

Data File : VV009925.D
Acq On : 27 Mar 2019 13:59
Operator : SY/MD
Sample : K2085-03
Misc : 4.89G/10mL/MSVOA_V/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF7X0

Quant Time: Mar 28 05:16:10 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	71213	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	83134	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	34947	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18593	12.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.48%
7) Chloroethane-d5	1.57	69	31276	20.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.16%
10) 1,1-Dichloroethene-d2	2.13	63	46529	11.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.08%
20) 2-Butanone-d5	4.03	46	414	1.54	ug/L	0.09
Spiked Amount	50.000	Range	20 - 135	Recovery	=	3.08%#
24) Chloroform-d	4.51	84	155	0.09	ug/L	0.12
Spiked Amount	25.000	Range	40 - 150	Recovery	=	0.36%#
26) 1,2-Dichloroethane-d4	5.08	65	43560	39.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	159.56%#
29) Benzene-d6	5.10	84	103012	23.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.36%
33) 1,2-Dichloropropane-d6	6.12	67	37148	29.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.32%
37) Toluene-d8	7.36	98	87119	21.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.32%
38) trans-1,3-Dichloropropene-	7.66	79	12141	23.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.96%
39) 2-Hexanone-d5	8.14	63	15621	65.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.04%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	39482	31.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.88%#
61) 1,2-Dichlorobenzene-d4	11.67	152	37657	28.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.20%

Target Compounds

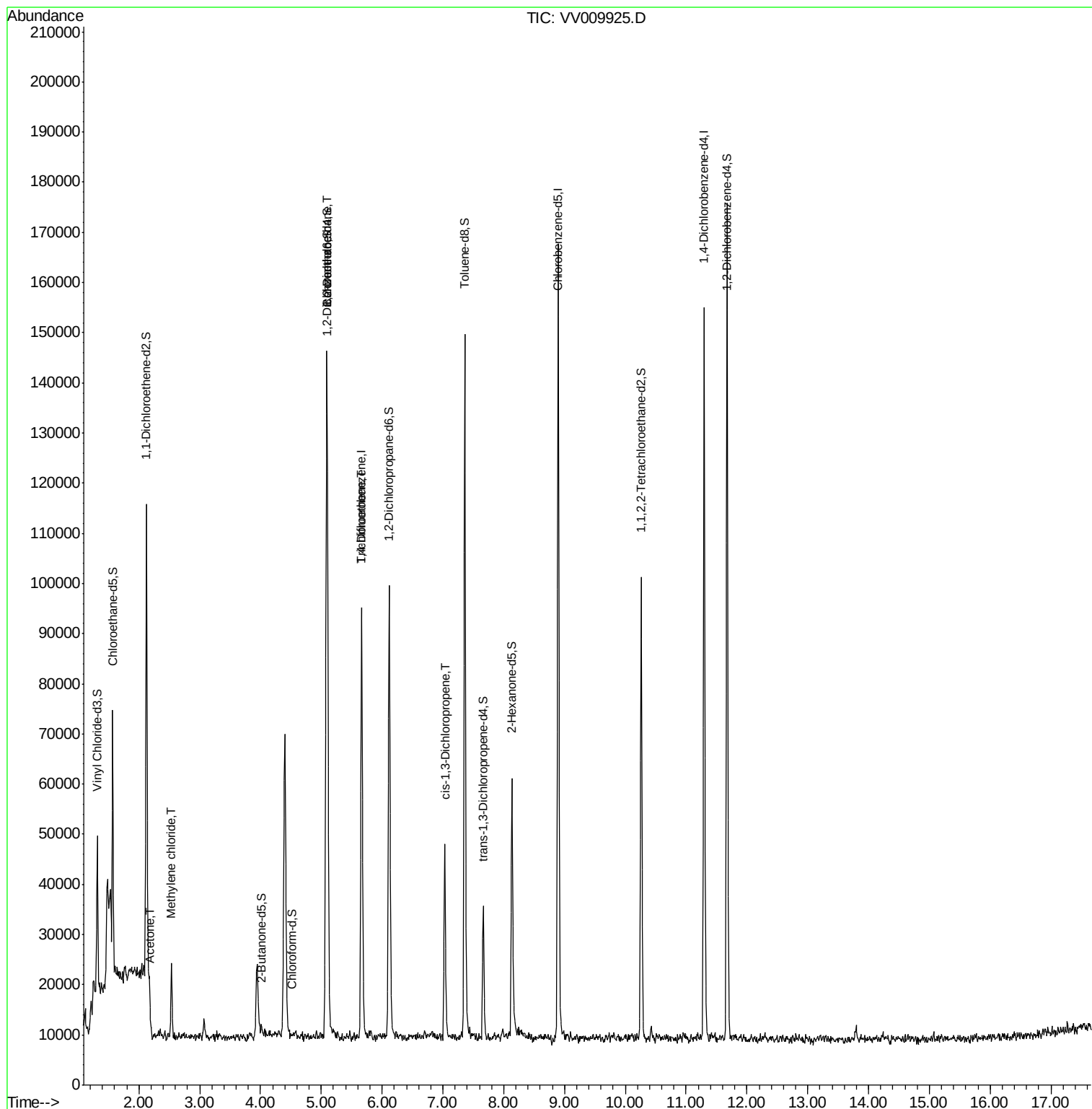
						Qvalue
13) Acetone	2.19	43	1778	4.361	ug/L	97
16) Methylene chloride	2.54	84	5441	4.640	ug/L	91
27) 1,2-Dichloroethane	5.10	62	582	0.435	ug/L #	75
35) Trichloroethene	5.66	95	1982	1.646	ug/L #	5
42) cis-1,3-Dichloropropene	7.04	75	555	0.334	ug/L	92

