

Data File : VV009032.D
Acq On : 19 Dec 2018 00:28
Operator : SY/MD
Sample : J6419-01
Misc : 4.54G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF008

Quant Time: Dec 19 07:24:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 19 07:18:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	237316	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	199585	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	71577	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	52252	21.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.12%
7) Chloroethane-d5	1.58	69	49441	27.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.00%
10) 1,1-Dichloroethene-d2	2.13	63	105458	17.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.72%
20) 2-Butanone-d5	3.94	46	28690	32.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.18%
24) Chloroform-d	4.40	84	140763	24.67	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.68%
26) 1,2-Dichloroethane-d4	5.08	65	87125	27.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.92%
29) Benzene-d6	5.10	84	279046	25.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.12%
33) 1,2-Dichloropropane-d6	6.12	67	86619	27.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.04%
37) Toluene-d8	7.36	98	240762	23.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.36%
38) trans-1,3-Dichloropropene-	7.67	79	26667	19.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.80%
39) 2-Hexanone-d5	8.14	63	15870	27.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.52%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	61709	23.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.28%
61) 1,2-Dichlorobenzene-d4	11.68	152	63573	23.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.68%

Target Compounds

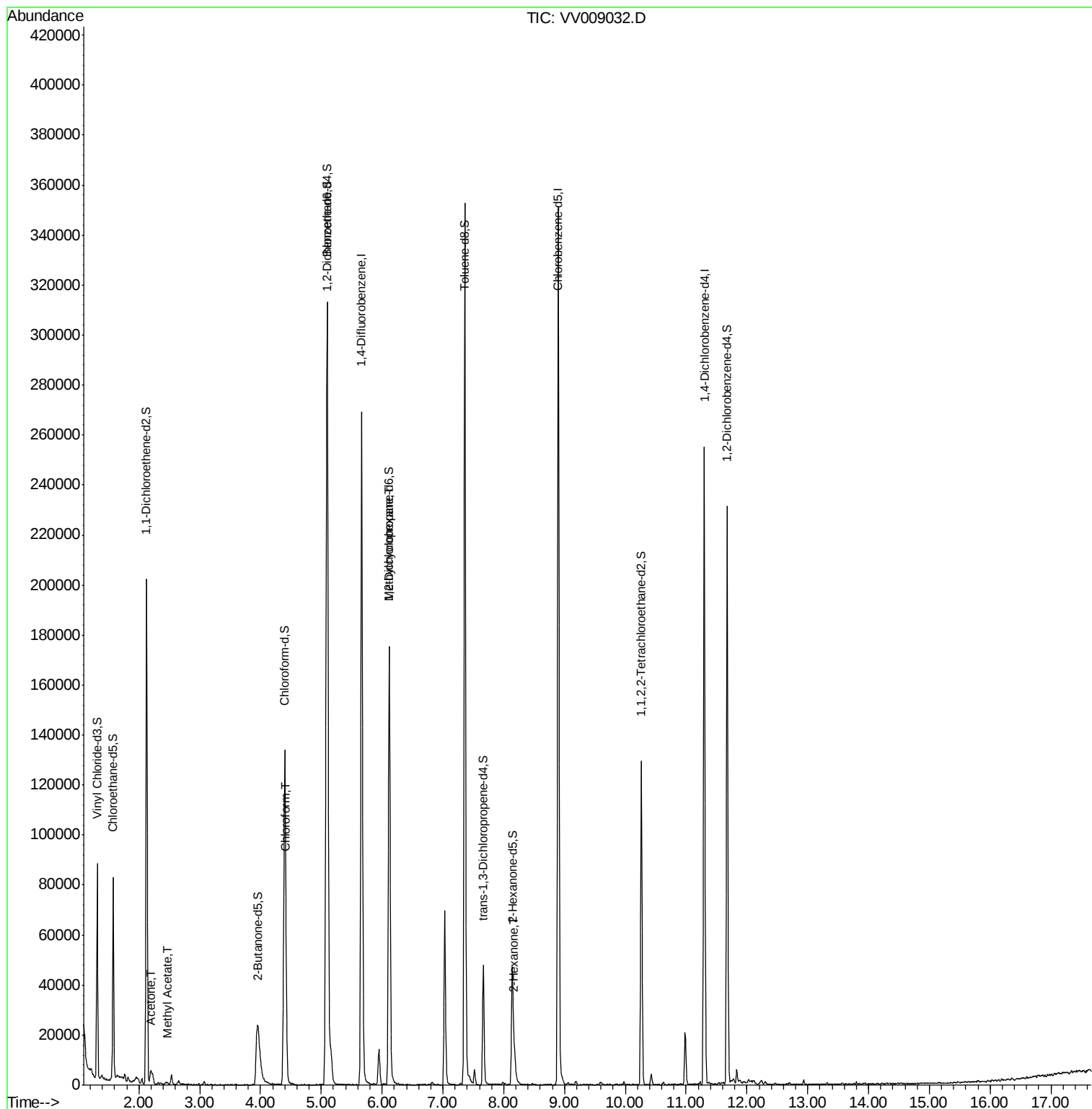
					Qvalue
13) Acetone	2.20	43	7554	5.734 ug/L	92
15) Methyl Acetate	2.47	43	1114	0.667 ug/L #	58
25) Chloroform	4.43	83	3588	0.624 ug/L	83
36) Methylcyclohexane	6.12	83	21844	3.799 ug/L #	21
49) 2-Hexanone	8.18	43	8501	5.297 ug/L #	65

