

Data File : VV010870.D
Acq On : 14 May 2019 18:52
Operator : SY/MD
Sample : K2737-24
Misc : 4.77G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB872

Quant Time: May 15 06:57:49 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	102363	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	111080	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	44370	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23845	18.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.12%
7) Chloroethane-d5	1.56	69	20929	24.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.48%
10) 1,1-Dichloroethene-d2	2.12	63	37726	15.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.16%
20) 2-Butanone-d5	3.93	46	18738	45.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.34%
24) Chloroform-d	4.40	84	60398	20.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.76%
26) 1,2-Dichloroethane-d4	5.08	65	44431	26.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.76%
29) Benzene-d6	5.10	84	141088	22.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.80%
33) 1,2-Dichloropropane-d6	6.12	67	49063	25.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.04%
37) Toluene-d8	7.36	98	124141	21.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.04%
38) trans-1,3-Dichloropropene-	7.66	79	16685	19.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.00%
39) 2-Hexanone-d5	8.13	63	13390	36.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.04%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	38673	21.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.04%
61) 1,2-Dichlorobenzene-d4	11.67	152	45707	24.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.64%

Target Compounds

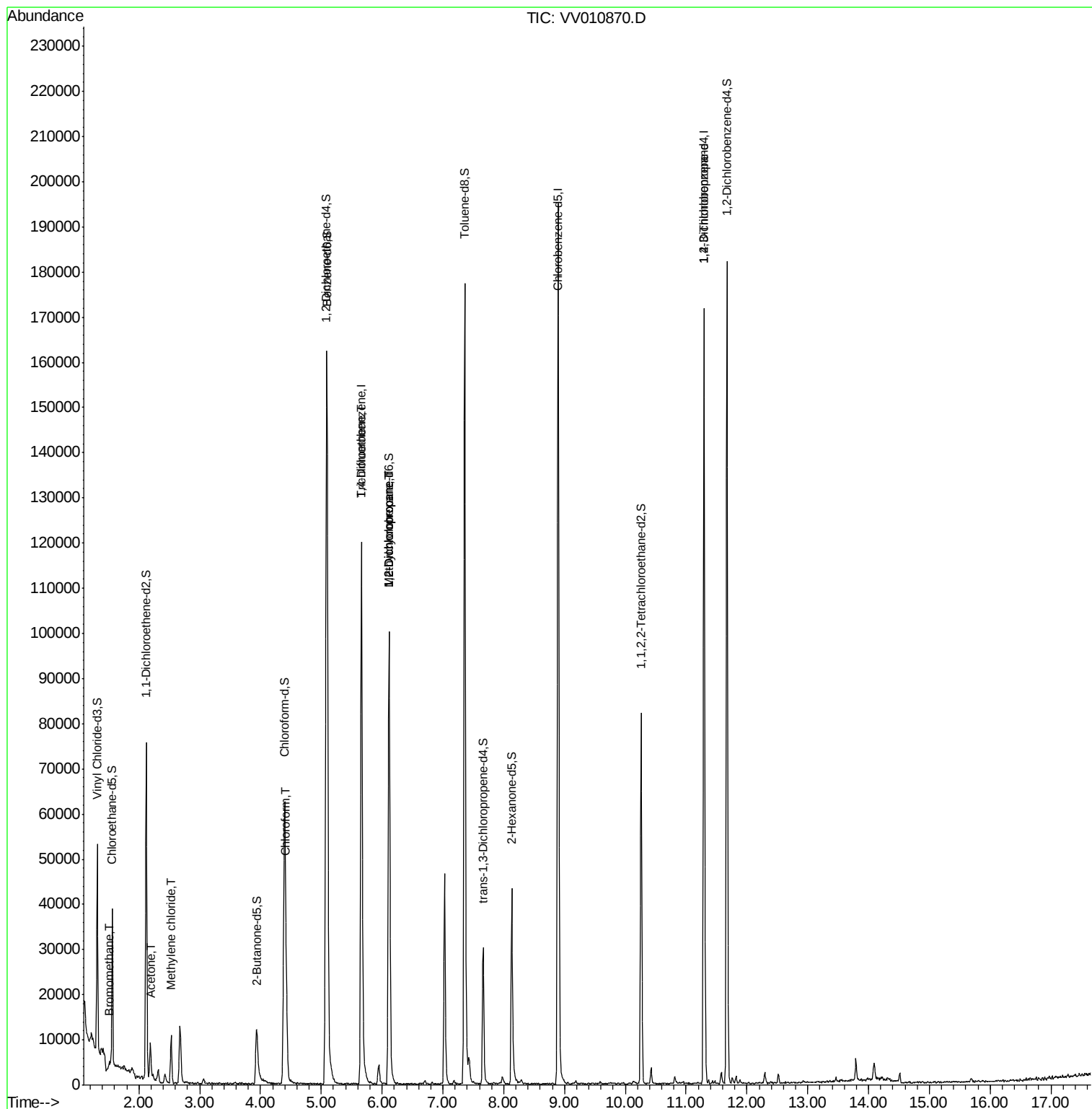
					Qvalue
6) Bromomethane	1.51	94	485	1.427 ug/L	96
13) Acetone	2.19	43	7625	18.245 ug/L	98
16) Methylene chloride	2.53	84	4179	2.530 ug/L	94
25) Chloroform	4.42	83	14458	4.899 ug/L	95
35) Trichloroethene	5.66	95	3078	1.834 ug/L #	5
36) Methylcyclohexane	6.12	83	11392	4.879 ug/L #	19
40) 1,2-Dichloropropane	6.11	63	5609	3.181 ug/L #	88
59) 1,2,3-Trichloropropane	11.29	75	5734	4.219 ug/L	90

