

Data File : VV008116.D
Acq On : 05 Oct 2018 23:37
Operator : SY/MD
Sample : J5278-11
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BEYE8

Quant Time: Oct 06 02:16:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 06 01:03:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	108083	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	102770	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	46628	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26020	3.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.40%
7) Chloroethane-d5	1.59	69	22819	4.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.60%
11) 1,1-Dichloroethene-d2	2.14	63	39865	3.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.40%
20) 2-Butanone-d5	3.96	46	68660	43.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.04%
24) Chloroform-d	4.41	84	55826	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.40%
26) 1,2-Dichloroethane-d4	5.09	65	29276	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
32) Benzene-d6	5.10	84	109562	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
36) 1,2-Dichloropropane-d6	6.12	67	34491	4.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.80%
41) Toluene-d8	7.36	98	98099	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.80%
43) trans-1,3-Dichloropropene-	7.67	79	11128	3.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.80%
46) 2-Hexanone-d5	8.14	63	47605	41.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.38%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23338	3.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	40244	4.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.00%

Target Compounds

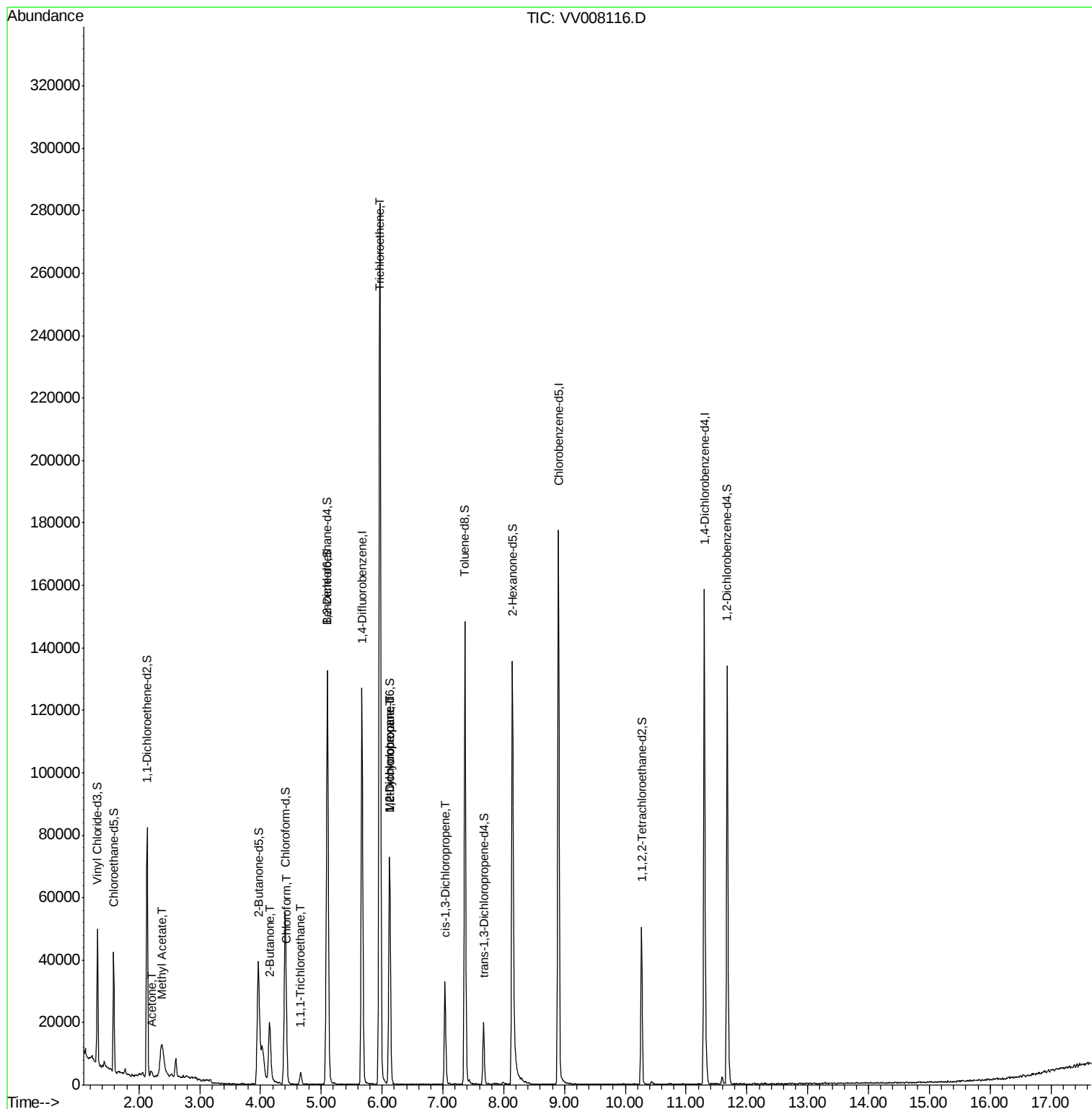
						Qvalue
13) Acetone	2.21	43	2079	1.922	ug/L	93
15) Methyl Acetate	2.37	43	8639	3.365	ug/L #	53
21) 2-Butanone	4.15	43	30213	17.318	ug/L #	49
25) Chloroform	4.43	83	1261	0.096	ug/L	82
29) 1,1,1-Trichloroethane	4.66	97	2820	0.247	ug/L	94
34) Trichloroethene	5.96	95	95931	12.677	ug/L	98
35) Methylcyclohexane	6.12	83	8481	0.802	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	3977	0.568	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	844	0.094	ug/L #	55

