

Data File : VV010827.D
Acq On : 10 May 2019 22:32
Operator : SY/MD
Sample : K2692-13
Misc : 5.54G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A5176

Quant Time: May 11 00:26:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 00:23:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	93092	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	90007	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	34380	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	26977	18.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.60%
7) Chloroethane-d5	1.56	69	26770	22.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.96%
10) 1,1-Dichloroethene-d2	2.12	63	44797	14.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.12%
20) 2-Butanone-d5	3.92	46	25152	57.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.92%
24) Chloroform-d	4.39	84	65650	25.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.48%
26) 1,2-Dichloroethane-d4	5.07	65	43722	27.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.32%
29) Benzene-d6	5.09	84	114329	24.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.52%
33) 1,2-Dichloropropane-d6	6.11	67	40742	26.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.96%
37) Toluene-d8	7.36	98	98171	21.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.56%
38) trans-1,3-Dichloropropene-	7.66	79	15874	23.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.28%
39) 2-Hexanone-d5	8.13	63	18590	58.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.70%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	38756	27.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.28%
61) 1,2-Dichlorobenzene-d4	11.67	152	36554	27.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.80%

Target Compounds

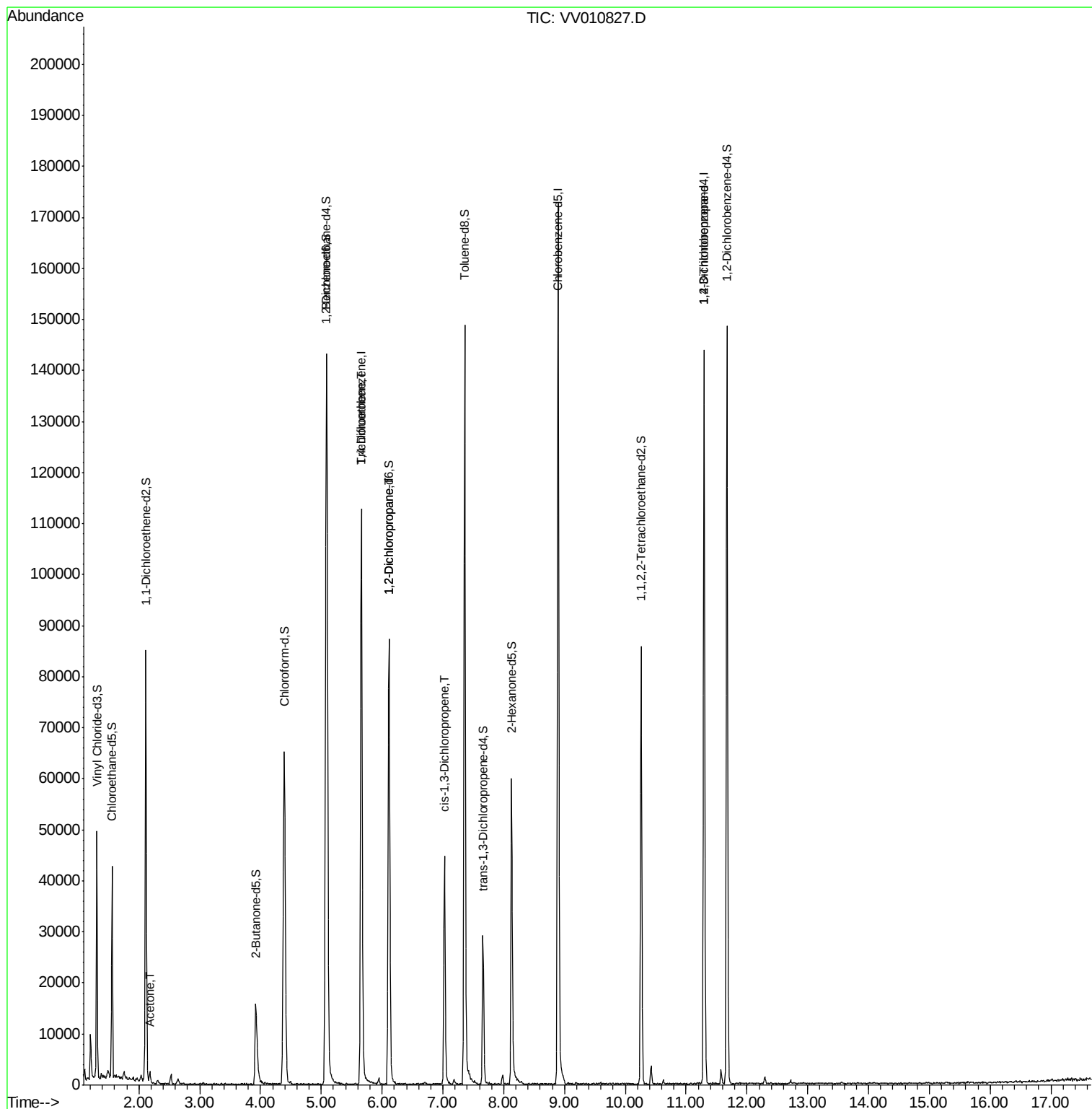
					Qvalue
13) Acetone	2.18	43	1857	2.764 ug/L	96
35) Trichloroethene	5.65	95	1156	0.781 ug/L #	7
40) 1,2-Dichloropropane	6.11	63	4764	3.389 ug/L #	87
42) cis-1,3-Dichloropropene	7.02	75	1227	0.552 ug/L #	78
59) 1,2,3-Trichloropropane	11.30	75	4955	4.197 ug/L #	83

