

Data File : VV010878.D
Acq On : 15 May 2019 00:38
Operator : SY/MD
Sample : K2798-02
Misc : 4.83G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB874

Quant Time: May 15 08:12:13 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	157002	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	146909	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	58901	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	43289	21.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.56%
7) Chloroethane-d5	1.56	69	33803	25.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.72%
10) 1,1-Dichloroethene-d2	2.12	63	65736	17.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.48%
20) 2-Butanone-d5	3.93	46	29883	47.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.98%
24) Chloroform-d	4.39	84	68726	15.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	60.64%
26) 1,2-Dichloroethane-d4	5.07	65	57652	22.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.48%
29) Benzene-d6	5.09	84	196965	24.22	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.88%
33) 1,2-Dichloropropane-d6	6.11	67	64707	24.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.76%
37) Toluene-d8	7.36	98	170579	21.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.32%
38) trans-1,3-Dichloropropene-	7.66	79	22094	19.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.08%
39) 2-Hexanone-d5	8.13	63	21327	43.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.76%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	49923	20.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.00%
61) 1,2-Dichlorobenzene-d4	11.67	152	56470	22.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.80%

Target Compounds

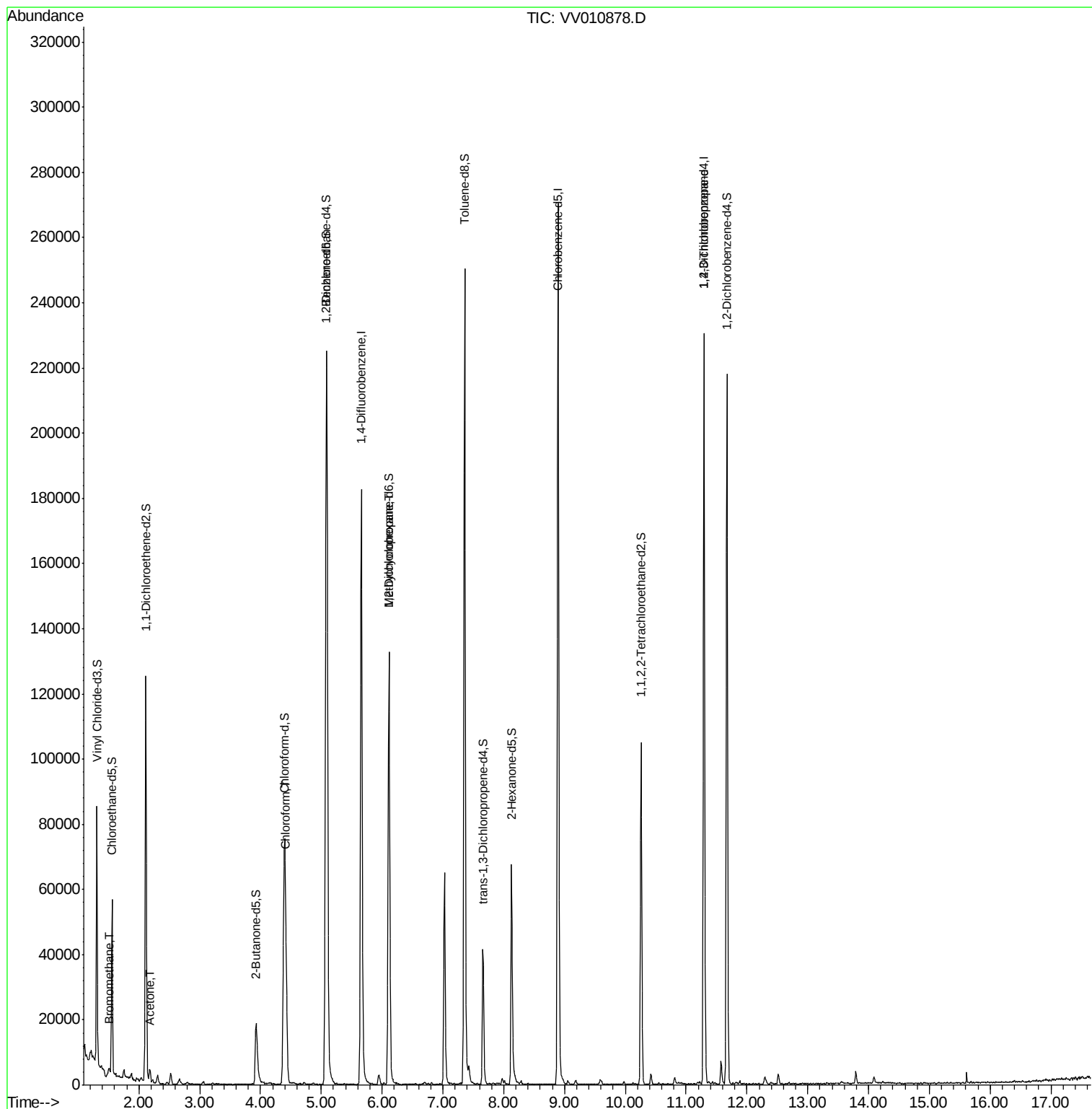
					Qvalue
6) Bromomethane	1.51	94	582	1.116 ug/L	80
13) Acetone	2.18	43	2945	4.594 ug/L	94
25) Chloroform	4.42	83	31640	6.990 ug/L	98
36) Methylcyclohexane	6.11	83	15070	4.880 ug/L #	19
59) 1,2,3-Trichloropropane	11.29	75	7918	4.406 ug/L	96