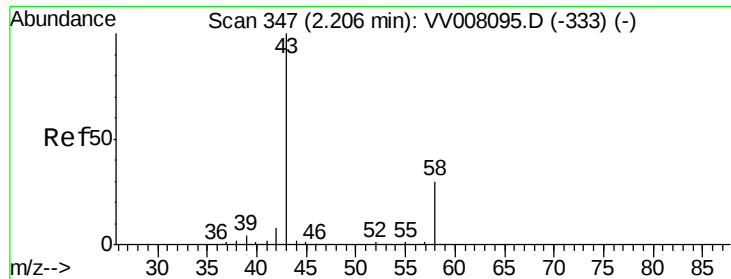
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.922 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.01 min

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Acq: 05 Oct 2018 23:37

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MSVOA_V

ClientSampleId :

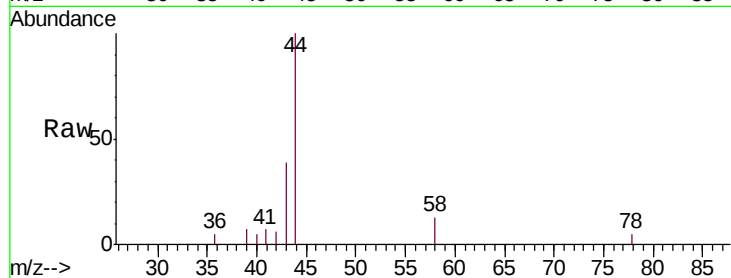
BEYE8

Tgt Ion: 43 Resp: 2079

Ion Ratio Lower Upper

43 100

58 27.2 0.0 62.2



Abundance Ion 43.05 (42.75 to 43.75): VV008095.D (-333) (-)

Ion 58.05 (57.75 to 58.75): VV008095.D (-333) (-)

2.21

800

600

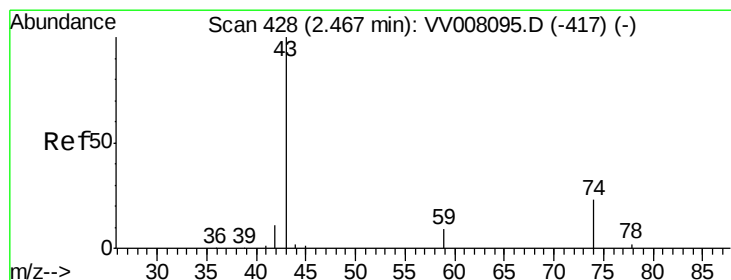
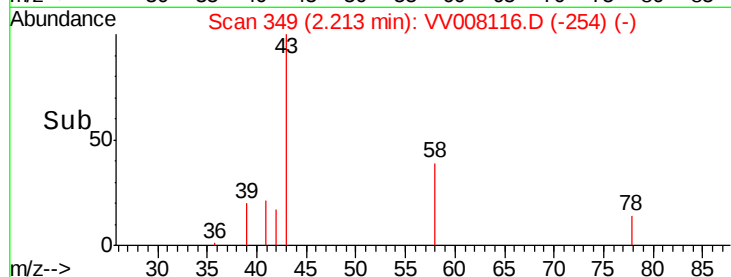
400

