

Data File : VV009072.D
Acq On : 20 Dec 2018 02:02
Operator : SY/MD
Sample : J6471-18
Misc : 6.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9H05

Quant Time: Dec 20 03:50:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 20 03:44:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	197266	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	165559	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58218	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	46995	23.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.08%
7) Chloroethane-d5	1.58	69	51563	34.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	136.76%
10) 1,1-Dichloroethene-d2	2.13	63	90525	17.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.96%
20) 2-Butanone-d5	3.94	46	21349	28.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.46%
24) Chloroform-d	4.40	84	130636	27.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.20%
26) 1,2-Dichloroethane-d4	5.08	65	78721	30.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	121.68%
29) Benzene-d6	5.10	84	254658	27.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.16%
33) 1,2-Dichloropropane-d6	6.12	67	79531	30.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.88%#
37) Toluene-d8	7.36	98	223309	26.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.40%
38) trans-1,3-Dichloropropene-	7.66	79	29490	25.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.72%
39) 2-Hexanone-d5	8.13	63	15498	32.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.36%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	51326	23.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.56%
61) 1,2-Dichlorobenzene-d4	11.68	152	58750	26.89	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.56%

Target Compounds

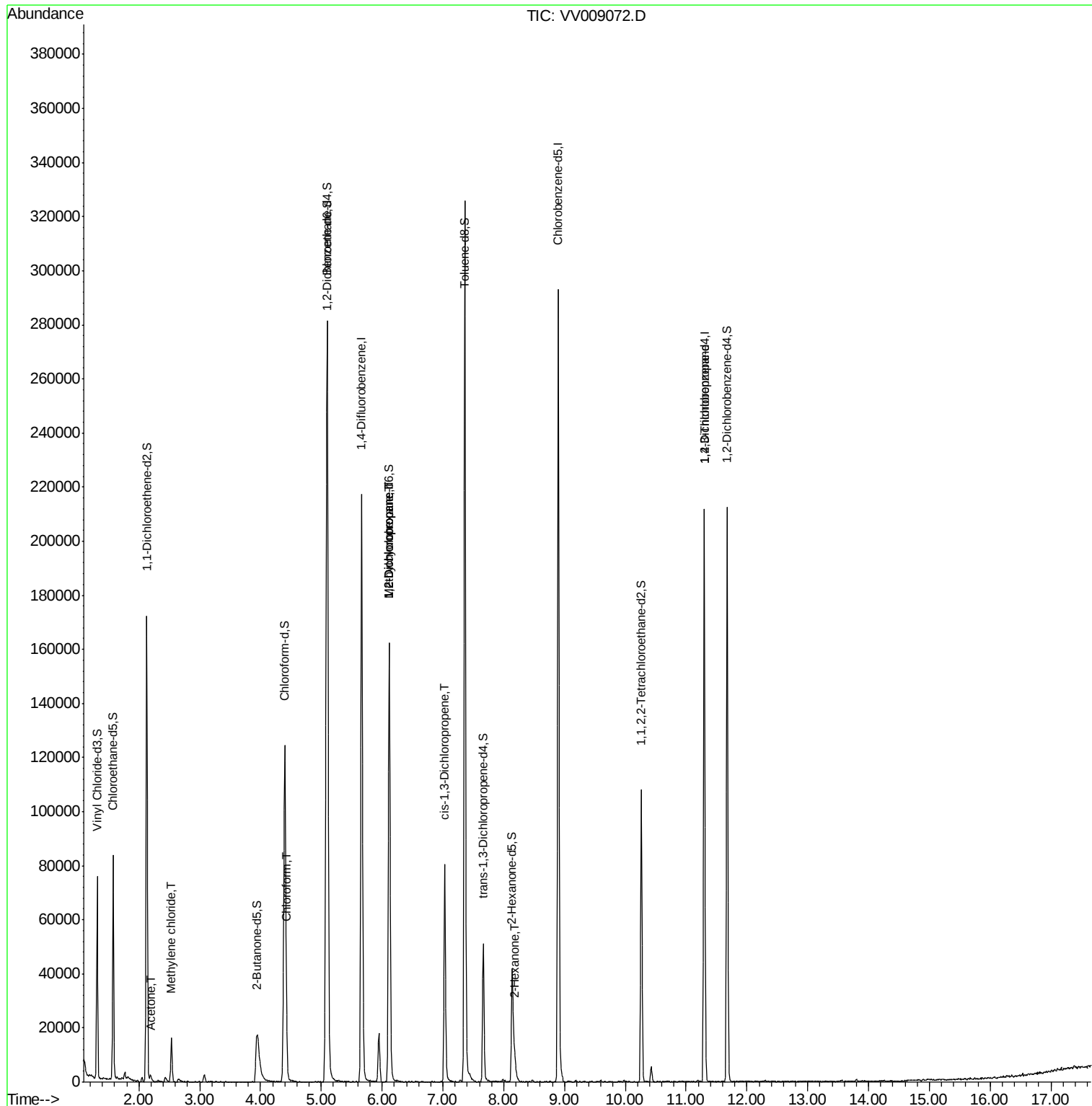
					Qvalue
13) Acetone	2.20	43	1679	1.533 ug/L	86
16) Methylene chloride	2.54	84	7322	2.204 ug/L	87
25) Chloroform	4.43	83	4357	0.911 ug/L #	45
36) Methylcyclohexane	6.12	83	20333	4.263 ug/L #	20
40) 1,2-Dichloropropane	6.12	63	8916	3.745 ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	1966	0.564 ug/L #	51
49) 2-Hexanone	8.18	43	5512	4.141 ug/L #	72
59) 1,2,3-Trichloropropane	11.30	75	6213	3.349 ug/L	92

