

Data File : VV009935.D
Acq On : 27 Mar 2019 18:20
Operator : SY/MD
Sample : K2085-14
Misc : 5.19G/10mL/MSVOA_V/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF7T9

Quant Time: Mar 28 05:17:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 05:12:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	102135	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	103714	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	38050	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49588	23.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.72%
7) Chloroethane-d5	1.57	69	57110	25.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.04%
10) 1,1-Dichloroethene-d2	2.13	63	108261	19.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.40%
20) 2-Butanone-d5	3.93	46	18804	48.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.38%
24) Chloroform-d	4.40	84	61390	23.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.36%
26) 1,2-Dichloroethane-d4	5.08	65	41042	26.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.84%
29) Benzene-d6	5.10	84	139833	25.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.68%
33) 1,2-Dichloropropane-d6	6.12	67	42821	26.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.48%
37) Toluene-d8	7.36	98	118500	22.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.96%
38) trans-1,3-Dichloropropene-	7.67	79	12153	18.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.56%
39) 2-Hexanone-d5	8.13	63	12579	42.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.58%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	35026	22.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.80%
61) 1,2-Dichlorobenzene-d4	11.68	152	37318	25.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.04%

Target Compounds

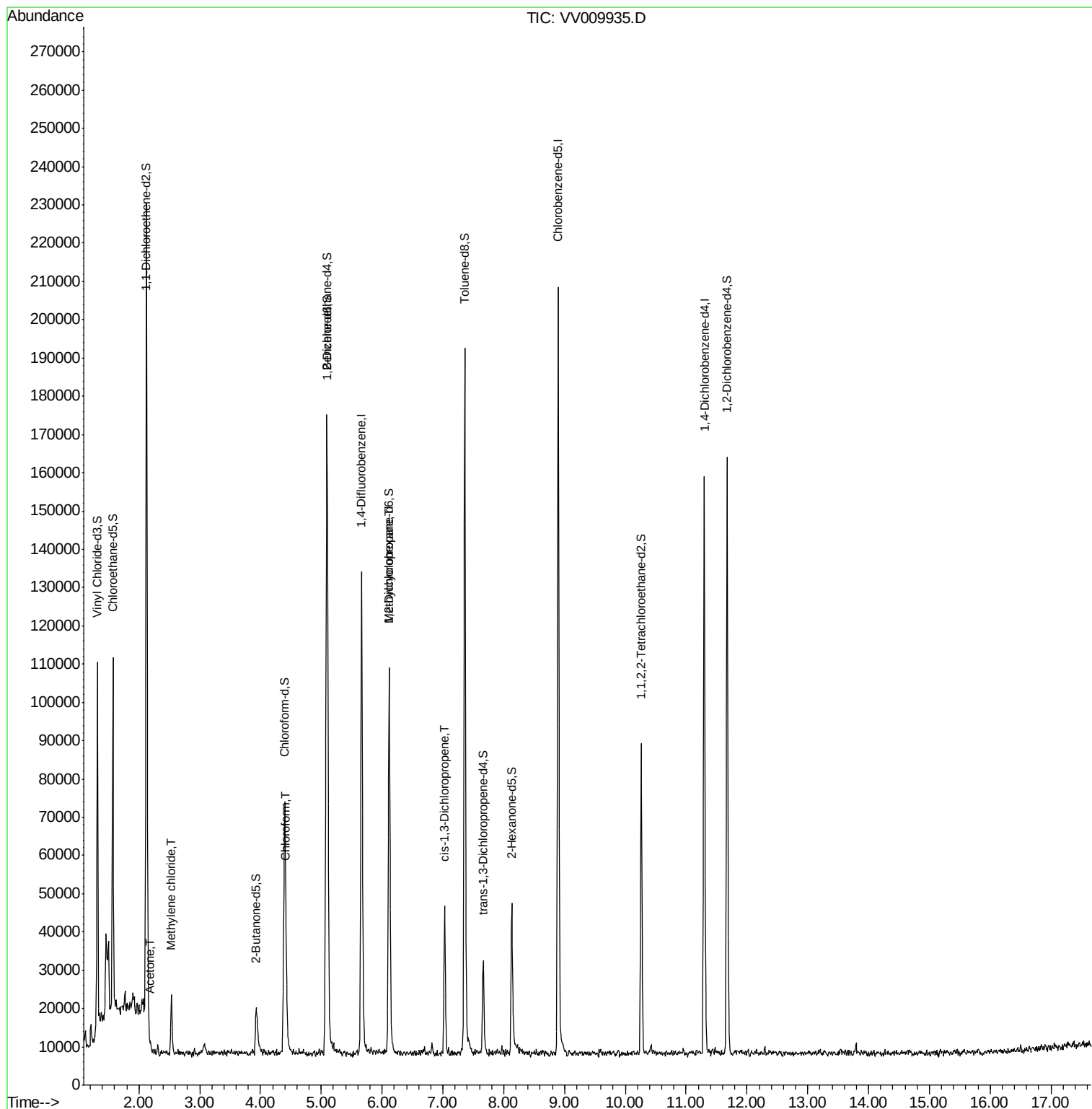
					Qvalue
13) Acetone	2.18	43	1561	2.670 ug/L	99
16) Methylene chloride	2.54	84	5557	3.304 ug/L	95
25) Chloroform	4.43	83	7211	2.665 ug/L	92
36) Methylcyclohexane	6.12	83	10445	4.431 ug/L #	20
42) cis-1,3-Dichloropropene	7.02	75	723	0.348 ug/L #	58

