

Data File : VV010871.D
Acq On : 14 May 2019 19:19
Operator : SY/MD
Sample : K2798-06
Misc : 4.25G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB876

Quant Time: May 15 06:57:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 06:52:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	137773	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	132658	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	56050	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34733	19.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.16%
7) Chloroethane-d5	1.57	69	27006	23.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.44%
10) 1,1-Dichloroethene-d2	2.13	63	51509	15.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.04%
20) 2-Butanone-d5	3.94	46	18389	33.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.60%
24) Chloroform-d	4.40	84	71542	17.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	71.96%
26) 1,2-Dichloroethane-d4	5.08	65	41443	18.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.32%
29) Benzene-d6	5.10	84	155716	21.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.84%
33) 1,2-Dichloropropane-d6	6.12	67	49876	21.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.16%
37) Toluene-d8	7.36	98	140169	19.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.48%
38) trans-1,3-Dichloropropene-	7.66	79	16691	16.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.32%
39) 2-Hexanone-d5	8.13	63	13770	31.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.04%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	37042	17.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	68.20%
61) 1,2-Dichlorobenzene-d4	11.67	152	49273	21.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.20%

Target Compounds

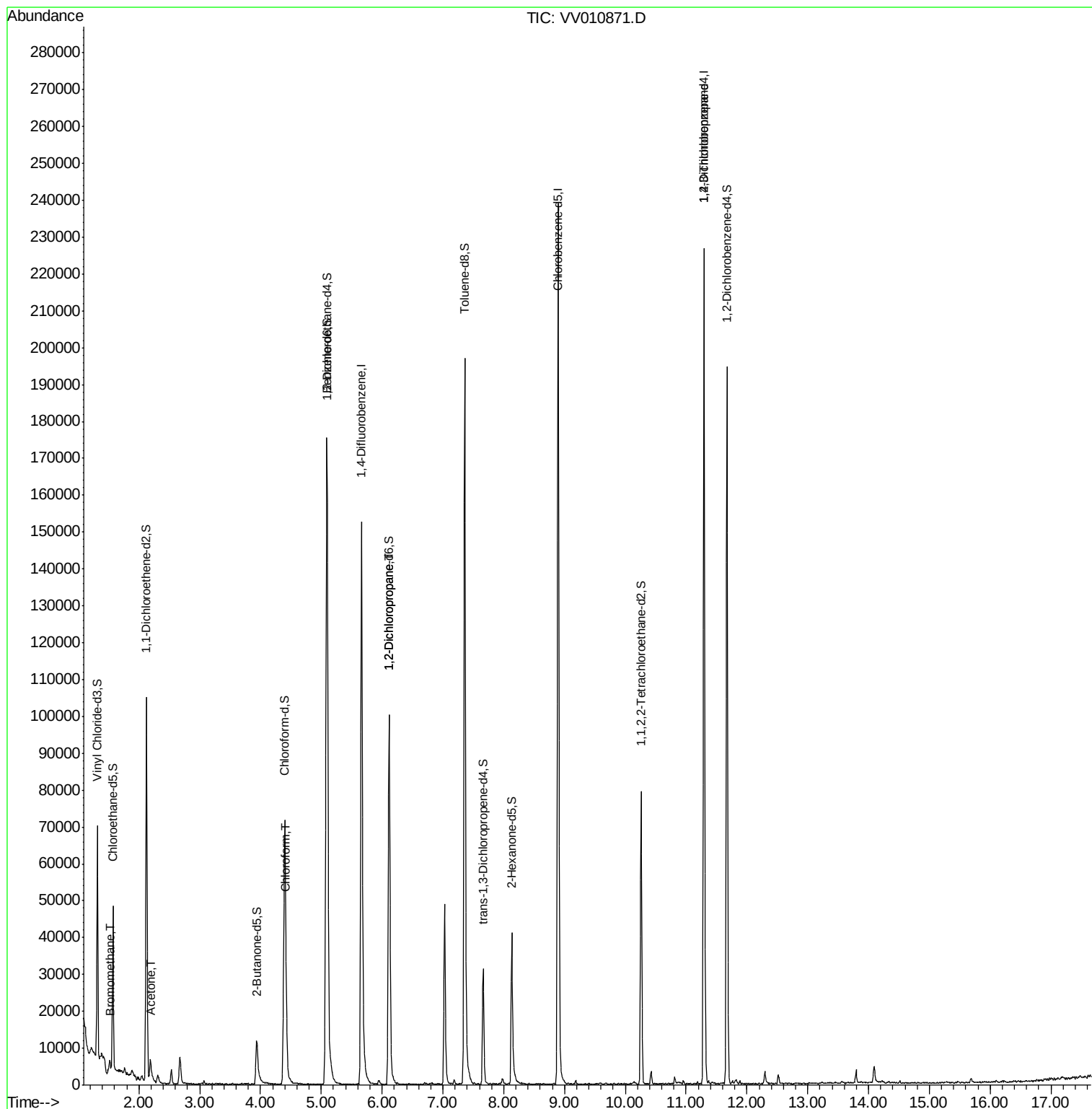
					Qvalue
6) Bromomethane	1.52	94	686	1.500 ug/L	99
13) Acetone	2.19	43	4443	7.899 ug/L	92
25) Chloroform	4.43	83	8503	2.141 ug/L	90
40) 1,2-Dichloropropane	6.12	63	5685	2.700 ug/L #	88
59) 1,2,3-Trichloropropane	11.29	75	7520	4.634 ug/L	90

