

Data File : VV011600.D
Acq On : 19 Jun 2019 03:18
Operator : SY/MD
Sample : K3386-13
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COM94

Quant Time: Jun 19 07:54:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 19 07:50:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	165981	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	150998	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	56034	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	37822	3.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.40%
7) Chloroethane-d5	1.58	69	32535	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.00%
11) 1,1-Dichloroethene-d2	2.12	63	63946	2.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.60%#
20) 2-Butanone-d5	3.96	46	198194	56.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.40%
24) Chloroform-d	4.40	84	107196	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.08	65	69042	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.09	84	204381	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.12	67	70433	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.36	98	160675	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
43) trans-1,3-Dichloropropene-	7.67	79	17328	3.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.80%
46) 2-Hexanone-d5	8.14	63	143528	52.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.54%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	53532	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	56633	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

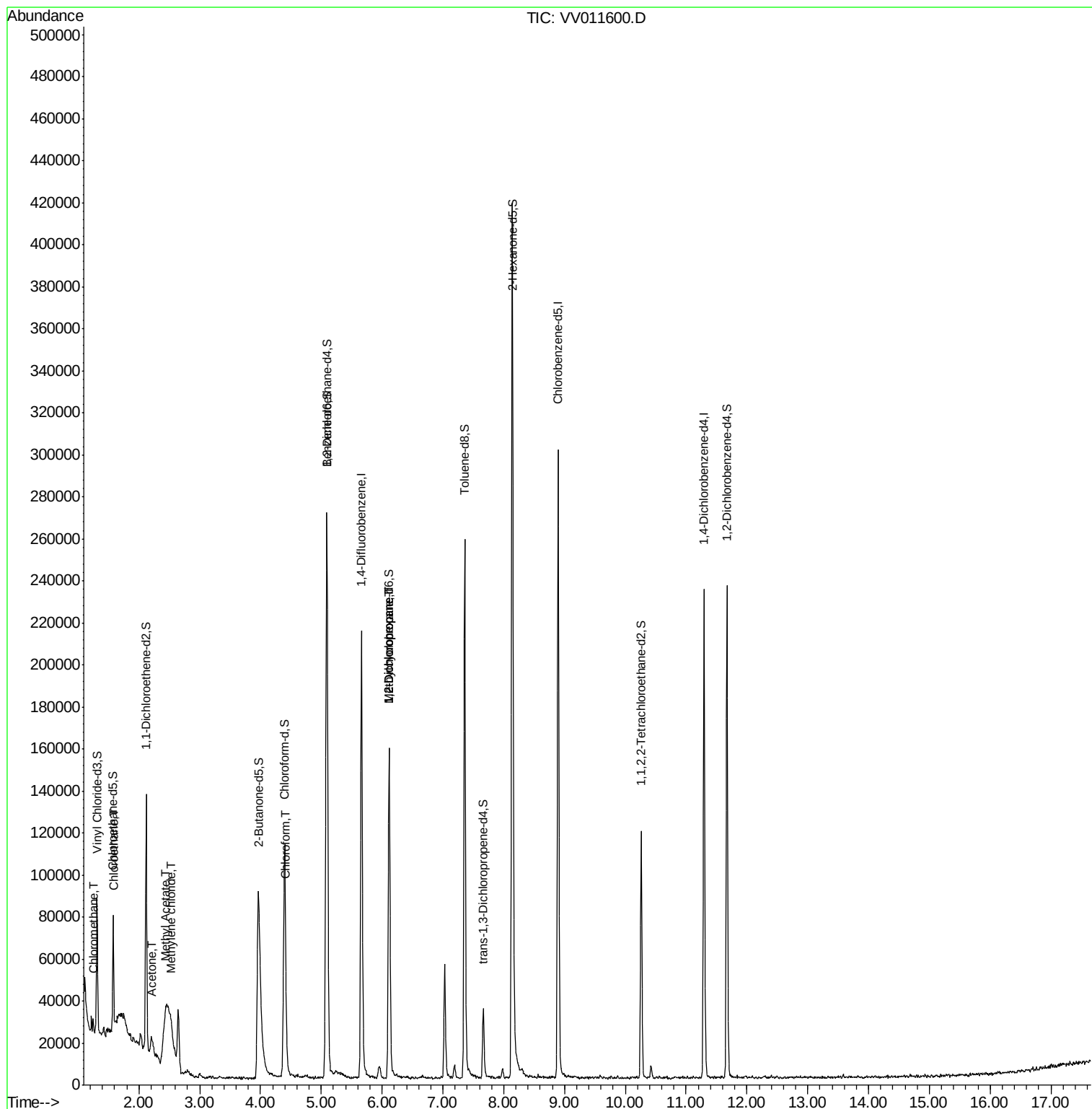
						Qvalue
3) Chloromethane	1.25	50	4307	0.269	ug/L	90
8) Chloroethane	1.59	64	875	0.114	ug/L #	57
13) Acetone	2.23	43	7003	2.947	ug/L	85
15) Methyl Acetate	2.44	43	11147	1.769	ug/L #	56
16) Methylene chloride	2.53	84	1373	0.117	ug/L	87
25) Chloroform	4.42	83	2776	0.115	ug/L #	68
35) Methylcyclohexane	6.12	83	16844	0.939	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	8502	0.648	ug/L #	88

