

Data File : VV008164.D
Acq On : 08 Oct 2018 20:40
Operator : SY/MD
Sample : J5281-08
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BEYL5

Quant Time: Oct 09 03:40:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 09 03:37:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	84734	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	83054	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	37331	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26031	5.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.20%
7) Chloroethane-d5	1.59	69	21480	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.14	63	37949	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	3.96	46	64864	51.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.68%
24) Chloroform-d	4.41	84	52989	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.09	65	27300	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.10	84	103397	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.12	67	32449	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.36	98	92131	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	7.67	79	11010	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.14	63	40731	43.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.22%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21539	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	35982	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

					Qvalue	
8) Chloroethane	1.32	64	385	0.107	ug/L #	1
13) Acetone	2.21	43	1902	2.243	ug/L	91
15) Methyl Acetate	2.47	43	244	0.121	ug/L #	53
21) 2-Butanone	4.15	43	65276	47.726	ug/L #	49
25) Chloroform	4.43	83	923	0.090	ug/L	83
29) 1,1,1-Trichloroethane	4.66	97	1167	0.127	ug/L	97
34) Trichloroethene	5.96	95	48087	7.863	ug/L	99
35) Methylcyclohexane	6.13	83	8072	0.945	ug/L #	21
37) 1,2-Dichloropropane	6.13	63	3792	0.671	ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	789	0.109	ug/L #	60
48) 2-Hexanone	8.19	43	4227	1.943	ug/L #	58

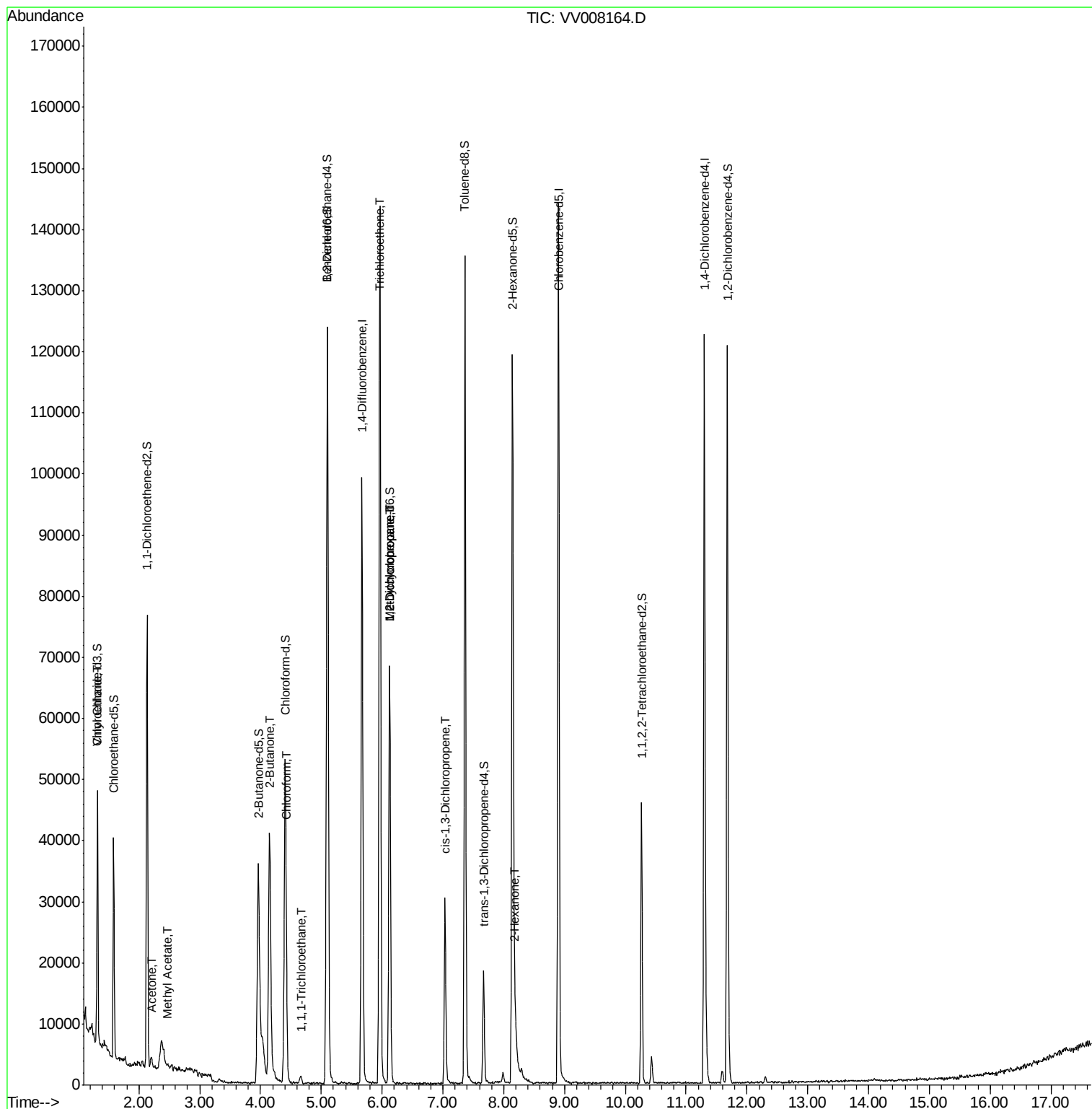
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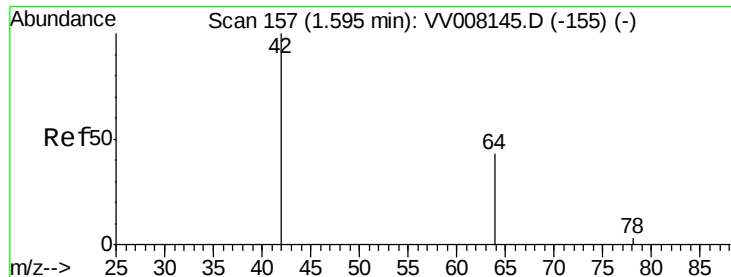
Data File : VV008164.D