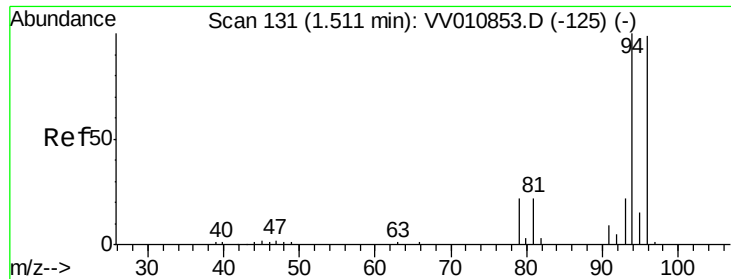
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 1.500 ug/L

RT: 1.52 min Scan# 134

Delta R.T. 0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

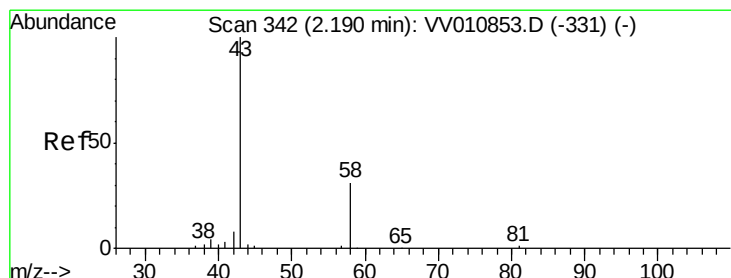
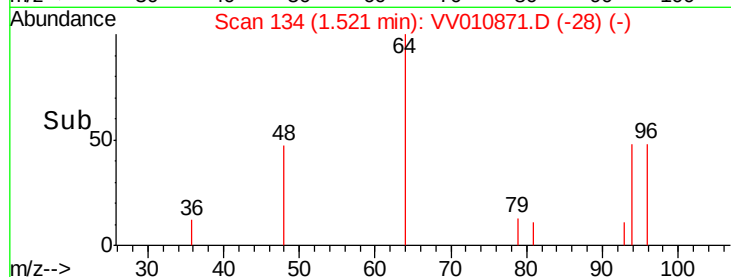
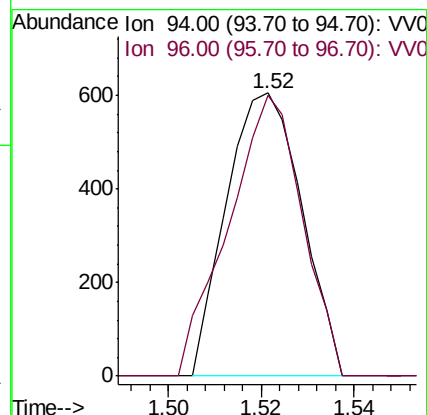
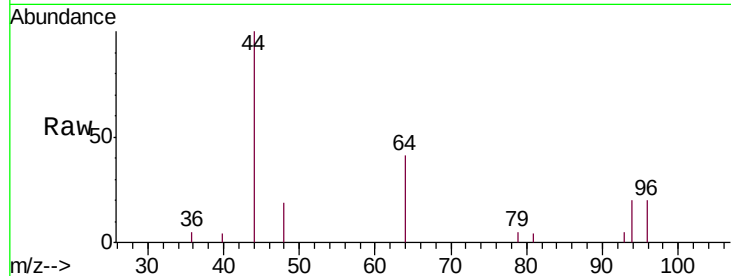
DB876

