

Data File : VV008160.D
Acq On : 08 Oct 2018 18:51
Operator : SY/MD
Sample : J5281-04
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BEYL1

Quant Time: Oct 09 03:39:48 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	88302	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	86061	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	38638	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25401	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.59	69	21318	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.14	63	38041	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	3.96	46	62374	47.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.66%
24) Chloroform-d	4.41	84	52974	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.09	65	26286	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.10	84	104090	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.13	67	32525	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.36	98	93172	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.67	79	10792	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.14	63	39238	40.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.10%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21364	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	36413	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

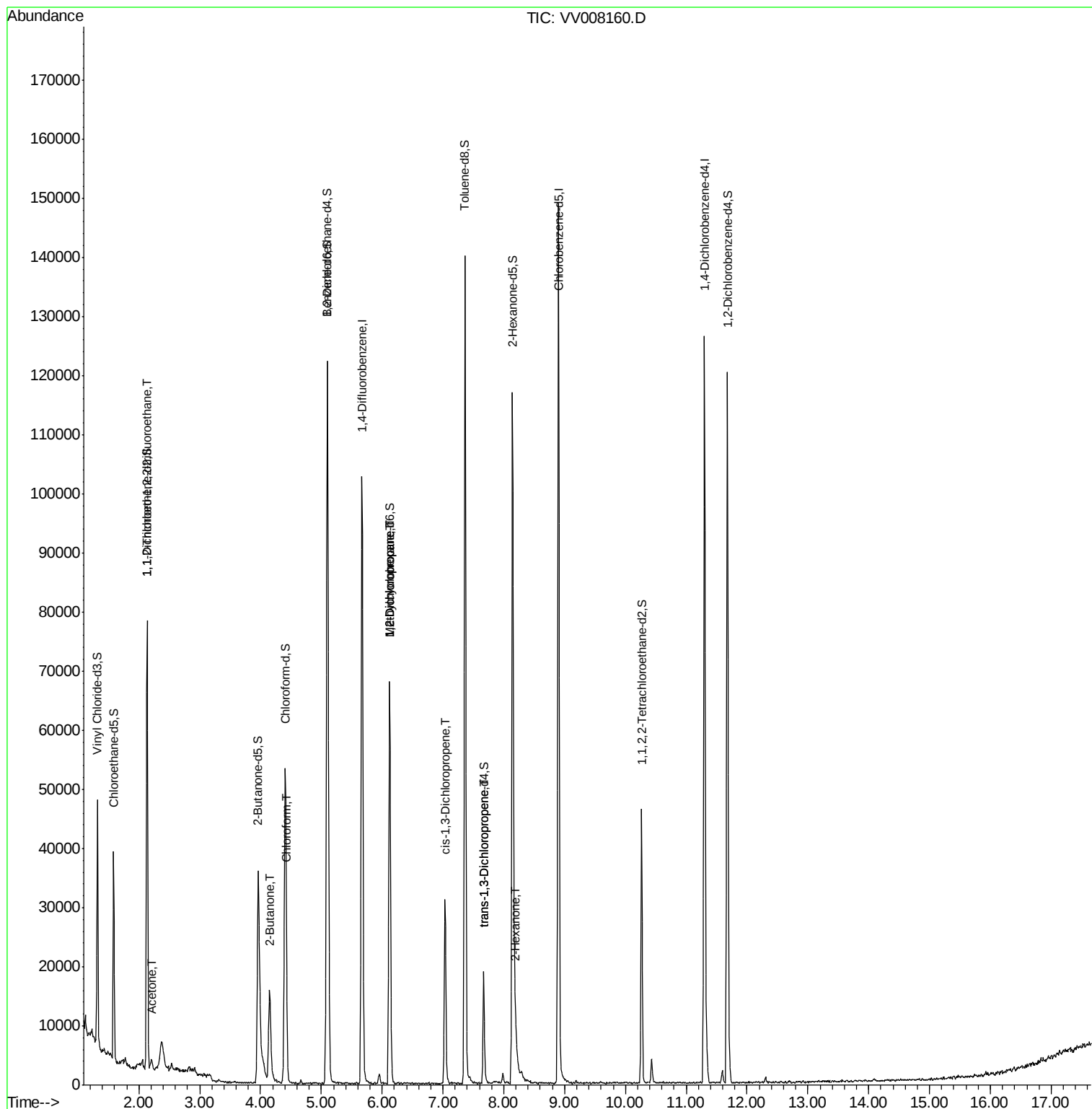
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	461	0.081	ug/L #	14
13) Acetone	2.21	43	2002	2.266	ug/L	95
21) 2-Butanone	4.15	43	25626	17.979	ug/L #	49
25) Chloroform	4.43	83	1048	0.098	ug/L	81
35) Methylcyclohexane	6.12	83	8013	0.905	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	3649	0.623	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	825	0.110	ug/L #	44
44) trans-1,3-Dichloropropene	7.67	75	507	0.083	ug/L	86
48) 2-Hexanone	8.20	43	4499	1.996	ug/L #	84