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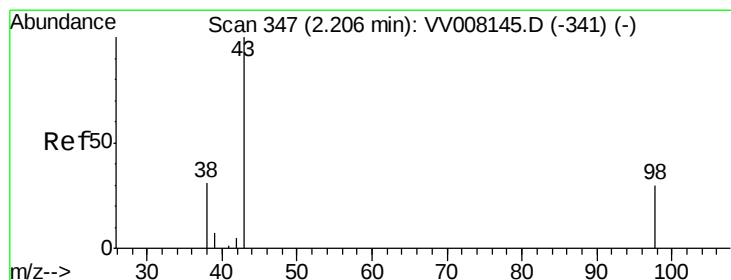
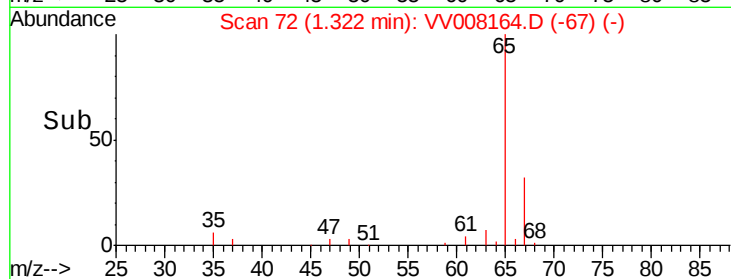
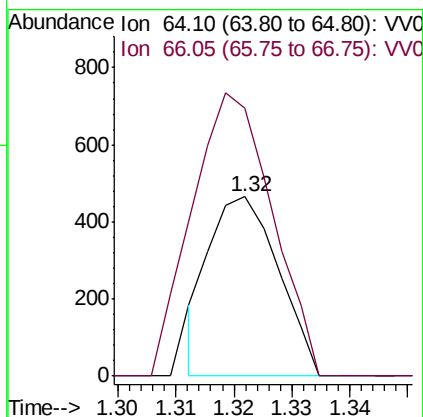
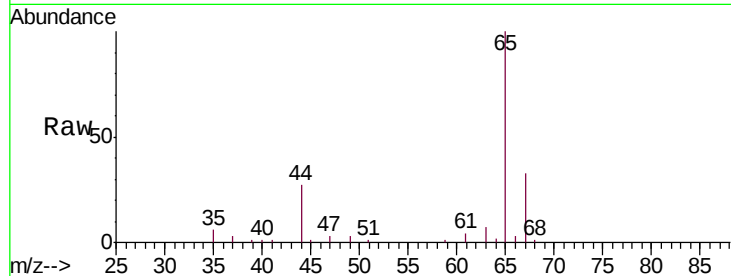




#8
Chloroethane
Concen: 0.107 ug/L
RT: 1.32 min Scan# 72
Delta R.T. -0.28 min
Lab File: VV008164.D
Acq: 08 Oct 2018 20:40