Tgt Ion: 94 Resp: 686

Ion Ratio Lower Upper

94 100

96 96.6 9.6 181.6



#13

Acetone

Concen: 7.899 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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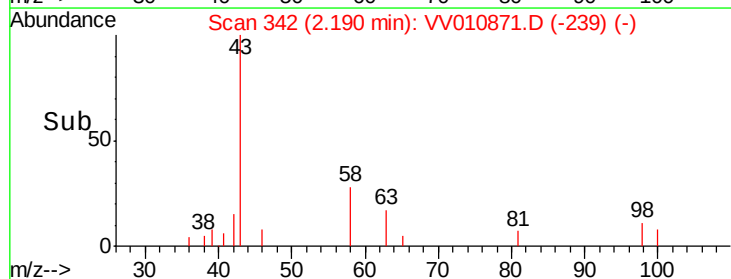
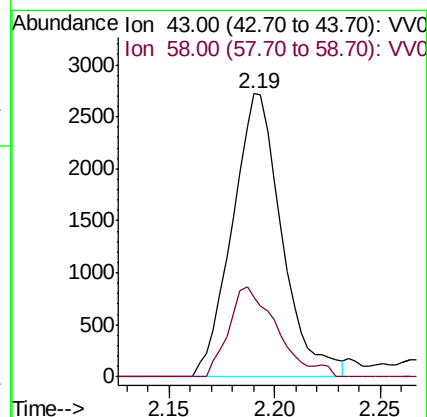
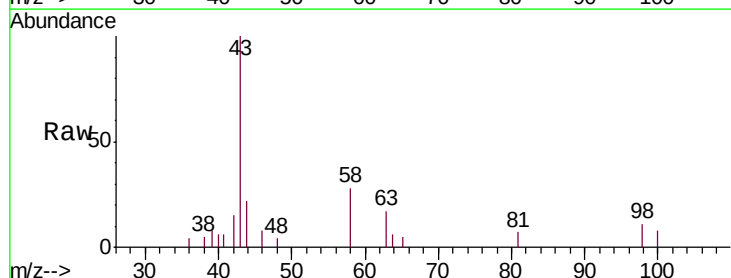
Acq: 14 May 2019 19:19

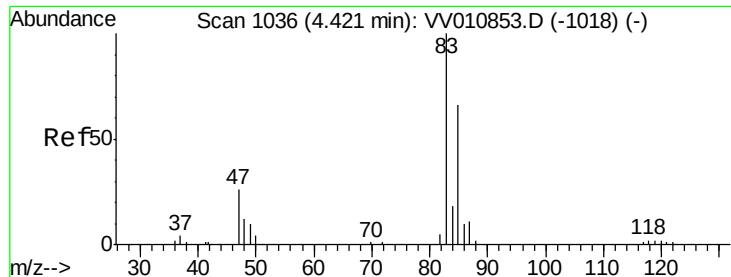
Tgt Ion: 43 Resp: 4443

Ion Ratio Lower Upper

43 100

58 30.2 0.0 69.2

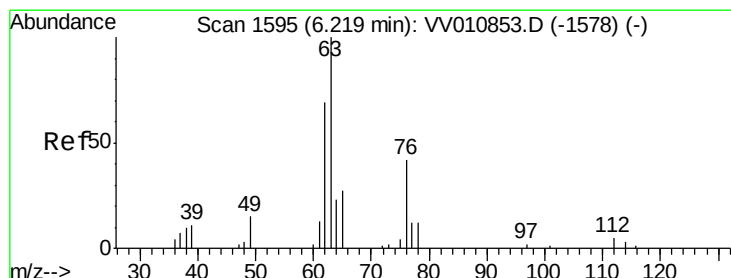
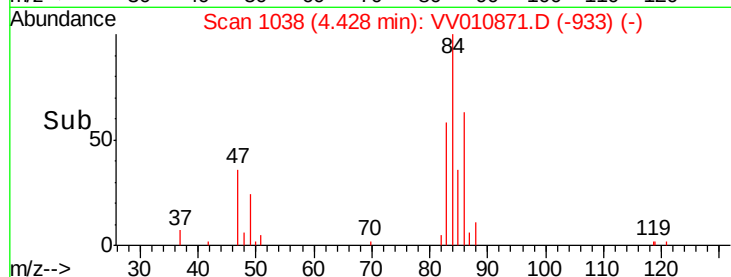
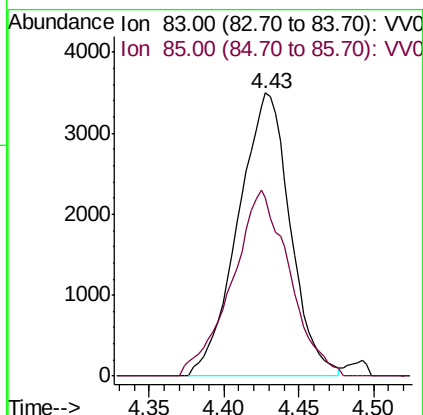
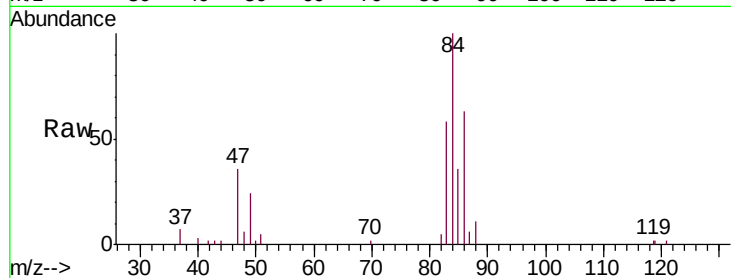