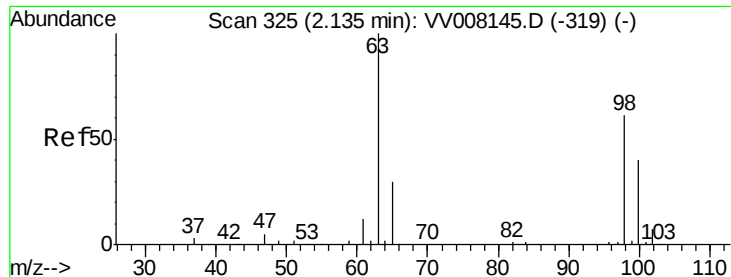
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.081 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV008160.D

Acq: 08 Oct 2018 18:51

Instrument :

MSVOA_V

ClientSampleId :

BEYL1

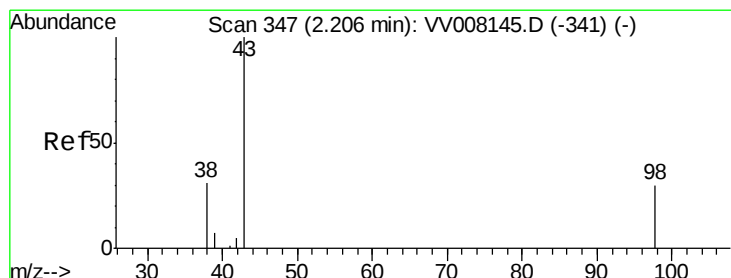
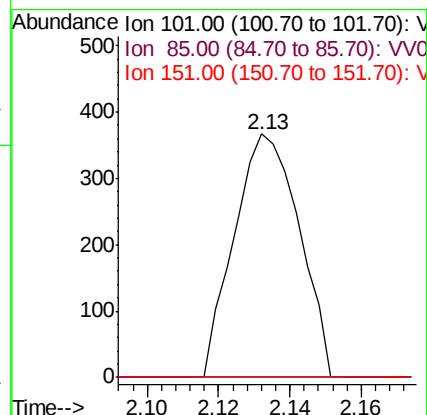
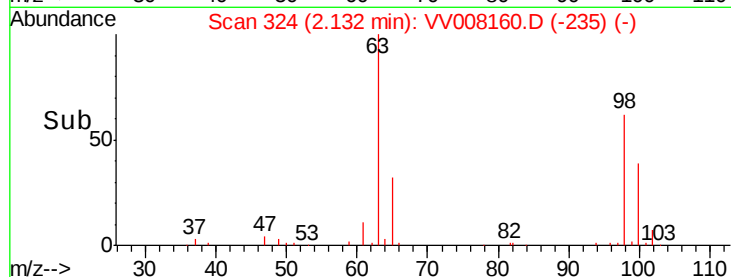
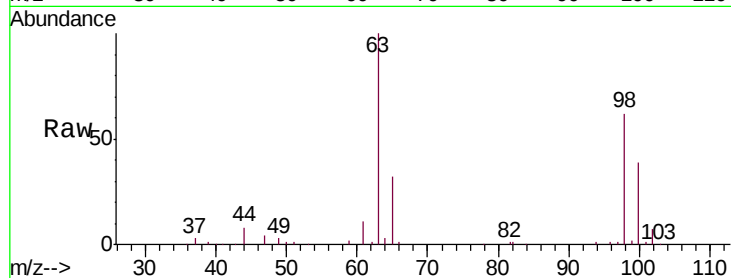
Tgt Ion: 101 Resp: 461