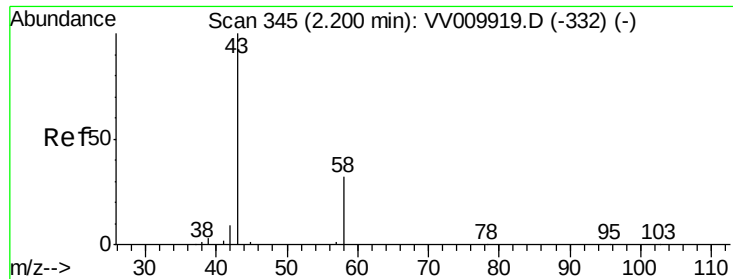
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.361 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampled :

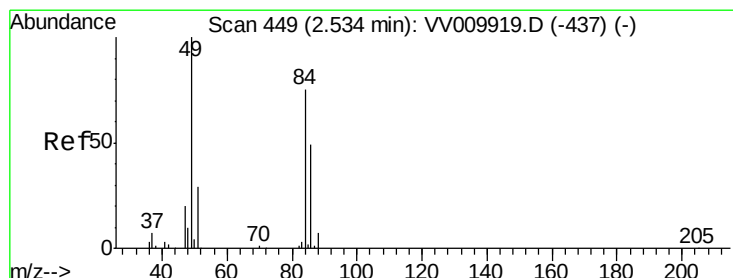
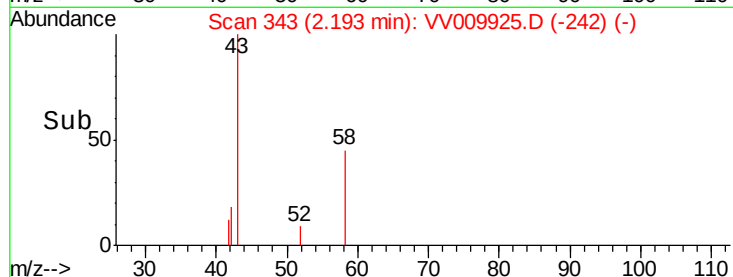
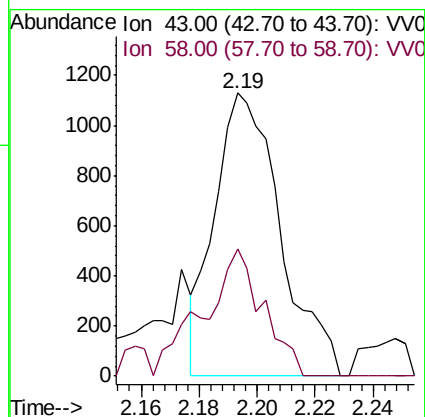
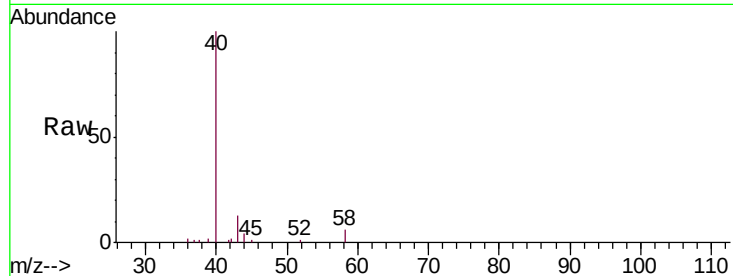
BF7X0