200

0

Time-->

2.15 2.20 2.25



#15

Methyl Acetate

Concen: 3.365 ug/L

RT: 2.37 min Scan# 399

Delta R.T. -0.09 min

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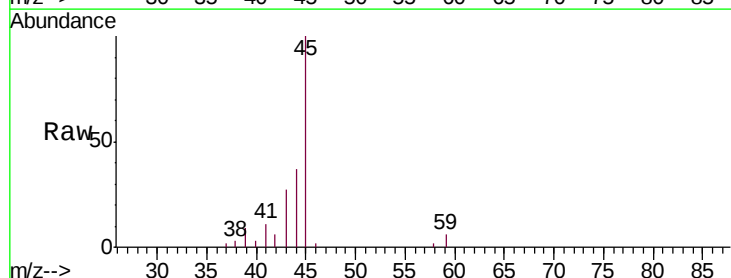
Acq: 05 Oct 2018 23:37

Tgt Ion: 43 Resp: 8639

Ion Ratio Lower Upper

43 100

74 0.0 18.1 27.1#



Abundance Ion 43.05 (42.75 to 43.75): VV008095.D (-417) (-)

Ion 74.05 (73.75 to 74.75): VV008095.D (-417) (-)

2.37

2000

1500

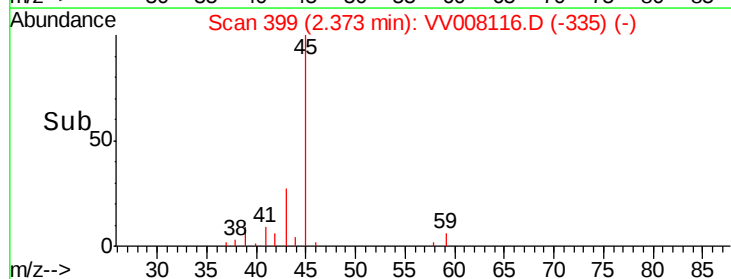
1000

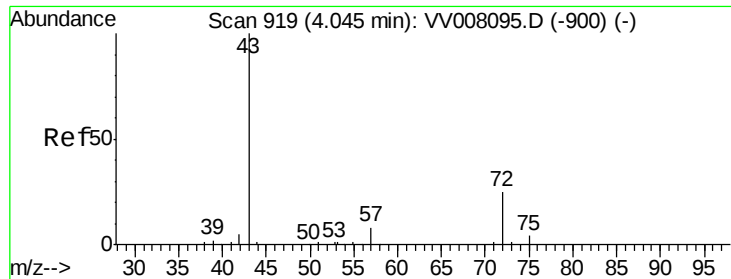
500

0

Time-->

2.20 2.30 2.40 2.50