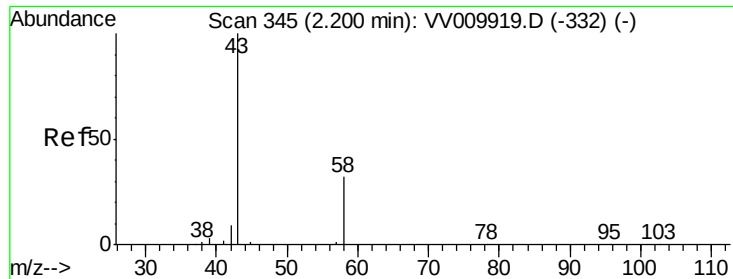
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.670 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.02 min

Lab File: VV009935.D

Acq: 27 Mar 2019 18:20

Instrument :

MSVOA_V

ClientSampled :

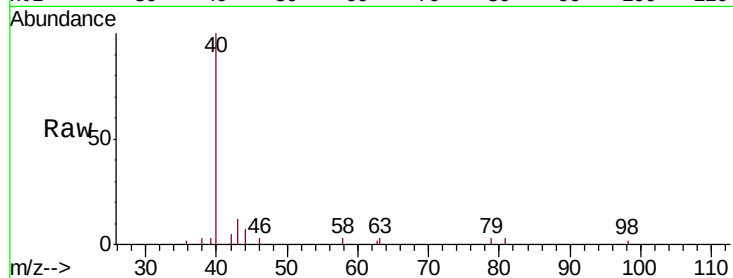
BF7T9

Tgt Ion: 43 Resp: 1561

Ion Ratio Lower Upper

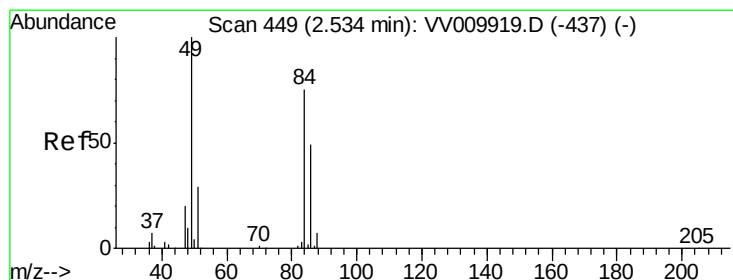
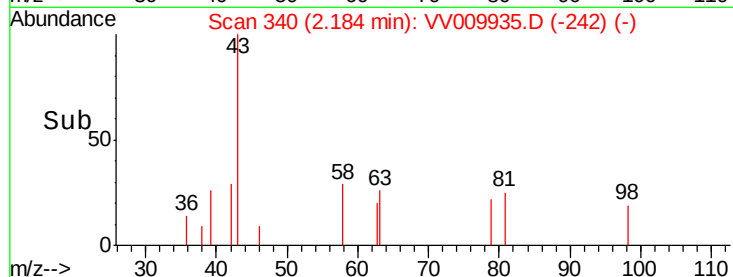
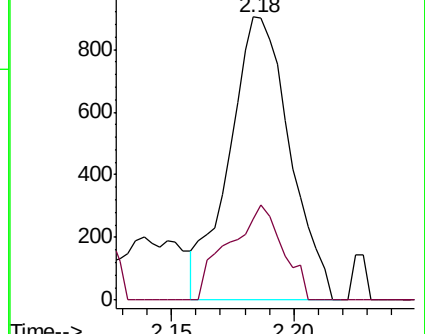
43 100

58 30.0 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV009919.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV009919.D (-332) (-)