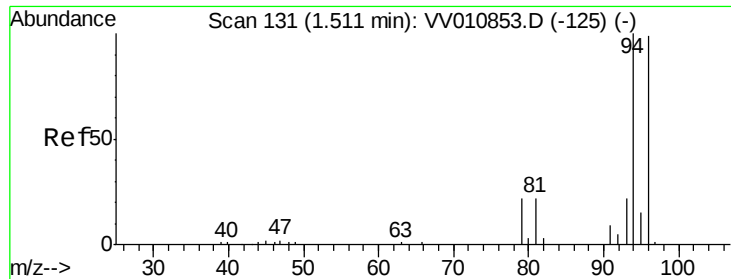
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 1.427 ug/L

RT: 1.51 min Scan# 131

Delta R.T. 0.00 min

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Acq: 14 May 2019 18:52

Instrument :

MSVOA_V

ClientSampleId :

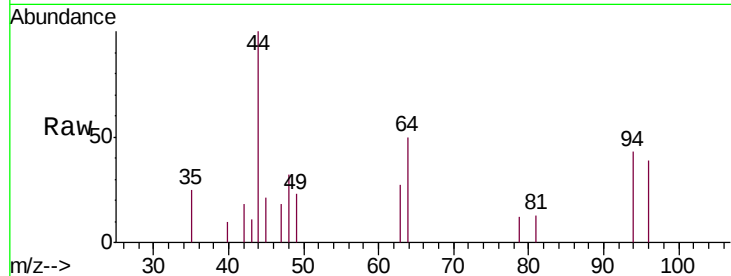
DB872

Tgt Ion: 94 Resp: 485

Ion Ratio Lower Upper

94 100

96 92.2 9.6 181.6

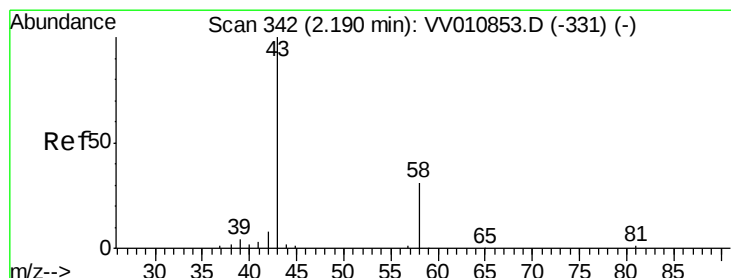
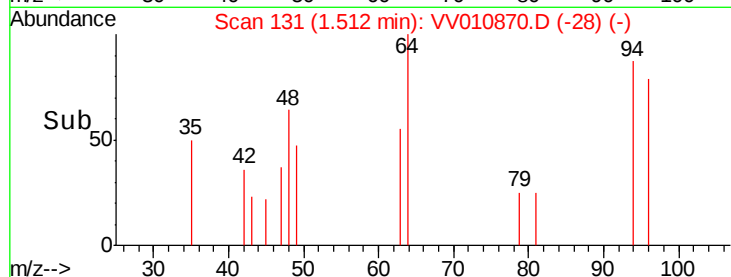


Abundance Ion 94.00 (93.70 to 94.70): VV010853.D (-125) (-)

