

Data File : VV011992.D
Acq On : 24 Jul 2019 03:41
Operator : SY/MD
Sample : K3958-09
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2A20

Quant Time: Jul 24 07:52:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 24 07:47:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	148307	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	142901	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	69806	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34310	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.59	69	26971	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.13	63	55612	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	3.95	46	104881	46.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.10%
24) Chloroform-d	4.40	84	91631	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.08	65	51218	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.10	84	184967	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.12	67	52530	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.36	98	167596	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	7.67	79	19251	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.13	63	83531	44.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.88%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37158	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	67587	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

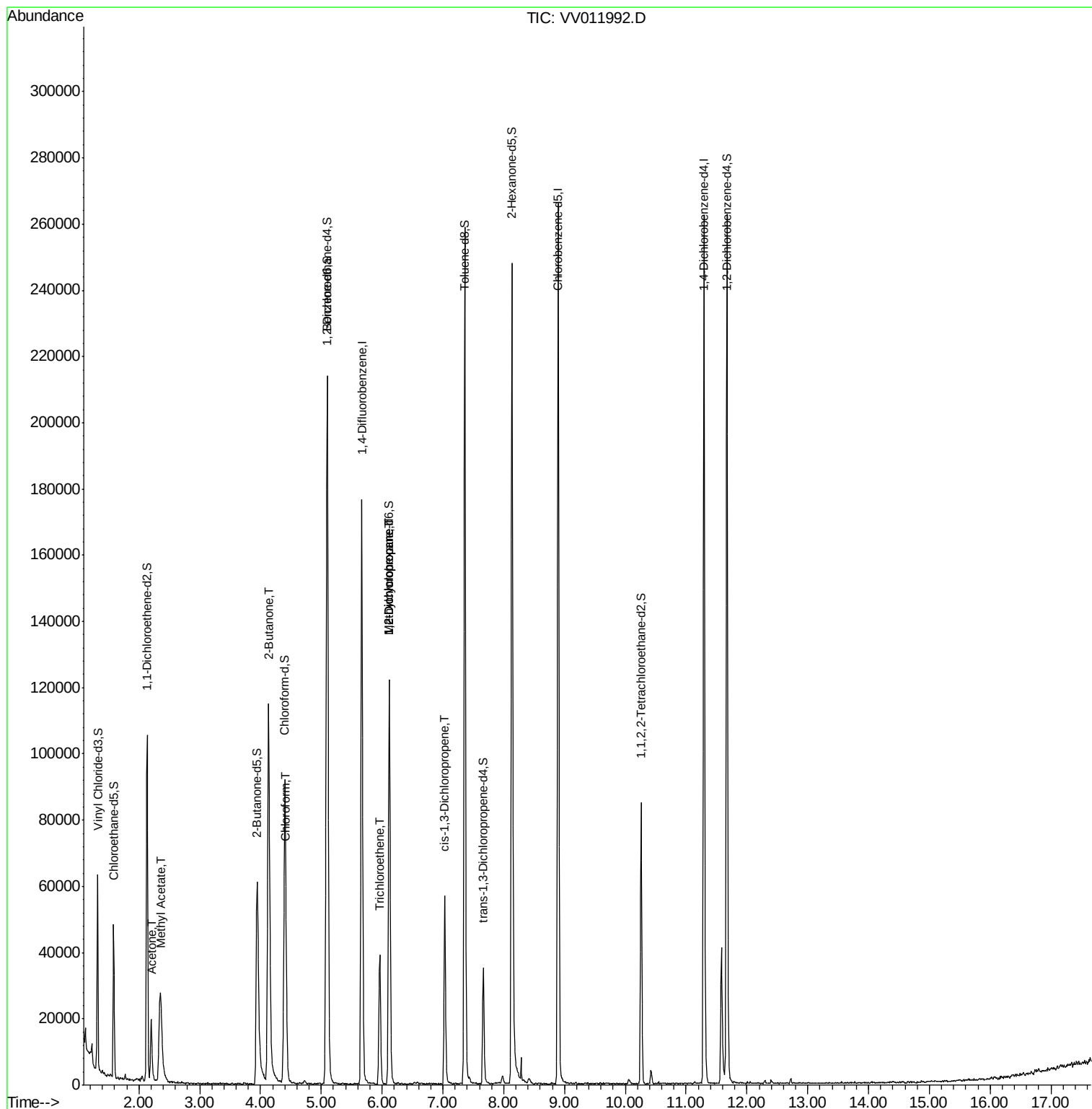
						Qvalue
13) Acetone	2.20	43	21782	17.934	ug/L	99
15) Methyl Acetate	2.35	43	13149	4.959	ug/L #	45
21) 2-Butanone	4.13	43	179345	76.976	ug/L #	48
25) Chloroform	4.43	83	5260	0.235	ug/L	96
34) Trichloroethene	5.96	95	12187	1.044	ug/L	98
35) Methylcyclohexane	6.12	83	13872	0.764	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	6873	0.680	ug/L #	84
39) cis-1,3-Dichloropropene	7.03	75	1425	0.095	ug/L #	53