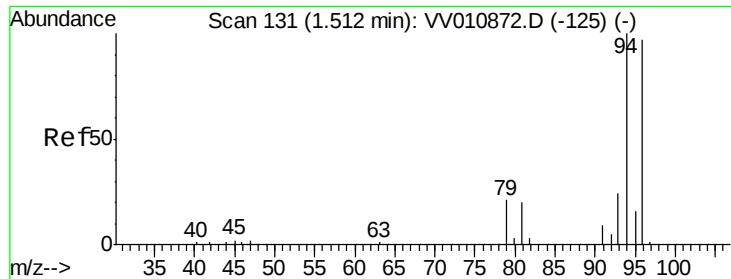
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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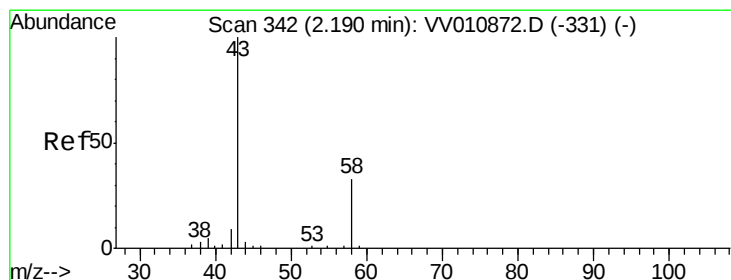
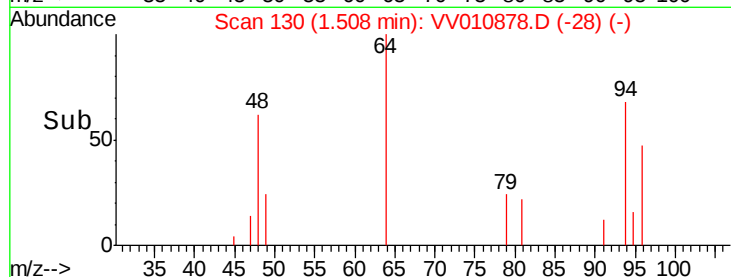
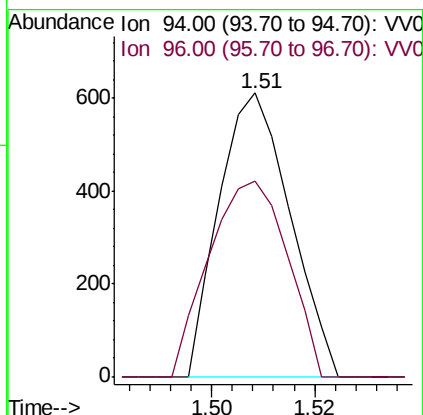
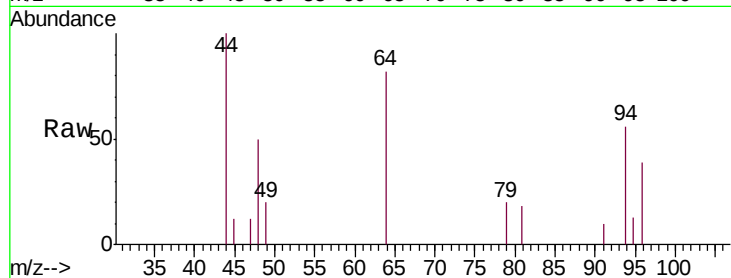




