

Data File : VW009638.D
Acq On : 01 Apr 2019 22:00
Operator : SY/VA
Sample : K2119-09
Misc : 5.08G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5D2

Quant Time: Apr 02 01:39:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 02 01:34:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	444283	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	435403	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	190679	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	127046	23.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.72%
7) Chloroethane-d5	2.89	69	119702	19.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.08%
10) 1,1-Dichloroethene-d2	4.01	63	196488	17.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.48%
20) 2-Butanone-d5	7.08	46	92713	42.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.46%
24) Chloroform-d	7.64	84	291504	24.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.16%
26) 1,2-Dichloroethane-d4	8.30	65	178363	24.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.68%
29) Benzene-d6	8.27	84	511882	21.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.28%
33) 1,2-Dichloropropane-d6	9.27	67	167649	23.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.00%
37) Toluene-d8	10.32	98	449696	20.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.00%
38) trans-1,3-Dichloropropene-	10.57	79	70125	19.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.44%
39) 2-Hexanone-d5	10.93	63	60169	34.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	156818	22.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	178438	24.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.60%

Target Compounds

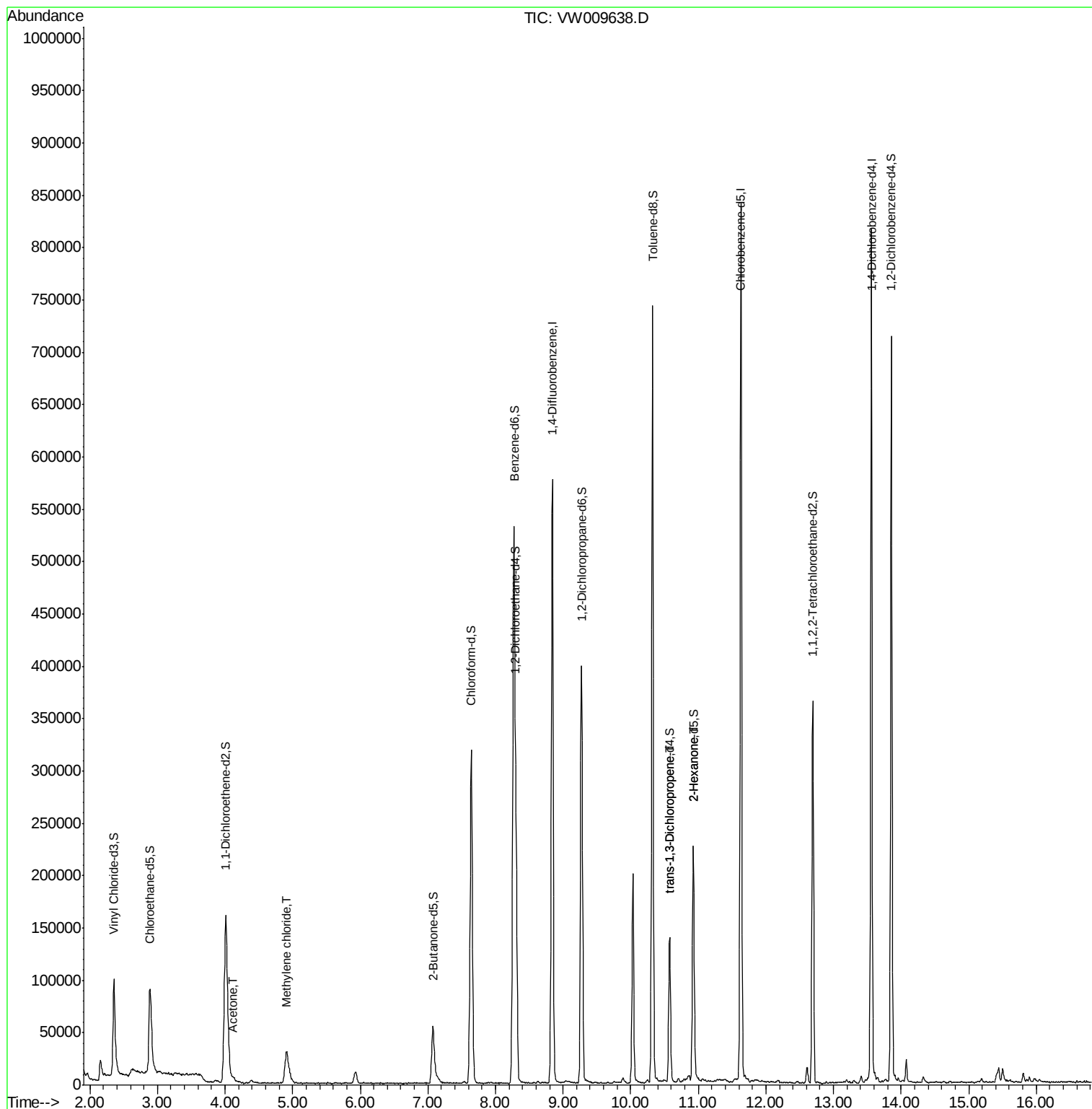
					Qvalue
13) Acetone	4.12	43	4454	2.474 ug/L	72
16) Methylene chloride	4.92	84	23616	3.645 ug/L	84
45) trans-1,3-Dichloropropene	10.58	75	4110	0.474 ug/L	94
49) 2-Hexanone	10.93	43	11380	2.916 ug/L #	83

