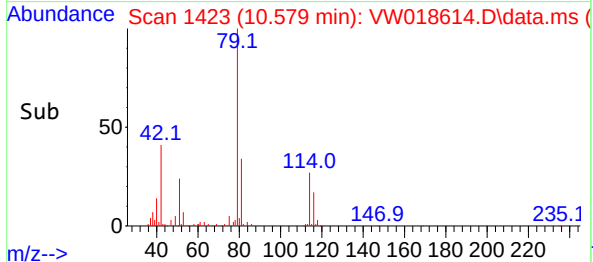
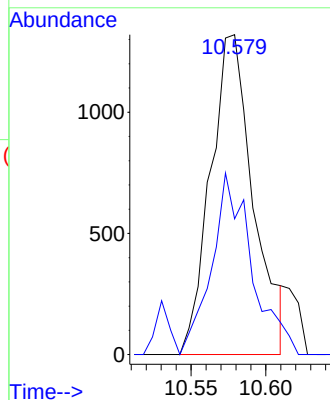
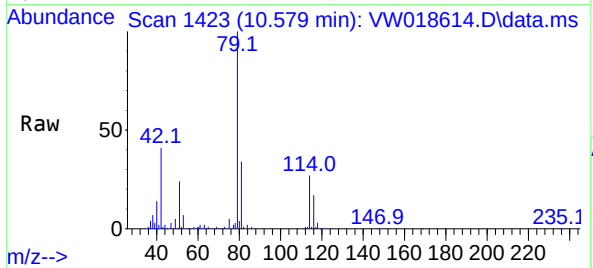




#45
trans-1,3-Dichloropropene
Concen: 0.32 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018614.D
Acq: 09 Apr 2021 12:43

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 2634
Ion Ratio Lower Upper
75 100
77 42.4 22.6 42.0#



#59
1,2,3-Trichloropropane
Concen: 6.03 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018614.D
Acq: 09 Apr 2021 12:43

Tgt Ion: 75 Resp: 23912
Ion Ratio Lower Upper
75 100
77 36.7 25.6 38.4