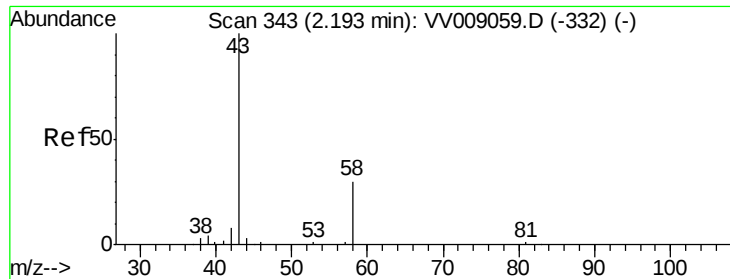
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.533 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

Lab File: VV009072.D

Acq: 20 Dec 2018 02:02

Instrument :

MSVOA_V

ClientSampled :

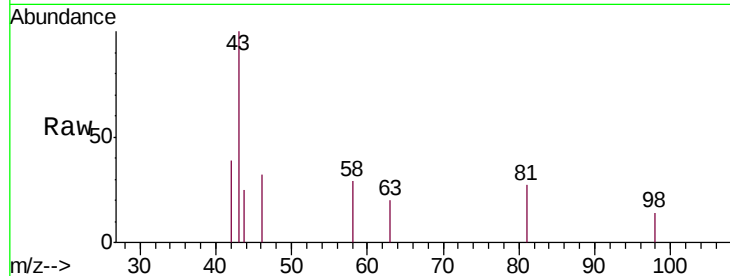
F9H05

Tgt Ion: 43 Resp: 1679

Ion Ratio Lower Upper

43 100

58 24.5 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VV009059.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV009059.D (-332) (-)

2.20

800

600

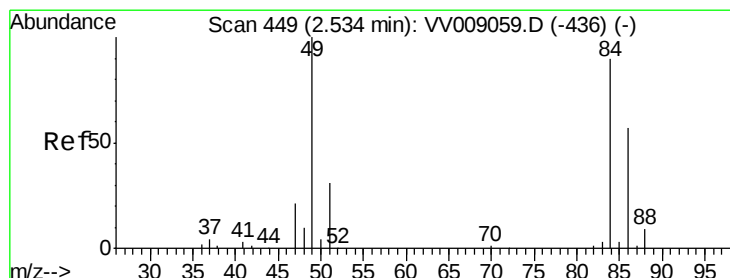
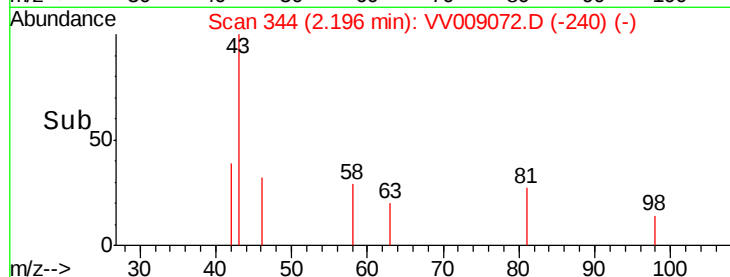
400