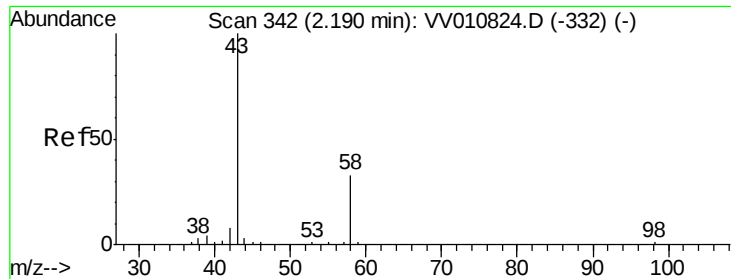
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.764 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.01 min

Lab File: VV010827.D

Acq: 10 May 2019 22:32

Instrument :

MSVOA_V

ClientSampled :

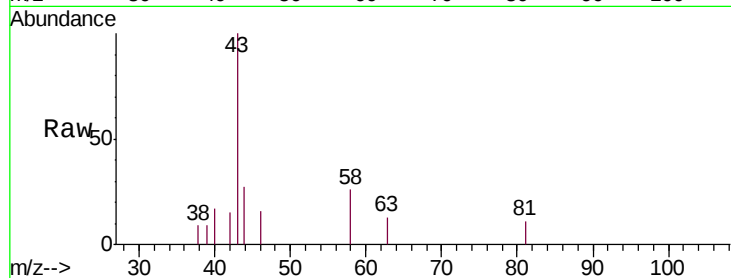
A5176

Tgt Ion: 43 Resp: 1857

Ion Ratio Lower Upper

43 100

58 29.6 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010824.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV010824.D (-332) (-)

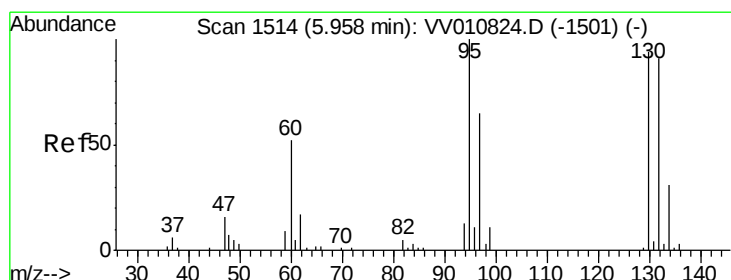
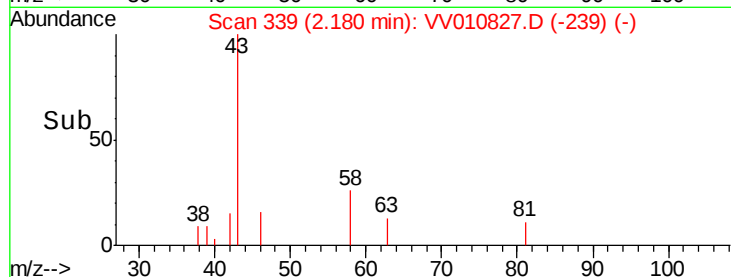
2.18