Ion 96.00 (95.70 to 96.70): VV010853.D (-125) (-)

1.51

Time-->



#13

Acetone

Concen: 18.245 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV010870.D

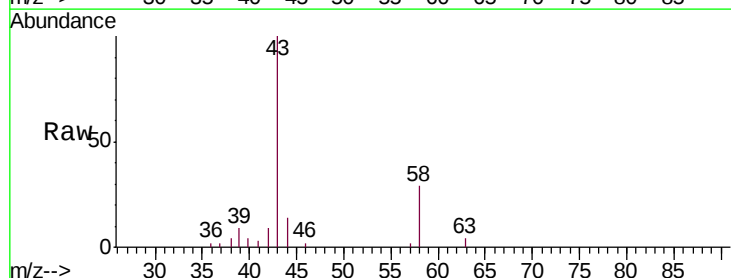
Acq: 14 May 2019 18:52

Tgt Ion: 43 Resp: 7625

Ion Ratio Lower Upper

43 100

58 33.4 0.0 69.2

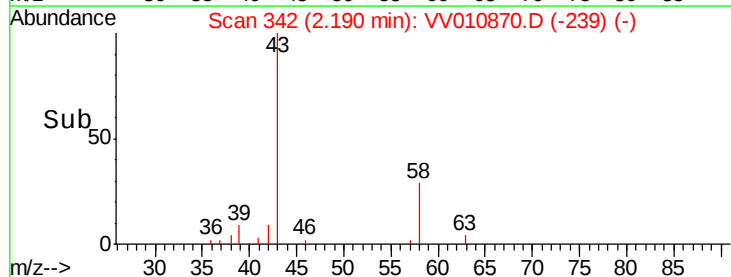


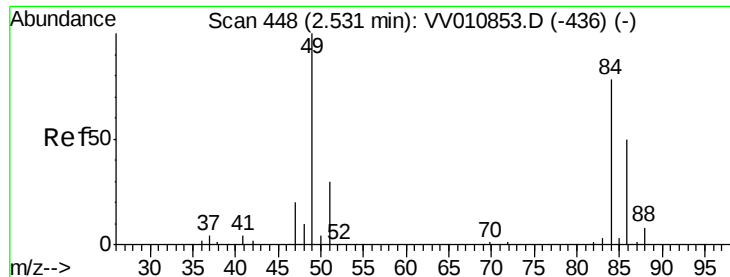
Abundance Ion 43.00 (42.70 to 43.70): VV010853.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010853.D (-331) (-)

2.19

Time-->

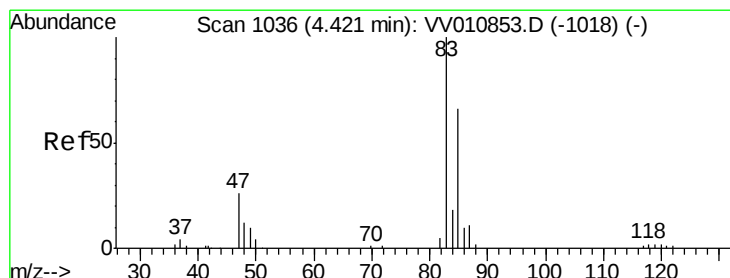
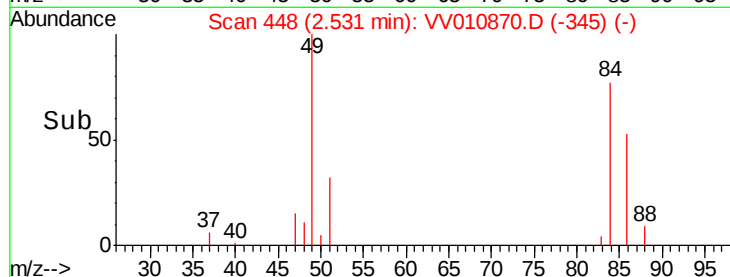
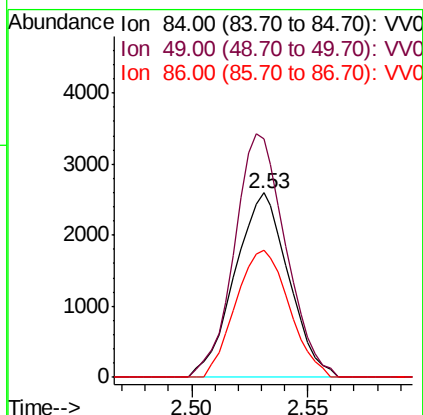
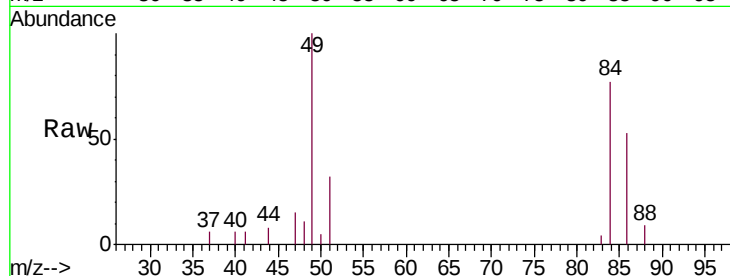