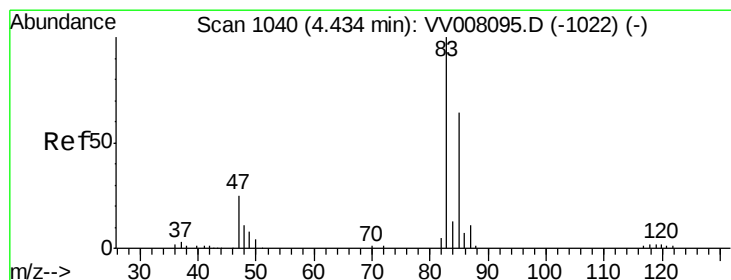
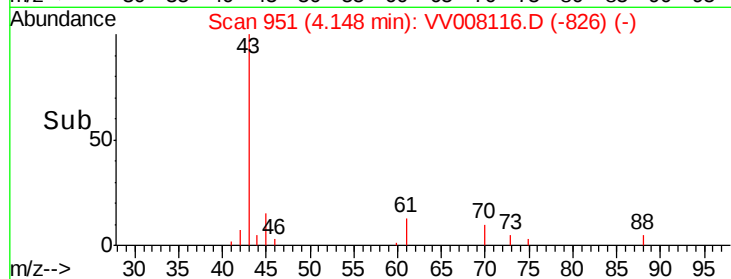
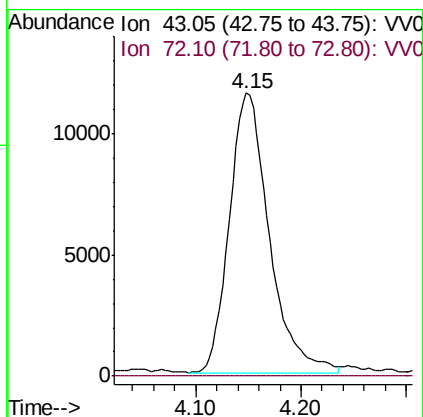
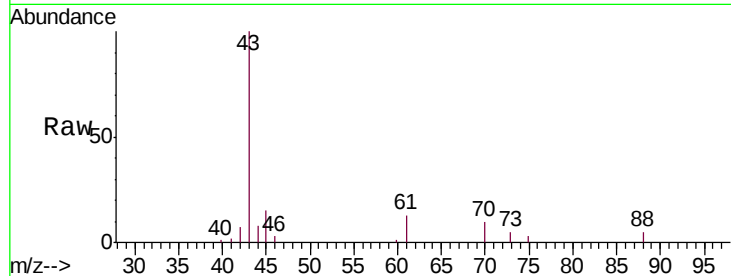




#21
 2-Butanone
 Concen: 17.318 ug/L
 RT: 4.15 min Scan# 951
 Delta R.T. 0.10 min
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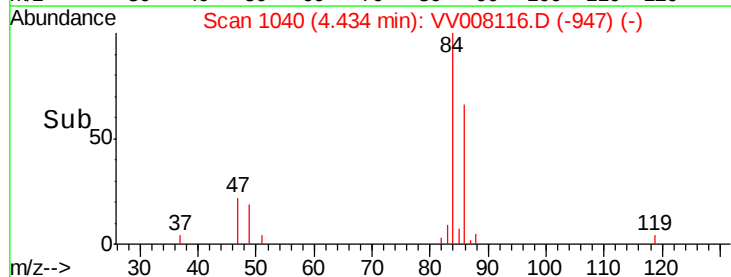
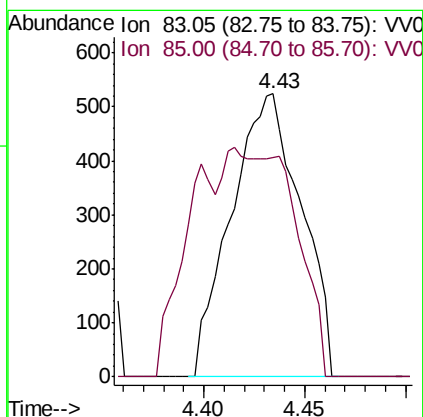
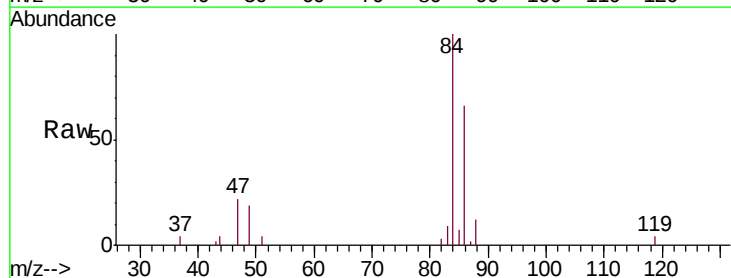
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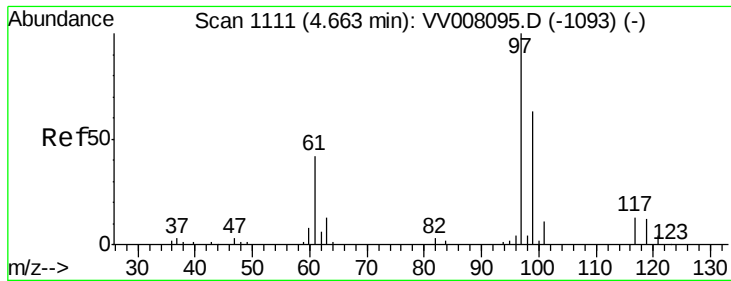
Tgt Ion: 43 Resp: 30213
 Ion Ratio Lower Upper
 43 100
 72 0.0 12.9 38.6#