#16

Methylene chloride

Concen: 3.304 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009935.D

Acq: 27 Mar 2019 18:20

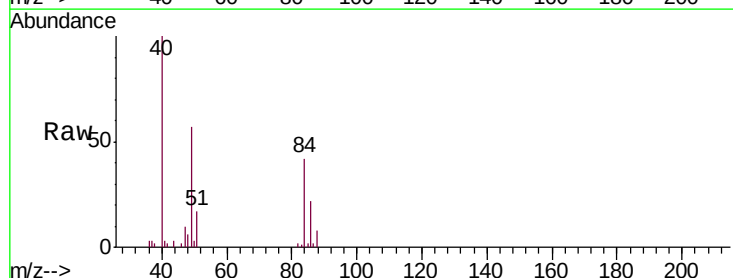
Tgt Ion: 84 Resp: 5557

Ion Ratio Lower Upper

84 100

49 134.8 90.4 167.8

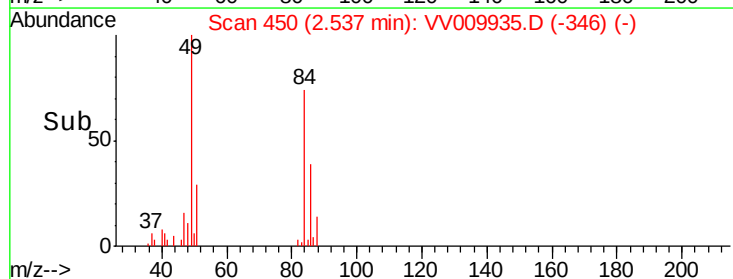
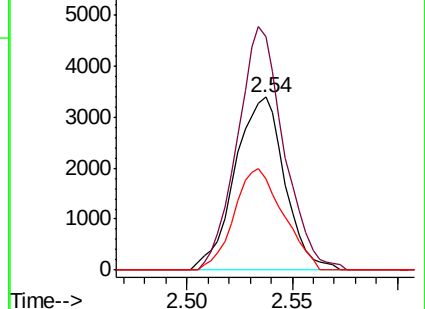
86 58.0 44.0 81.6

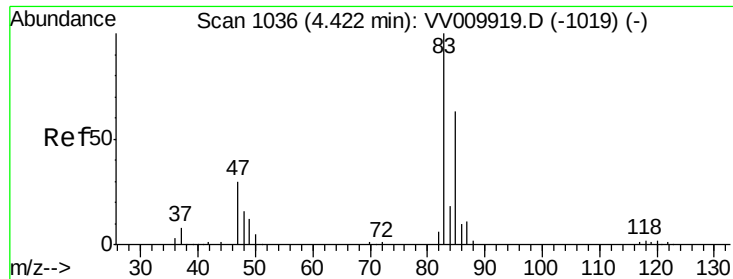


Abundance Ion 84.00 (83.70 to 84.70): VV009919.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV009919.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV009919.D (-437) (-)

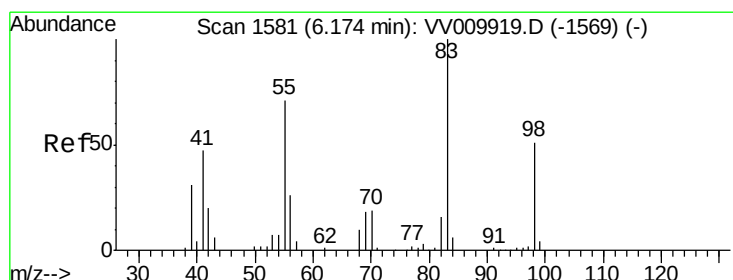
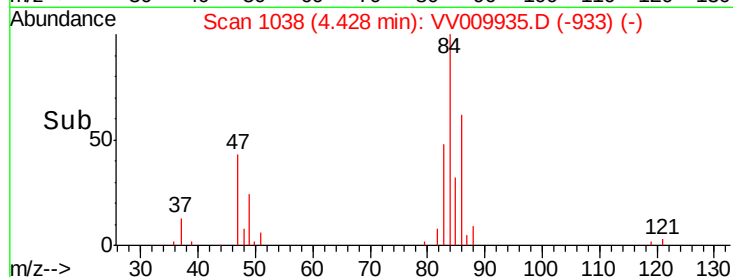
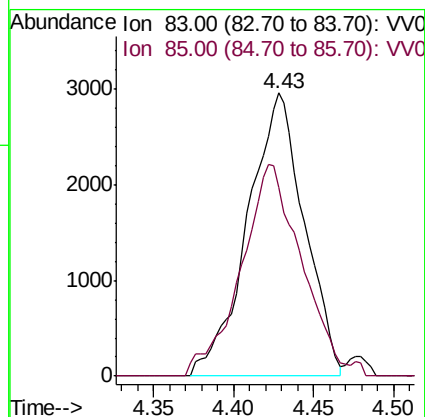
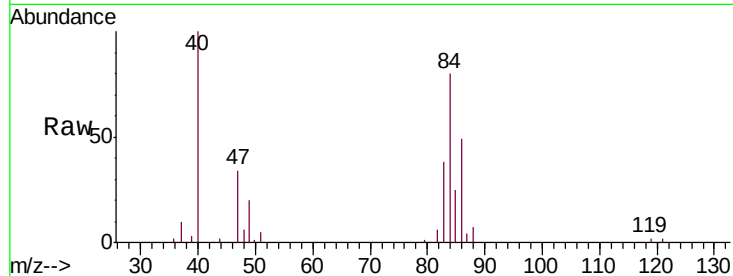