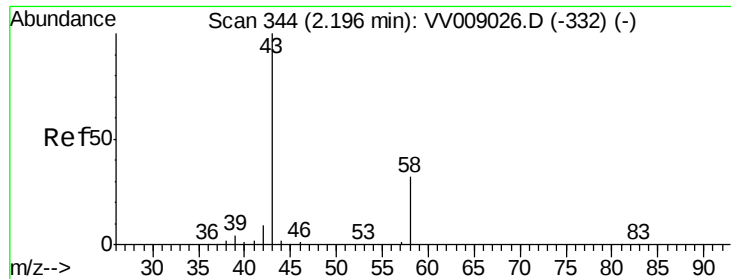
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.734 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.00 min

Lab File: VV009032.D

Acq: 19 Dec 2018 00:28

Instrument :

MSVOA_V

ClientSampleId :

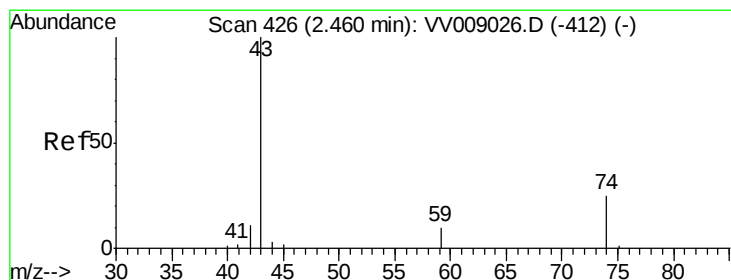
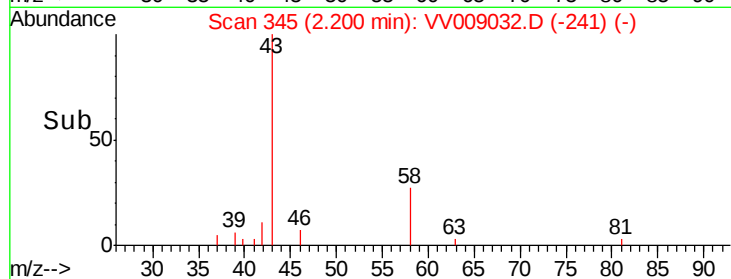
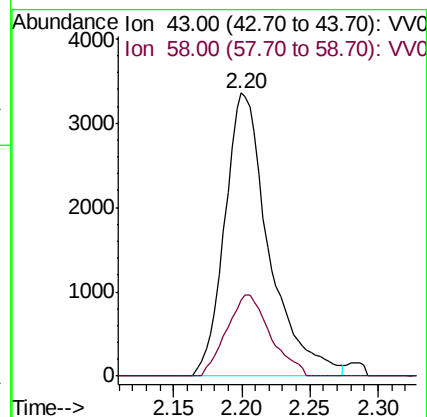
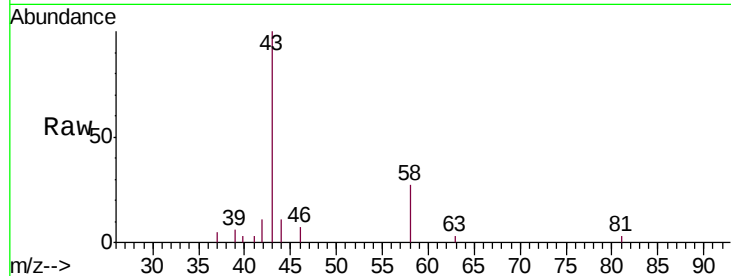
BF008