#25
 Chloroform
 Concen: 0.096 ug/L
 RT: 4.43 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: VV008116.D
 Acq: 05 Oct 2018 23:37

Tgt Ion: 83 Resp: 1261
 Ion Ratio Lower Upper
 83 100
 85 77.7 44.6 82.8

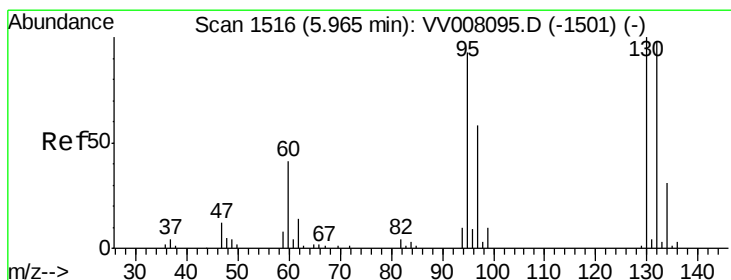
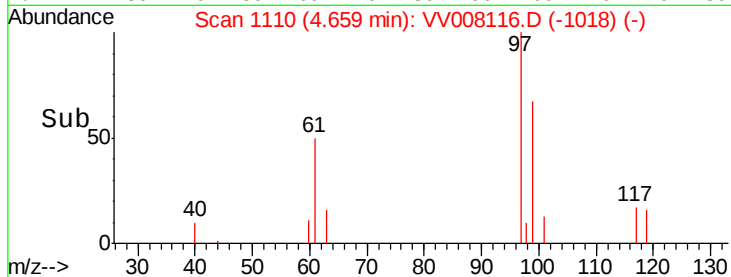
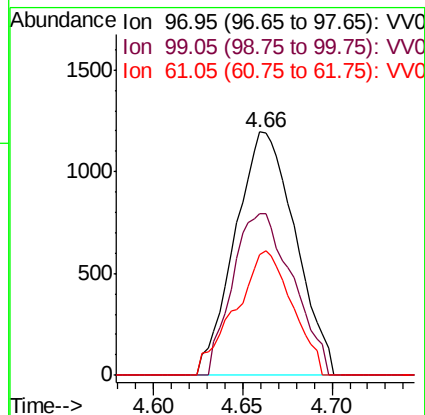
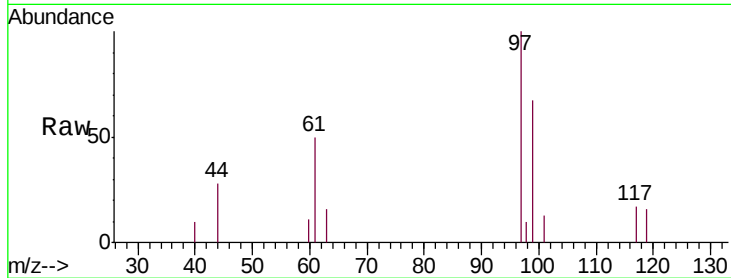




#29
 1,1,1-Trichloroethane
 Concen: 0.247 ug/L
 RT: 4.66 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VV008116.D
 Acq: 05 Oct 2018 23:37