#16
Methylene chloride
Concen: 2.530 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV010870.D
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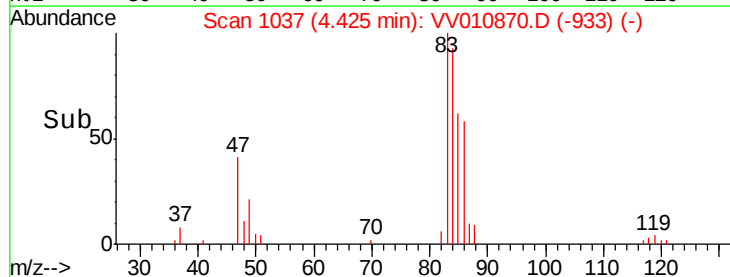
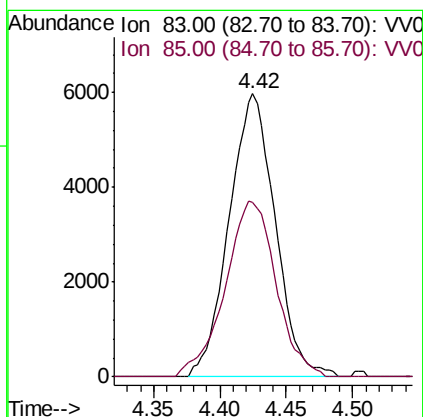
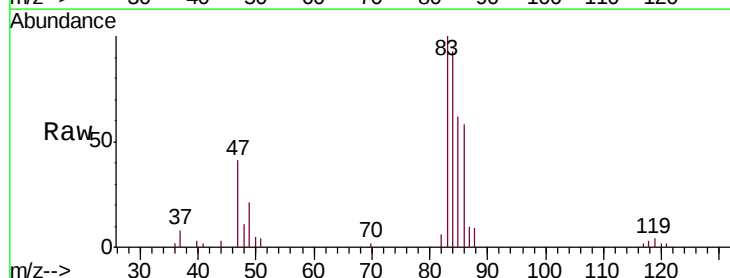
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MSVOA_V
ClientSampled :
DB872

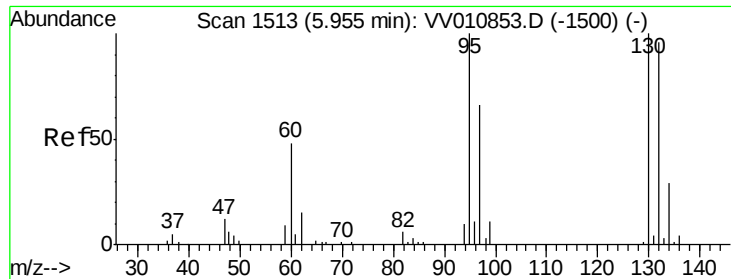
Tgt Ion: 84 Resp: 4179
Ion Ratio Lower Upper
84 100
49 129.1 85.8 159.3
86 68.7 45.0 83.6



#25
Chloroform
Concen: 4.899 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV010870.D
Acq: 14 May 2019 18:52

