

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041321\
 Data File : VW018642.D
 Acq On : 13 Apr 2021 15:24
 Operator : SY/VA
 Sample : M1968-12
 Misc : 5.08G/10ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Quant Time: Apr 14 01:27:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 14 01:25:39 2021
 Response via : Initial Calibration

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

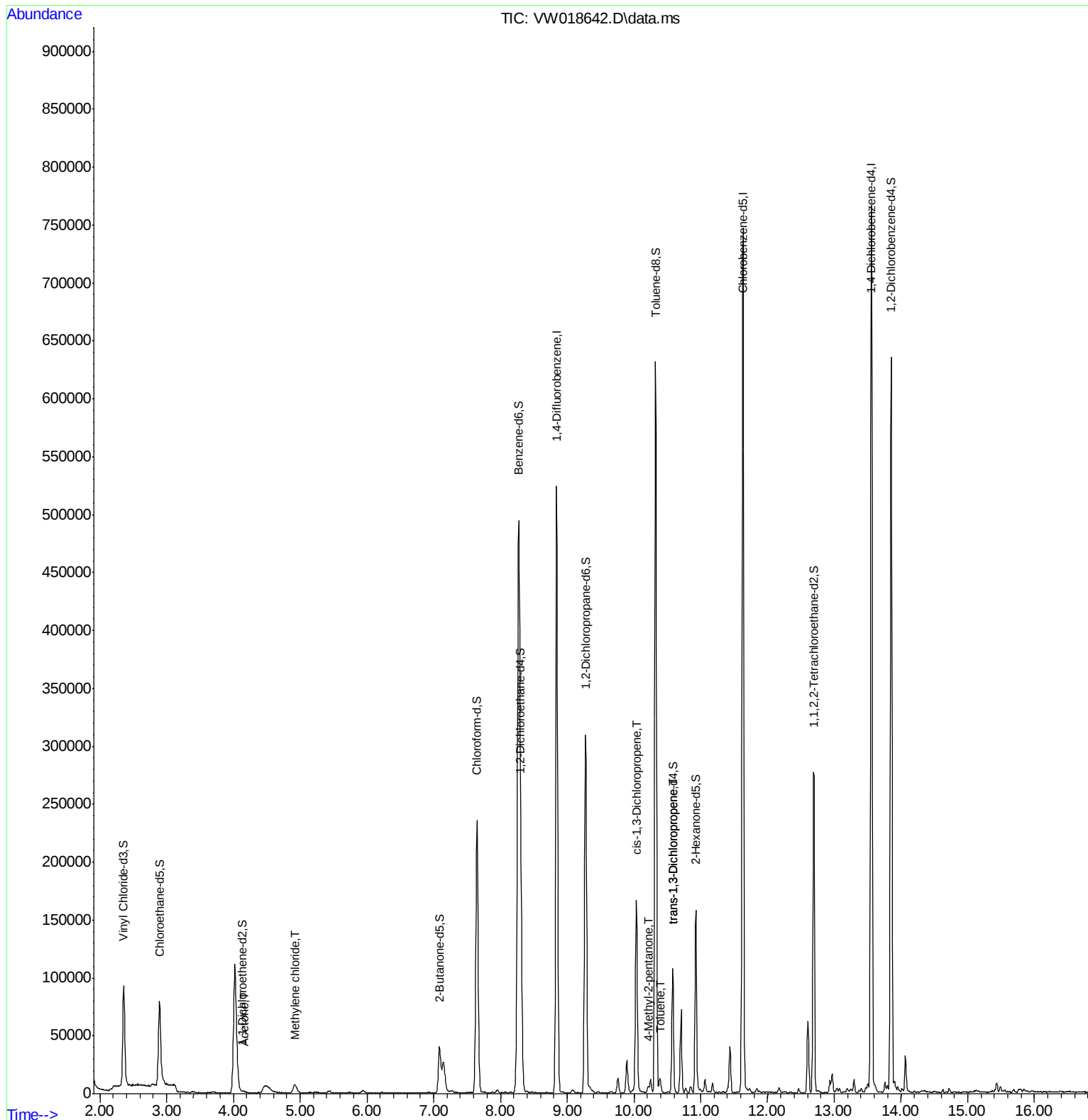
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	421482	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	408914	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	203180	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	105837	18.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.16%
7) Chloroethane-d5	2.892	69	94529	18.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.64%
10) 1,1-Dichloroethene-d2	4.135	63	588	0.06	ug/L	0.12
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.24%#
20) 2-Butanone-d5	7.086	46	66849	51.19	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.38%
24) Chloroform-d	7.647	84	238555	22.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.88%
26) 1,2-Dichloroethane-d4	8.305	65	149917	23.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.68%
29) Benzene-d6	8.275	84	442125	20.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.36%
33) 1,2-Dichloropropane-d6	9.275	67	137007	21.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.40%
37) Toluene-d8	10.323	98	409035	19.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.16%
38) trans-1,3-Dichloroprop...	10.579	79	58488	18.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.36%
39) 2-Hexanone-d5	10.927	63	52261	42.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.18%
48) 1,1,2,2-Tetrachloroeth...	12.689	84	132758	23.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.68%
61) 1,2-Dichlorobenzene-d4	13.853	152	154894	21.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.76%
Target Compounds						
13) Acetone	4.160	43	2440	2.60	ug/L	70
16) Methylene chloride	4.922	84	5889	0.85	ug/L	93
42) cis-1,3-Dichloropropene	10.037	75	5121	0.52	ug/L	95
43) 4-Methyl-2-pentanone	10.213	43	3909	1.12	ug/L #	95
44) Toluene	10.390	91	8795	0.33	ug/L	98
45) trans-1,3-Dichloropropene	10.579	75	3550	0.40	ug/L #	78

