

Data File : VV010887.D
Acq On : 15 May 2019 04:47
Operator : SY/MD
Sample : K2853-01
Misc : 6.31G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A5198

Quant Time: May 15 08:13:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 08:08:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	99516	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	103560	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41955	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	27717	21.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.44%
7) Chloroethane-d5	1.57	69	22791	27.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.32%
10) 1,1-Dichloroethene-d2	2.12	63	41549	17.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.28%
20) 2-Butanone-d5	3.93	46	25707	64.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.90%
24) Chloroform-d	4.39	84	66444	23.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.52%
26) 1,2-Dichloroethane-d4	5.08	65	42540	26.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.16%
29) Benzene-d6	5.09	84	130449	22.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.04%
33) 1,2-Dichloropropane-d6	6.11	67	44642	24.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.64%
37) Toluene-d8	7.36	98	112683	20.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.84%
38) trans-1,3-Dichloropropene-	7.66	79	15924	19.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.84%
39) 2-Hexanone-d5	8.13	63	19404	56.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.00%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	45073	26.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.28%
61) 1,2-Dichlorobenzene-d4	11.67	152	43261	24.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.76%

Target Compounds

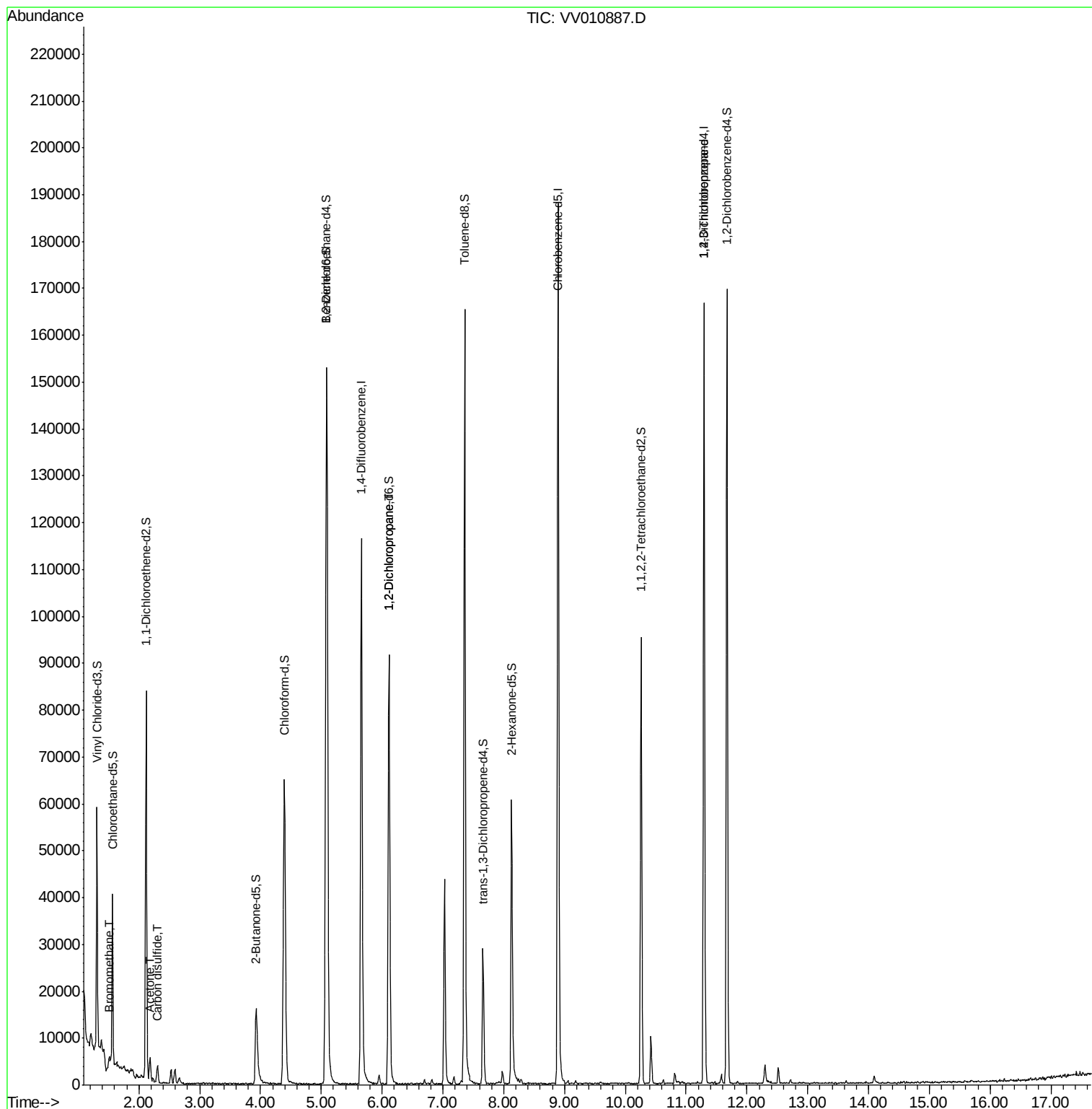
					Qvalue
6) Bromomethane	1.51	94	464	1.404 ug/L	94
13) Acetone	2.18	43	4054	9.978 ug/L	91
14) Carbon disulfide	2.31	76	2323	0.672 ug/L	96
40) 1,2-Dichloropropane	6.11	63	5019	3.053 ug/L #	88
59) 1,2,3-Trichloropropane	11.30	75	5541	4.374 ug/L	95