200

0

2.15 2.20 2.25

Time-->



#16

Methylene chloride

Concen: 2.204 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009072.D

Acq: 20 Dec 2018 02:02

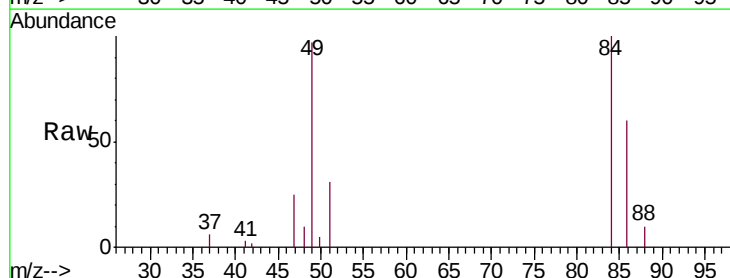
Tgt Ion: 84 Resp: 7322

Ion Ratio Lower Upper

84 100

49 97.0 80.5 149.5

86 60.2 45.5 84.5



Abundance Ion 84.00 (83.70 to 84.70): VV009059.D (-436) (-)

Ion 49.00 (48.70 to 49.70): VV009059.D (-436) (-)

Ion 86.00 (85.70 to 86.70): VV009059.D (-436) (-)

2.54

6000

5000

4000

3000

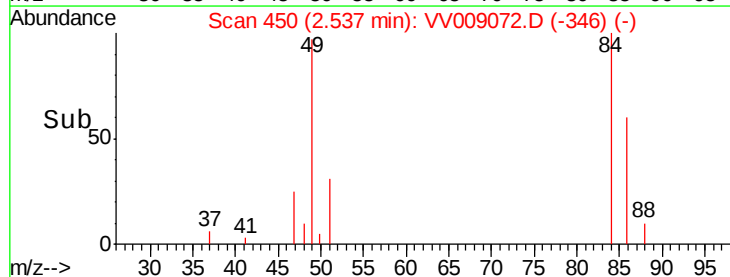
2000

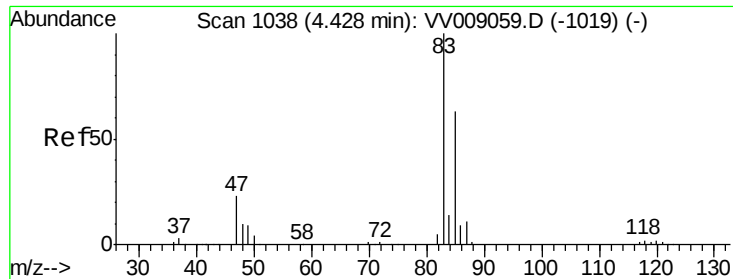
1000

0

2.50 2.55

Time-->

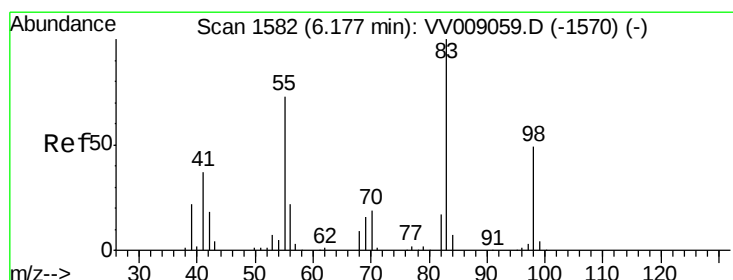
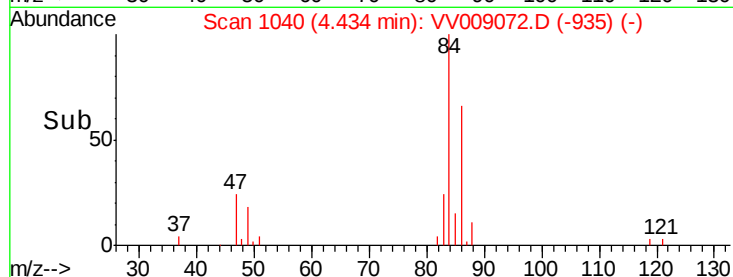
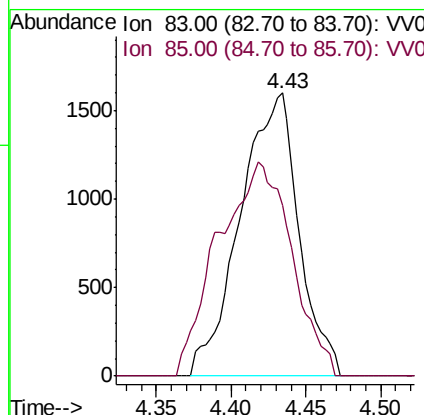
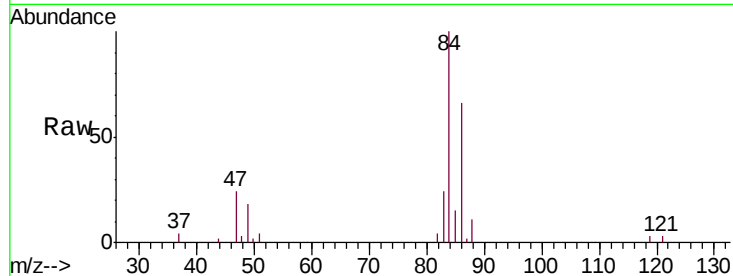