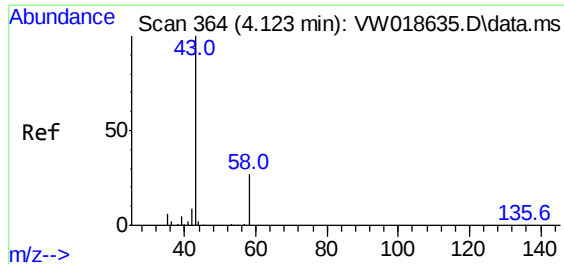
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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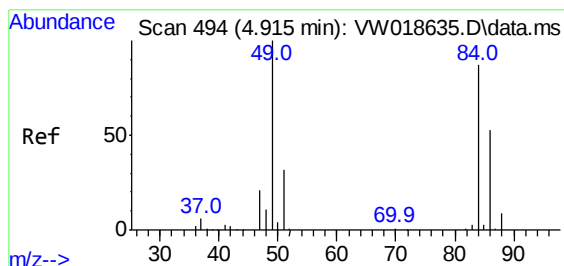
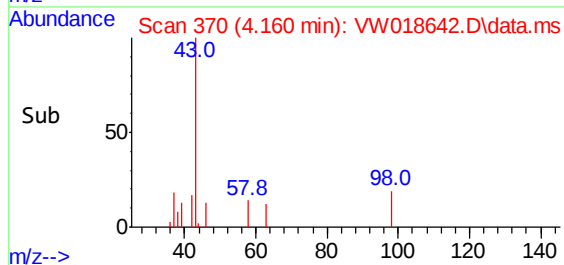
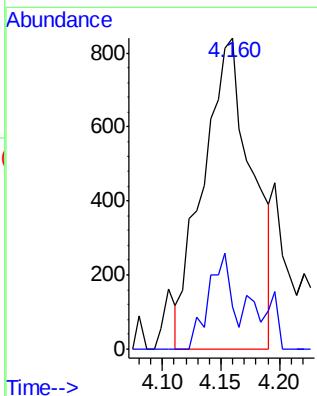
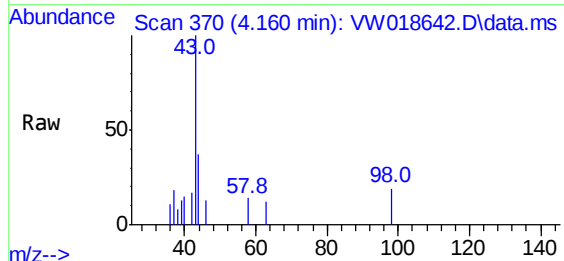




#13
Acetone
Concen: 2.60 ug/L
RT: 4.160 min Scan# 370
Delta R.T. 0.037 min
Lab File: VW018642.D
Acq: 13 Apr 2021 15:24

