

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112420\
 Data File : VW017476.D
 Acq On : 24 Nov 2020 16:44
 Operator : SY/VA
 Sample : L4819-20
 Misc : 5.75G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BB9

Manual Integrations
 APPROVED

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 11/26/2020 1:51:47 PM

Quant Time: Nov 25 02:19:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 25 01:45:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	490081	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	439552	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	220830	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	144775	22.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.84%
7) Chloroethane-d5	2.90	69	113018	20.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.12%
10) 1,1-Dichloroethene-d2	4.03	63	239831m	16.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.84%
20) 2-Butanone-d5	7.09	46	52246	38.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.86%
24) Chloroform-d	7.65	84	306233	21.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.96%
26) 1,2-Dichloroethane-d4	8.31	65	147620	21.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.44%
29) Benzene-d6	8.28	84	617684	22.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.40%
33) 1,2-Dichloropropane-d6	9.27	67	170002	22.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.92%
37) Toluene-d8	10.33	98	578655	23.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.04%
38) trans-1,3-Dichloropropene-	10.58	79	71611	21.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.72%
39) 2-Hexanone-d5	10.93	63	38761	41.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	112458	20.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	196896	24.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.32%

Target Compounds					Ovalue
13) Acetone	4.15	43	3289m	2.514	ug/L
16) Methylene chloride	4.92	84	23604m	3.208	ug/L