Tgt Ion: 43 Resp: 1778

Ion Ratio Lower Upper

43 100

58 28.3 0.0 59.4



#16

Methylene chloride

Concen: 4.640 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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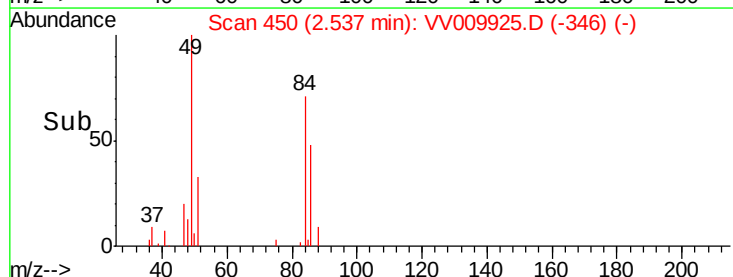
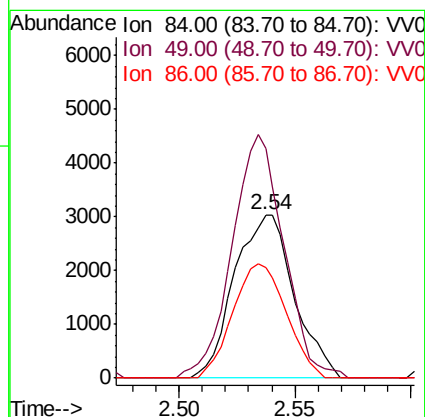
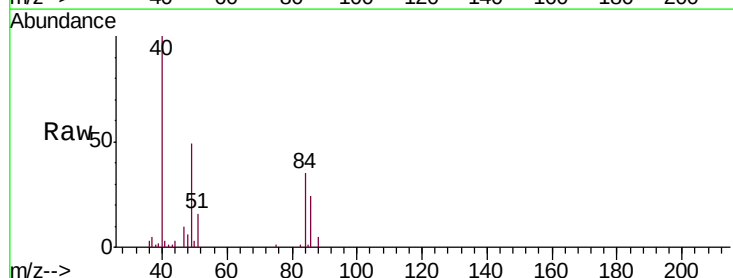
Tgt Ion: 84 Resp: 5441

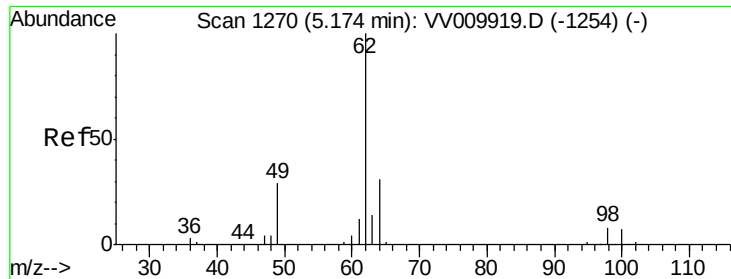
Ion Ratio Lower Upper

84 100

49 140.4 90.4 167.8

86 67.5 44.0 81.6

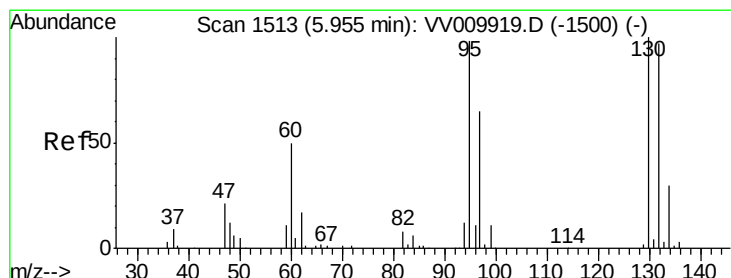
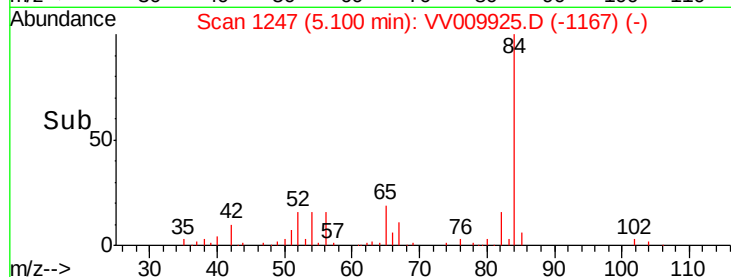
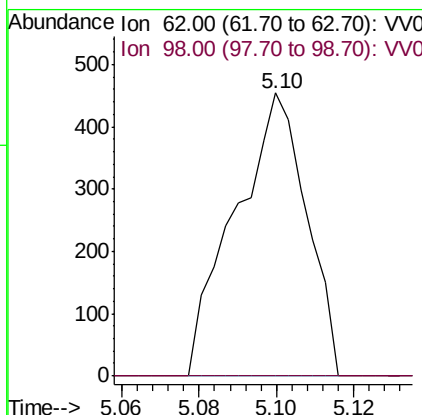
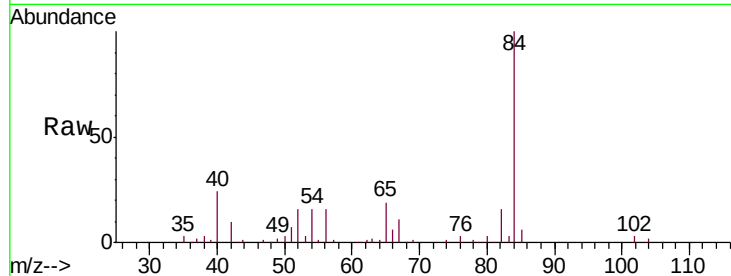