#6
Bromomethane
Concen: 1.116 ug/L
RT: 1.51 min Scan# 130
Delta R.T. -0.00 min
Lab File: VV010878.D
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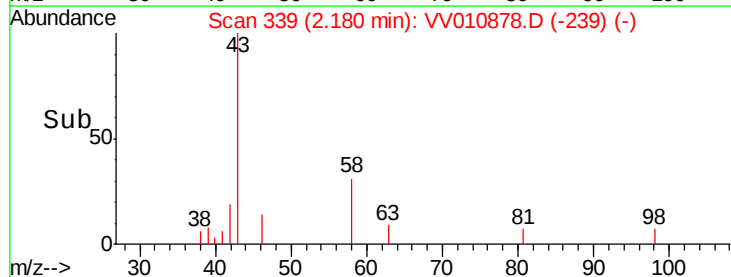
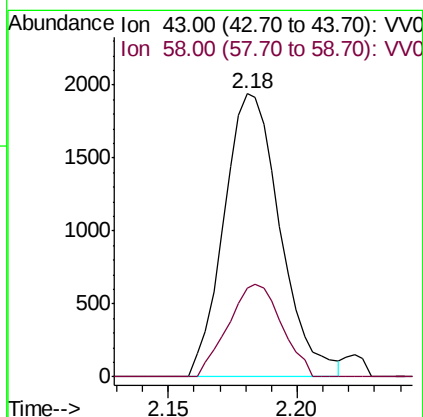
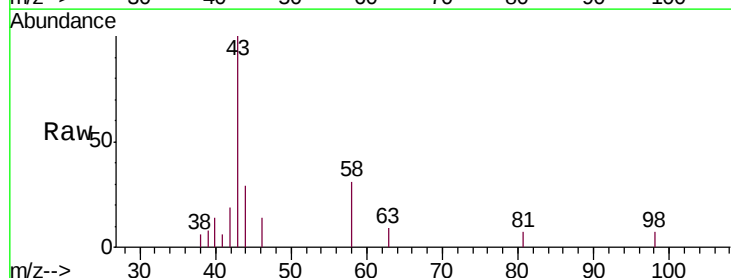
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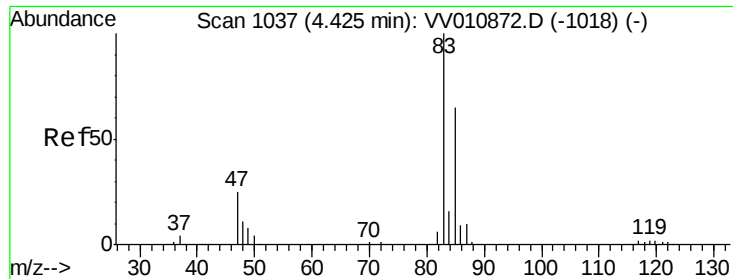
Tgt Ion: 94 Resp: 582
Ion Ratio Lower Upper
94 100
96 76.1 9.6 181.6



#13
Acetone
Concen: 4.594 ug/L
RT: 2.18 min Scan# 339
Delta R.T. -0.01 min
Lab File: VV010878.D
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Tgt Ion: 43 Resp: 2945
Ion Ratio Lower Upper
43 100
58 31.1 0.0 69.2

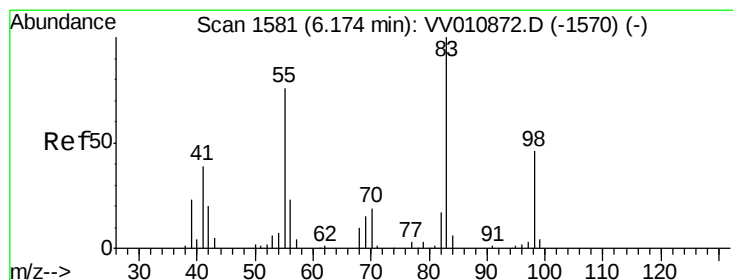
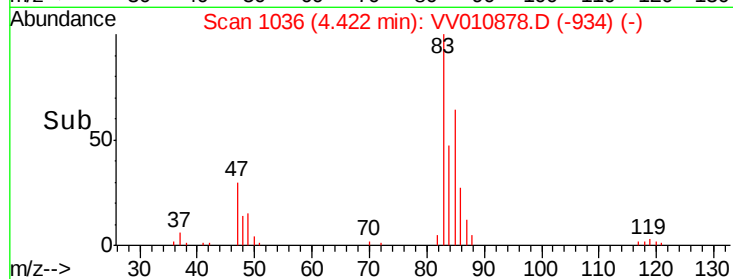
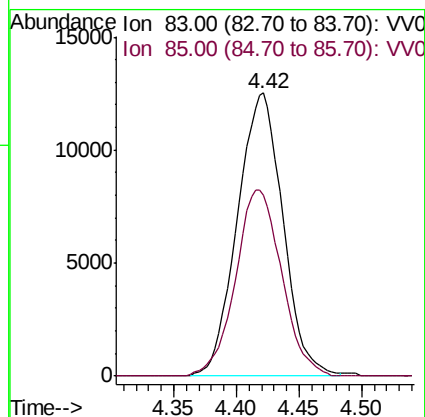
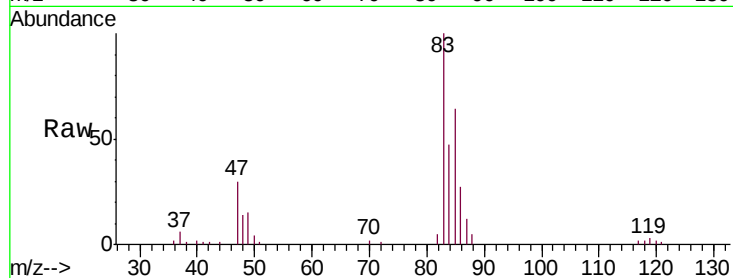