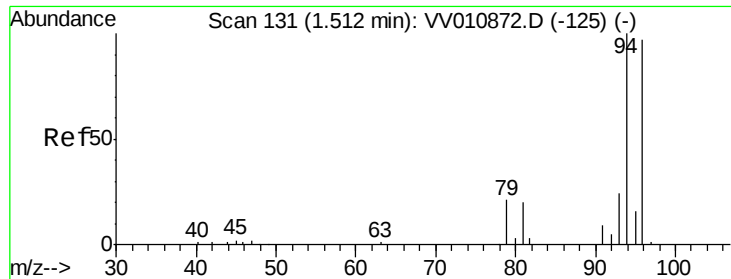
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 1.404 ug/L

RT: 1.51 min Scan# 131

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

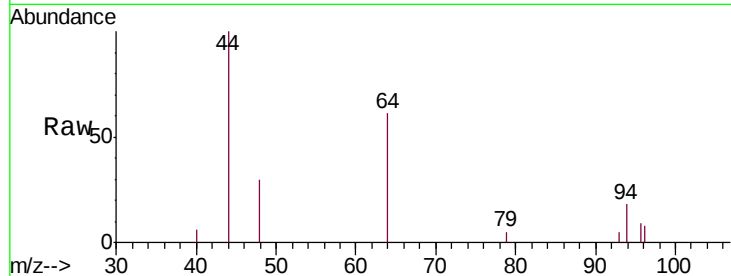
A5198

Tgt Ion: 94 Resp: 464

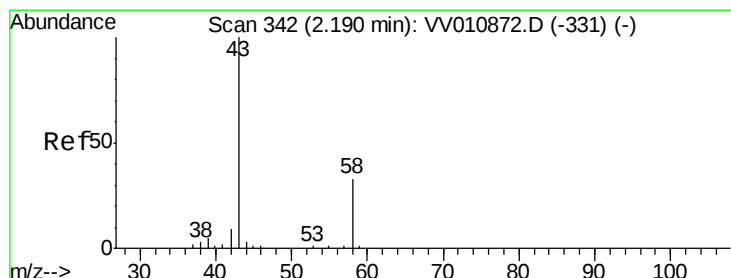
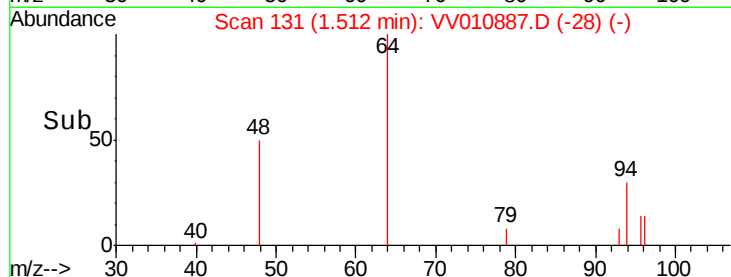
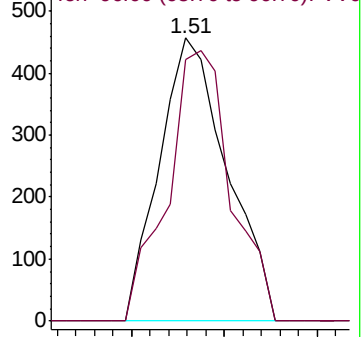
Ion Ratio Lower Upper

