

Data File : VV009960.D
Acq On : 28 Mar 2019 12:11
Operator : SY/MD
Sample : VV0328SBL01
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK77

Quant Time: Mar 29 02:22:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 02:19:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	156485	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	153434	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	67387	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66300	20.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.52%
7) Chloroethane-d5	1.57	69	69551	20.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.12%
10) 1,1-Dichloroethene-d2	2.13	63	144776	16.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.68%
20) 2-Butanone-d5	3.93	46	27725	46.85	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.70%
24) Chloroform-d	4.49	84	316	0.08	ug/L	0.09
Spiked Amount	25.000	Range	40 - 150	Recovery	=	0.32%#
26) 1,2-Dichloroethane-d4	5.08	65	53442	22.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.08%
29) Benzene-d6	5.10	84	176517	21.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.64%
33) 1,2-Dichloropropane-d6	6.11	67	52412	22.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.92%
37) Toluene-d8	7.36	98	158269	20.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.00%
38) trans-1,3-Dichloropropene-	7.66	79	18484	19.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.68%
39) 2-Hexanone-d5	8.13	63	19200	43.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.26%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	47713	20.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.76%
61) 1,2-Dichlorobenzene-d4	11.67	152	54485	21.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.96%

Target Compounds

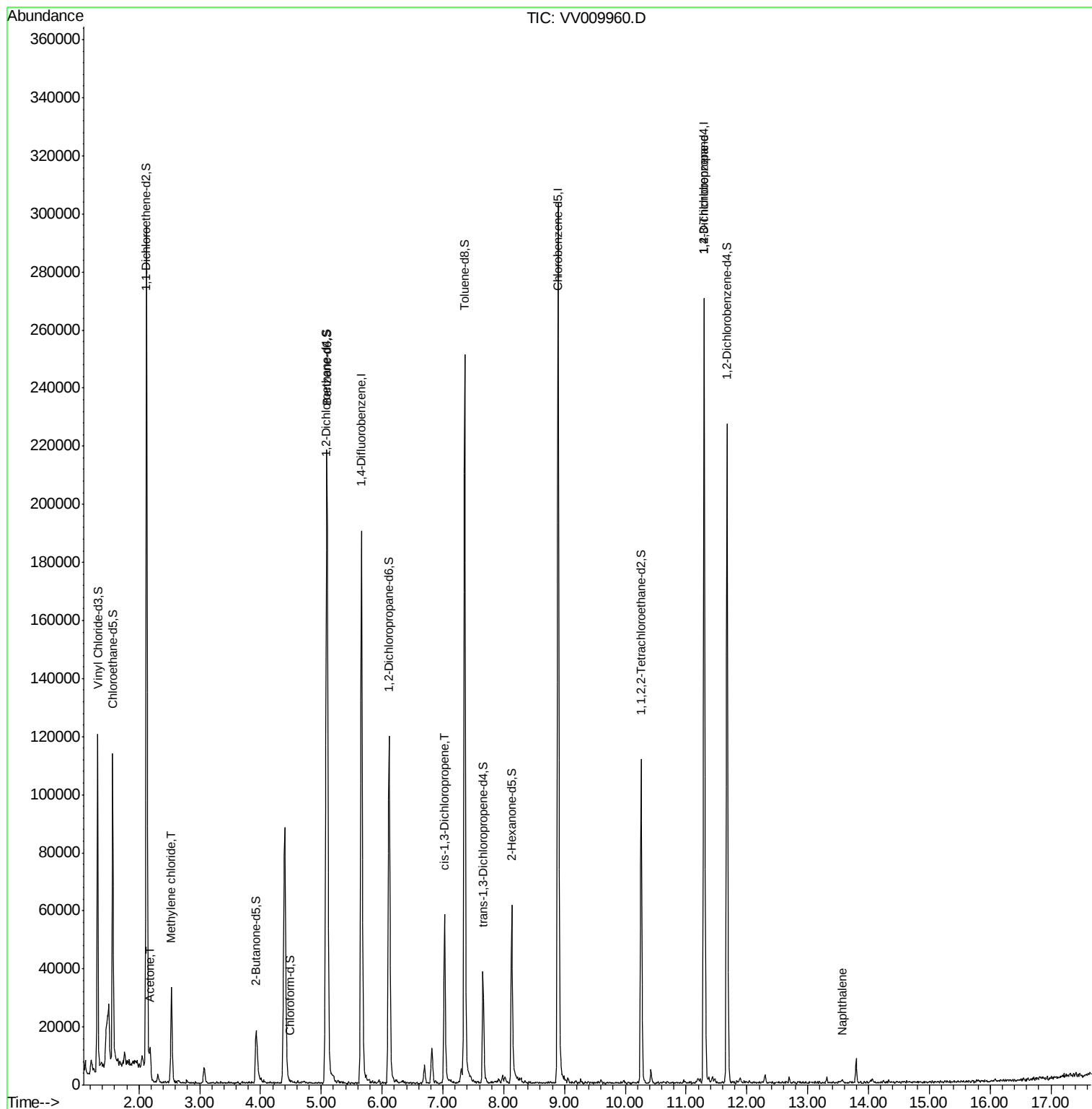
					Qvalue
13) Acetone	2.19	43	2662	2.971 ug/L	97
16) Methylene chloride	2.53	84	12451	4.832 ug/L	98
42) cis-1,3-Dichloropropene	7.03	75	1510	0.492 ug/L #	57
59) 1,2,3-Trichloropropane	11.30	75	10847	6.403 ug/L	94
69) Naphthalene	13.55	128	1393	0.384 ug/L #	87