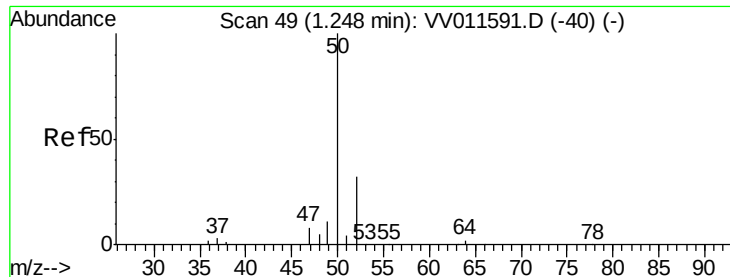
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.269 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

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Acq: 19 Jun 2019 03:18

Instrument :

MSVOA_V

ClientSampleId :

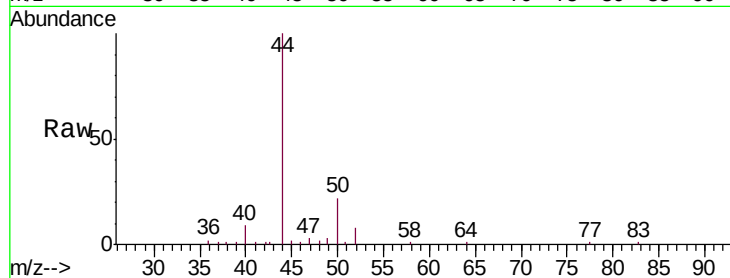
C0M94

Tgt Ion: 50 Resp: 4307

Ion Ratio Lower Upper

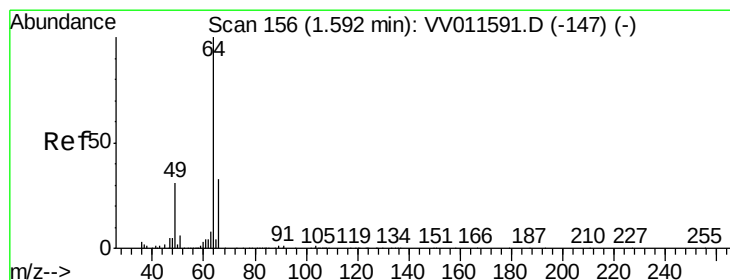
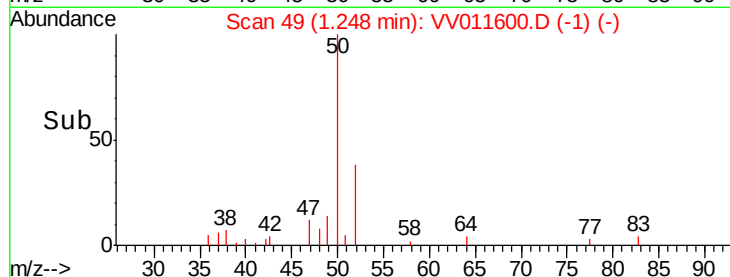
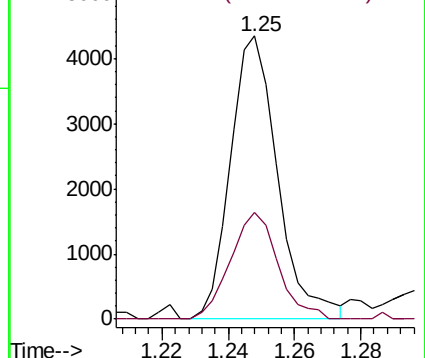
50 100

52 37.8 22.7 42.1



Abundance Ion 50.05 (49.75 to 50.75): VV011591.D (-40) (-)