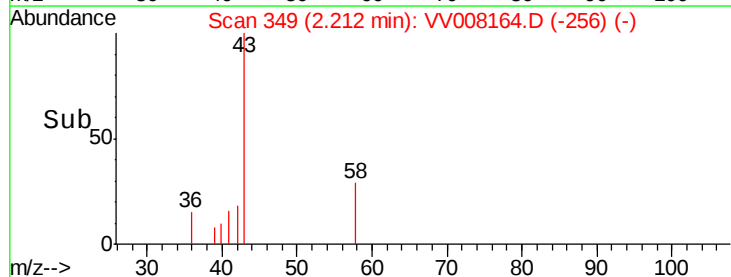
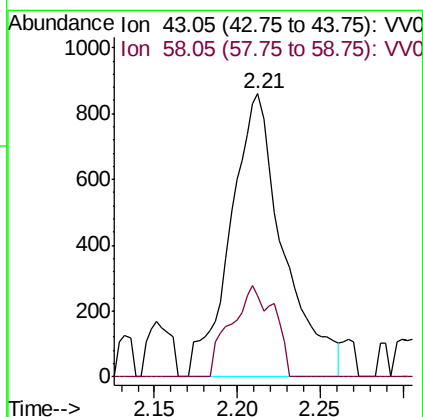
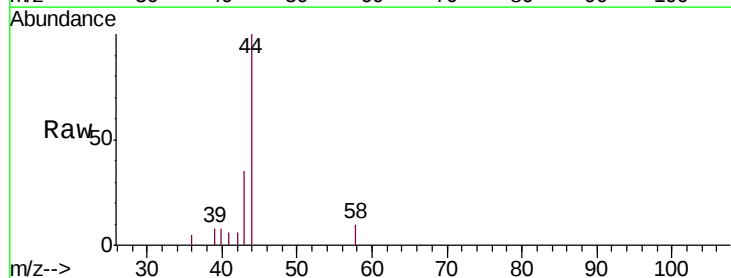
Instrument :
MSVOA_V
ClientSampled :
BEYL5

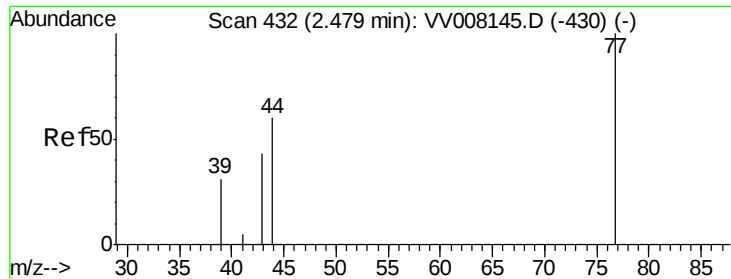
Tgt Ion: 64 Resp: 385
Ion Ratio Lower Upper
64 100
66 149.1 24.1 44.8#



#13
Acetone
Concen: 2.243 ug/L
RT: 2.21 min Scan# 349
Delta R.T. -0.00 min
Lab File: VV008164.D
Acq: 08 Oct 2018 20:40

Tgt Ion: 43 Resp: 1902
Ion Ratio Lower Upper
43 100
58 26.4 0.0 62.2

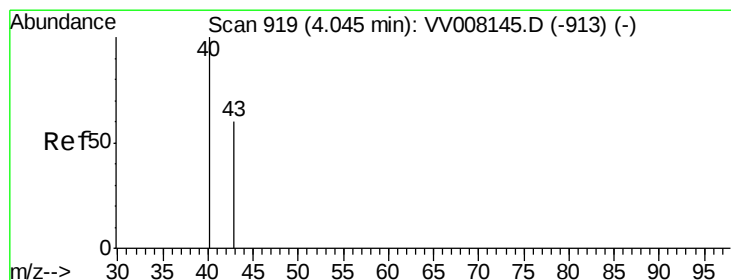
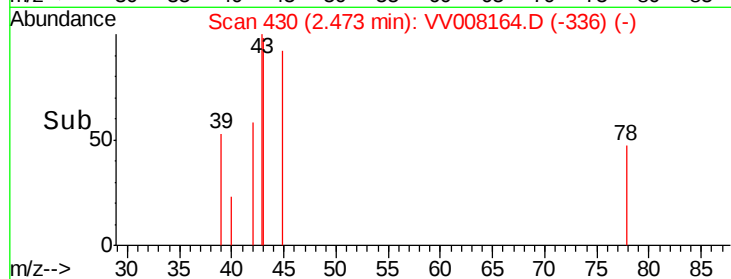
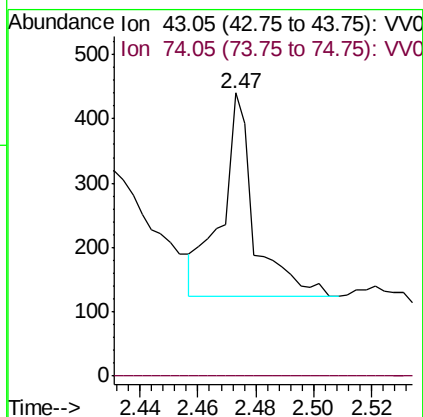
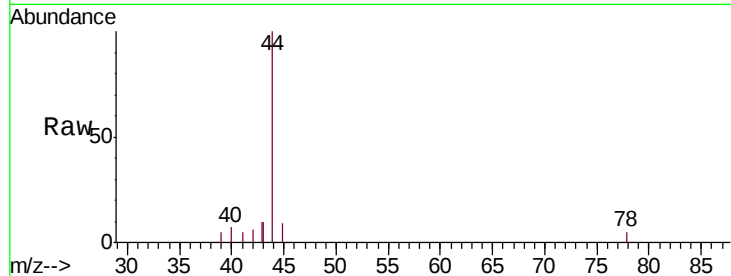