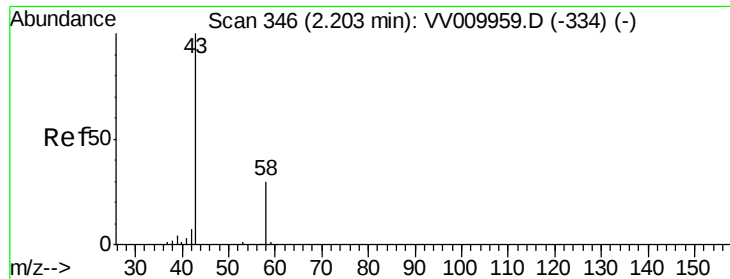
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.971 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.02 min

Lab File: VV009960.D

Acq: 28 Mar 2019 12:11

Instrument :

MSVOA_V

ClientSampled :

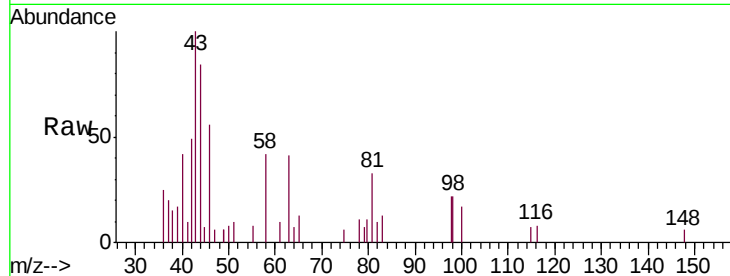
VBLK77

Tgt Ion: 43 Resp: 2662

Ion Ratio Lower Upper

43 100

58 31.1 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV009959.D (-334) (-)

Ion 58.00 (57.70 to 58.70): VV009959.D (-334) (-)

2.19

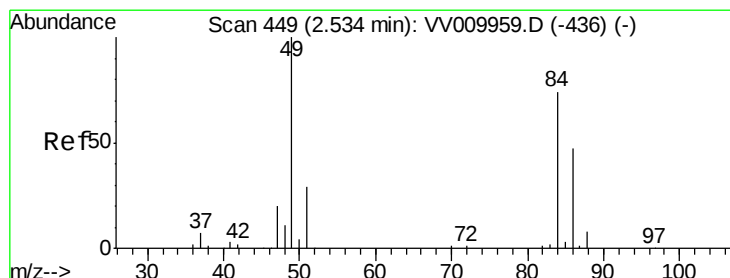
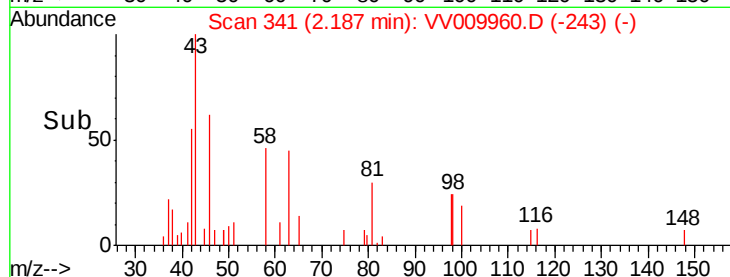
1500