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.0#

151 0.0 70.7 106.1#



#13

Acetone

Concen: 2.266 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.00 min

Lab File: VV008160.D

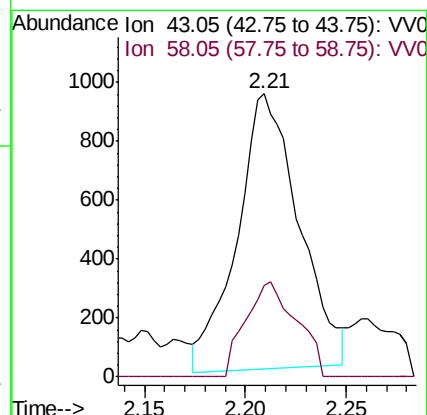
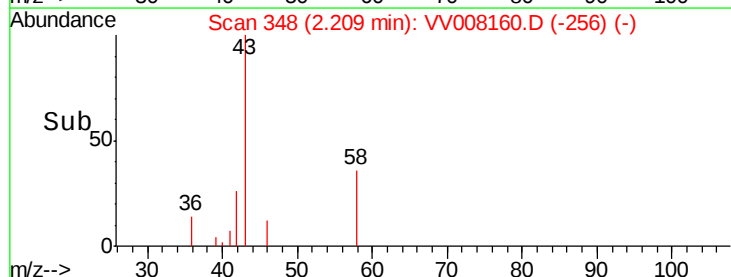
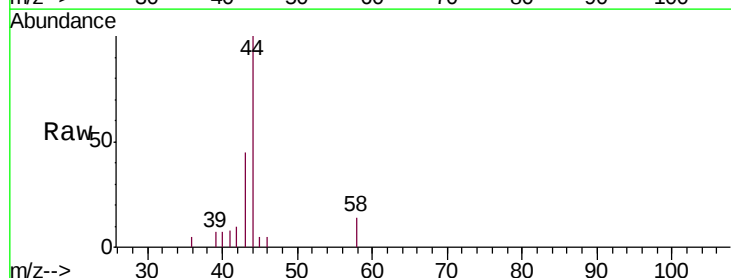
Acq: 08 Oct 2018 18:51

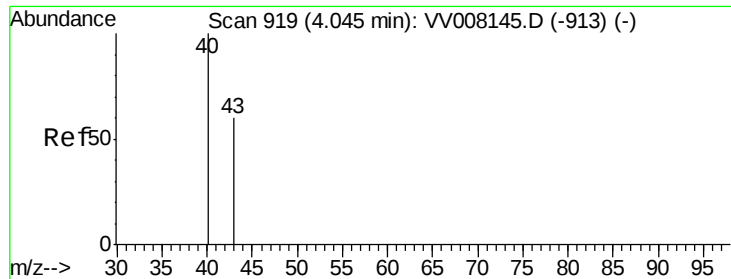
Tgt Ion: 43 Resp: 2002

Ion Ratio Lower Upper

43 100

58 28.4 0.0 62.2





#21

2-Butanone

Concen: 17.979 ug/L

RT: 4.15 min Scan# 951

Delta R.T. 0.10 min

Lab File: VV008160.D

Acq: 08 Oct 2018 18:51

Instrument :