#15
Methyl Acetate
Concen: 0.121 ug/L
RT: 2.47 min Scan# 430
Delta R.T. 0.00 min
Lab File: VV008164.D
Acq: 08 Oct 2018 20:40

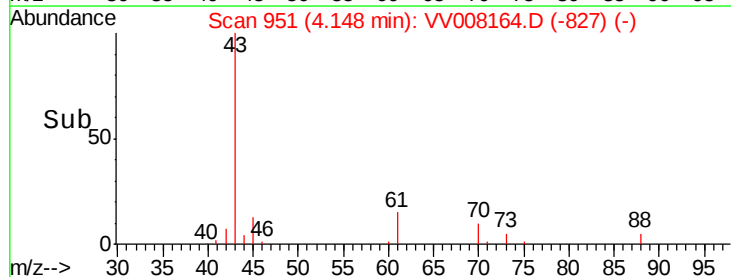
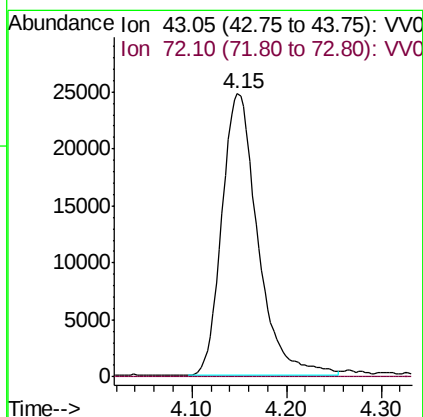
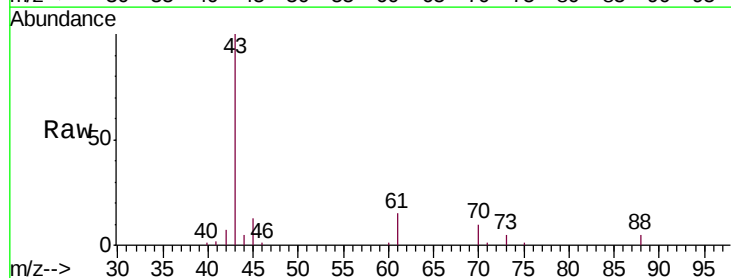
Instrument :
MSVOA_V
ClientSampled :
BEYL5

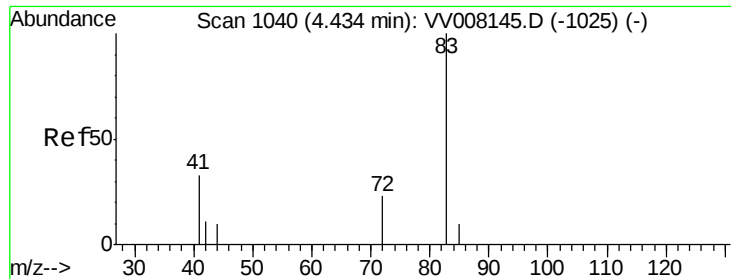
Tgt Ion: 43 Resp: 244
Ion Ratio Lower Upper
43 100
74 0.0 18.1 27.1#



#21
2-Butanone
Concen: 47.726 ug/L
RT: 4.15 min Scan# 951
Delta R.T. 0.10 min
Lab File: VV008164.D
Acq: 08 Oct 2018 20:40

