

Data File : VV010749.D
Acq On : 09 May 2019 04:25
Operator : SY/MD
Sample : K2692-05
Misc : 6.53G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A5174

Quant Time: May 09 04:46:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Thu May 09 04:43:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	108417	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	103573	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41648	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	31460	18.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.72%
7) Chloroethane-d5	1.56	69	30916	22.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.24%
10) 1,1-Dichloroethene-d2	2.11	63	43233	11.83	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.32%
20) 2-Butanone-d5	3.92	46	24665	48.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.60%
24) Chloroform-d	4.39	84	69290	23.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.76%
26) 1,2-Dichloroethane-d4	5.07	65	47505	25.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.92%
29) Benzene-d6	5.09	84	132157	24.24	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.96%
33) 1,2-Dichloropropane-d6	6.11	67	45245	26.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.20%
37) Toluene-d8	7.36	98	119822	22.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.80%
38) trans-1,3-Dichloropropene-	7.66	79	17885	22.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.32%
39) 2-Hexanone-d5	8.13	63	18729	51.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.04%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	40796	24.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.96%
61) 1,2-Dichlorobenzene-d4	11.67	152	39954	24.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.08%

Target Compounds

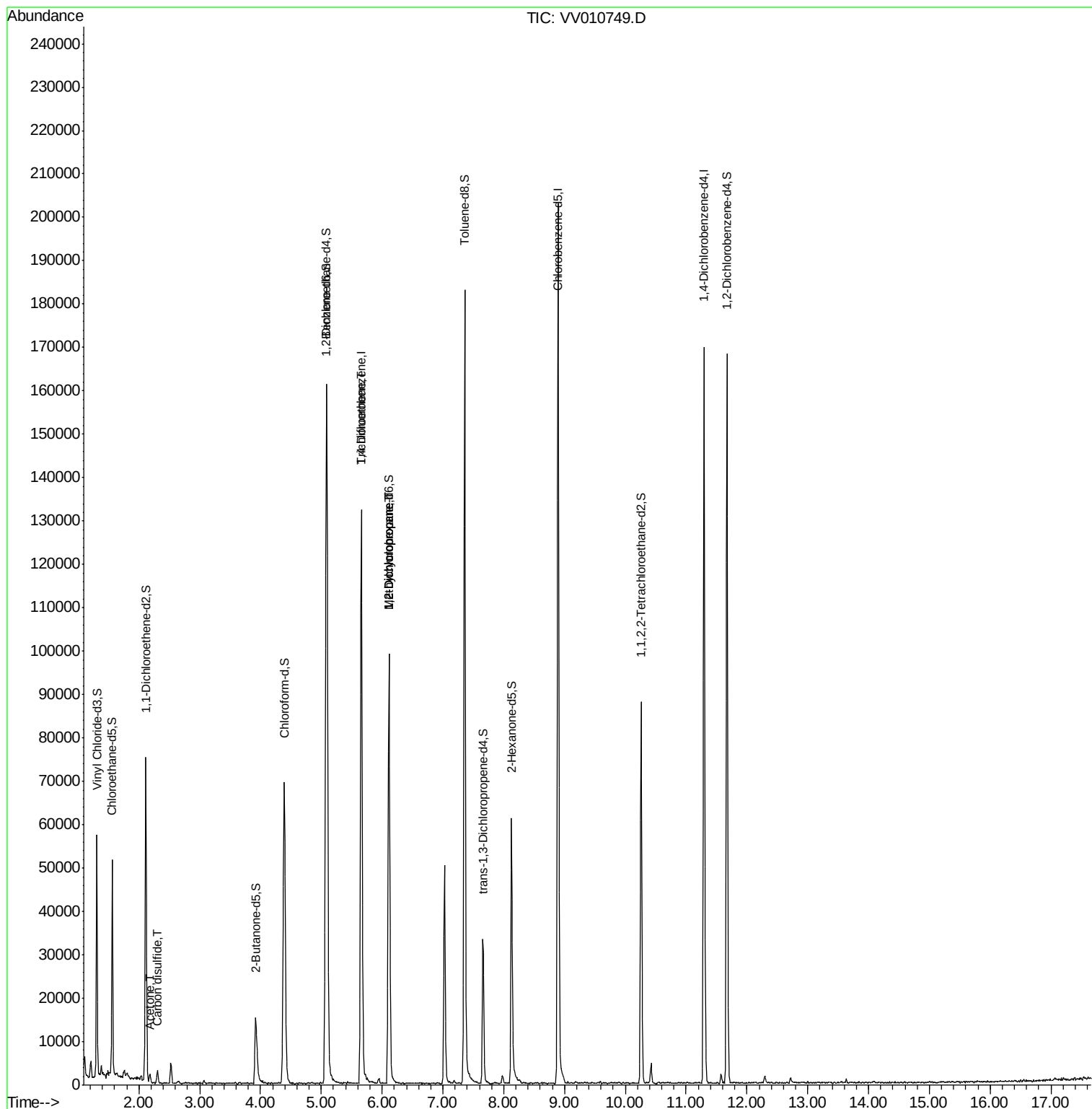
					Qvalue
13) Acetone	2.18	43	1614	2.063 ug/L	90
14) Carbon disulfide	2.31	76	3107	0.741 ug/L	98
35) Trichloroethene	5.66	95	3421	2.009 ug/L #	7
36) Methylcyclohexane	6.11	83	10797	3.956 ug/L #	17
40) 1,2-Dichloropropane	6.11	63	5161	3.191 ug/L #	87

