

Data File : VV009025.D
Acq On : 18 Dec 2018 20:07
Operator : SY/MD
Sample : J6418-16
Misc : 4.81G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BEZZ5

Quant Time: Dec 19 06:23:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 19 06:18:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	262418	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	234169	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	95723	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	62170	22.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.56%
7) Chloroethane-d5	1.58	69	59791	29.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.20%
10) 1,1-Dichloroethene-d2	2.13	63	118305	17.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.68%
20) 2-Butanone-d5	3.94	46	44184	44.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.38%
24) Chloroform-d	4.40	84	165611	26.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	5.08	65	102636	29.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.24%
29) Benzene-d6	5.10	84	330530	25.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.08%
33) 1,2-Dichloropropane-d6	6.12	67	101409	27.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.80%
37) Toluene-d8	7.36	98	295097	24.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.52%
38) trans-1,3-Dichloropropene-	7.67	79	41448	25.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.04%
39) 2-Hexanone-d5	8.14	63	24674	36.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.58%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	76100	24.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.12%
61) 1,2-Dichlorobenzene-d4	11.68	152	91203	25.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.56%

Target Compounds

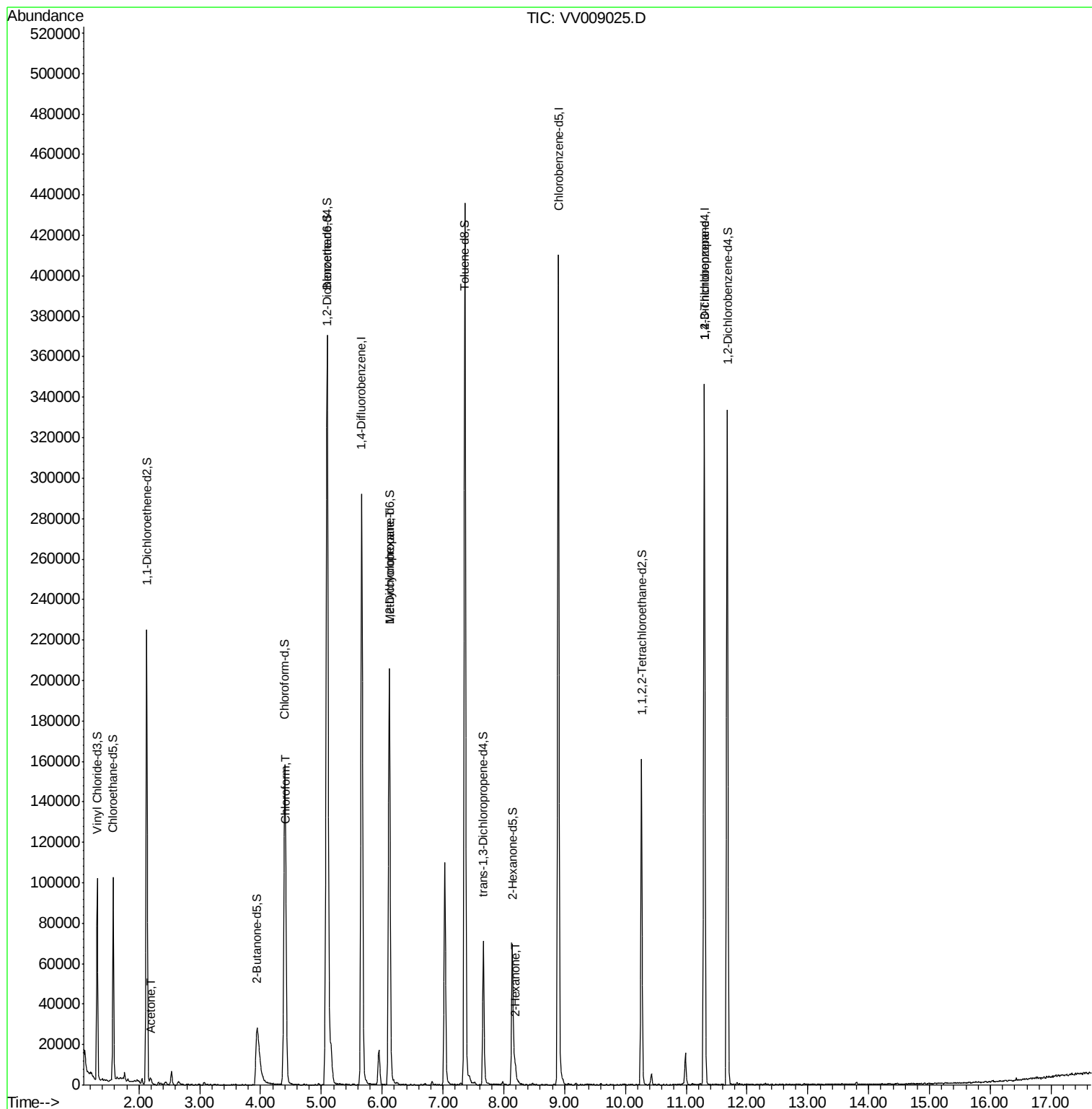
					Qvalue
13) Acetone	2.20	43	2576	1.768 ug/L	89
25) Chloroform	4.42	83	4155	0.653 ug/L	76
36) Methylcyclohexane	6.12	83	24925	3.695 ug/L #	20
49) 2-Hexanone	8.19	43	4250	2.257 ug/L #	83
59) 1,2,3-Trichloropropane	11.30	75	10495	3.999 ug/L #	83