Tgt Ion: 43 Resp: 65276
Ion Ratio Lower Upper
43 100
72 0.0 12.9 38.6#

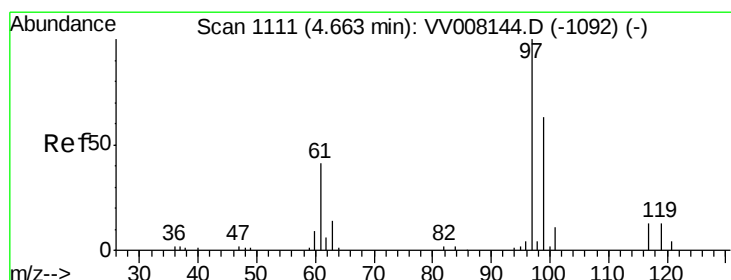
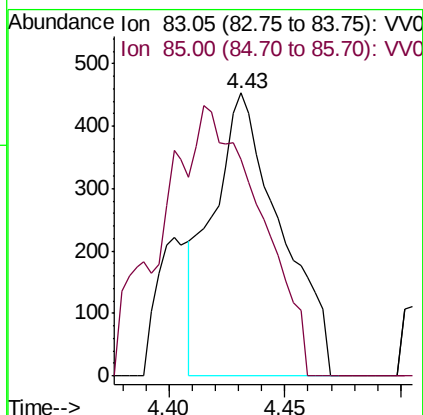
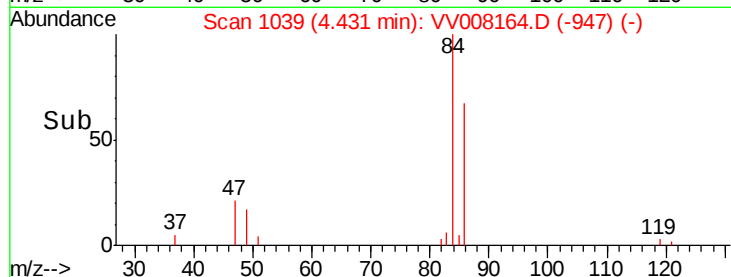
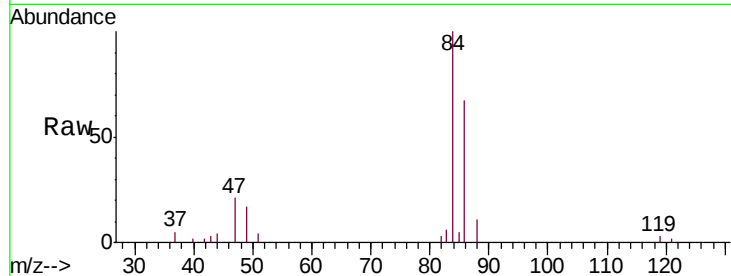




#25
Chloroform
Concen: 0.090 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. -0.00 min
Lab File: VV008164.D
Acq: 08 Oct 2018 20:40

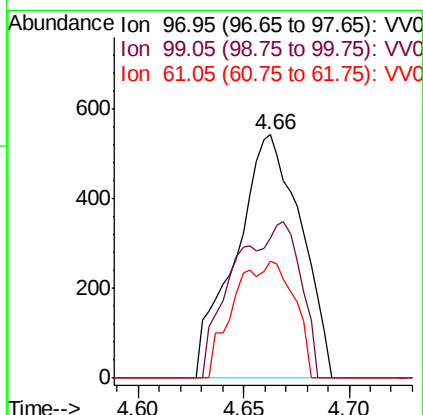
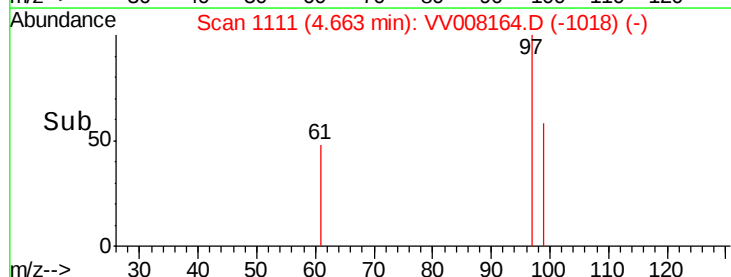
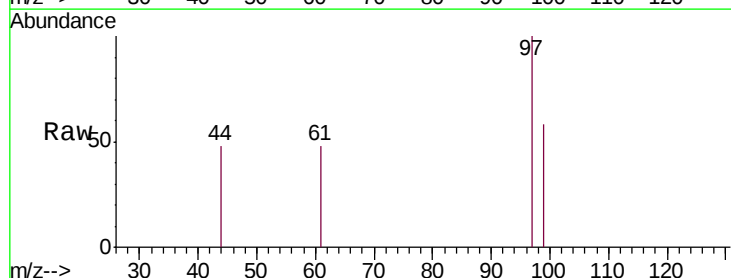
Instrument :
MSVOA_V
ClientSampled :
BEYL5