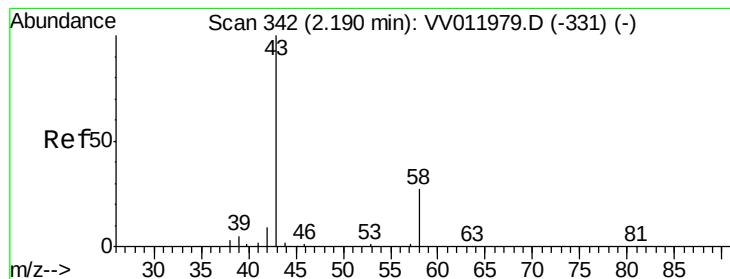
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 17.934 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.01 min

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Acq: 24 Jul 2019 03:41

Instrument :

MSVOA_V

ClientSampled :

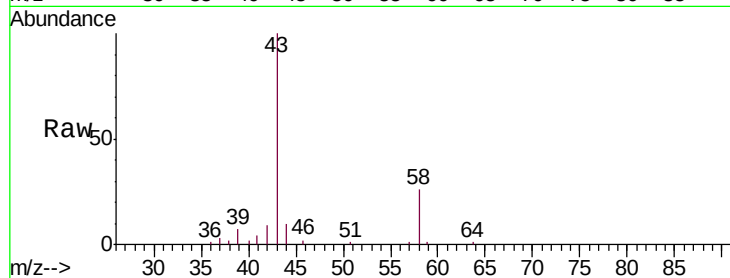
F2A20

Tgt Ion: 43 Resp: 21782

Ion Ratio Lower Upper

43 100

58 25.2 0.0 51.8



Abundance Ion 43.05 (42.75 to 43.75): VV011992.D (-249) (-)

Ion 58.05 (57.75 to 58.75): VV011992.D (-249) (-)

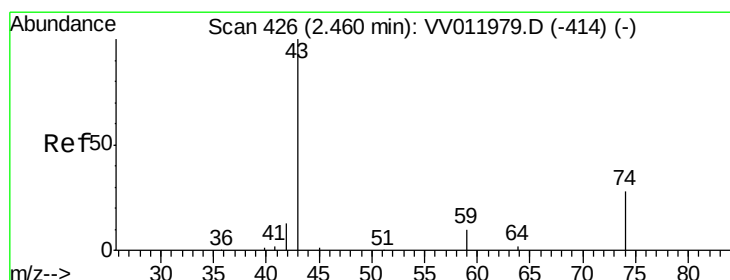
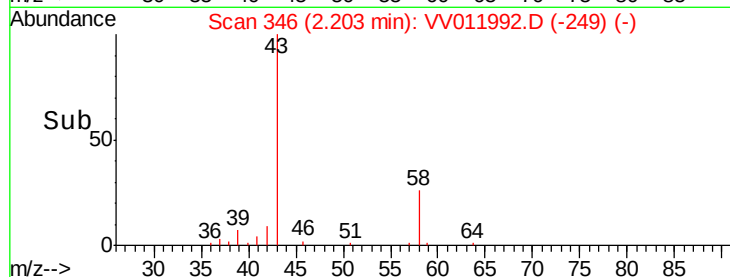
2.20