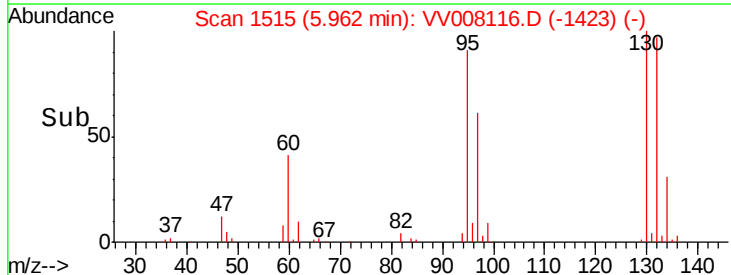
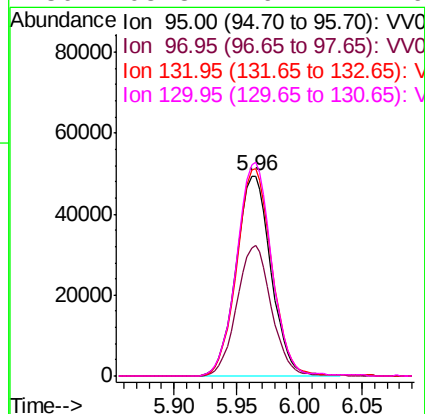
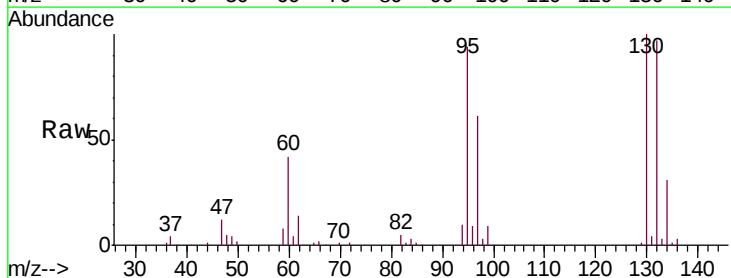
Instrument :
 MSVOA_V
 ClientSampleID :
 BEYE8

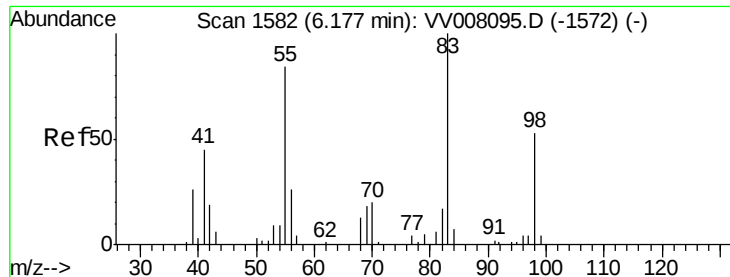
Tgt Ion: 97 Resp: 2820
 Ion Ratio Lower Upper
 97 100
 99 66.4 51.0 76.4
 61 48.2 34.0 51.0



#34
 Trichloroethene
 Concen: 12.677 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: VV008116.D
 Acq: 05 Oct 2018 23:37

Tgt Ion: 95 Resp: 95931
 Ion Ratio Lower Upper
 95 100
 97 64.3 44.9 83.5
 132 102.9 73.6 136.6
 130 105.8 76.2 141.6

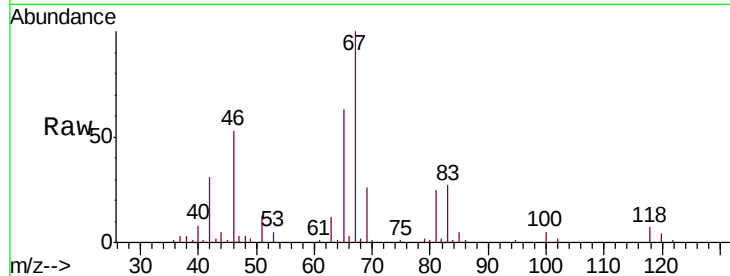




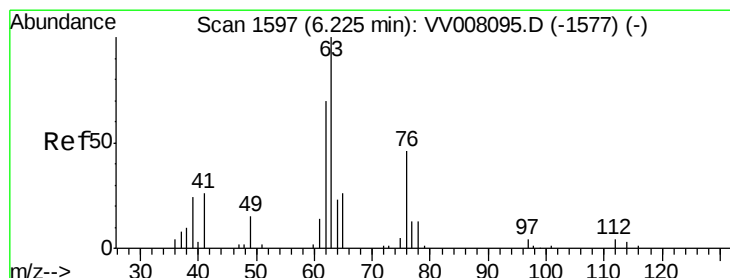
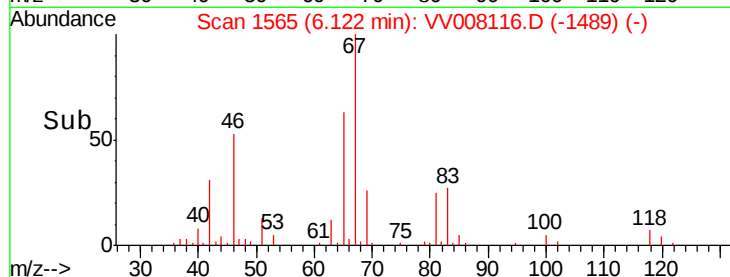
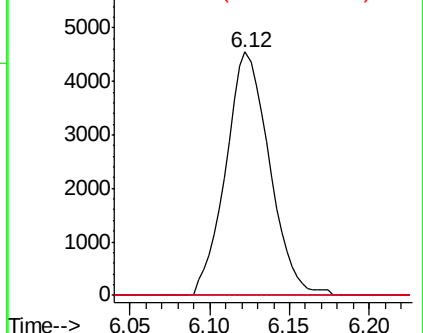
#35
Methylcyclohexane
Concen: 0.802 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008116.D
Acq: 05 Oct 2018 23:37