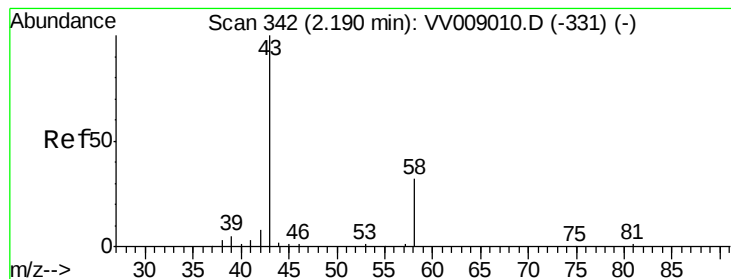
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.768 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.01 min

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Acq: 18 Dec 2018 20:07

Instrument :

MSVOA_V

ClientSampled :

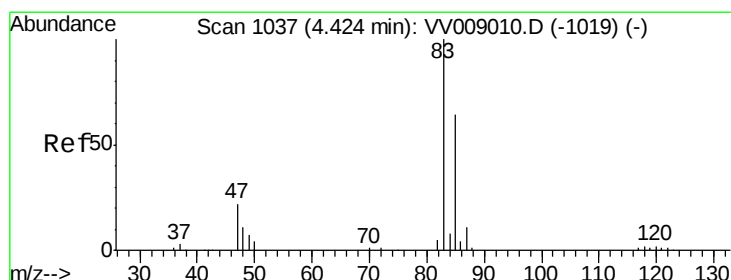
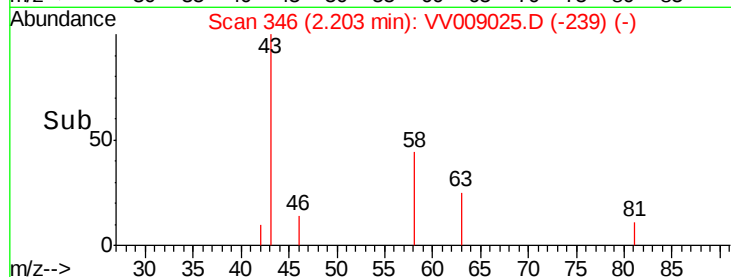
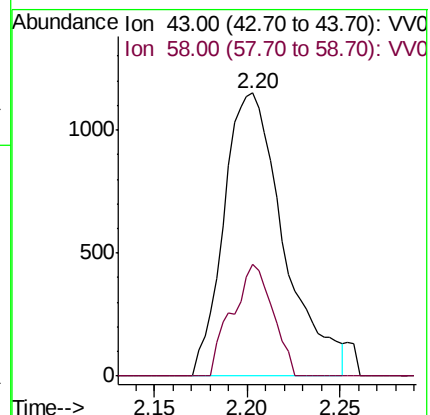
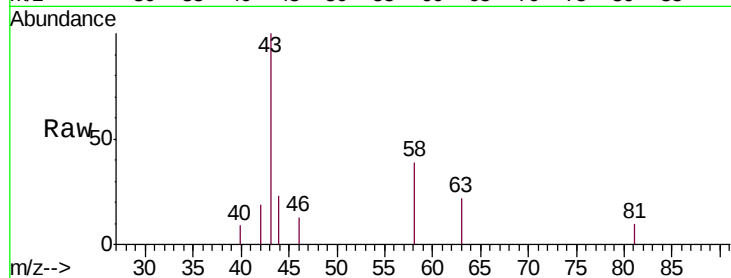
BEZZ5