10000

5000

0

Time-->



#15

Methyl Acetate

Concen: 4.959 ug/L

RT: 2.35 min Scan# 392

Delta R.T. -0.11 min

Lab File: VV011992.D

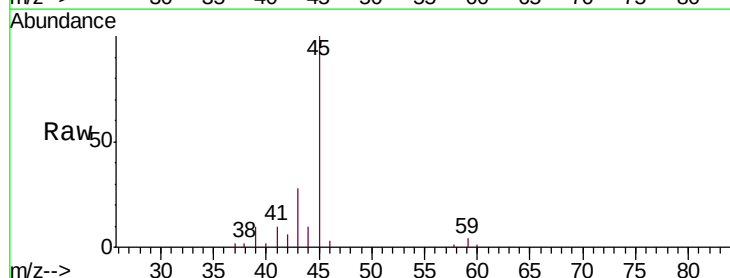
Acq: 24 Jul 2019 03:41

Tgt Ion: 43 Resp: 13149

Ion Ratio Lower Upper

43 100

74 0.0 23.4 35.2#



Abundance Ion 43.05 (42.75 to 43.75): VV011992.D (-333) (-)

Ion 74.05 (73.75 to 74.75): VV011992.D (-333) (-)

2.35

5000

4000

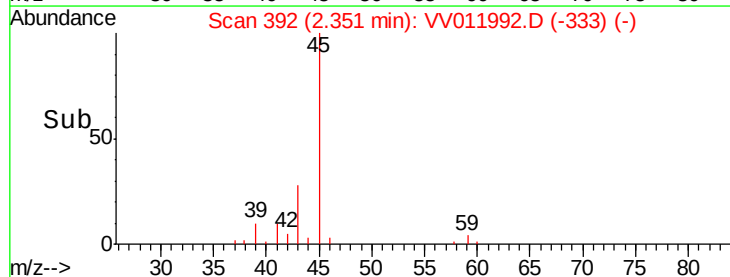
3000

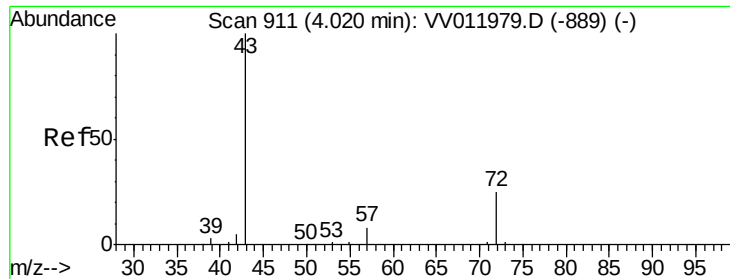
2000

1000

0

Time-->





#21

2-Butanone

Concen: 76.976 ug/L

RT: 4.13 min Scan# 946

Delta R.T. 0.11 min

Lab File: VV011992.D

Acq: 24 Jul 2019 03:41

Instrument :

MSVOA_V

ClientSampleId :

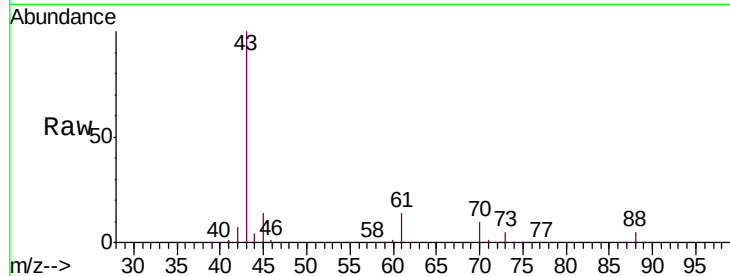
F2A20

Tgt Ion: 43 Resp: 179345

Ion Ratio Lower Upper

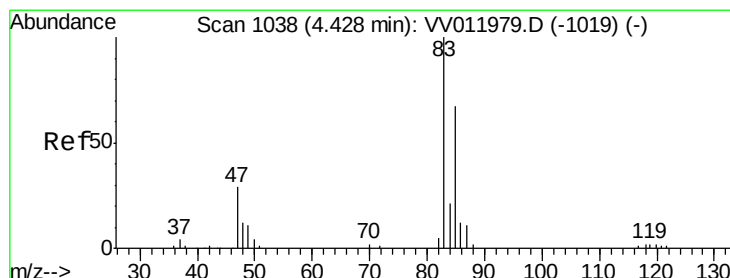
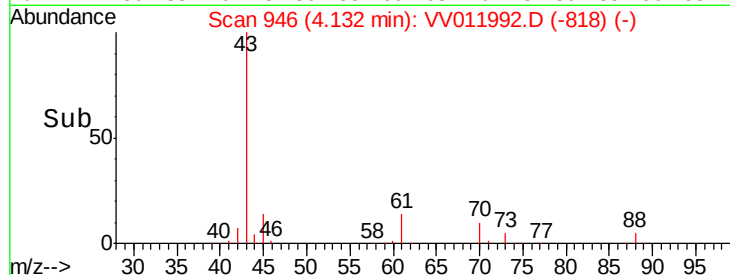
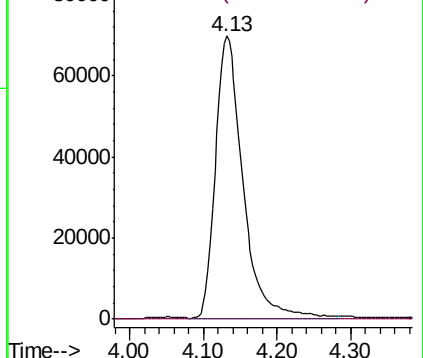
43 100

