

Data File : VV010395.D
Acq On : 19 Apr 2019 20:54
Operator : SY/MD
Sample : K2456-11
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAHP9

Quant Time: Apr 20 04:38:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 20 04:30:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	330287	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	315859	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	157705	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	78191	18.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.56%
7) Chloroethane-d5	1.58	69	73781	20.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.76%
10) 1,1-Dichloroethene-d2	2.13	63	128543	12.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.80%
20) 2-Butanone-d5	3.94	46	42642	32.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.30%
24) Chloroform-d	4.40	84	177557	20.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.80%
26) 1,2-Dichloroethane-d4	5.08	65	109835	21.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.72%
29) Benzene-d6	5.10	84	328596	20.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.28%
33) 1,2-Dichloropropane-d6	6.12	67	97673	20.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.56%
37) Toluene-d8	7.36	98	312600	20.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.44%
38) trans-1,3-Dichloropropene-	7.66	79	40498	17.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.60%
39) 2-Hexanone-d5	8.13	63	31562	29.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.92%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	82039	17.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	69.36%
61) 1,2-Dichlorobenzene-d4	11.67	152	133719	21.57	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.28%

Target Compounds

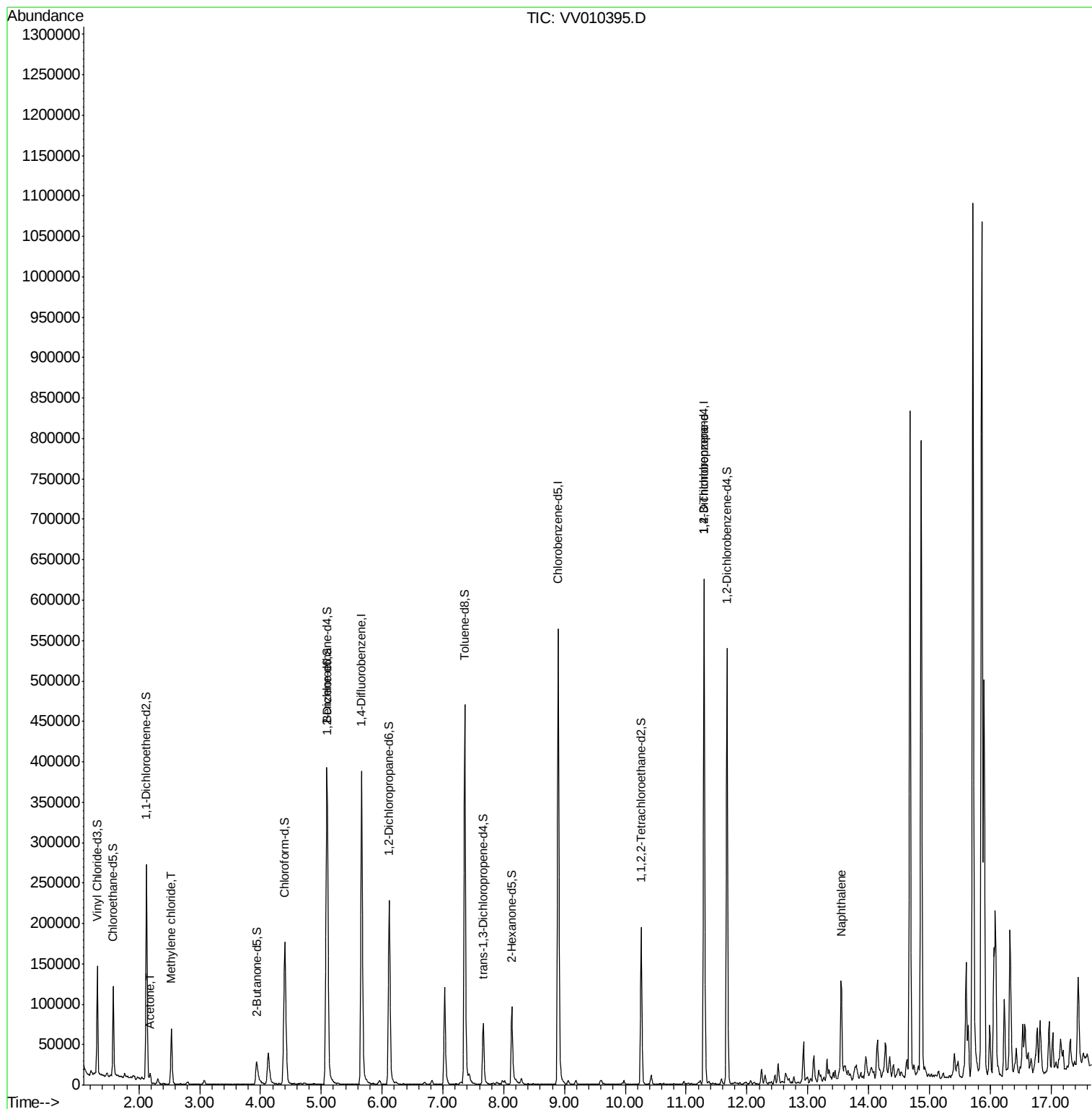
					Qvalue
13) Acetone	2.19	43	4581	3.323 ug/L	99
16) Methylene chloride	2.53	84	29034	5.504 ug/L	93
59) 1,2,3-Trichloropropane	11.30	75	19484	5.843 ug/L	89
69) Naphthalene	13.55	128	92779	7.859 ug/L	98

