

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010819\
 Data File : VV009200.D
 Acq On : 08 Jan 2019 18:22
 Operator : SY/MD
 Sample : K1051-06
 Misc : 6.34 G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE9X4

Quant Time: Jan 09 00:51:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010819S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 09 00:40:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	216849	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	199925	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	100155	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	61304	30.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	123.48%
7) Chloroethane-d5	1.58	69	48111	27.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.68%
10) 1,1-Dichloroethene-d2	2.13	63	120622	22.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.96%
20) 2-Butanone-d5	3.96	46	53263	61.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.80%
24) Chloroform-d	4.40	84	138145	27.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.52%
26) 1,2-Dichloroethane-d4	5.08	65	81826	29.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.24%
29) Benzene-d6	5.10	84	292170	29.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.56%
33) 1,2-Dichloropropane-d6	6.12	67	82282	28.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.68%
37) Toluene-d8	7.36	98	268740	28.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.32%
38) trans-1,3-Dichloropropene-	7.67	79	39732	28.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	112.68%
39) 2-Hexanone-d5	8.14	63	33210	63.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.70%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	86018	30.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.20%#
61) 1,2-Dichlorobenzene-d4	11.68	152	105097	27.92	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.68%

Target Compounds

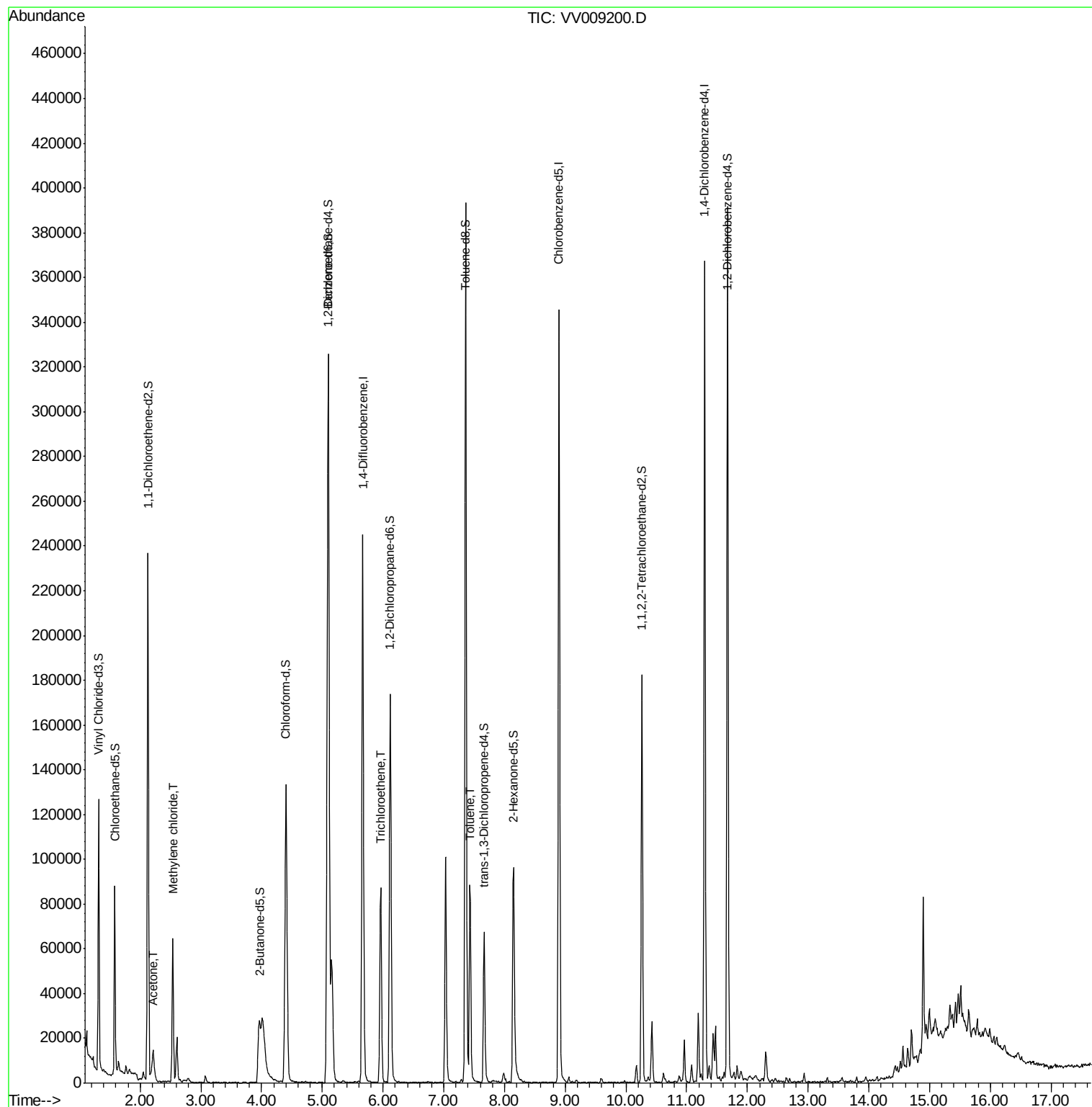
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.21	43	20805	16.203	ug/L	97
16) Methylene chloride	2.54	84	26944	8.596	ug/L	90
35) Trichloroethene	5.96	95	29829	9.928	ug/L	98
44) Toluene	7.43	91	63963	5.659	ug/L	98