94 100

96 89.7 9.6 181.6



Abundance Ion 94.00 (93.70 to 94.70): VV010887.D (-125) (-)



#13

Acetone

Concen: 9.978 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

Lab File: VV010887.D

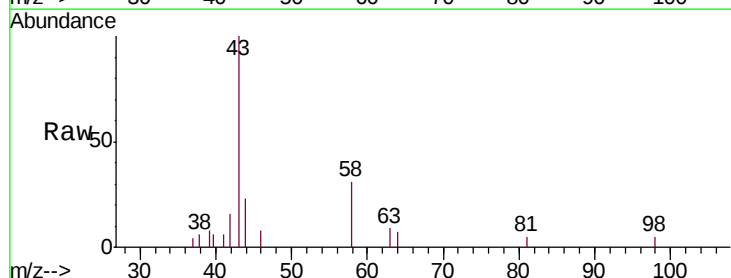
Acq: 15 May 2019 04:47

Tgt Ion: 43 Resp: 4054

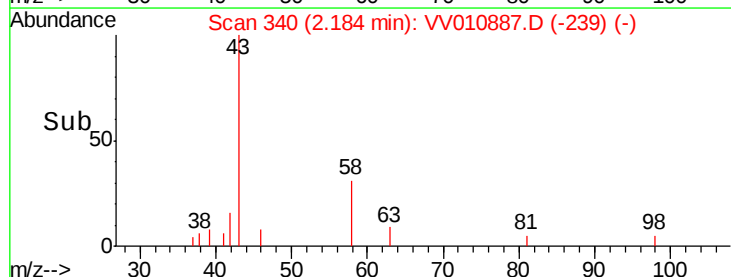
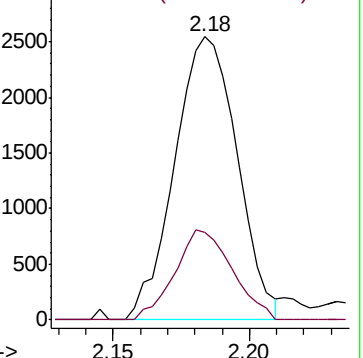
Ion Ratio Lower Upper

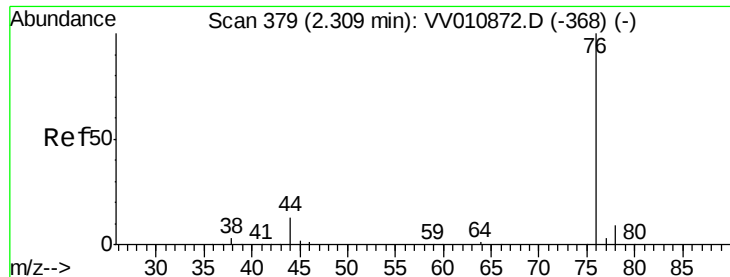
43 100

58 29.2 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VV010887.D (-331) (-)





#14

Carbon disulfide

Concen: 0.672 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

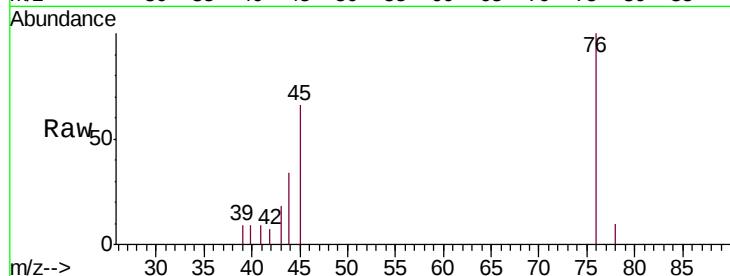
A5198

Tgt Ion: 76 Resp: 2323

Ion Ratio Lower Upper

76 100

78 10.3 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VV010887.D (-223) (-)

Ion 78.00 (77.70 to 78.70): VV010887.D (-223) (-)