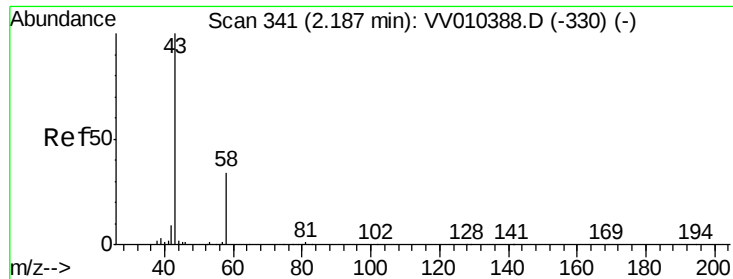
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.323 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

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Acq: 19 Apr 2019 20:54

Instrument :

MSVOA_V

ClientSampleId :

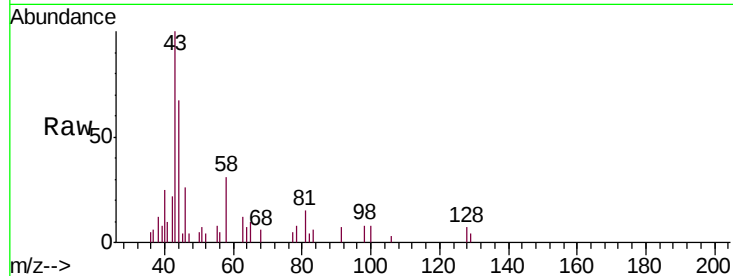
GAHP9

Tgt Ion: 43 Resp: 4581

Ion Ratio Lower Upper

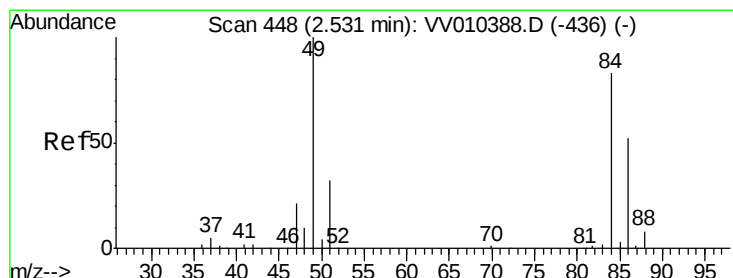
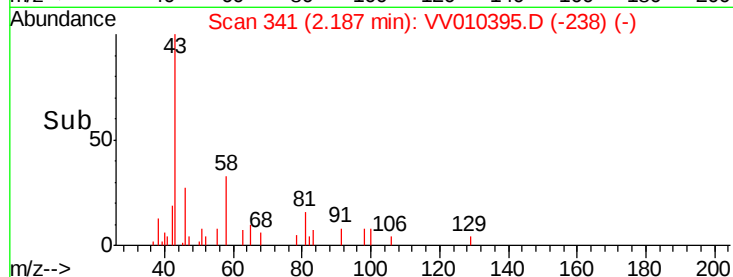
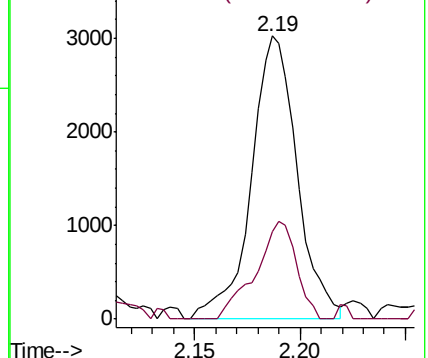
43 100

58 30.6 0.0 60.0