#25
Chloroform
Concen: 2.141 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
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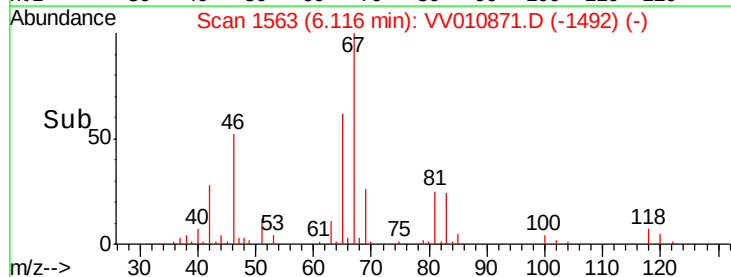
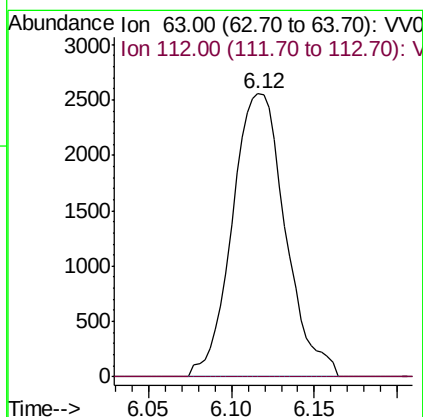
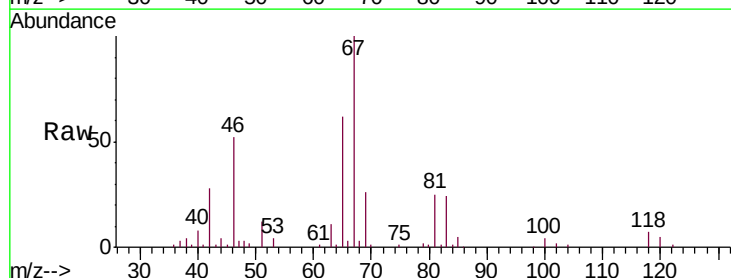
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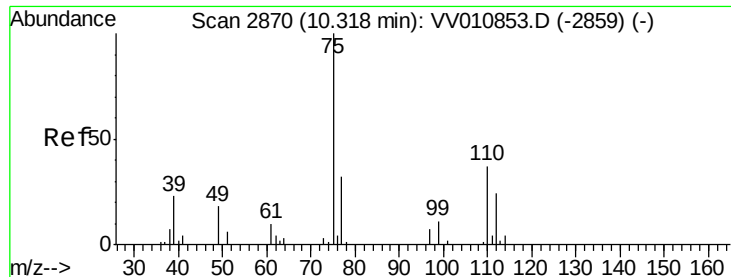
Tgt Ion: 83 Resp: 8503
Ion Ratio Lower Upper
83 100
85 72.2 45.3 84.1



#40
1,2-Dichloropropane
Concen: 2.700 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV010871.D
Acq: 14 May 2019 19:19

Tgt Ion: 63 Resp: 5685
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#59
 1,2,3-Trichloropropane
 Concen: 4.634 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.97 min
 Lab File: VV010871.D
 Acq: 14 May 2019 19:19

Instrument :
 MSVOA_V
 ClientSampleId :
 DB876

Tgt Ion: 75 Resp: 7520
 Ion Ratio Lower Upper
 75 100
 77 38.4 26.4 39.6