Ion 52.05 (51.75 to 52.75): VV011591.D (-40) (-)



#8

Chloroethane

Concen: 0.114 ug/L

RT: 1.59 min Scan# 156

Delta R.T. -0.00 min

Lab File: VV011600.D

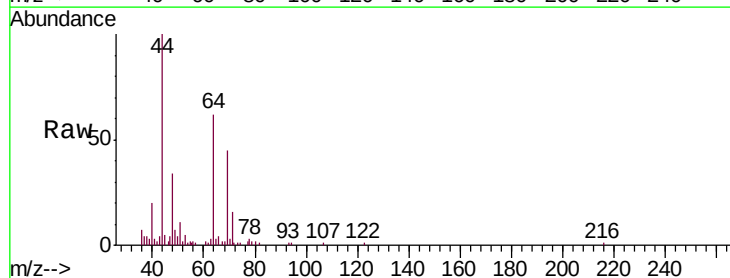
Acq: 19 Jun 2019 03:18

Tgt Ion: 64 Resp: 875

Ion Ratio Lower Upper

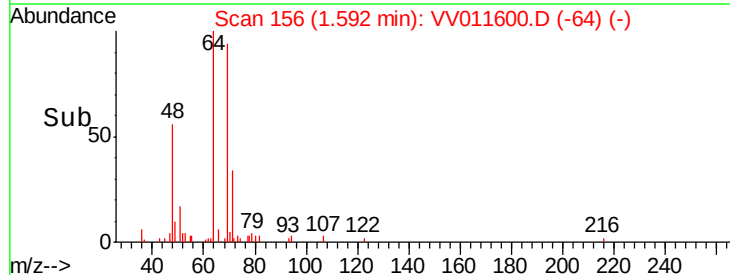
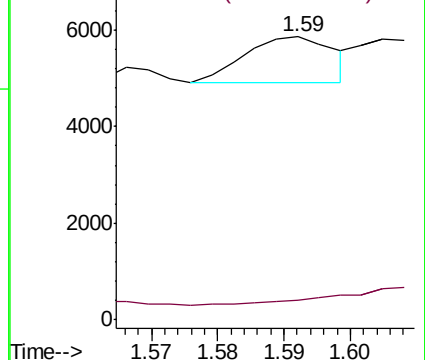
64 100

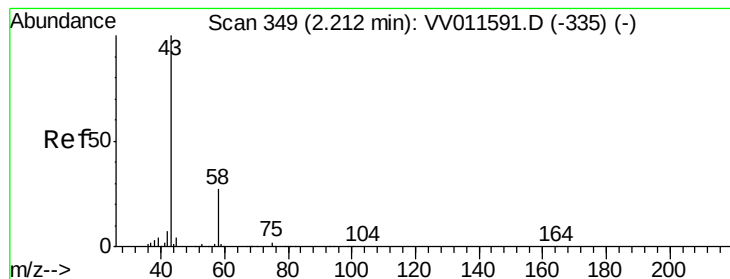
66 7.1 21.6 40.2#



Abundance Ion 64.10 (63.80 to 64.80): VV011591.D (-147) (-)

Ion 66.05 (65.75 to 66.75): VV011591.D (-147) (-)





#13

Acetone

Concen: 2.947 ug/L

RT: 2.23 min Scan# 353

Delta R.T. 0.01 min

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Acq: 19 Jun 2019 03:18

Instrument :

MSVOA_V

ClientSampled :