72 0.0 13.6 40.8#



Abundance Ion 43.05 (42.75 to 43.75): VV011992.D (-818) (-)

Ion 72.10 (71.80 to 72.80): VV011992.D (-818) (-)



#25

Chloroform

Concen: 0.235 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. -0.00 min

Lab File: VV011992.D

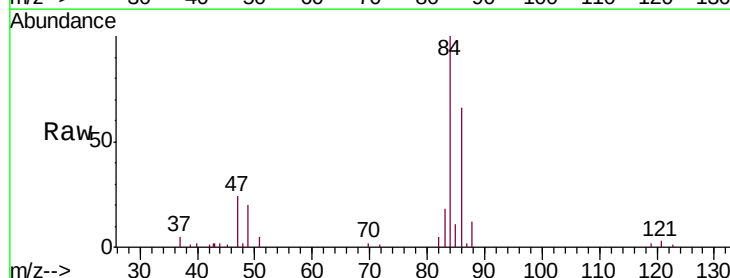
Acq: 24 Jul 2019 03:41

Tgt Ion: 83 Resp: 5260

Ion Ratio Lower Upper

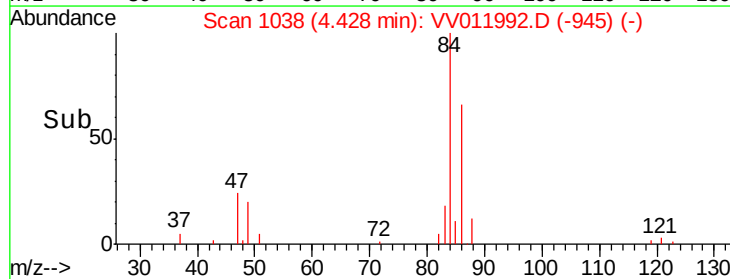
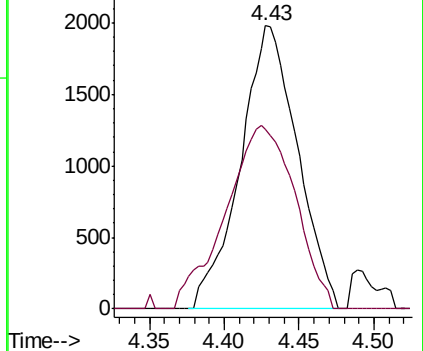
83 100

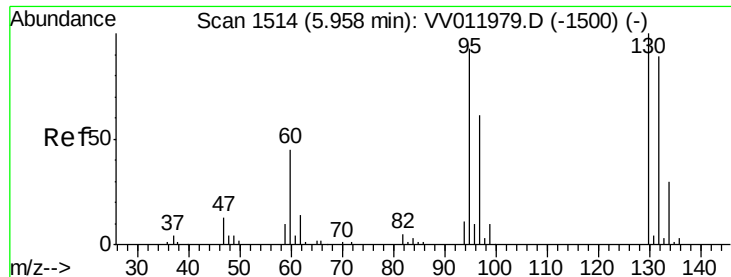
85 63.4 46.5 86.3



Abundance Ion 83.05 (82.75 to 83.75): VV011992.D (-945) (-)

Ion 85.00 (84.70 to 85.70): VV011992.D (-945) (-)