Tgt Ion: 83 Resp: 14458
Ion Ratio Lower Upper
83 100
85 68.5 45.3 84.1

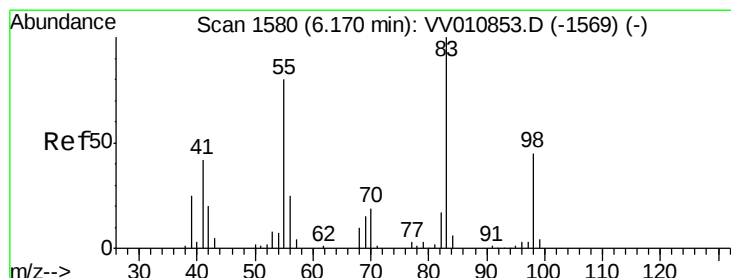
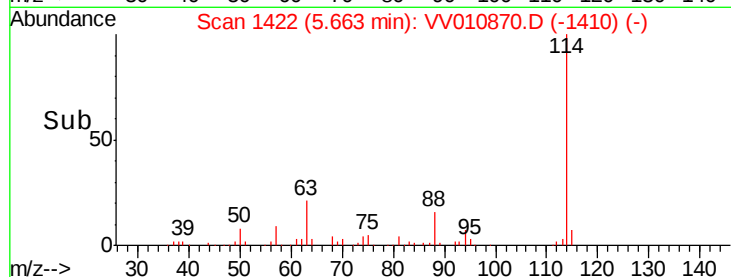
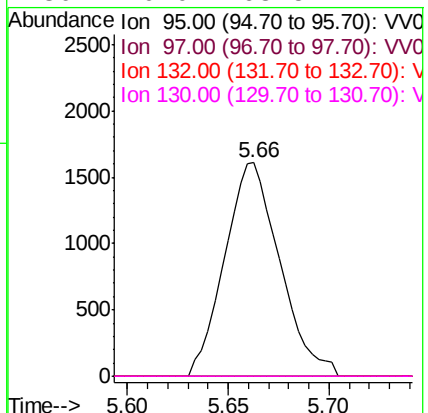
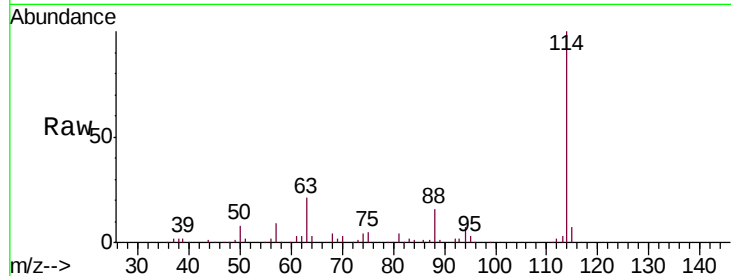




#35
 Trichloroethene
 Concen: 1.834 ug/L
 RT: 5.66 min Scan# 1422
 Delta R.T. -0.29 min
 Lab File: VV010870.D
 Acq: 14 May 2019 18:52

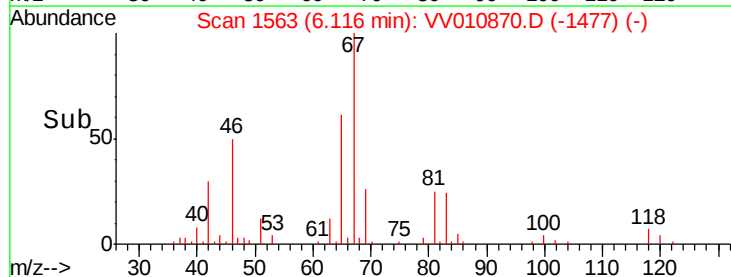
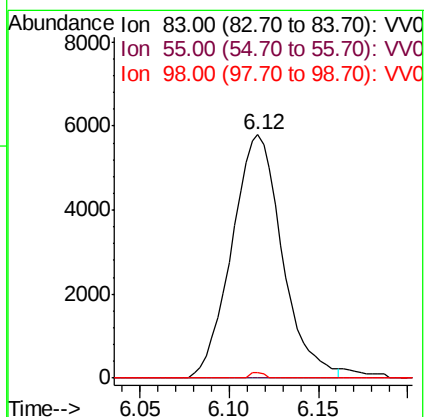
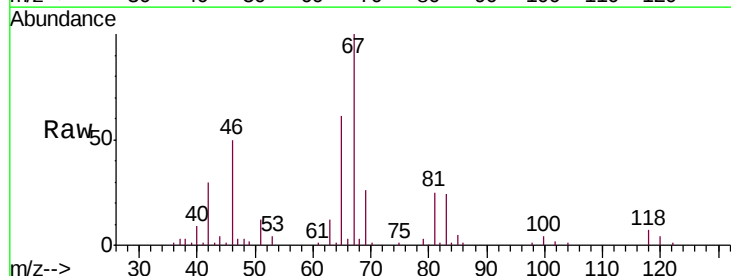
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 MSVOA_V
 ClientSampleID :
 DB872