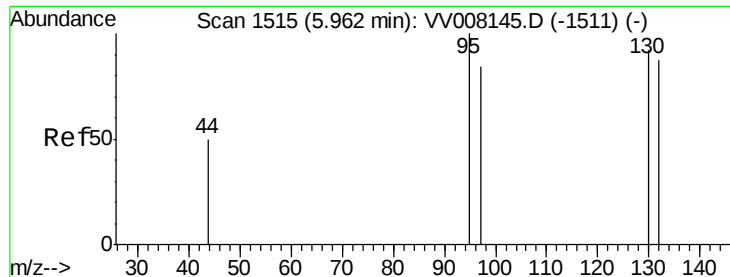
Tgt Ion: 83 Resp: 923
Ion Ratio Lower Upper
83 100
85 76.6 44.6 82.8



#29
1,1,1-Trichloroethane
Concen: 0.127 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VV008164.D
Acq: 08 Oct 2018 20:40

Tgt Ion: 97 Resp: 1167
Ion Ratio Lower Upper
97 100
99 65.9 51.0 76.4
61 44.5 34.0 51.0





#34

Trichloroethene

Concen: 7.863 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV008164.D

Acq: 08 Oct 2018 20:40

Instrument :

MSVOA_V

ClientSampleId :

BEYL5

Tgt Ion: 95 Resp: 48087

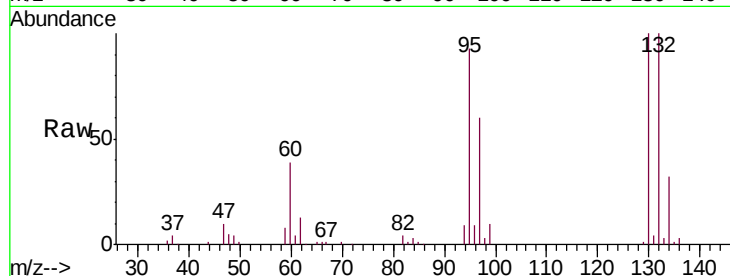
Ion Ratio Lower Upper

95 100

97 64.5 44.9 83.5

132 107.3 73.6 136.6

130 107.6 76.2 141.6

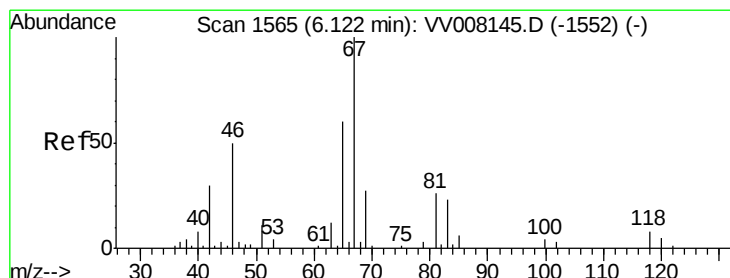
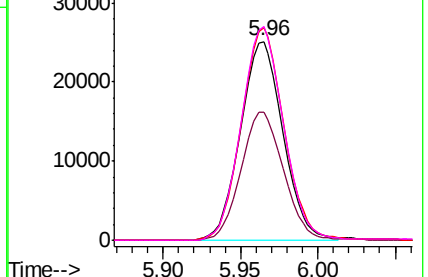
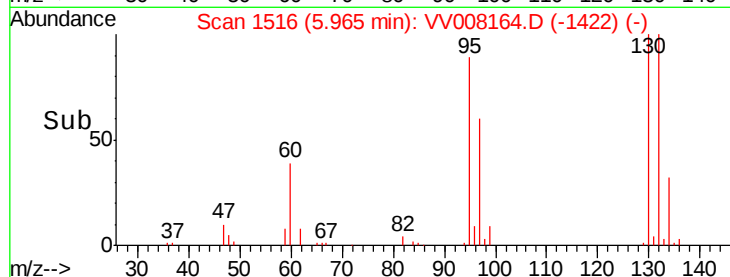


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.945 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.05 min