MSVOA_V

ClientSampleId :

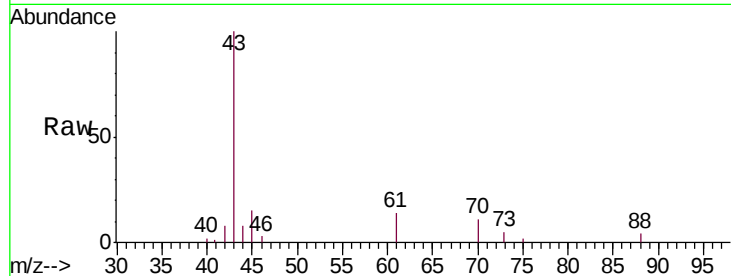
BEYL1

Tgt Ion: 43 Resp: 25626

Ion Ratio Lower Upper

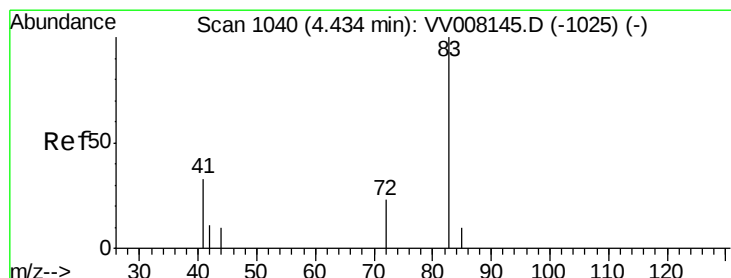
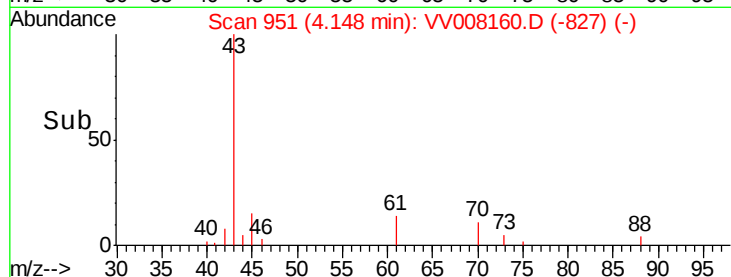
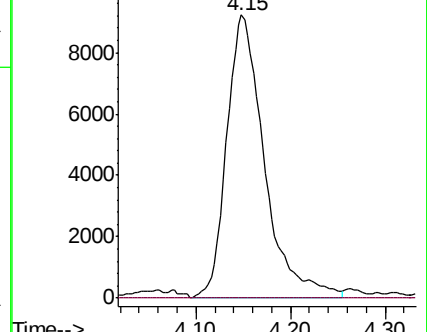
43 100

72 0.0 12.9 38.6#



Abundance Ion 43.05 (42.75 to 43.75): VV008145.D (-913) (-)

Ion 72.10 (71.80 to 72.80): VV008145.D (-913) (-)