Abundance Ion 43.00 (42.70 to 43.70): VV010388.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV010388.D (-330) (-)



#16

Methylene chloride

Concen: 5.504 ug/L

RT: 2.53 min Scan# 448

Delta R.T. 0.00 min

Lab File: VV010395.D

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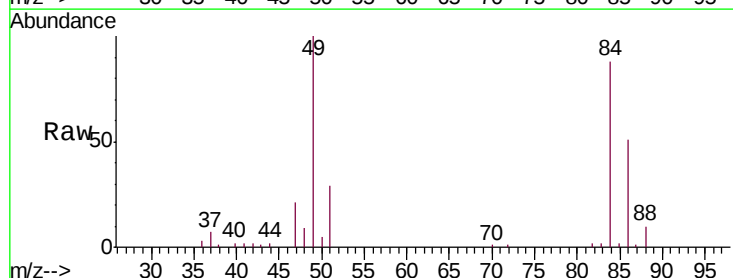
Tgt Ion: 84 Resp: 29034

Ion Ratio Lower Upper

84 100

49 113.0 83.8 155.6

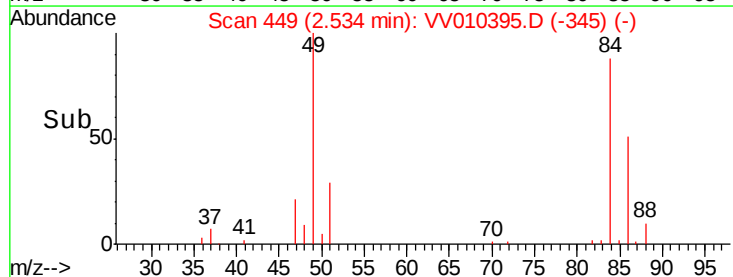
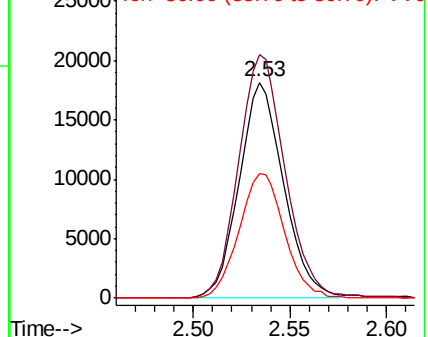
86 58.0 46.1 85.5

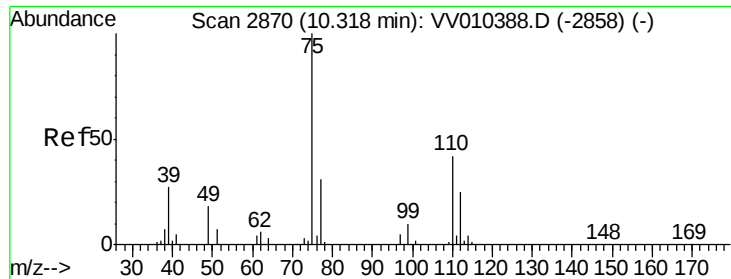


Abundance Ion 84.00 (83.70 to 84.70): VV010388.D (-436) (-)