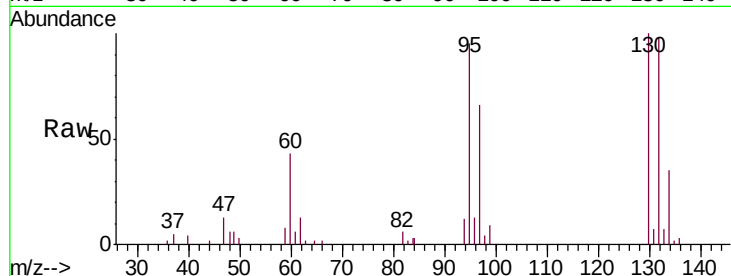




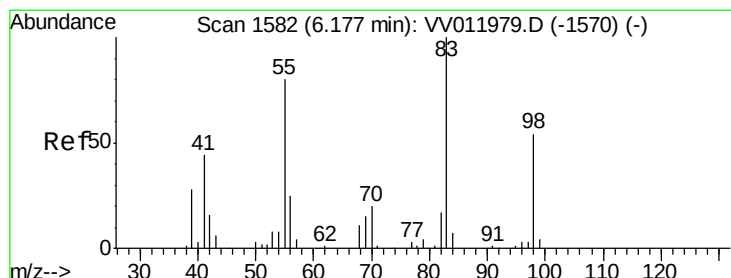
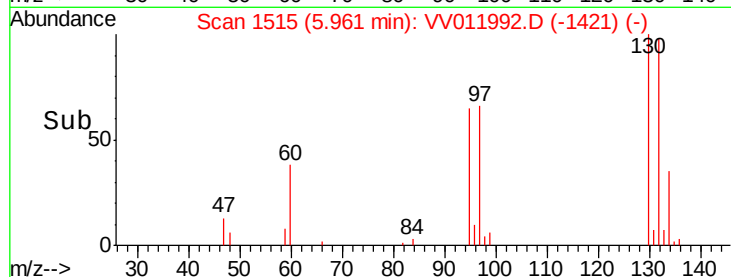
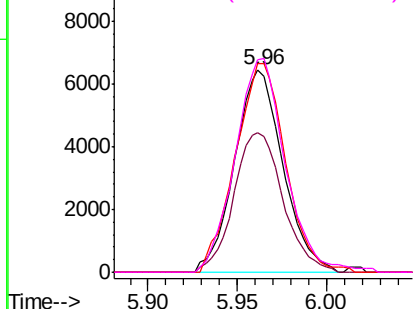
#34
 Trichloroethene
 Concen: 1.044 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: VV011992.D
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Instrument :
 MSVOA_V
 ClientSampleId :
 F2A20

Tgt Ion: 95 Resp: 12187
 Ion Ratio Lower Upper
 95 100
 97 68.8 45.6 84.6
 132 102.9 71.3 132.3
 130 104.8 72.8 135.2

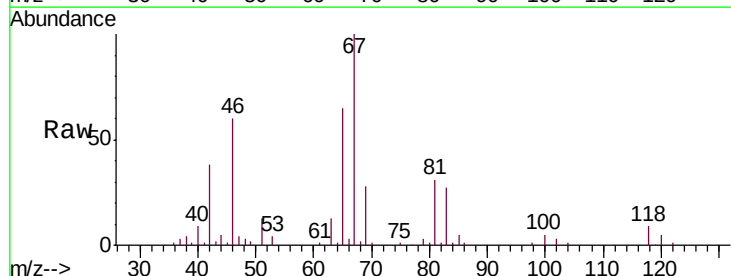


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

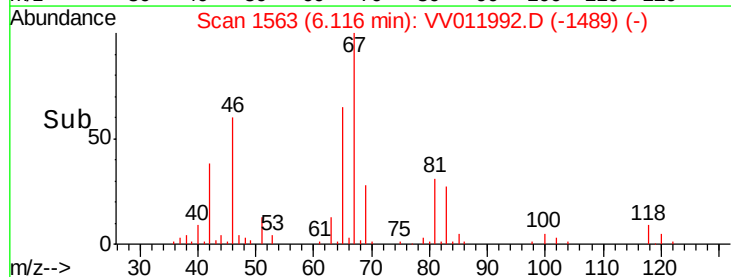
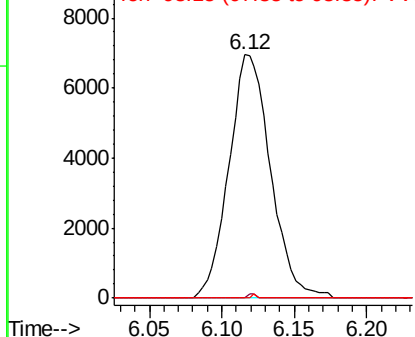