#25

Chloroform

Concen: 0.098 ug/L

RT: 4.43 min Scan# 1040

Delta R.T. -0.00 min

Lab File: VV008160.D

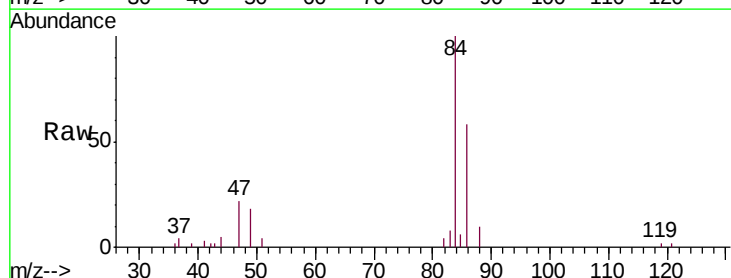
Acq: 08 Oct 2018 18:51

Tgt Ion: 83 Resp: 1048

Ion Ratio Lower Upper

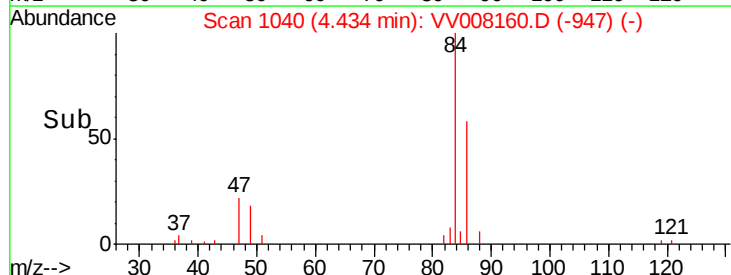
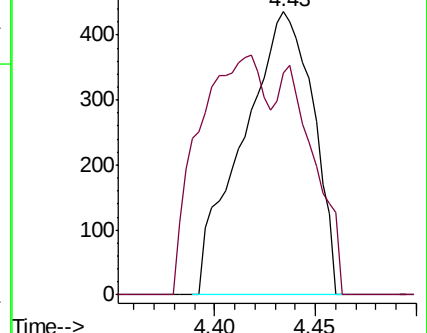
83 100

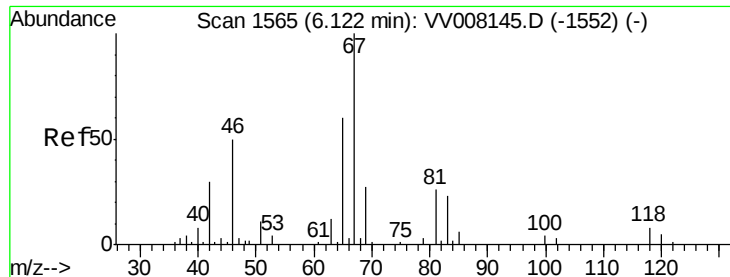
85 78.2 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VV008145.D (-1025) (-)

Ion 85.00 (84.70 to 85.70): VV008145.D (-1025) (-)

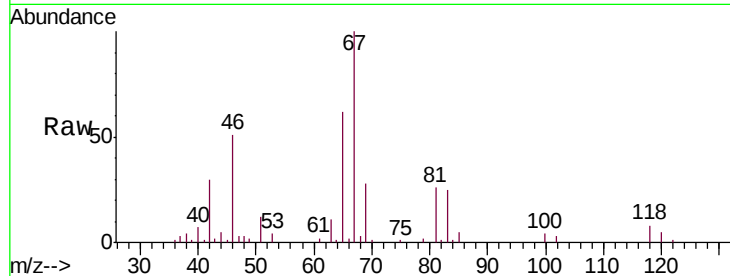




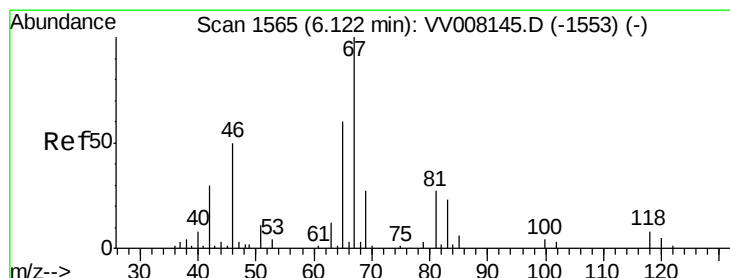
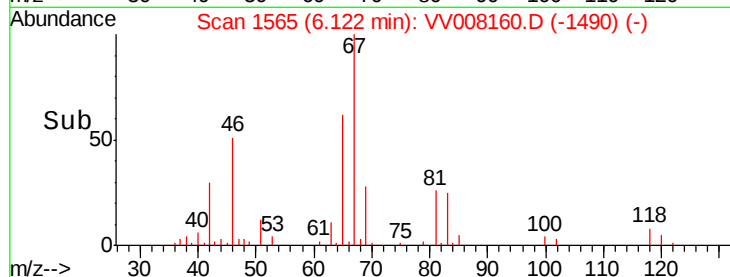
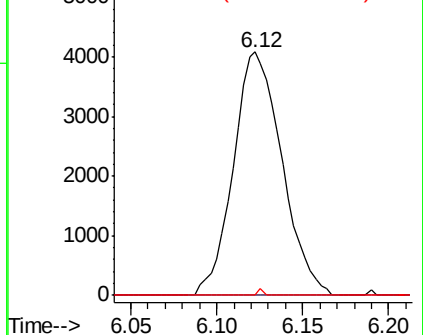
#35
Methylcyclohexane
Concen: 0.905 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.06 min
Lab File: VV008160.D
Acq: 08 Oct 2018 18:51