Tgt Ion: 43 Resp: 7554

Ion Ratio Lower Upper

43 100

58 28.4 0.0 65.4



#15

Methyl Acetate

Concen: 0.667 ug/L

RT: 2.47 min Scan# 428

Delta R.T. 0.01 min

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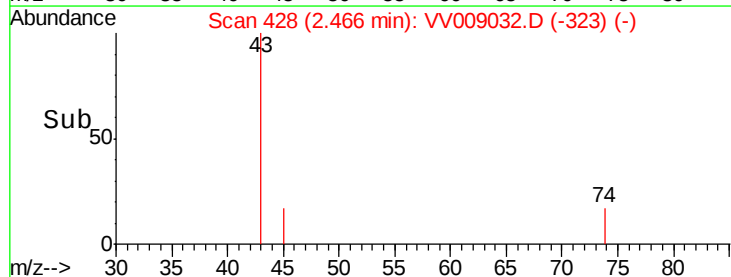
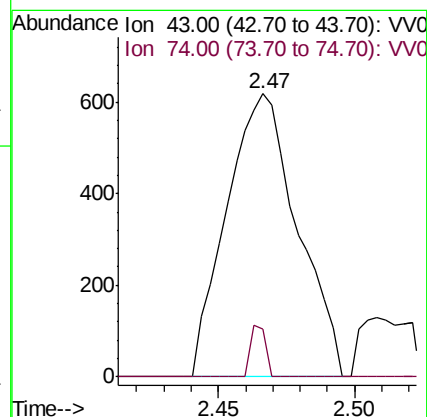
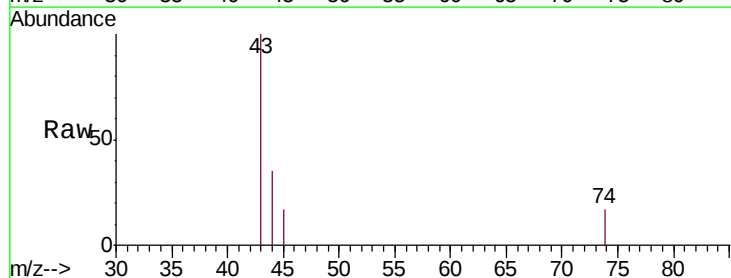
Acq: 19 Dec 2018 00:28

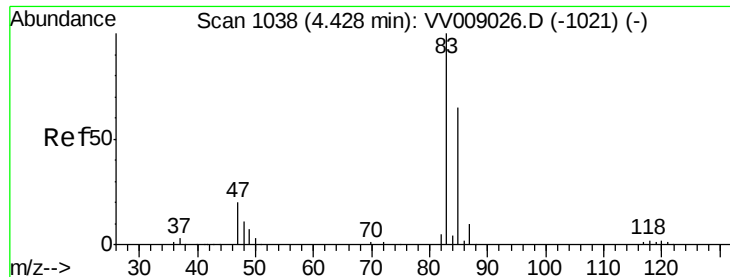
Tgt Ion: 43 Resp: 1114

Ion Ratio Lower Upper

43 100

74 3.8 19.7 29.5#

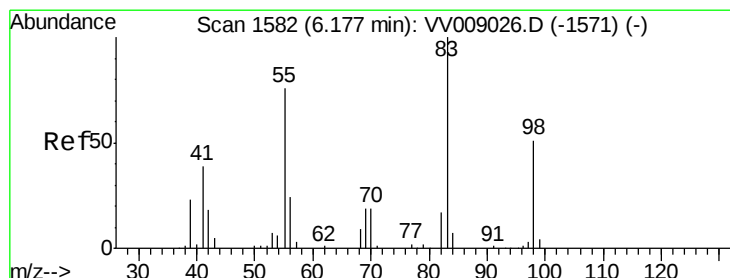
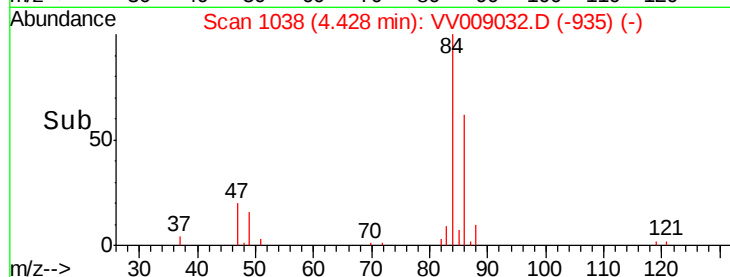
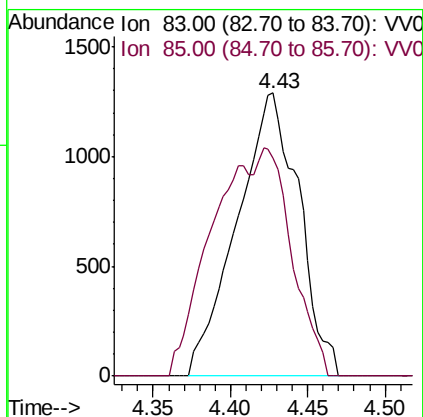
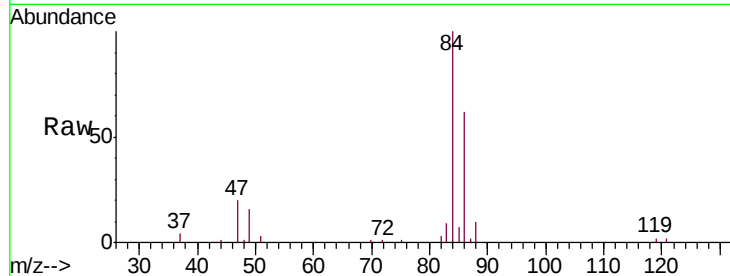