#25
Chloroform
Concen: 2.665 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
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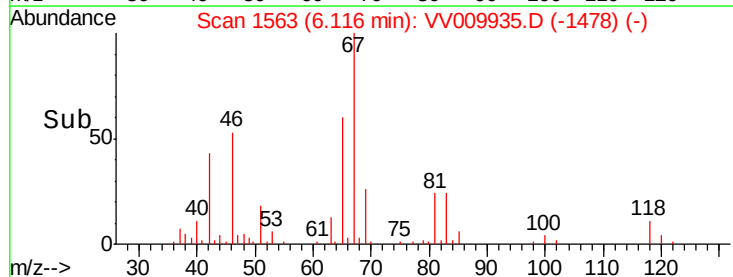
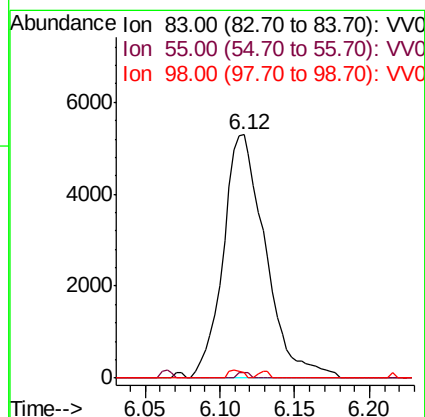
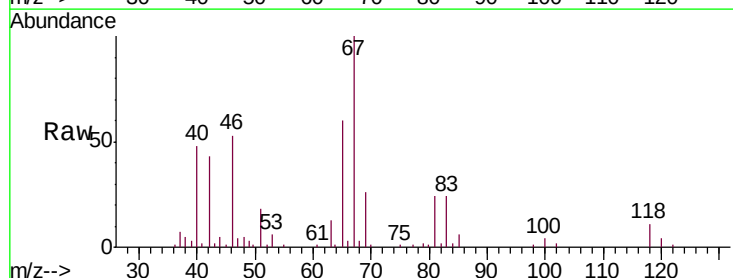
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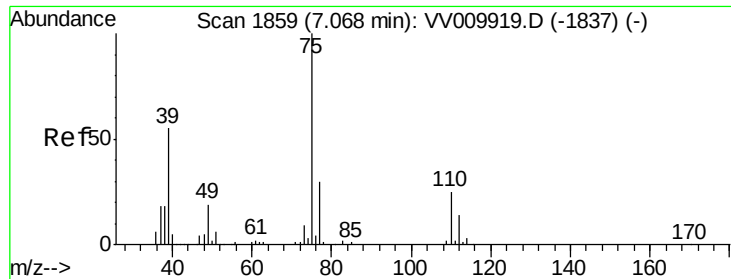
Tgt Ion: 83 Resp: 7211
Ion Ratio Lower Upper
83 100
85 72.3 46.1 85.7



#36
Methylcyclohexane
Concen: 4.431 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV009935.D
Acq: 27 Mar 2019 18:20

Tgt Ion: 83 Resp: 10445
Ion Ratio Lower Upper
83 100
55 0.0 57.3 85.9#
98 1.1 39.2 58.8#





#42

cis-1,3-Dichloropropene

Concen: 0.348 ug/L

RT: 7.02 min Scan# 1845

Delta R.T. -0.05 min

Lab File: VV009935.D

Acq: 27 Mar 2019 18:20

Instrument :

MSVOA_V

ClientSampleId :

BF7T9

Tgt Ion: 75 Resp: 723

Ion Ratio Lower Upper

75 100

77 54.3 21.8 40.6#