Instrument :
MSVOA_V
ClientSampled :
BEYL1

Tgt Ion: 83 Resp: 8013
Ion Ratio Lower Upper
83 100
55 0.0 63.6 95.4#
98 0.2 38.3 57.5#

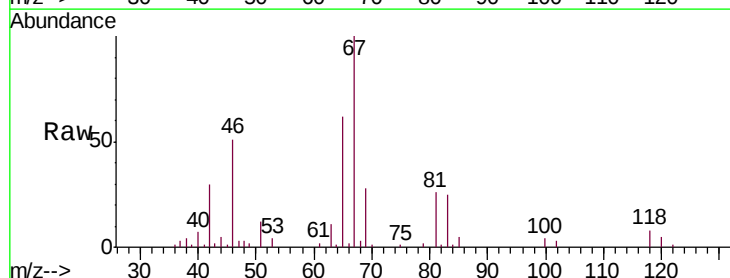


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

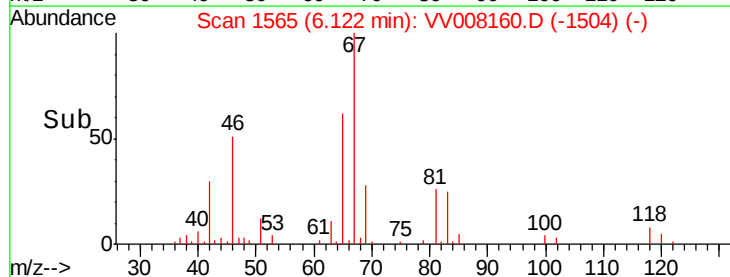
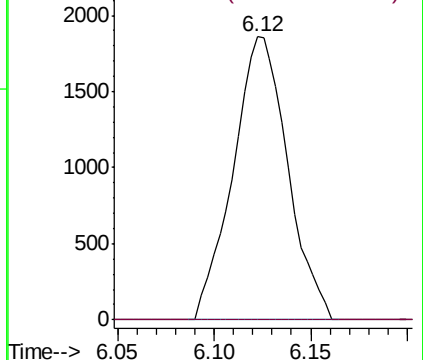


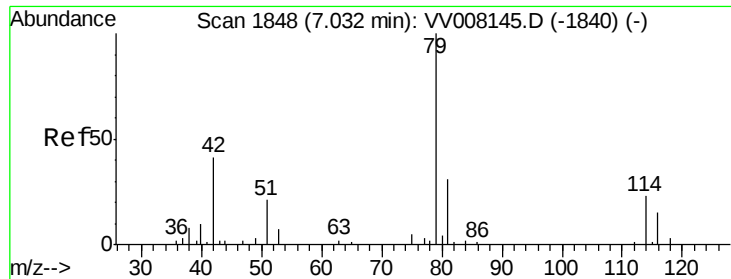
#37
1,2-Dichloropropane
Concen: 0.623 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008160.D
Acq: 08 Oct 2018 18:51