#25
Chloroform
Concen: 0.624 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
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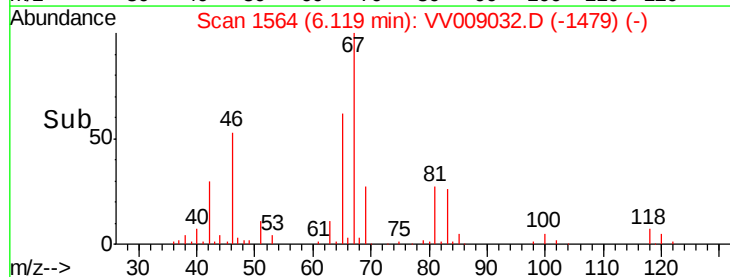
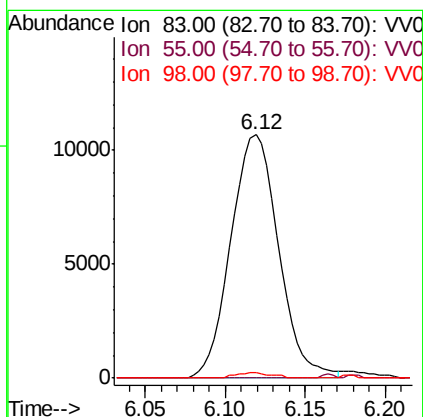
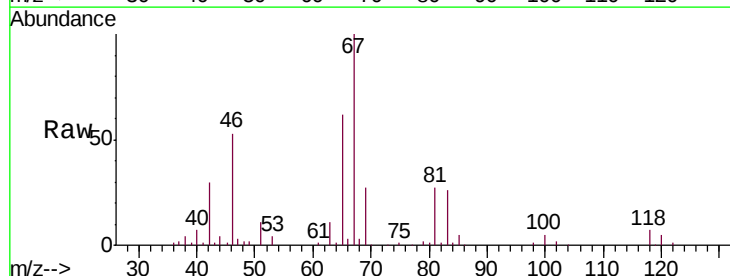
Instrument :
MSVOA_V
ClientSampled :
BF008

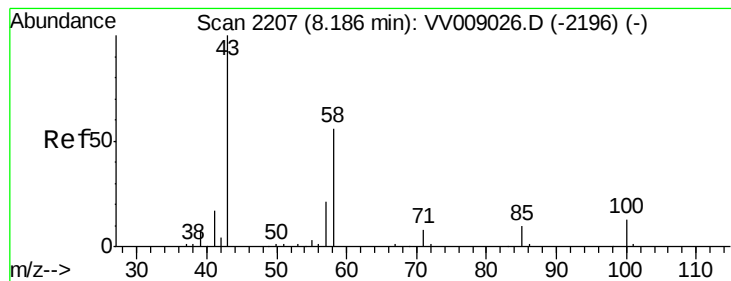
Tgt Ion: 83 Resp: 3588
Ion Ratio Lower Upper
83 100
85 52.1 45.6 84.8



#36
Methylcyclohexane
Concen: 3.799 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV009032.D
Acq: 19 Dec 2018 00:28

Tgt Ion: 83 Resp: 21844
Ion Ratio Lower Upper
83 100
55 0.4 58.2 87.2#
98 1.4 37.8 56.8#





#49
 2-Hexanone
 Concen: 5.297 ug/L
 RT: 8.18 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: VV009032.D
 Acq: 19 Dec 2018 00:28

Instrument :
 MSVOA_V
 ClientSampleId :
 BF008

Tgt Ion:	43	Resp:	8501
Ion	Ratio	Lower	Upper
43	100		
58	25.6	43.9	65.9#
57	7.4	15.7	23.5#
100	3.3	11.0	16.4#