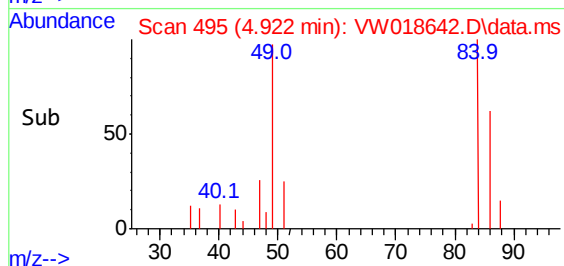
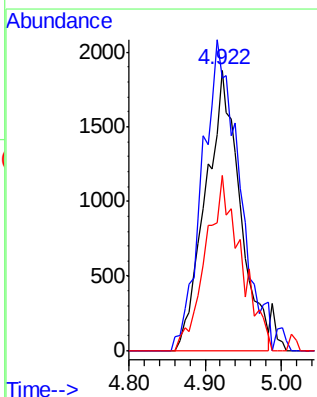
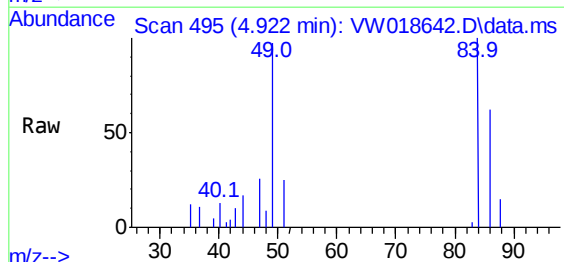
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MSVOA_W
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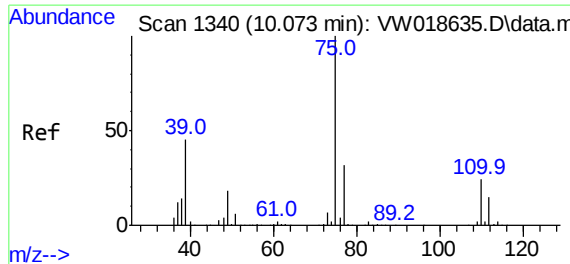
Tgt Ion: 43 Resp: 2440
Ion Ratio Lower Upper
43 100
58 14.6 0.0 62.2



#16
Methylene chloride
Concen: 0.85 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.007 min
Lab File: VW018642.D
Acq: 13 Apr 2021 15:24

Tgt Ion: 84 Resp: 5889
Ion Ratio Lower Upper
84 100
49 97.4 74.4 138.2
86 62.5 46.1 85.7

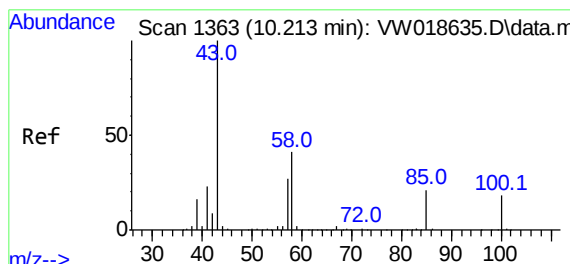
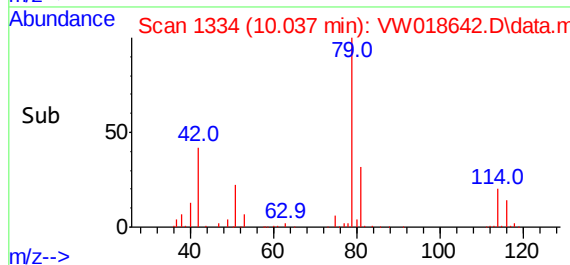
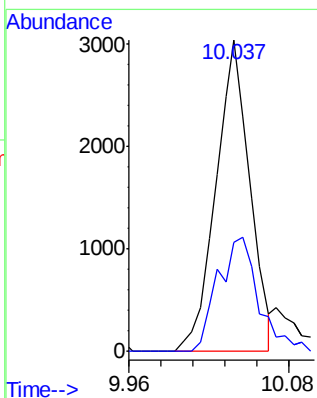
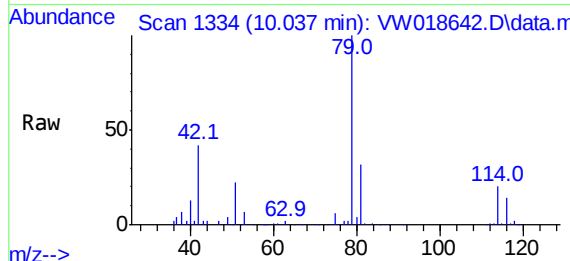




#42
cis-1,3-Dichloropropene
Concen: 0.52 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW018642.D
Acq: 13 Apr 2021 15:24