1000

500

0

Time-->



#35

Trichloroethene

Concen: 0.781 ug/L

RT: 5.65 min Scan# 1419

Delta R.T. -0.31 min

Lab File: VV010827.D

Acq: 10 May 2019 22:32

Tgt Ion: 95 Resp: 1156

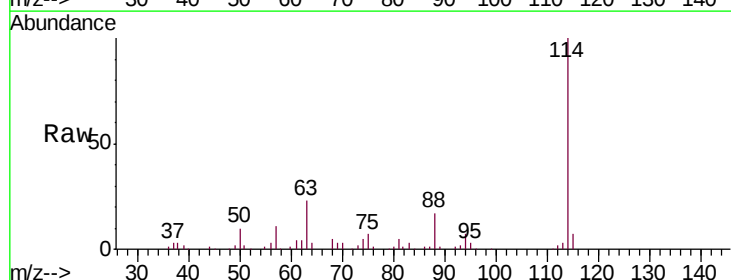
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 62.4 115.8#

130 0.0 68.5 127.3#



Abundance Ion 95.00 (94.70 to 95.70): VV010824.D (-1501) (-)

Ion 97.00 (96.70 to 97.70): VV010824.D (-1501) (-)

Ion 132.00 (131.70 to 132.70): VV010824.D (-1501) (-)

Ion 130.00 (129.70 to 130.70): VV010824.D (-1501) (-)

2000

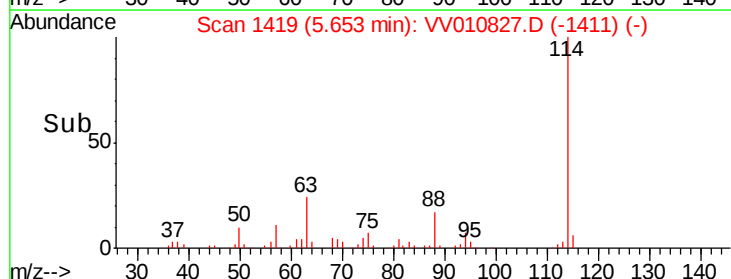
1500

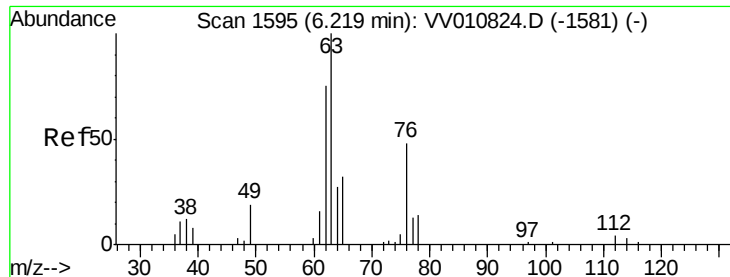
1000

500

0

Time-->

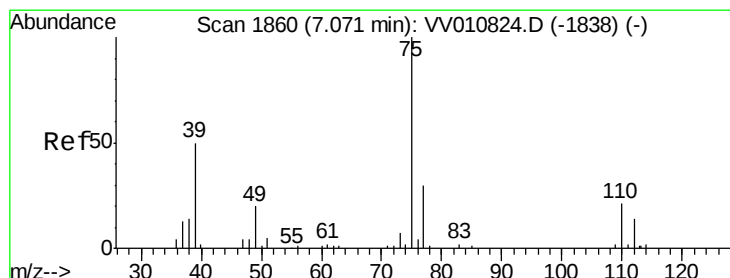
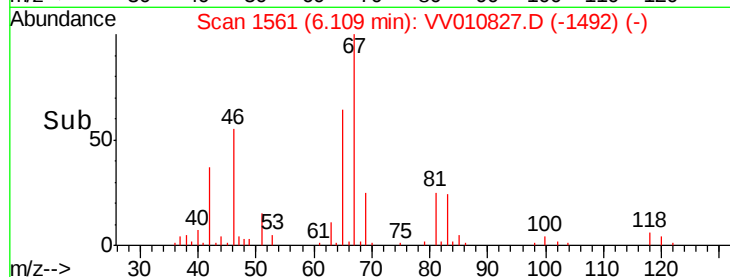
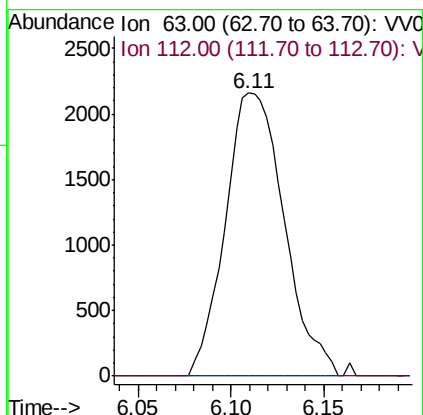
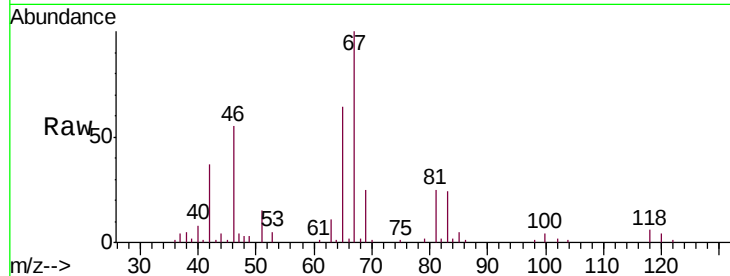