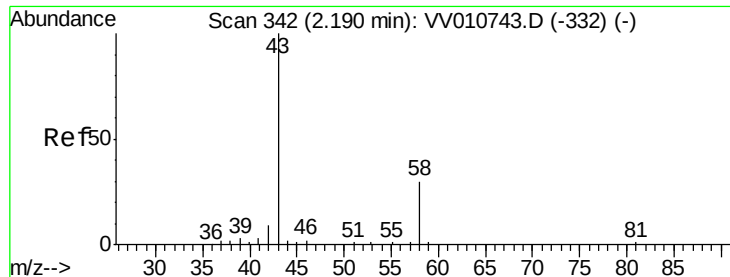
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.063 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.01 min

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Acq: 09 May 2019 04:25

Instrument :

MSVOA_V

ClientSampled :

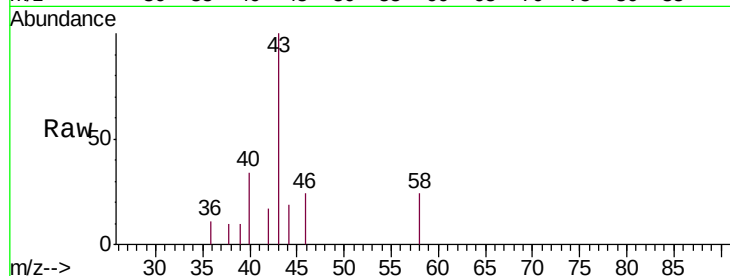
A5174

Tgt Ion: 43 Resp: 1614

Ion Ratio Lower Upper

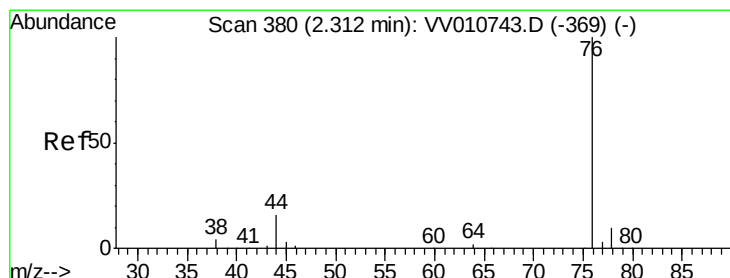
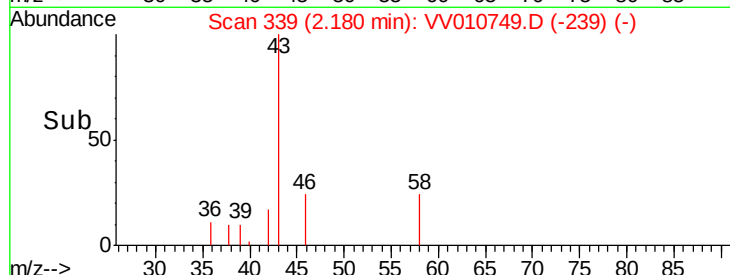
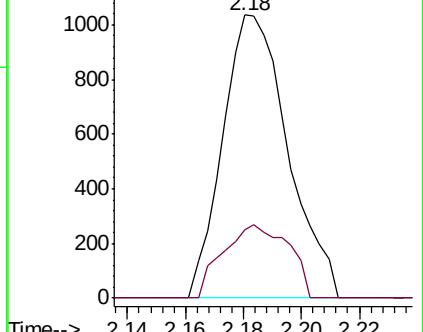
43 100

58 26.1 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010743.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV010743.D (-332) (-)