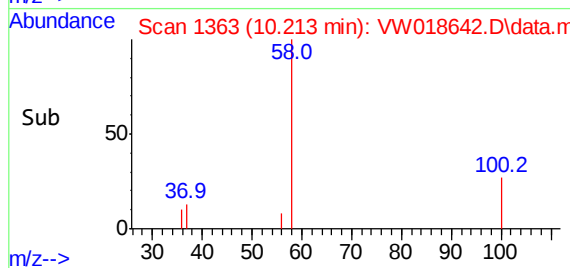
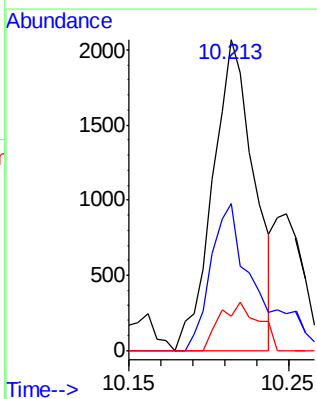
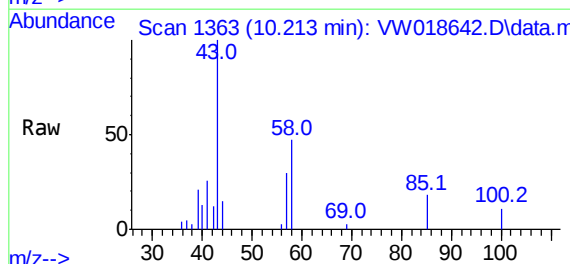
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MSVOA_W
ClientSampleID :
VHBLK01

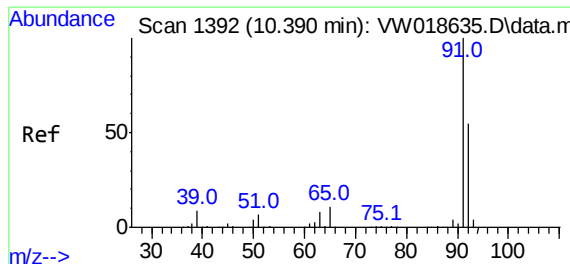
Tgt Ion: 75 Resp: 5121
Ion Ratio Lower Upper
75 100
77 35.0 22.4 41.6



#43
4-Methyl-2-pentanone
Concen: 1.12 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW018642.D
Acq: 13 Apr 2021 15:24

Tgt Ion: 43 Resp: 3909
Ion Ratio Lower Upper
43 100
58 42.9 34.8 52.2
100 12.8 15.9 23.9#

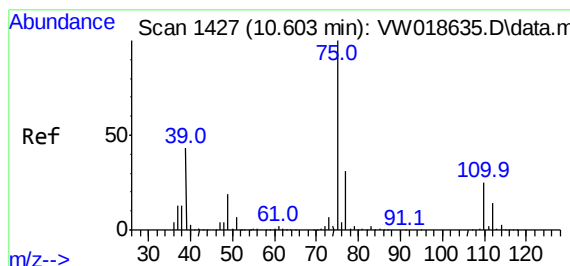
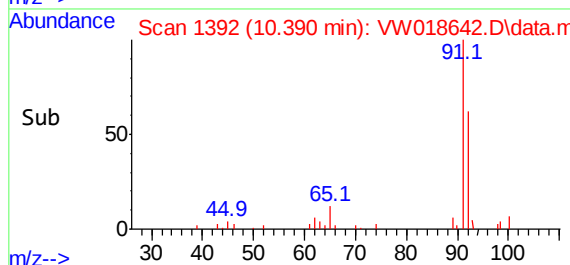
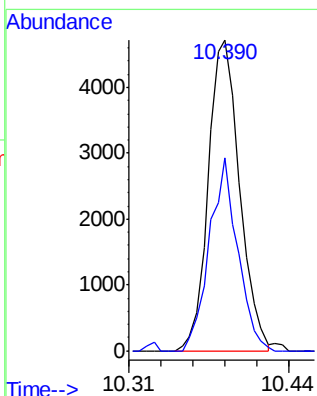
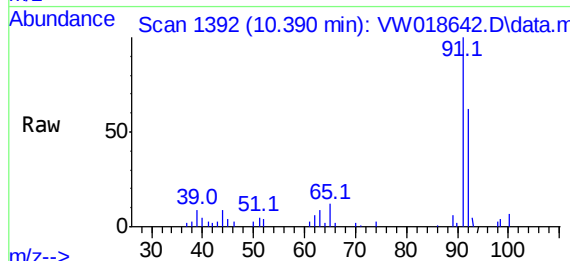




#44
Toluene
Concen: 0.33 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW018642.D
Acq: 13 Apr 2021 15:24

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Tgt Ion: 91 Resp: 8795
Ion Ratio Lower Upper
91 100
92 62.2 42.3 78.5



#45
trans-1,3-Dichloropropene
Concen: 0.40 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018642.D
Acq: 13 Apr 2021 15:24

Tgt Ion: 75 Resp: 3550
Ion Ratio Lower Upper
75 100
77 44.6 22.6 42.0#