#40
 1,2-Dichloropropane
 Concen: 3.389 ug/L
 RT: 6.11 min Scan# 1561
 Delta R.T. -0.11 min
 Lab File: VV010827.D
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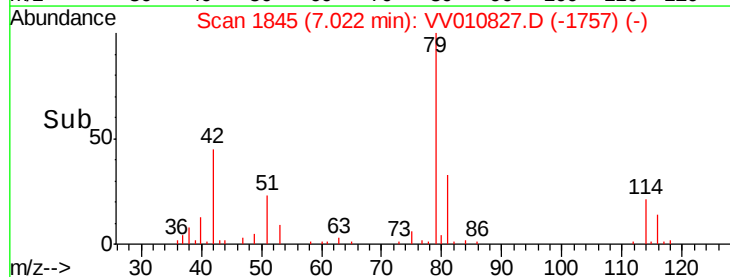
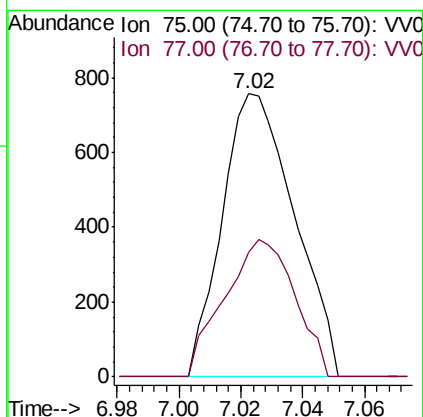
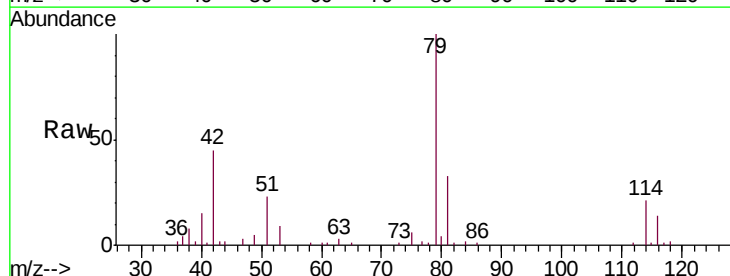
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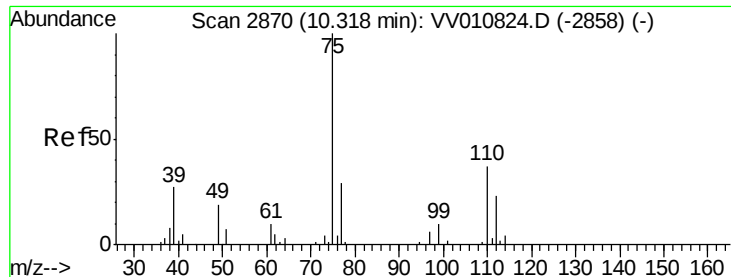
Tgt Ion: 63 Resp: 4764
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#42
 cis-1,3-Dichloropropene
 Concen: 0.552 ug/L
 RT: 7.02 min Scan# 1845
 Delta R.T. -0.05 min
 Lab File: VV010827.D
 Acq: 10 May 2019 22:32

Tgt Ion: 75 Resp: 1227
 Ion Ratio Lower Upper
 75 100
 77 44.0 22.3 41.3#





#59

1,2,3-Trichloropropane

Concen: 4.197 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010827.D

Acq: 10 May 2019 22:32

Instrument :

MSVOA_V

ClientSampleId :

A5176

Tgt Ion: 75 Resp: 4955

Ion Ratio Lower Upper

75 100

77 40.6 25.0 37.6#