Instrument :
MSVOA_V
ClientSampleId :
BEYE8

Tgt Ion: 83 Resp: 8481
Ion Ratio Lower Upper
83 100
55 0.0 63.6 95.4#
98 3.9 38.3 57.5#

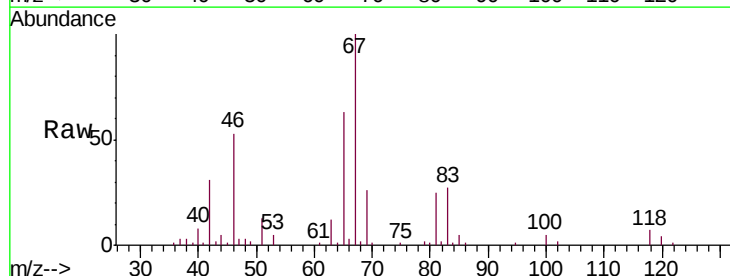


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

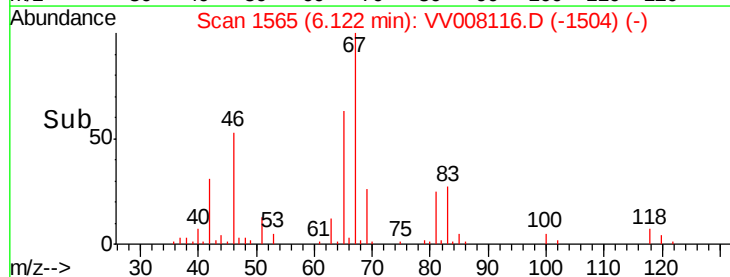
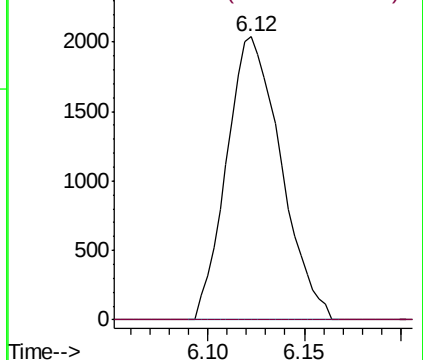


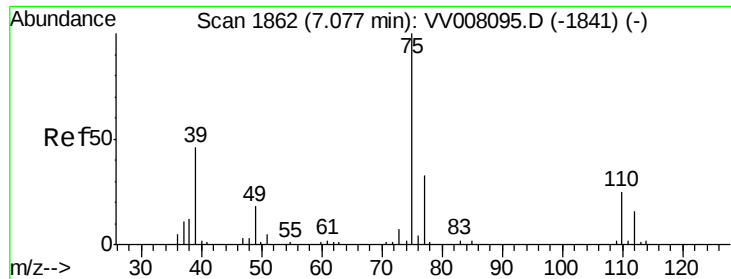
#37
1,2-Dichloropropane
Concen: 0.568 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008116.D
Acq: 05 Oct 2018 23:37

Tgt Ion: 63 Resp: 3977
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



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





#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.05 min

Lab File: VV008116.D

Acq: 05 Oct 2018 23:37

Instrument :

MSVOA_V

ClientSampleId :

BEYE8

Tgt Ion: 75 Resp: 844

Ion Ratio Lower Upper

75 100

77 56.3 22.1 41.1#