#27
 1,2-Dichloroethane
 Concen: 0.435 ug/L
 RT: 5.10 min Scan# 1247
 Delta R.T. -0.07 min
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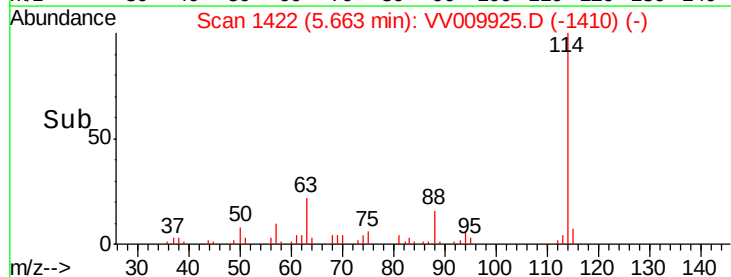
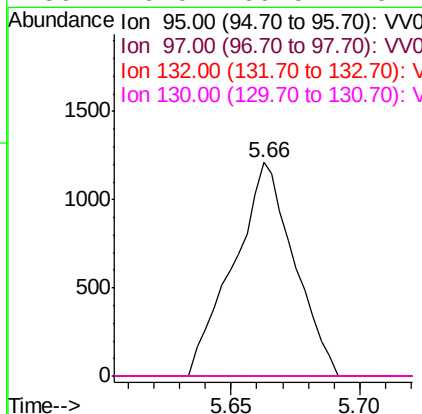
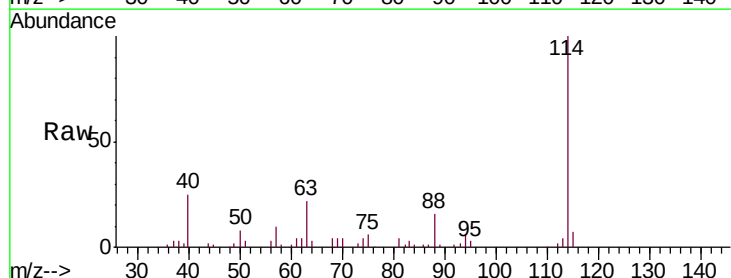
Instrument :
 MSVOA_V
 ClientSampleId :
 BF7X0

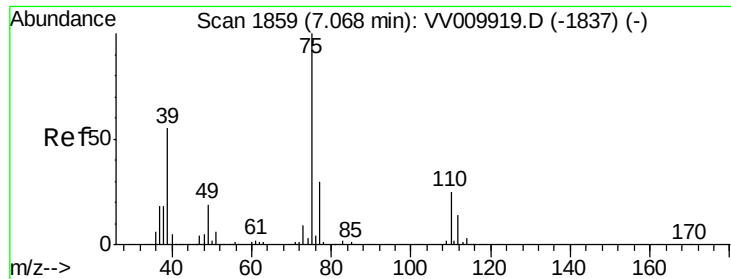
Tgt Ion: 62 Resp: 582
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.2 10.8#



#35
 Trichloroethene
 Concen: 1.646 ug/L
 RT: 5.66 min Scan# 1422
 Delta R.T. -0.29 min
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Tgt Ion: 95 Resp: 1982
 Ion Ratio Lower Upper
 95 100
 97 0.0 46.3 85.9#
 132 0.0 69.3 128.7#
 130 0.0 69.5 129.1#





#42
 cis-1,3-Dichloropropene
 Concen: 0.334 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.03 min
 Lab File: VV009925.D
 Acq: 27 Mar 2019 13:59

Instrument :
 MSVOA_V
 ClientSampleId :
 BF7X0

Tgt Ion: 75 Resp: 555
 Ion Ratio Lower Upper
 75 100
 77 26.8 21.8 40.6