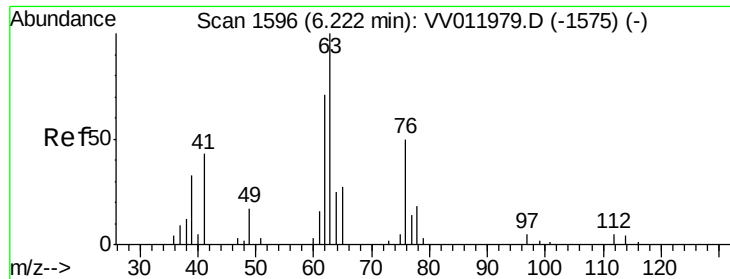
#35
 Methylcyclohexane
 Concen: 0.764 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.06 min
 Lab File: VV011992.D
 Acq: 24 Jul 2019 03:41

Tgt Ion: 83 Resp: 13872
 Ion Ratio Lower Upper
 83 100
 55 0.3 63.0 94.4#
 98 0.2 41.4 62.0#



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

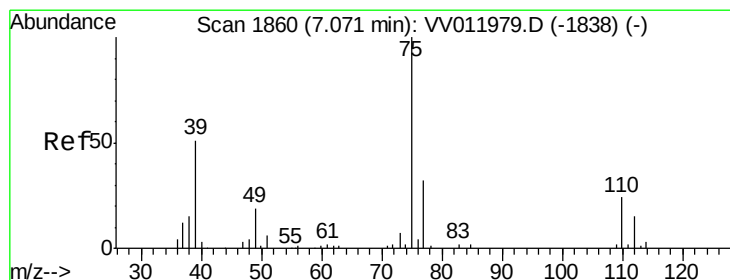
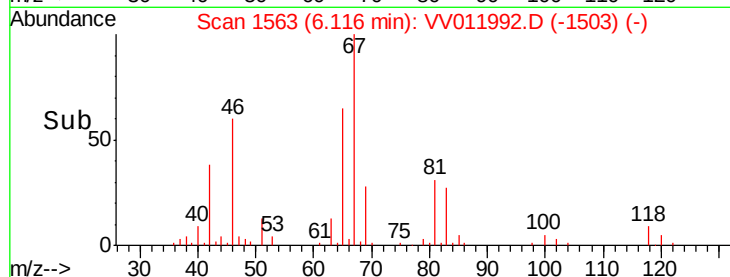
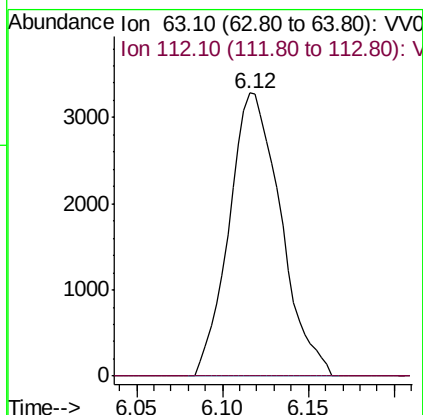
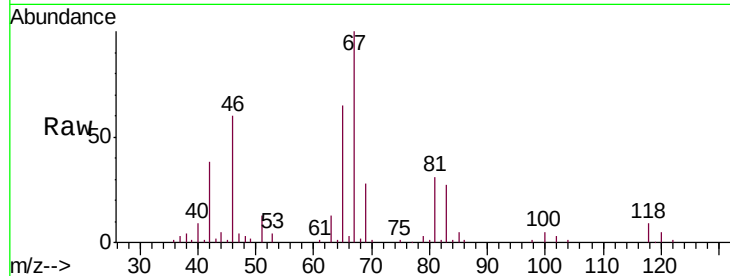




#37
 1,2-Dichloropropane
 Concen: 0.680 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.11 min
 Lab File: VV011992.D
 Acq: 24 Jul 2019 03:41

Instrument :
 MSVOA_V
 ClientSampleId :
 F2A20

Tgt Ion: 63 Resp: 6873
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.095 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011992.D
 Acq: 24 Jul 2019 03:41

Tgt Ion: 75 Resp: 1425
 Ion Ratio Lower Upper
 75 100
 77 56.1 21.3 39.6#