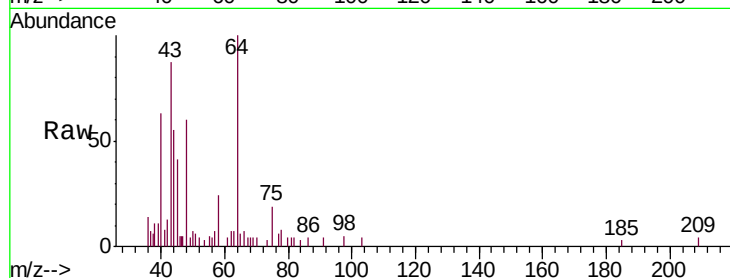
COM94

Tgt Ion: 43 Resp: 7003

Ion Ratio Lower Upper

43 100

58 20.9 0.0 57.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.23

2500

2000

1500

1000

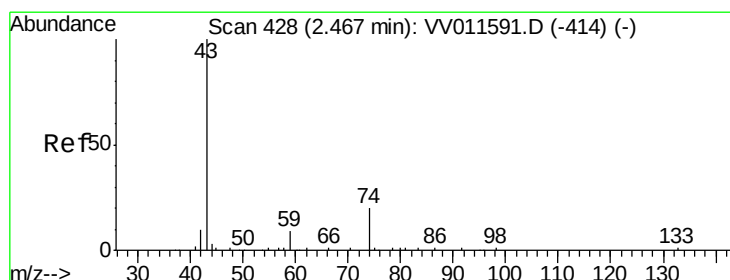
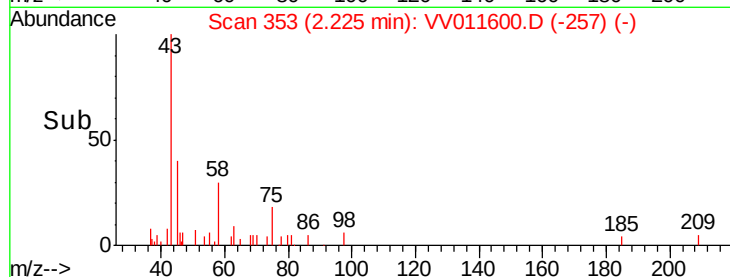
500

0

Time-->

2.20

2.30



#15

Methyl Acetate

Concen: 1.769 ug/L

RT: 2.44 min Scan# 419

Delta R.T. -0.03 min

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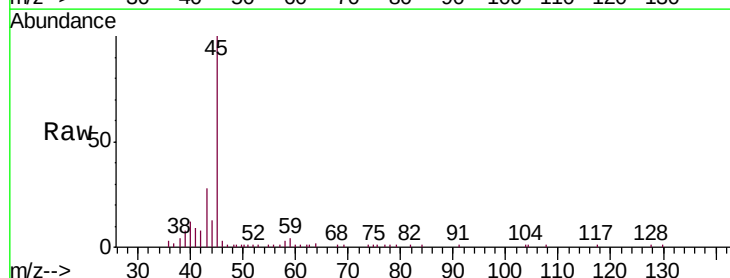
Acq: 19 Jun 2019 03:18