#14

Carbon disulfide

Concen: 0.741 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.01 min

Lab File: VV010749.D

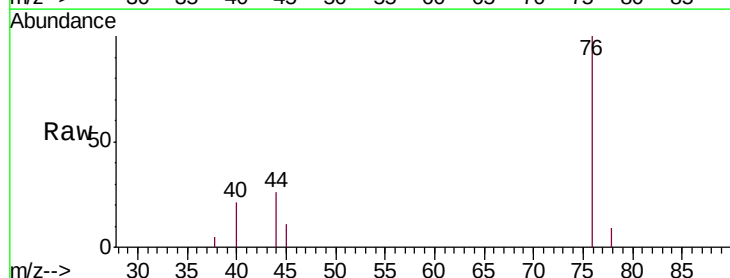
Acq: 09 May 2019 04:25

Tgt Ion: 76 Resp: 3107

Ion Ratio Lower Upper

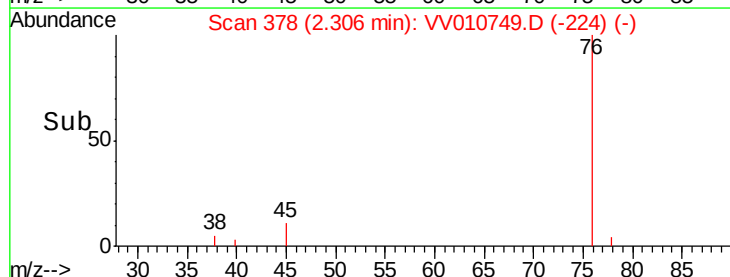
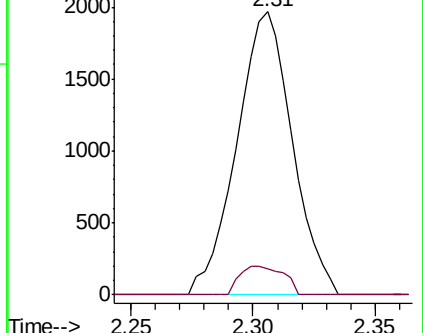
76 100

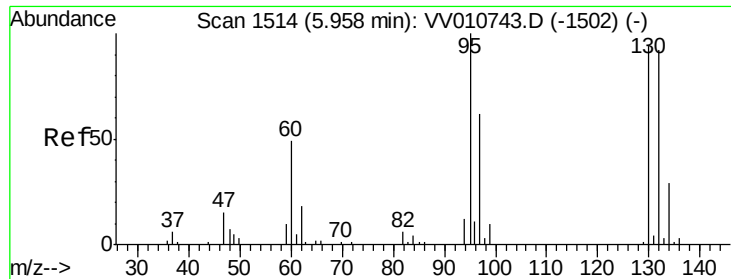
78 9.2 7.8 11.8



Abundance Ion 76.00 (75.70 to 76.70): VV010743.D (-369) (-)

Ion 78.00 (77.70 to 78.70): VV010743.D (-369) (-)





#35

Trichloroethene

Concen: 2.009 ug/L

RT: 5.66 min Scan# 1421

Delta R.T. -0.30 min

Lab File: VV010749.D

Acq: 09 May 2019 04:25

Instrument :

MSVOA_V

ClientSampleId :

A5174

Tgt Ion: 95 Resp: 3421

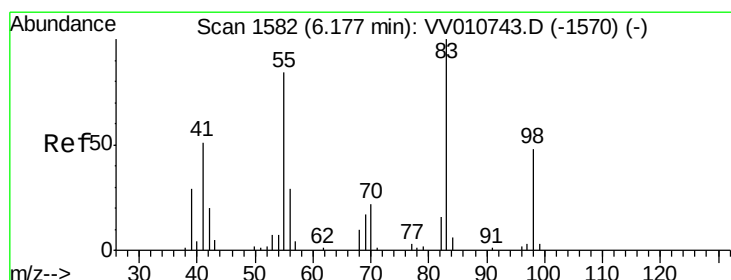
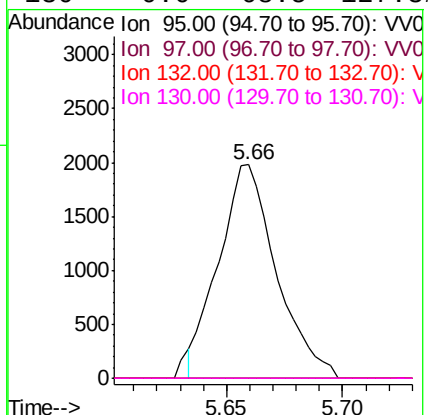
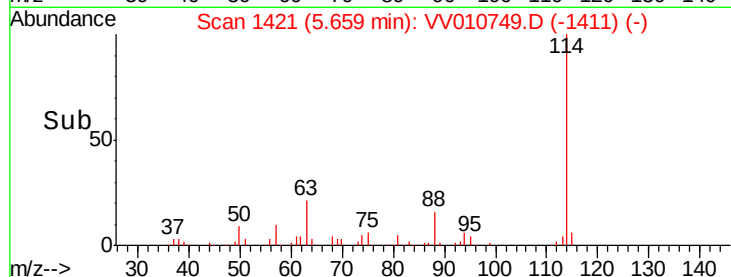
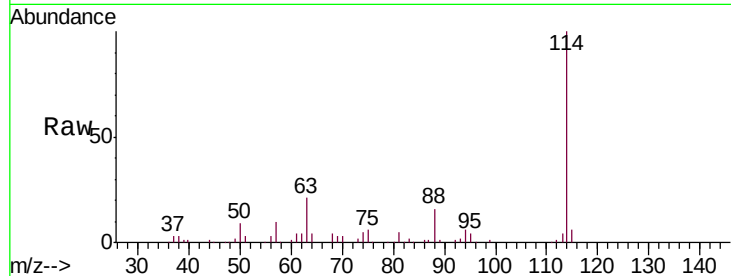
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 62.4 115.8#