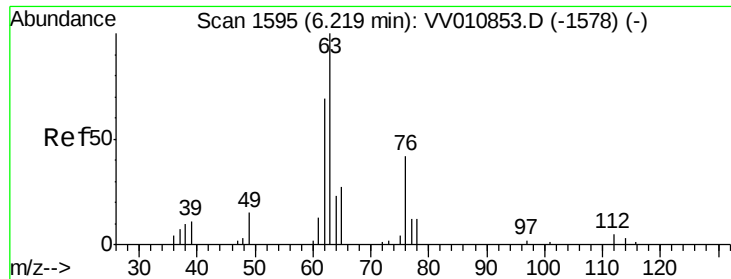
Tgt Ion: 95 Resp: 3078
 Ion Ratio Lower Upper
 95 100
 97 0.0 46.0 85.4#
 132 0.0 67.4 125.2#
 130 0.0 68.5 127.1#



#36
 Methylcyclohexane
 Concen: 4.879 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.05 min
 Lab File: VV010870.D
 Acq: 14 May 2019 18:52

Tgt Ion: 83 Resp: 11392
 Ion Ratio Lower Upper
 83 100
 55 0.0 61.0 91.4#
 98 0.7 37.2 55.8#

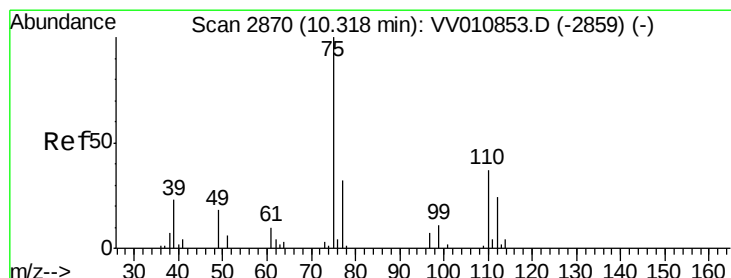
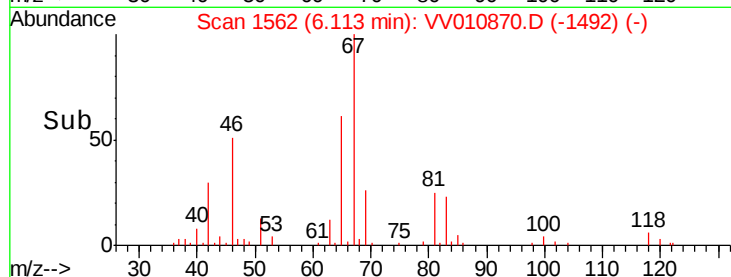
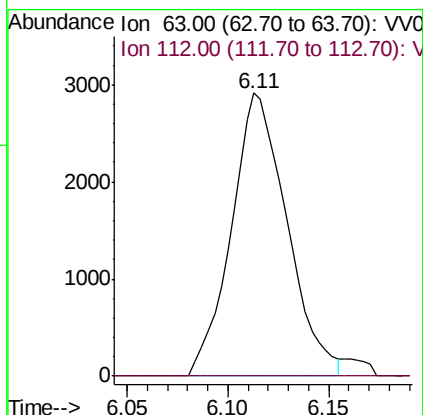
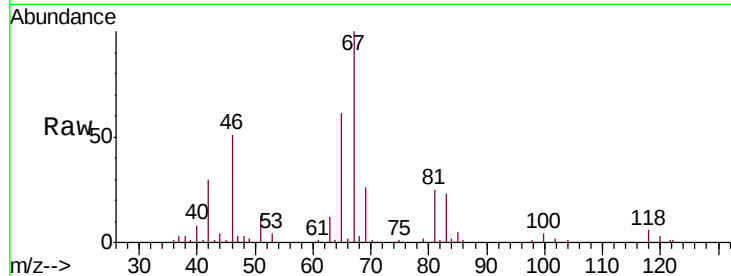




#40
 1,2-Dichloropropane
 Concen: 3.181 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV010870.D
 Acq: 14 May 2019 18:52

Instrument :
 MSVOA_V
 ClientSampleId :
 DB872

Tgt Ion: 63 Resp: 5609
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#59
 1,2,3-Trichloropropane
 Concen: 4.219 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.97 min
 Lab File: VV010870.D
 Acq: 14 May 2019 18:52

Tgt Ion: 75 Resp: 5734
 Ion Ratio Lower Upper
 75 100
 77 38.8 26.4 39.6