Tgt Ion: 43 Resp: 2576

Ion Ratio Lower Upper

43 100

58 26.7 0.0 65.4



#25

Chloroform

Concen: 0.653 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

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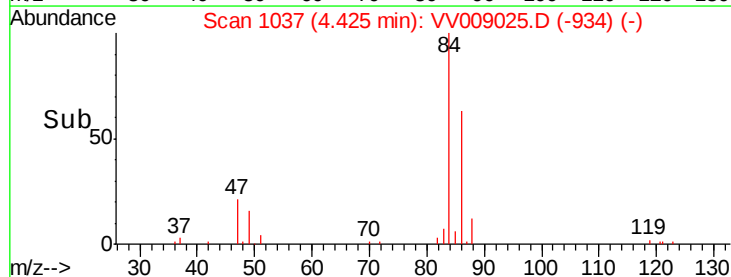
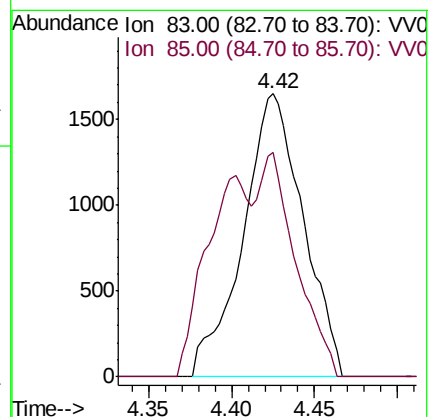
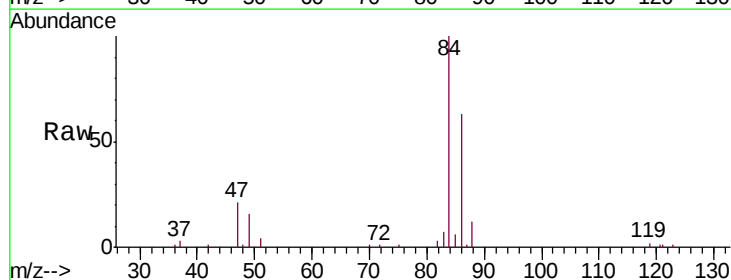
Acq: 18 Dec 2018 20:07

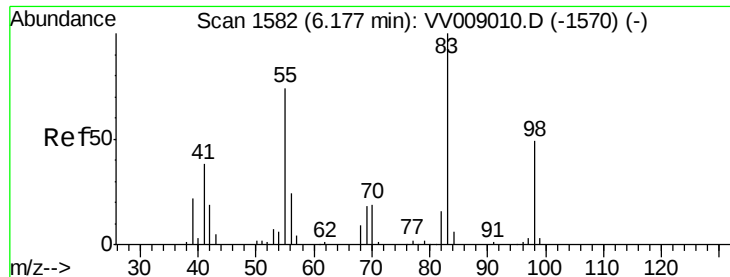
Tgt Ion: 83 Resp: 4155

Ion Ratio Lower Upper

83 100

85 45.9 45.6 84.8

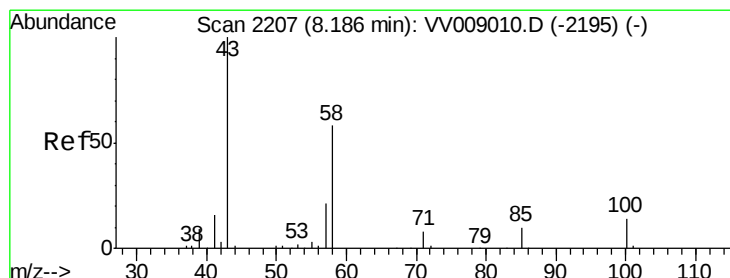
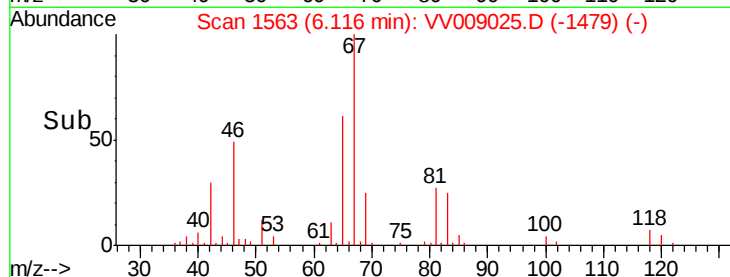
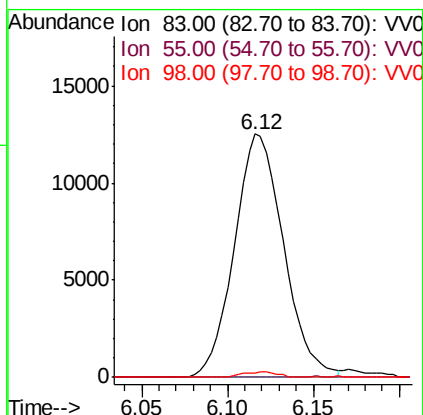
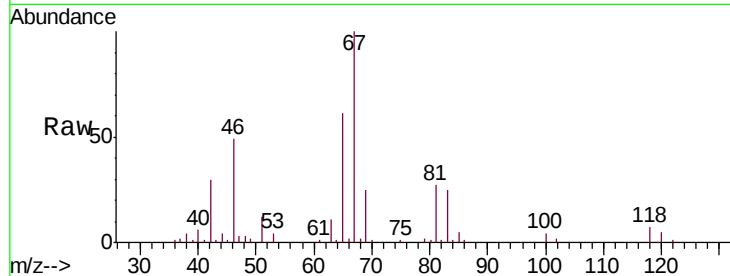