Lab File: VV008164.D

Acq: 08 Oct 2018 20:40

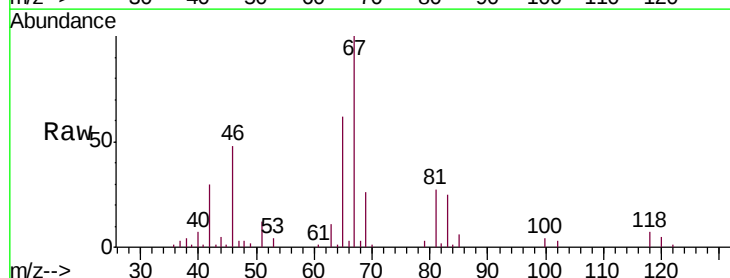
Tgt Ion: 83 Resp: 8072

Ion Ratio Lower Upper

83 100

55 0.0 63.6 95.4#

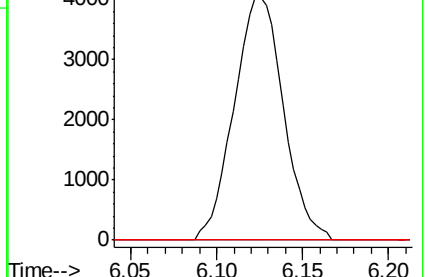
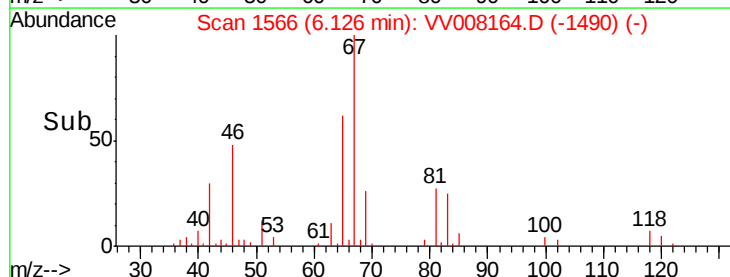
98 7.5 38.3 57.5#

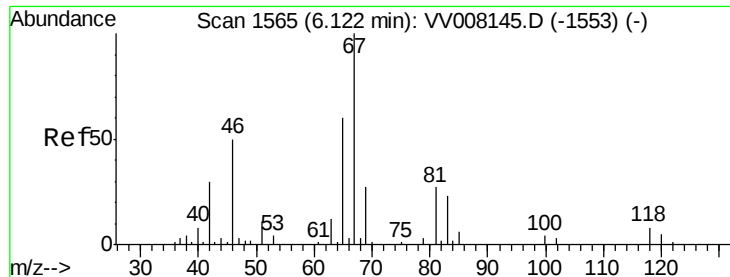


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

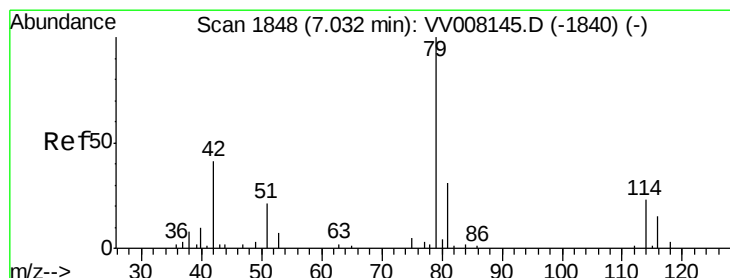
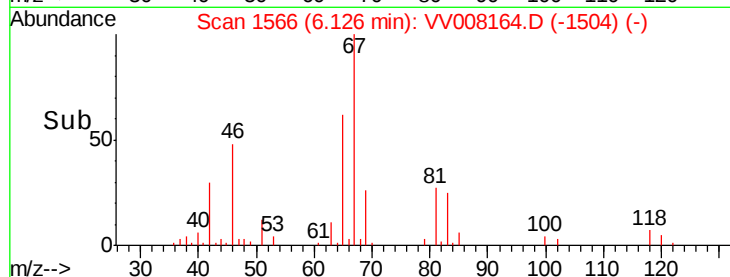
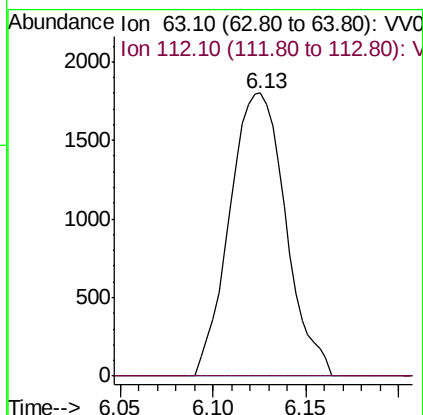
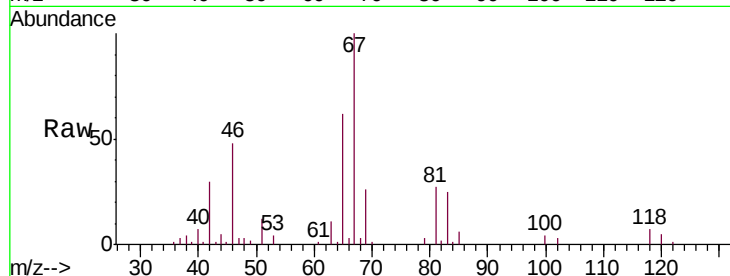




#37
 1,2-Dichloropropane
 Concen: 0.671 ug/L
 RT: 6.13 min Scan# 1566
 Delta R.T. -0.10 min
 Lab File: VV008164.D
 Acq: 08 Oct 2018 20:40