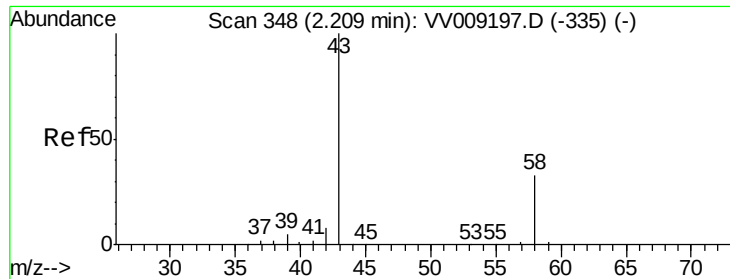
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 16.203 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.00 min

Lab File: VV009200.D

Acq: 08 Jan 2019 18:22

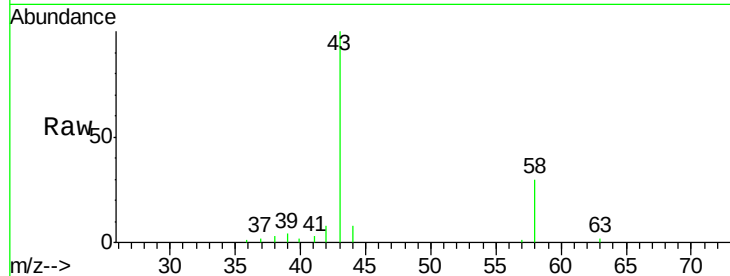
Instrument :
MSVOA_V
ClientSampled :
BE9X4

Tot Ion: 43 Resp: 20805

Ion Ratio Lower Upper

43 100

58 30.7 0.0 57.8



Abundance Ion 43.00 (42.70 to 43.70): VV009197.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VV009197.D (-335) (-)

2.21

10000

8000

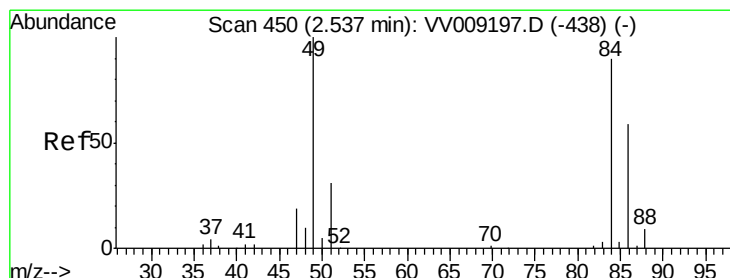
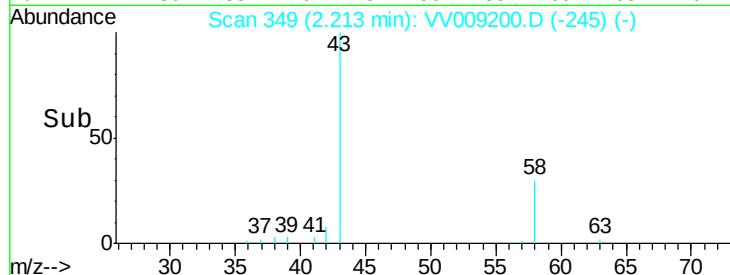
6000

4000

2000

0

Time-->



#16

Methylene chloride

Concen: 8.596 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009200.D

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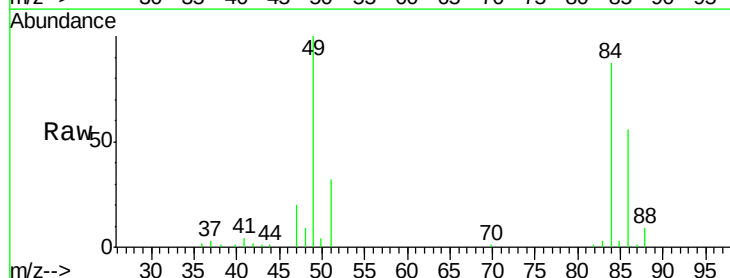
Tgt Ion: 84 Resp: 26944

Ion Ratio Lower Upper

84 100

49 114.9 92.0 170.9

86 64.9 44.9 83.3



Abundance Ion 84.00 (83.70 to 84.70): VV009197.D (-438) (-)

Ion 49.00 (48.70 to 49.70): VV009197.D (-438) (-)

Ion 86.00 (85.70 to 86.70): VV009197.D (-438) (-)