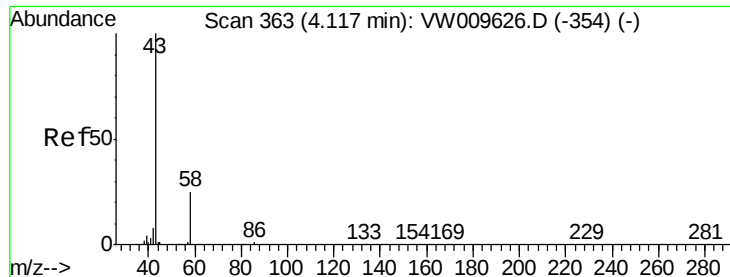
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.474 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

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Acq: 01 Apr 2019 22:00

Instrument :

MSVOA_W

ClientSampled :

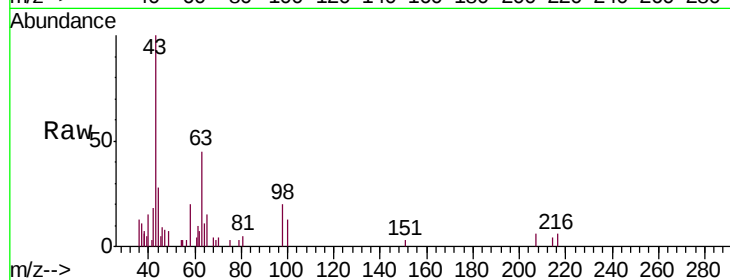
BF5D2

Tgt Ion: 43 Resp: 4454

Ion Ratio Lower Upper

43 100

58 13.2 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

1500

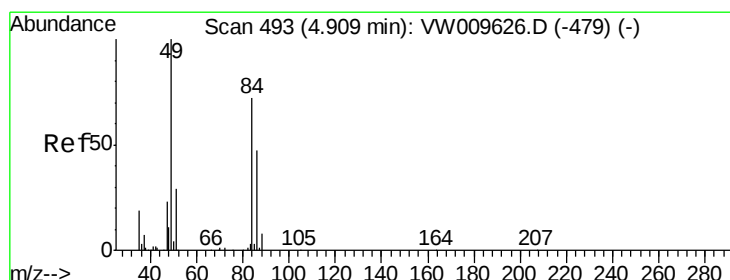
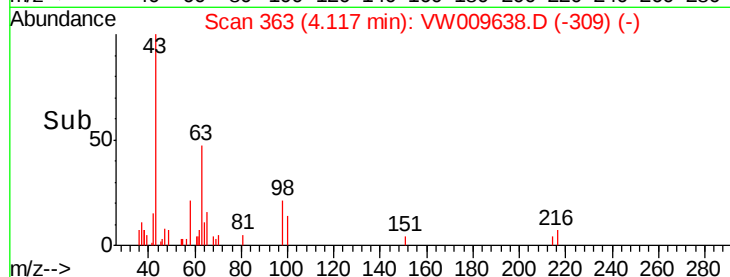
1000

500

0

Time-->

4.05 4.10 4.15 4.20



#16

Methylene chloride

Concen: 3.645 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

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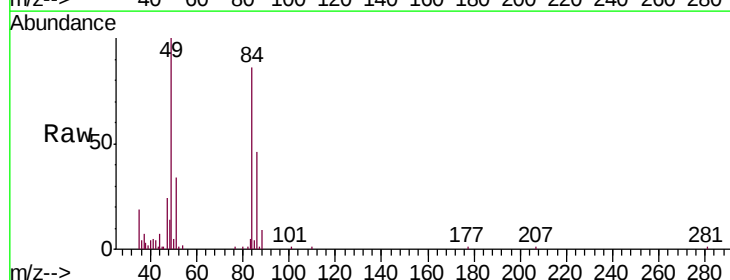
Tgt Ion: 84 Resp: 23616