1000

500

0

Time-->



#16

Methylene chloride

Concen: 4.832 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

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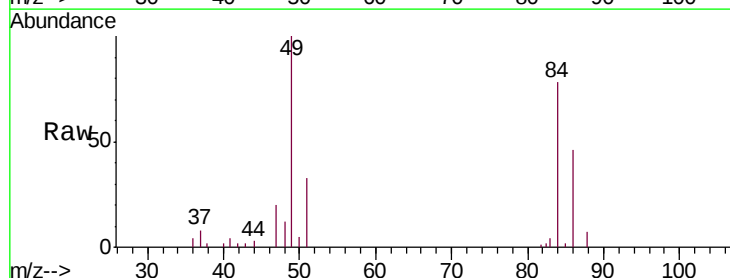
Tgt Ion: 84 Resp: 12451

Ion Ratio Lower Upper

84 100

49 128.2 90.4 167.8

86 58.8 44.0 81.6



Abundance Ion 84.00 (83.70 to 84.70): VV009959.D (-436) (-)

Ion 49.00 (48.70 to 49.70): VV009959.D (-436) (-)

Ion 86.00 (85.70 to 86.70): VV009959.D (-436) (-)

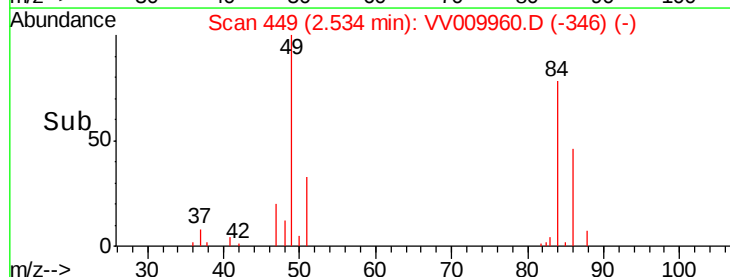
2.53

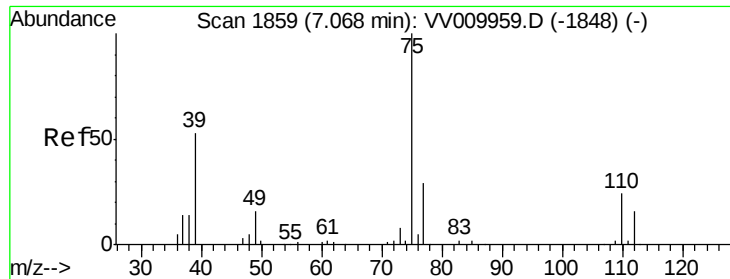
10000

5000

0

Time-->



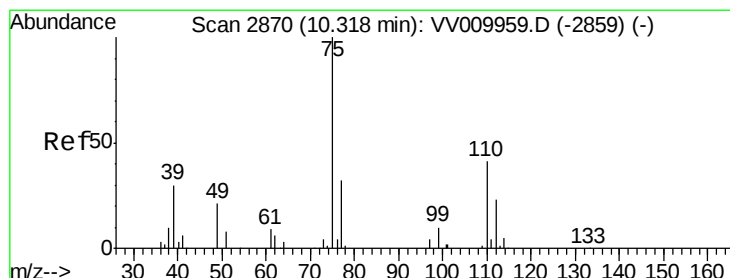
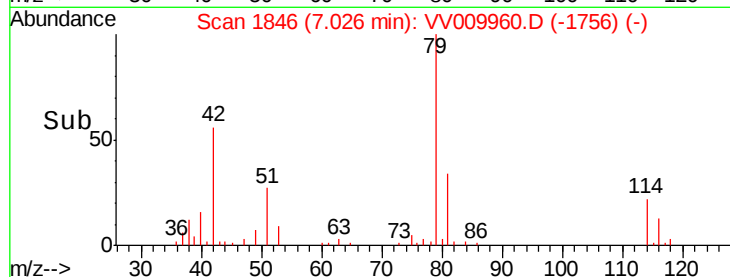
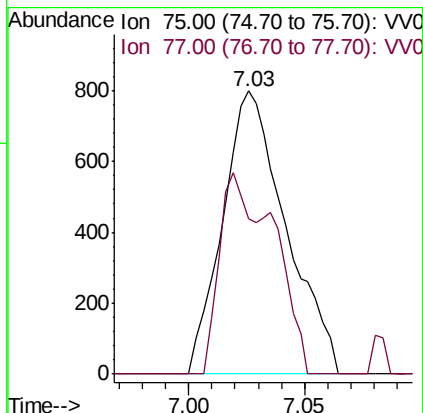
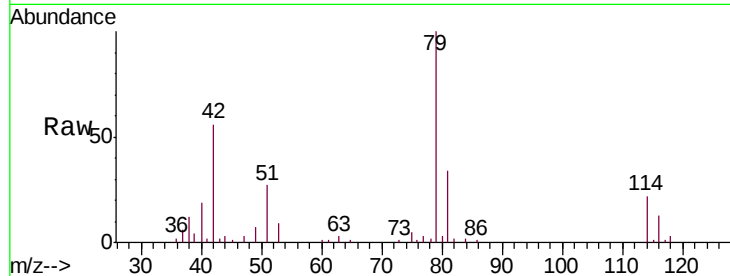