2.54

25000

20000

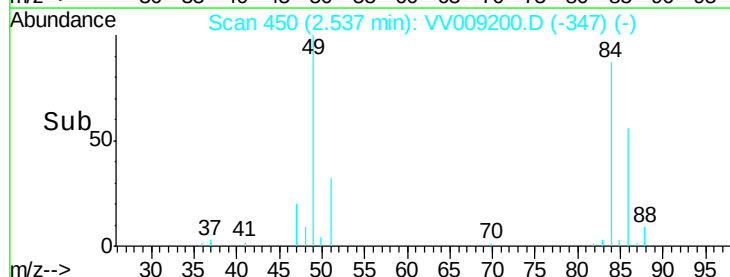
15000

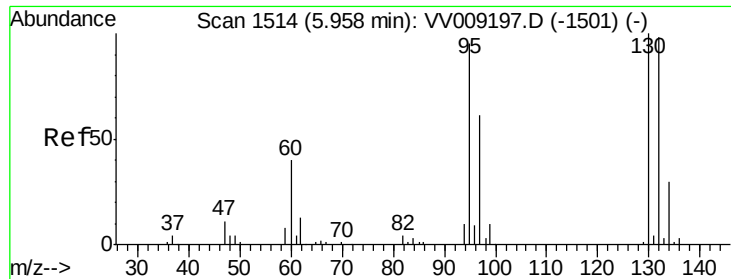
10000

5000

0

Time-->





#35

Trichloroethene

Concen: 9.928 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV009200.D

Acq: 08 Jan 2019 18:22

Instrument :

MSVOA_V

ClientSampleId :

BE9X4

Tot Ion: 95 Resp: 29829

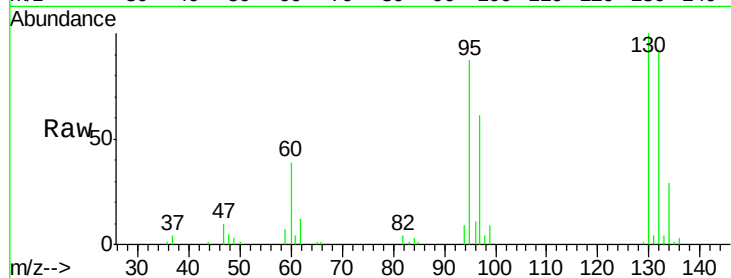
Ion Ratio Lower Upper

95 100

97 66.0 44.7 82.9

132 103.6 71.2 132.2

130 108.0 74.4 138.2

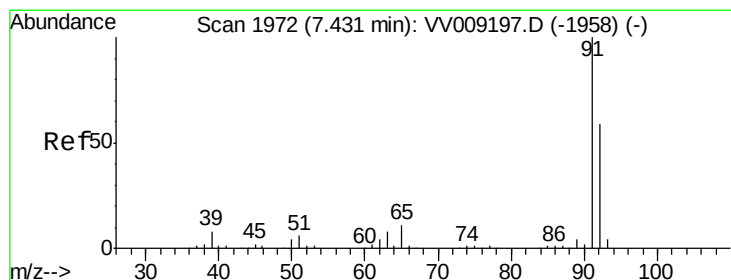
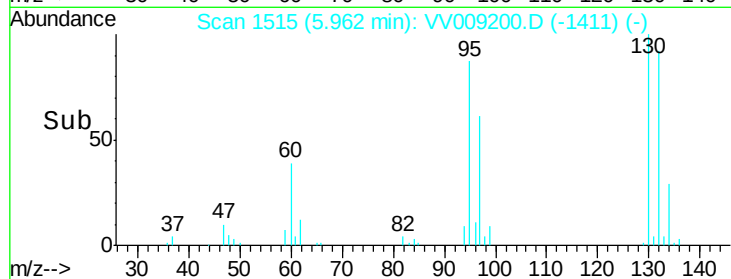
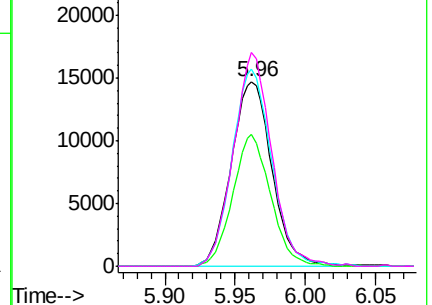


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#44

Toluene

Concen: 5.659 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV009200.D

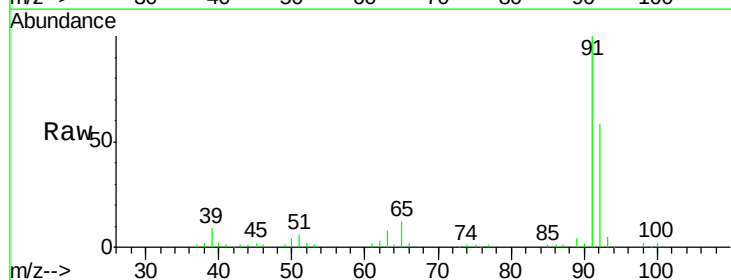
Acq: 08 Jan 2019 18:22

Tgt Ion: 91 Resp: 63963

Ion Ratio Lower Upper

91 100

92 58.0 41.8 77.6



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0