Ion 49.00 (48.70 to 49.70): VV010388.D (-436) (-)

Ion 86.00 (85.70 to 86.70): VV010388.D (-436) (-)

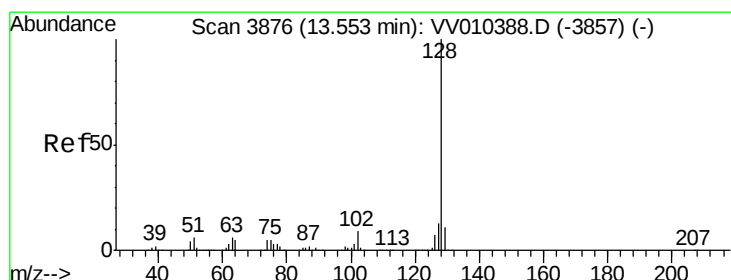
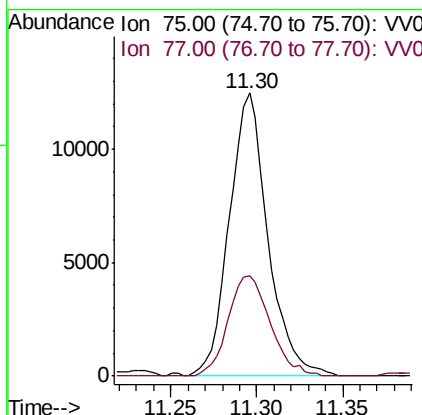
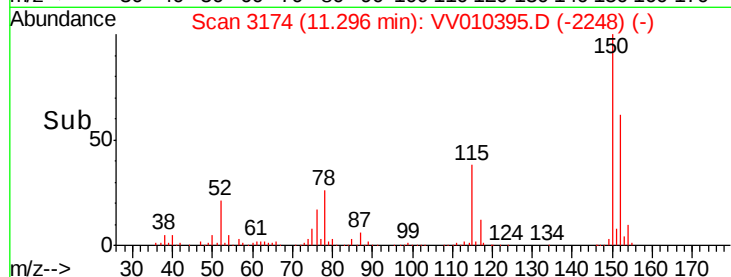
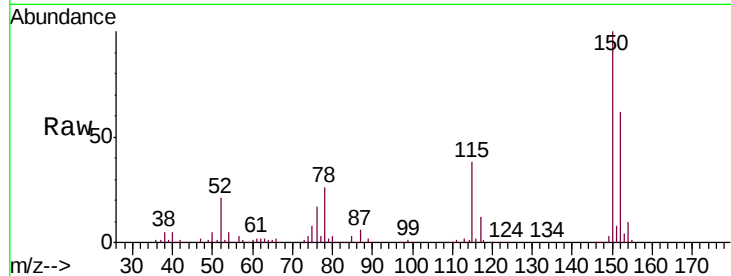




#59
 1,2,3-Trichloropropane
 Concen: 5.843 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
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Instrument :
 MSVOA_V
 ClientSampled :
 GAHP9

Tgt Ion: 75 Resp: 19484
 Ion Ratio Lower Upper
 75 100
 77 38.6 25.8 38.8



#69
 Naphthalene
 Concen: 7.859 ug/L
 RT: 13.55 min Scan# 3876
 Delta R.T. 0.00 min
 Lab File: VV010395.D
 Acq: 19 Apr 2019 20:54

Tgt Ion: 128 Resp: 92779
 Ion Ratio Lower Upper
 128 100
 129 12.1 8.7 13.1
 127 13.7 10.7 16.1