#42

cis-1,3-Dichloropropene
Concen: 0.492 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
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Instrument :
MSVOA_V
ClientSampled :
VBLK77

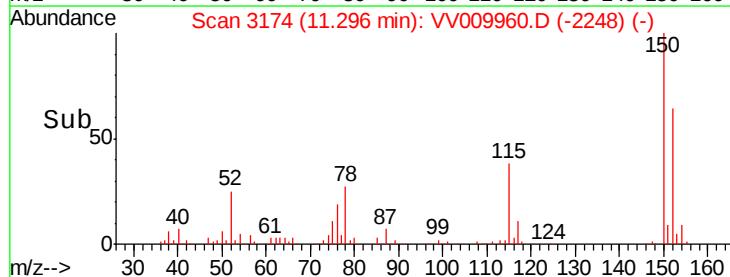
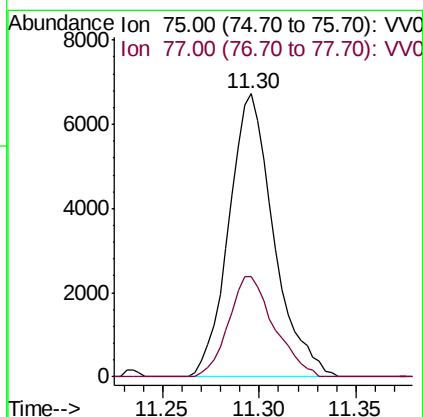
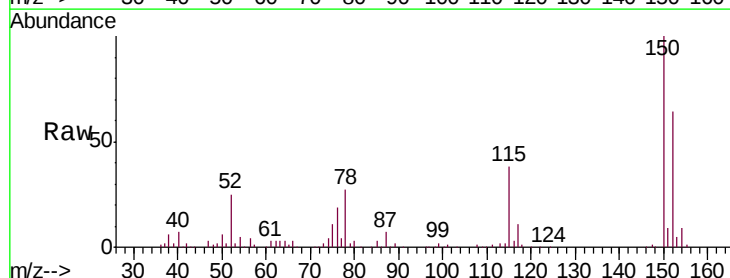
Tgt Ion: 75 Resp: 1510
Ion Ratio Lower Upper
75 100
77 54.9 21.8 40.6#

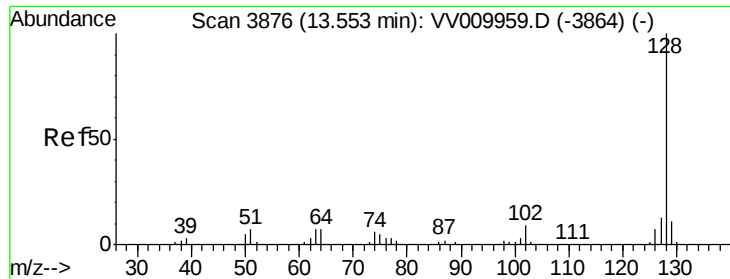


#59

1,2,3-Trichloropropane
Concen: 6.403 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV009960.D
Acq: 28 Mar 2019 12:11

Tgt Ion: 75 Resp: 10847
Ion Ratio Lower Upper
75 100
77 35.9 26.2 39.2





#69

Naphthalene

Concen: 0.384 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. -0.00 min

Lab File: VV009960.D

Acq: 28 Mar 2019 12:11

Instrument :

MSVOA_V

ClientSampleId :

VBLK77

Tgt Ion:128 Resp: 1393

Ion Ratio Lower Upper

128 100

129 5.1 8.8 13.2#

127 9.8 11.4 17.2#