#25
Chloroform
Concen: 0.911 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.01 min
Lab File: VV009072.D
Acq: 20 Dec 2018 02:02

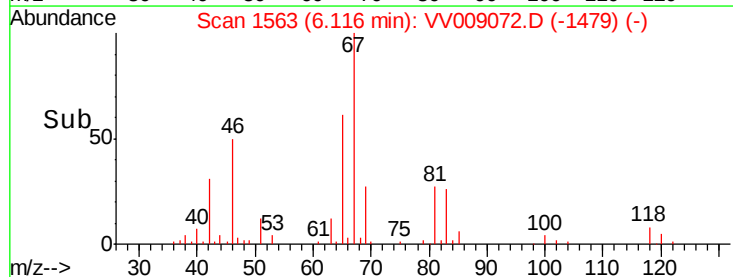
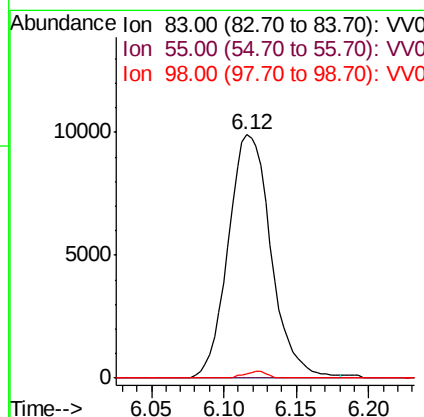
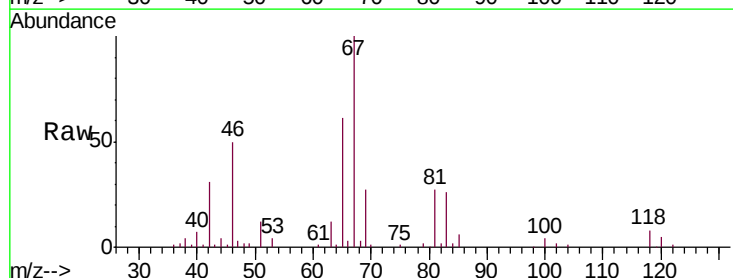
Instrument :
MSVOA_V
ClientSampleId :
F9H05

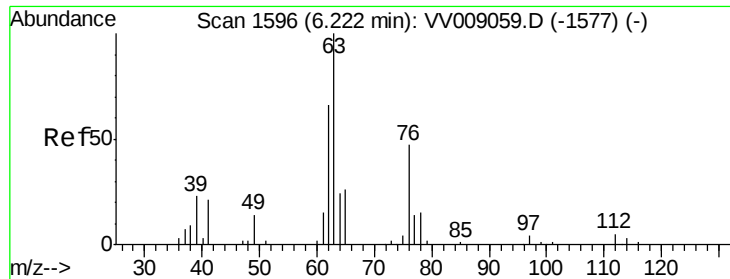
Tgt Ion: 83 Resp: 4357
Ion Ratio Lower Upper
83 100
85 22.1 45.6 84.8#



#36
Methylcyclohexane
Concen: 4.263 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV009072.D
Acq: 20 Dec 2018 02:02

Tgt Ion: 83 Resp: 20333
Ion Ratio Lower Upper
83 100
55 0.0 58.2 87.2#
98 1.4 37.8 56.8#