Tgt Ion: 43 Resp: 11147

Ion Ratio Lower Upper

43 100

74 0.2 16.5 24.7#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

2.44

6000

5000

4000

3000

2000

1000

0

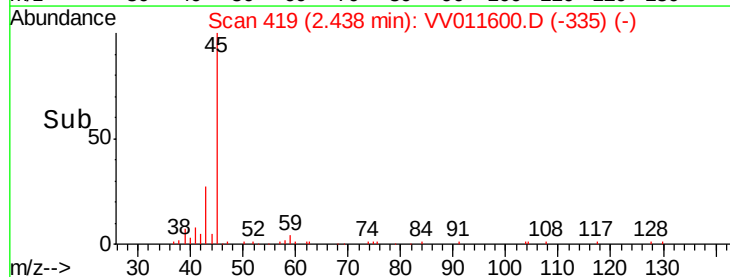
Time-->

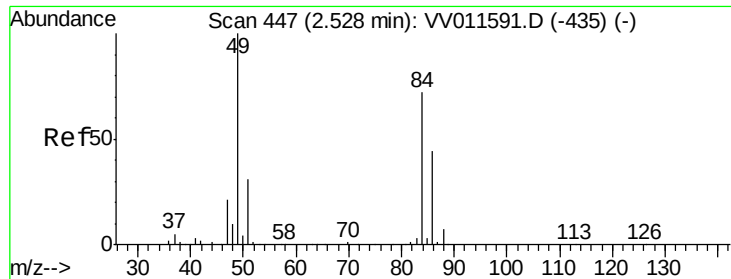
2.30

2.35

2.40

2.45

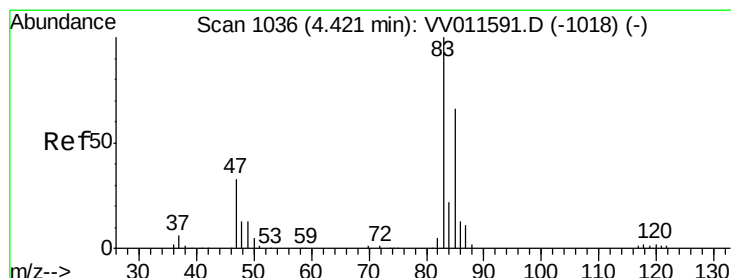
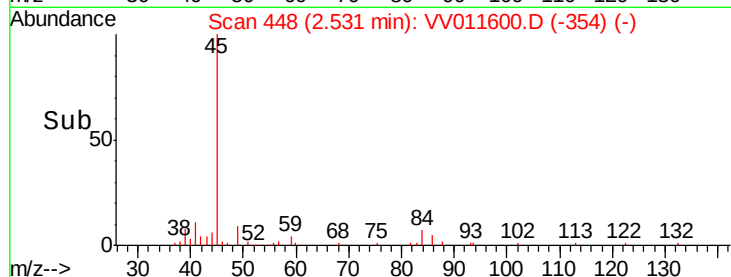
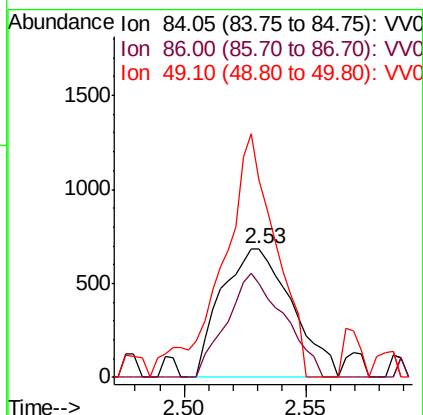
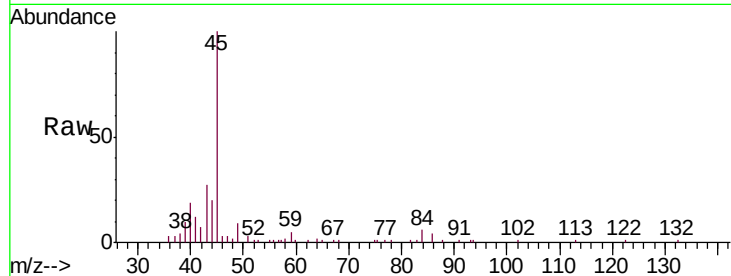




#16
Methylene chloride
Concen: 0.117 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV011600.D
Acq: 19 Jun 2019 03:18

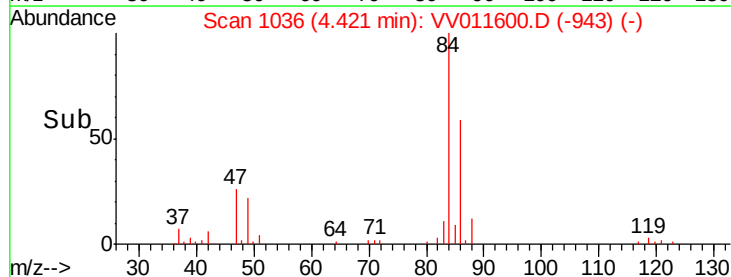
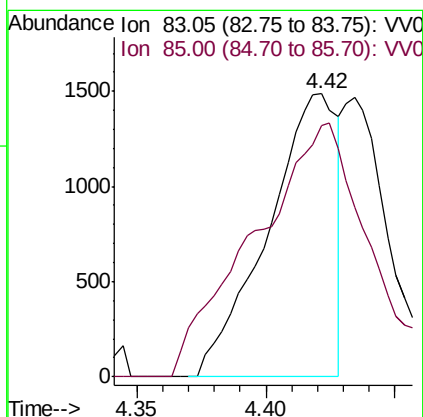
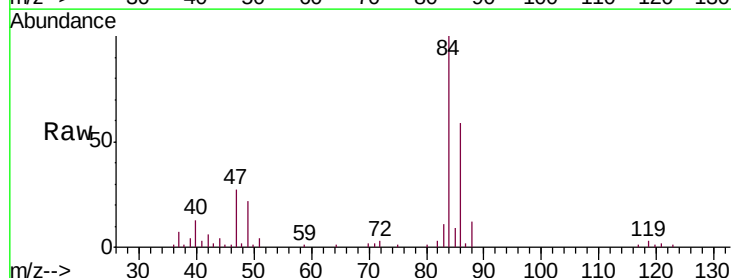
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MSVOA_V
ClientSampled :
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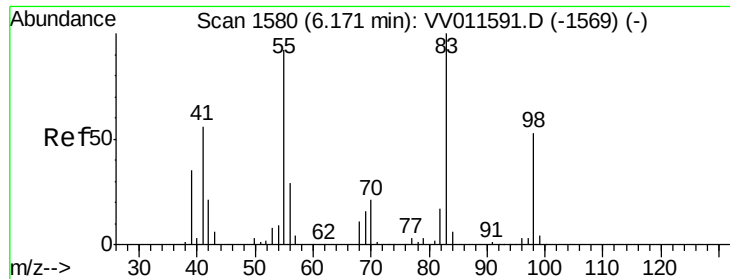
Tgt Ion: 84 Resp: 1373
Ion Ratio Lower Upper
84 100
86 73.4 42.5 78.9
49 153.9 97.7 181.5