2.31

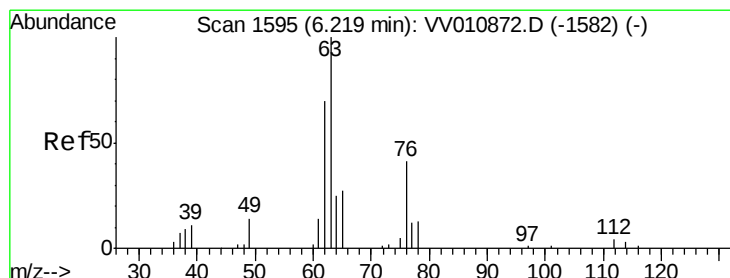
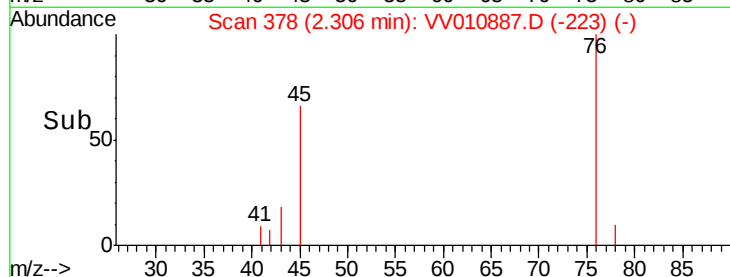
1500

1000

500

0

Time--> 2.25 2.30 2.35



#40

1,2-Dichloropropane

Concen: 3.053 ug/L

RT: 6.11 min Scan# 1561

Delta R.T. -0.11 min

Lab File: VV010887.D

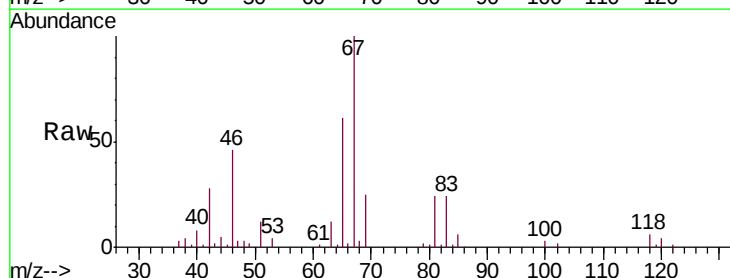
Acq: 15 May 2019 04:47

Tgt Ion: 63 Resp: 5019

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VV010887.D (-1492) (-)

Ion 112.00 (111.70 to 112.70): VV010887.D (-1492) (-)

6.11

3000

2500

2000

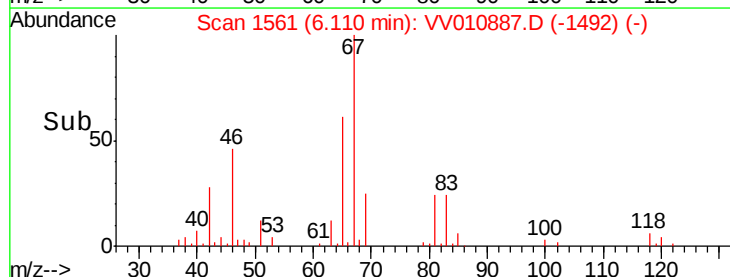
1500

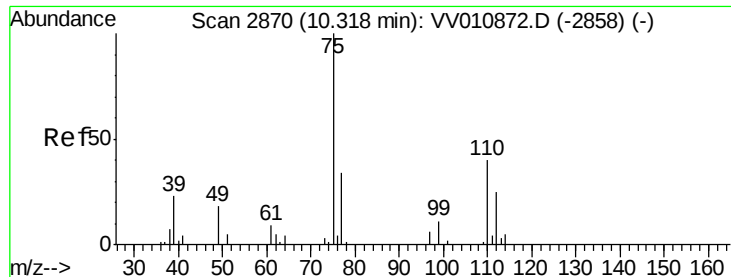
1000

500

0

Time--> 6.05 6.10 6.15





#59

1,2,3-Trichloropropane

Concen: 4.374 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010887.D

Acq: 15 May 2019 04:47

Instrument :

MSVOA_V

ClientSampleId :

A5198

Tgt Ion: 75 Resp: 5541

Ion Ratio Lower Upper

75 100

77 35.8 26.4 39.6