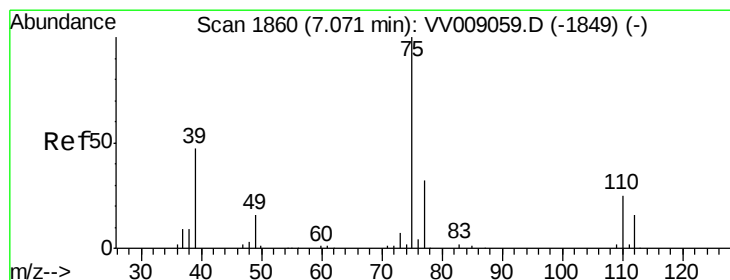
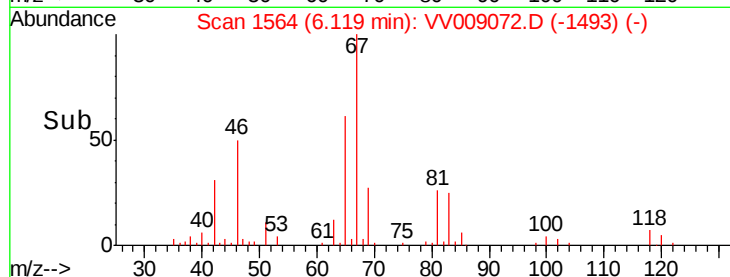
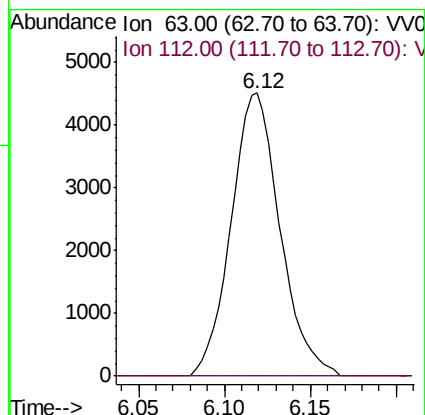
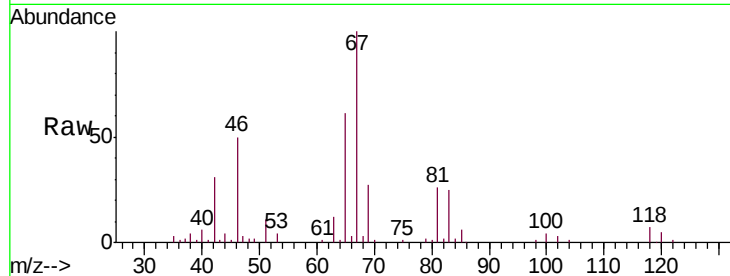




#40
 1,2-Dichloropropane
 Concen: 3.745 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV009072.D
 Acq: 20 Dec 2018 02:02

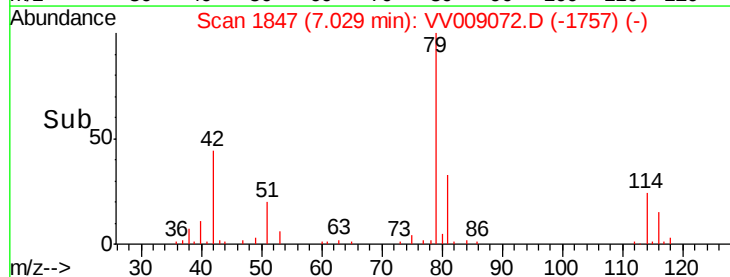
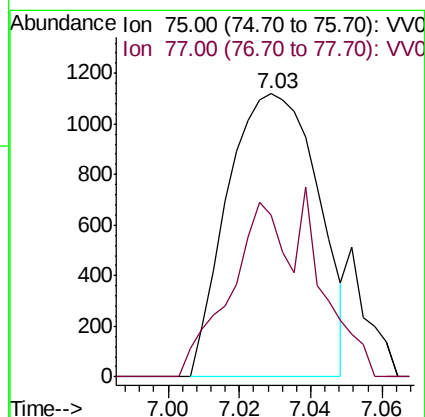
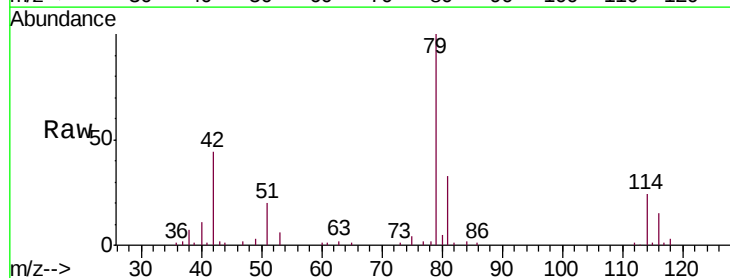
Instrument :
 MSVOA_V
 ClientSampleId :
 F9H05