#25
Chloroform
Concen: 0.115 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV011600.D
Acq: 19 Jun 2019 03:18

Tgt Ion: 83 Resp: 2776
Ion Ratio Lower Upper
83 100
85 88.6 44.6 82.8#

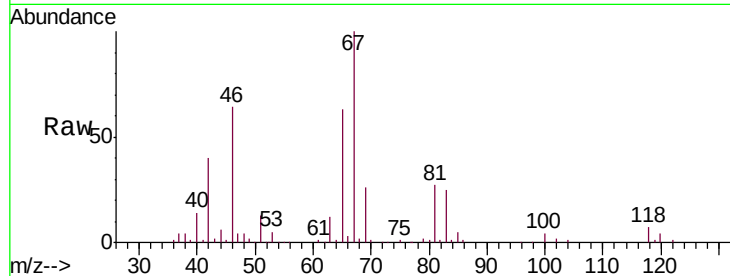




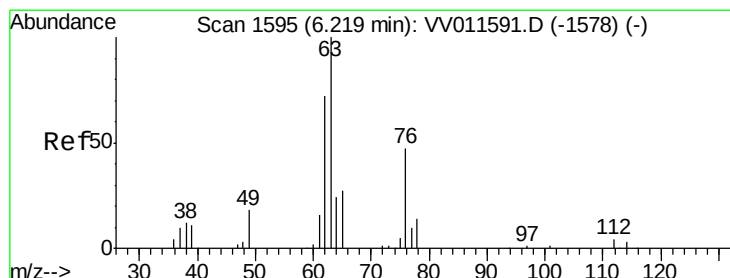
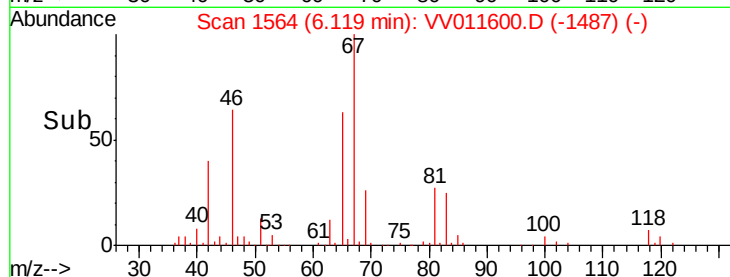
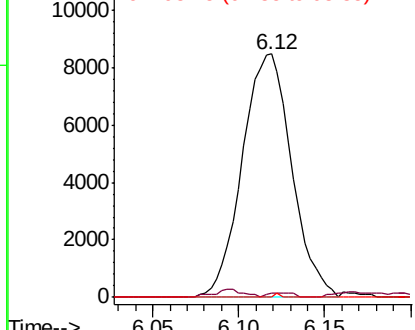
#35
Methylcyclohexane
Concen: 0.939 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV011600.D
Acq: 19 Jun 2019 03:18

Instrument :
MSVOA_V
ClientSampleId :
COM94

Tgt Ion: 83 Resp: 16844
Ion Ratio Lower Upper
83 100
55 0.9 67.9 101.9#
98 0.2 39.6 59.4#

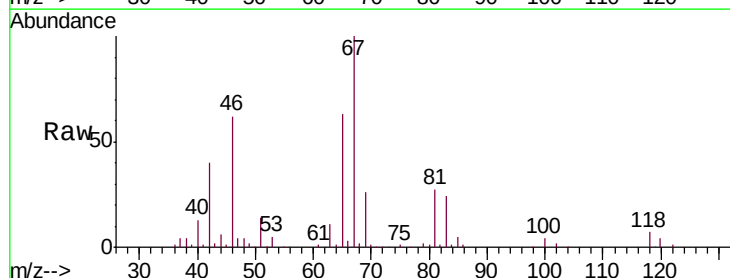


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0



#37
1,2-Dichloropropane
Concen: 0.648 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011600.D
Acq: 19 Jun 2019 03:18

Tgt Ion: 63 Resp: 8502
Ion Ratio Lower Upper
63 100
112 0.5 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