#25
Chloroform
Concen: 6.990 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
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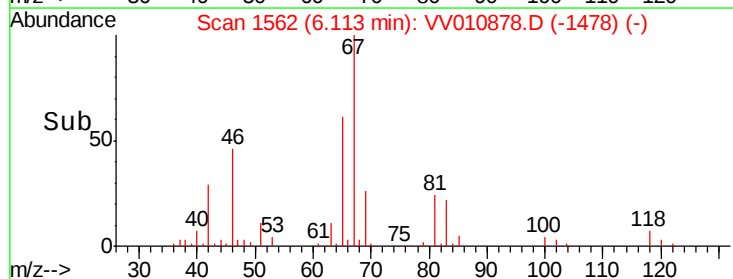
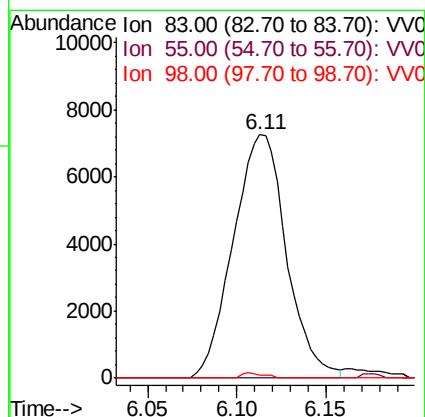
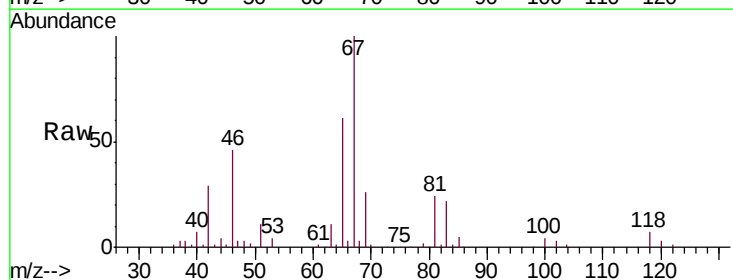
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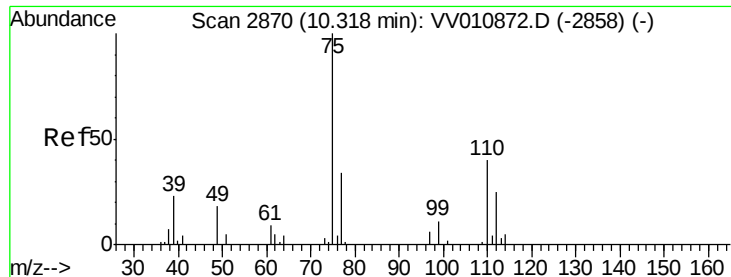
Tgt Ion: 83 Resp: 31640
Ion Ratio Lower Upper
83 100
85 66.6 45.3 84.1



#36
Methylcyclohexane
Concen: 4.880 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
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Tgt Ion: 83 Resp: 15070
Ion Ratio Lower Upper
83 100
55 0.6 61.0 91.4#
98 0.3 37.2 55.8#





#59

1,2,3-Trichloropropane

Concen: 4.406 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

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Instrument :

MSVOA_V

ClientSampleId :

DB874

Tgt Ion: 75 Resp: 7918

Ion Ratio Lower Upper

75 100

77 31.0 26.4 39.6