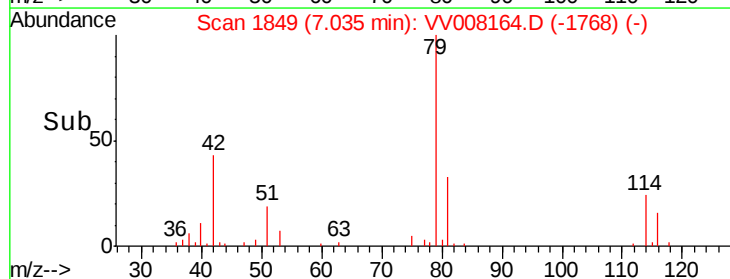
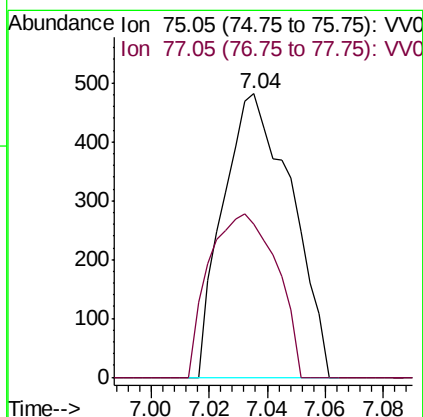
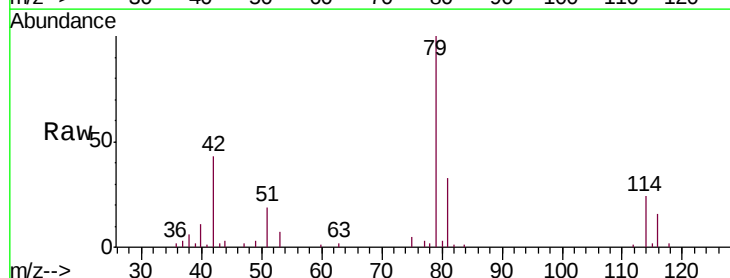
Instrument :
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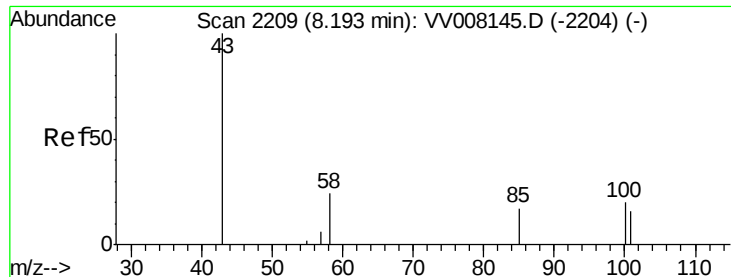
Tgt Ion: 63 Resp: 3792
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.109 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV008164.D
 Acq: 08 Oct 2018 20:40

Tgt Ion: 75 Resp: 789
 Ion Ratio Lower Upper
 75 100
 77 53.9 22.1 41.1#





#48

2-Hexanone

Concen: 1.943 ug/L

RT: 8.19 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VV008164.D

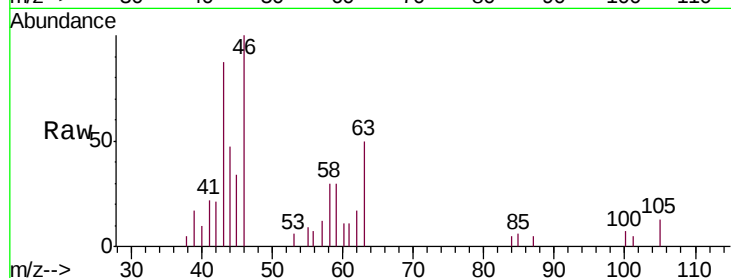
Acq: 08 Oct 2018 20:40

Instrument :

MSVOA_V

ClientSampleId :

BEYL5



Tgt Ion: 43 Resp: 4227

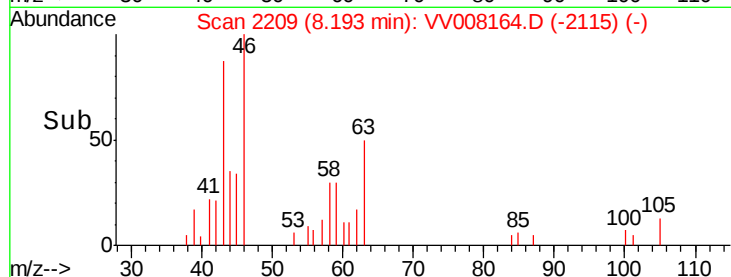
Ion Ratio Lower Upper

43 100

58 19.3 40.5 60.7#

57 0.0 14.6 22.0#

100 0.0 9.3 13.9#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