#36
Methylcyclohexane
Concen: 3.695 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV009025.D
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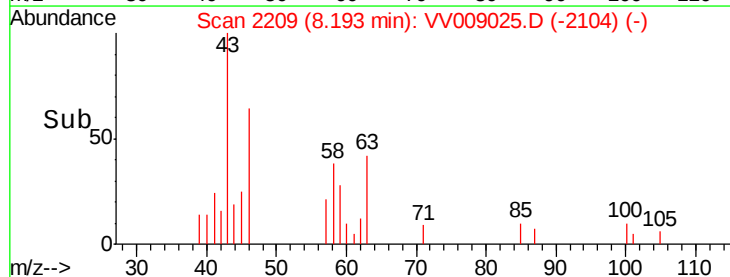
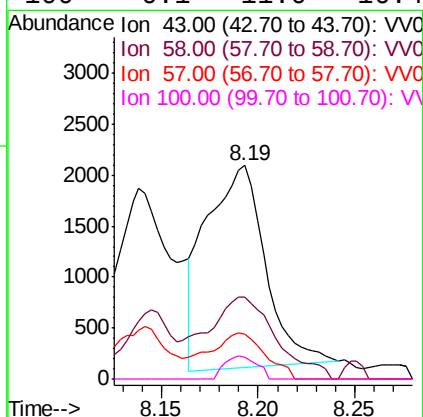
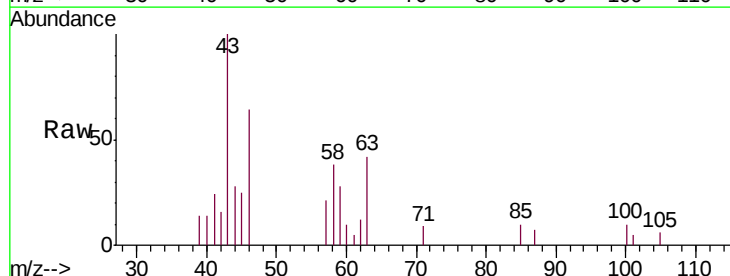
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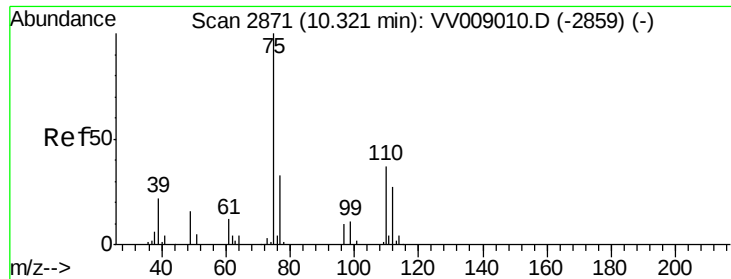
Tgt Ion: 83 Resp: 24925
Ion Ratio Lower Upper
83 100
55 0.0 58.2 87.2#
98 1.5 37.8 56.8#



#49
2-Hexanone
Concen: 2.257 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VV009025.D
Acq: 18 Dec 2018 20:07

Tgt Ion: 43 Resp: 4250
Ion Ratio Lower Upper
43 100
58 39.0 43.9 65.9#
57 20.9 15.7 23.5
100 6.1 11.0 16.4#





#59

1,2,3-Trichloropropane

Concen: 3.999 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV009025.D

Acq: 18 Dec 2018 20:07

Instrument :

MSVOA_V

ClientSampleId :

BEZZ5

Tgt Ion: 75 Resp: 10495

Ion Ratio Lower Upper

75 100

77 41.6 25.6 38.4#