Ion Ratio Lower Upper

84 100

49 116.0 96.0 178.2

86 53.5 44.4 82.5



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

4.92

12000

10000

8000

6000

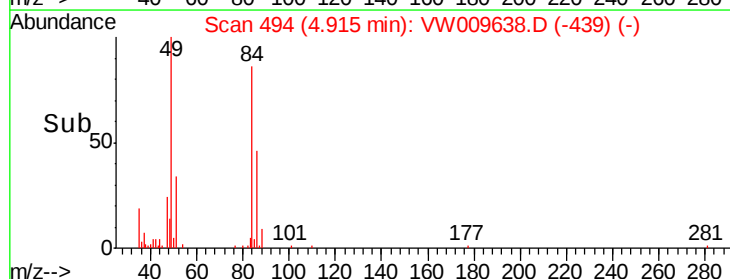
4000

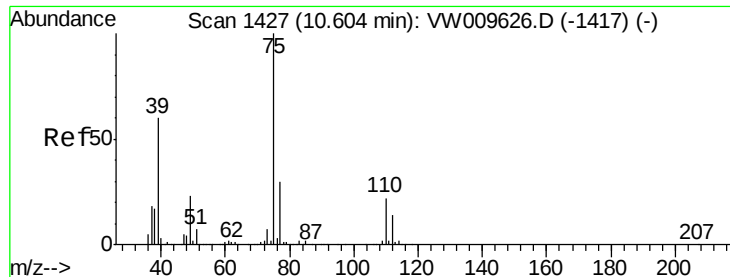
2000

0

Time-->

4.80 4.85 4.90 4.95

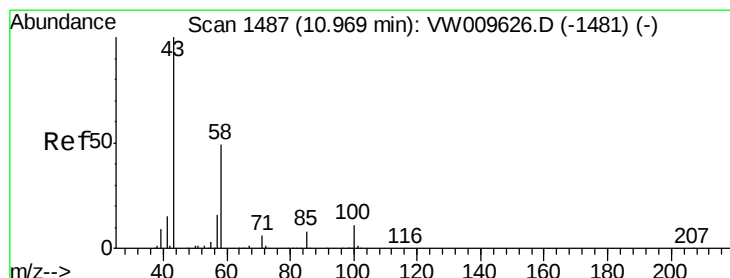
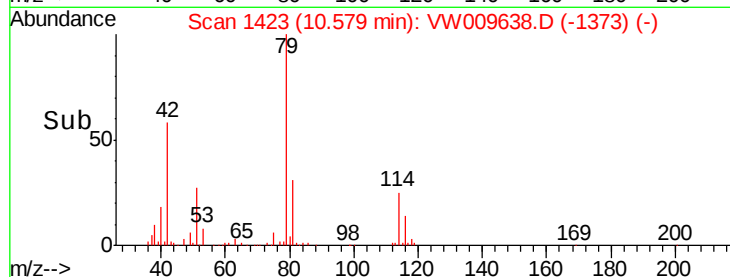
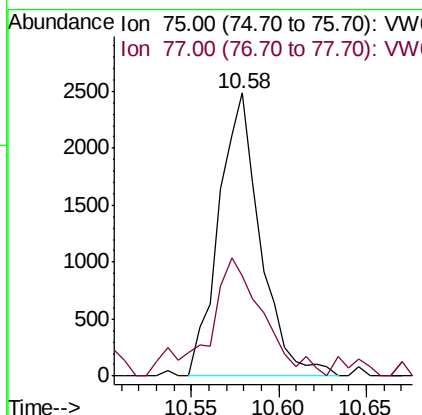
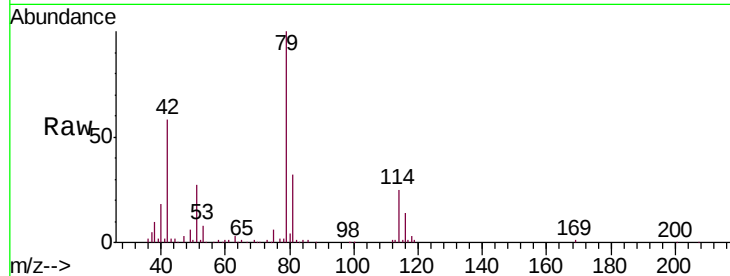




#45
trans-1,3-Dichloropropene
Concen: 0.474 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.02 min
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ClientSampled :
BF5D2

Tgt Ion: 75 Resp: 4110
Ion Ratio Lower Upper
75 100
77 35.5 22.5 41.7



#49
2-Hexanone
Concen: 2.916 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW009638.D
Acq: 01 Apr 2019 22:00

Tgt Ion: 43 Resp: 11380
Ion Ratio Lower Upper
43 100
58 40.3 39.2 58.8
57 29.7 14.2 21.2#
100 3.2 8.9 13.3#