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

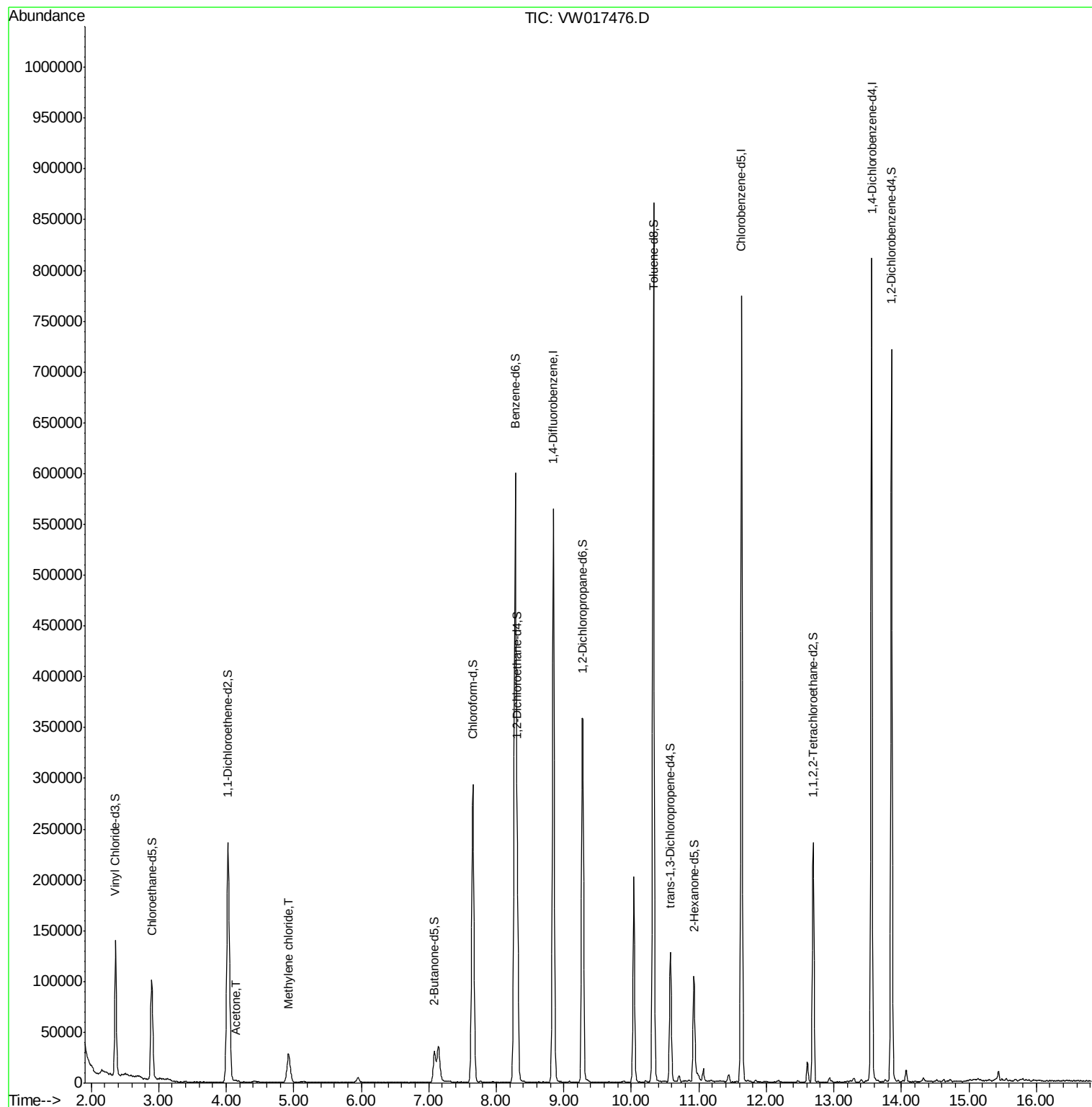
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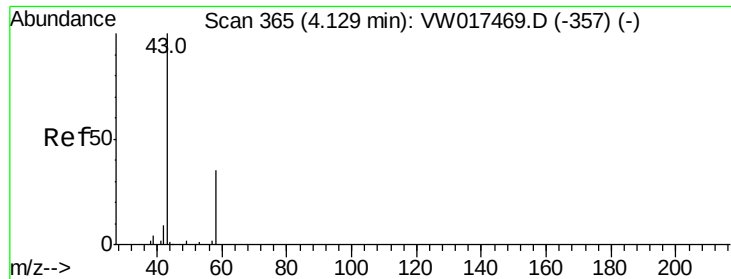
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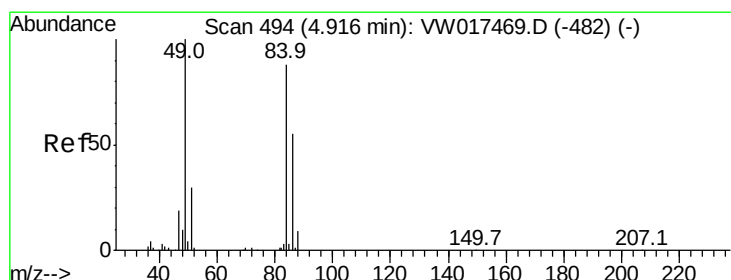
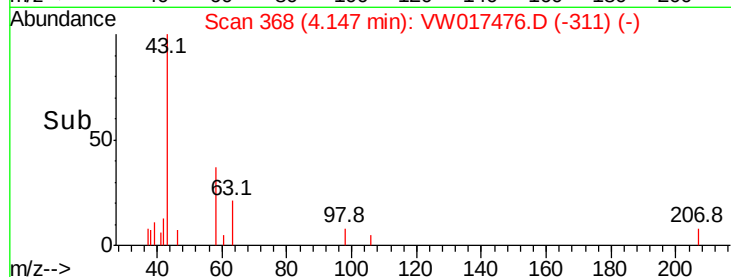
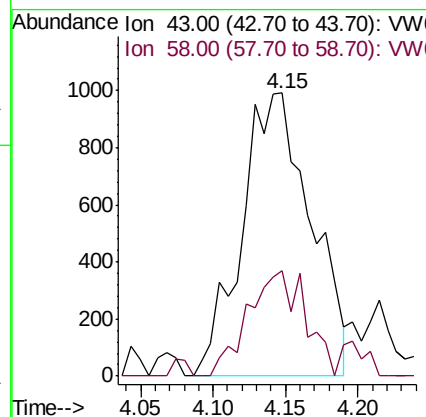
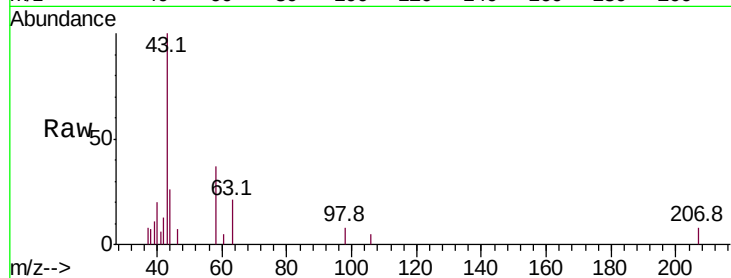
#13
Acetone
Concen: 2.514 ug/L m
RT: 4.15 min Scan# 368
Delta R.T. 0.02 min
Lab File: VW017476.D
Acq: 24 Nov 2020 16:44

Instrument :
MSVOA_W
ClientSampleId :
C0BB9

Tot Ion: 43 Resp: 3289
Ion Ratio Lower Upper
43 100
58 19.4 0.0 68.4

Manual Integrations
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#16
Methylene chloride
Concen: 3.208 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW017476.D
Acq: 24 Nov 2020 16:44

Tgt Ion: 84 Resp: 23604
Ion Ratio Lower Upper
84 100
49 106.0 81.2 150.8
86 60.6 44.5 82.7