130 0.0 68.5 127.3#



#36

Methylcyclohexane

Concen: 3.956 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV010749.D

Acq: 09 May 2019 04:25

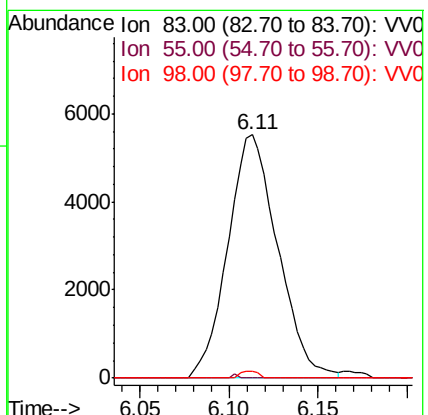
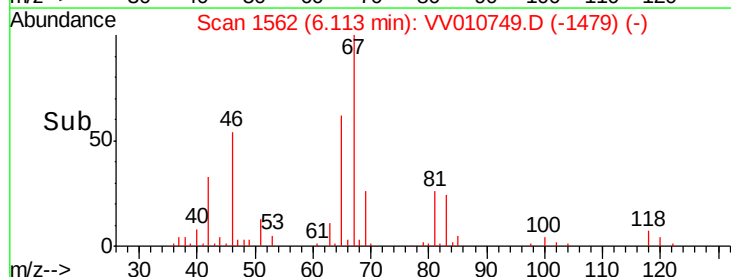
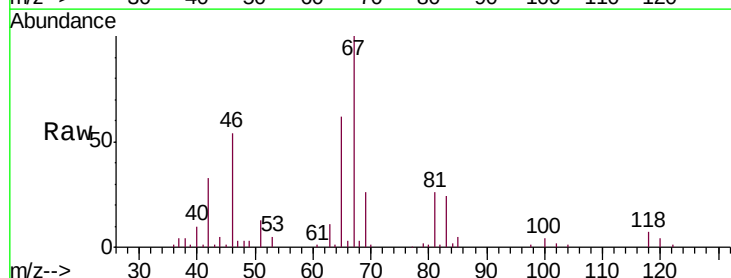
Tgt Ion: 83 Resp: 10797

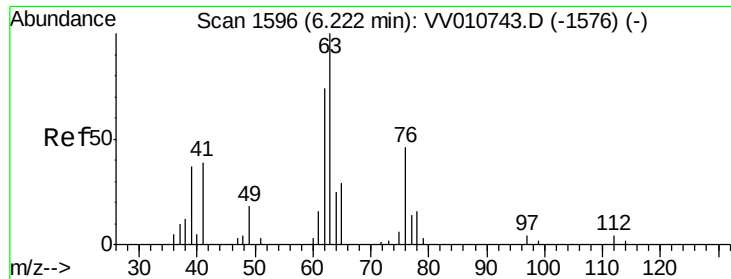
Ion Ratio Lower Upper

83 100

55 0.0 64.6 96.8#

98 1.0 37.7 56.5#





#40
 1,2-Dichloropropane
 Concen: 3.191 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV010749.D
 Acq: 09 May 2019 04:25

Instrument :
 MSVOA_V
 ClientSampleId :
 A5174

Tgt Ion: 63 Resp: 5161
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#