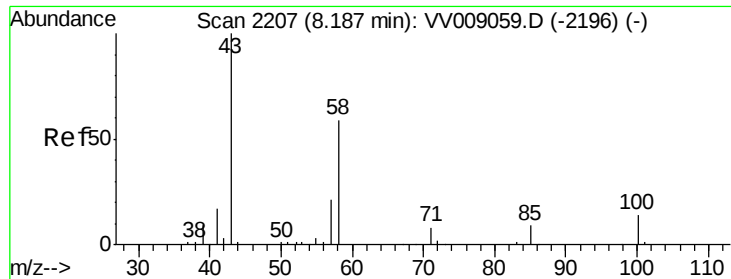
Tgt Ion: 63 Resp: 8916
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#42
 cis-1,3-Dichloropropene
 Concen: 0.564 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009072.D
 Acq: 20 Dec 2018 02:02

Tgt Ion: 75 Resp: 1966
 Ion Ratio Lower Upper
 75 100
 77 57.3 21.3 39.6#

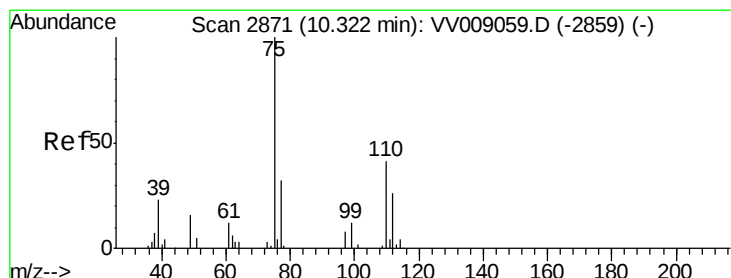
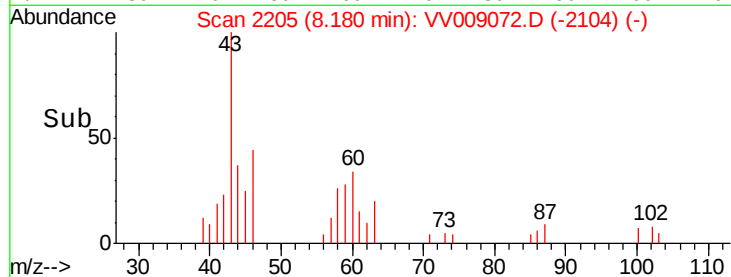
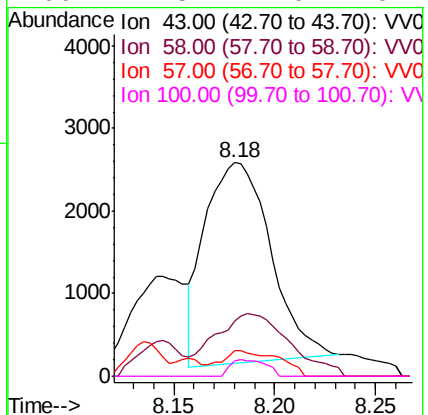
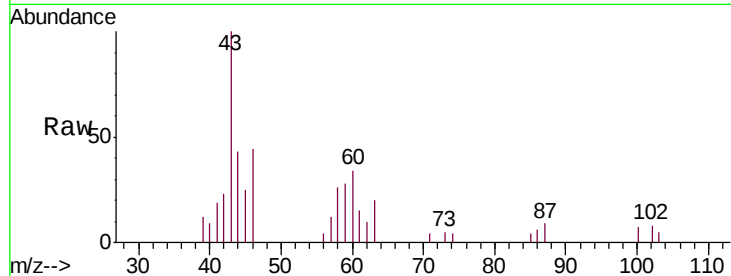




#49
2-Hexanone
Concen: 4.141 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. -0.01 min
Lab File: VV009072.D
Acq: 20 Dec 2018 02:02

Instrument :
MSVOA_V
ClientSampleId :
F9H05

Tgt Ion: 43 Resp: 5512
Ion Ratio Lower Upper
43 100
58 35.7 43.9 65.9#
57 3.5 15.7 23.5#
100 4.5 11.0 16.4#



#59
1,2,3-Trichloropropane
Concen: 3.349 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV009072.D
Acq: 20 Dec 2018 02:02

Tgt Ion: 75 Resp: 6213
Ion Ratio Lower Upper
75 100
77 36.5 25.6 38.4