Tgt Ion: 63 Resp: 3649
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

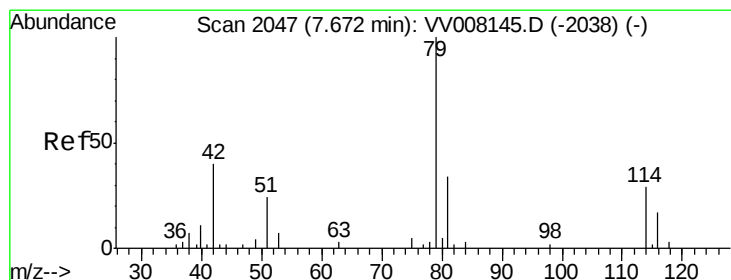
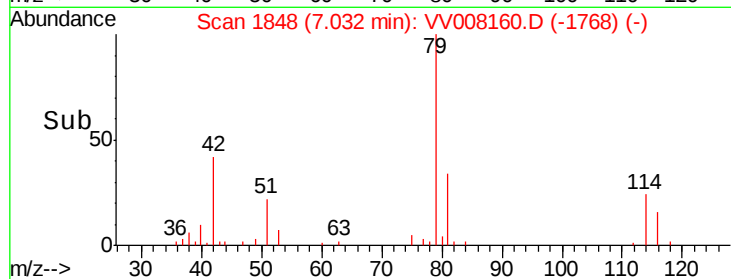
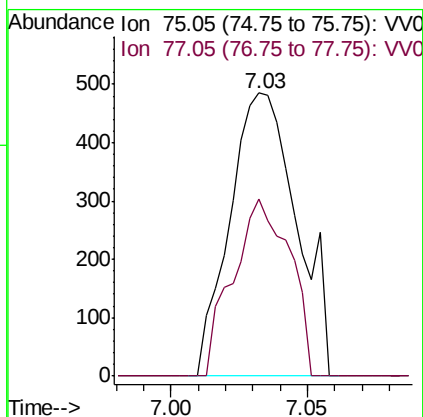
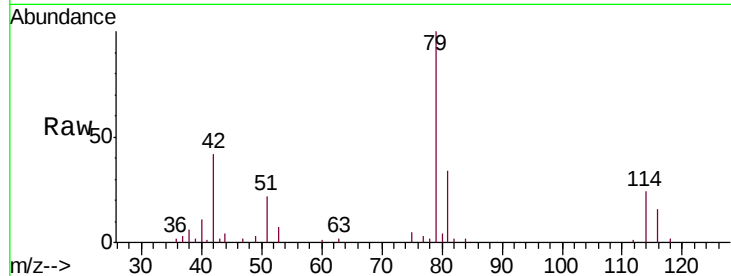




#39
 cis-1,3-Dichloropropene
 Concen: 0.110 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008160.D
 Acq: 08 Oct 2018 18:51

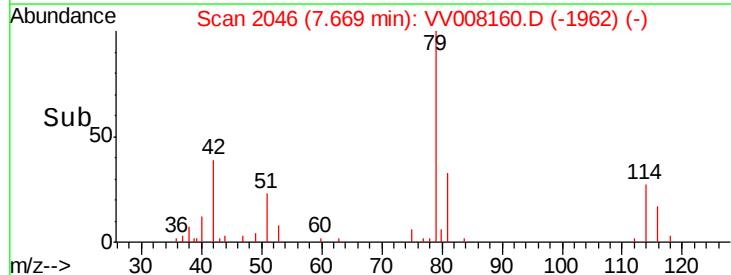
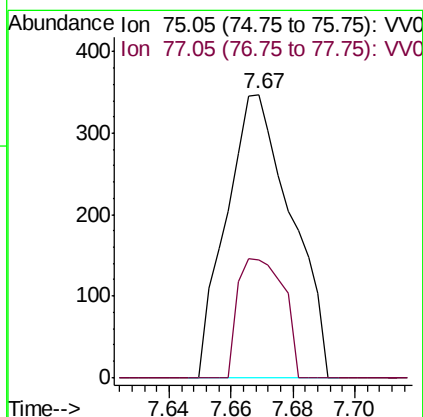
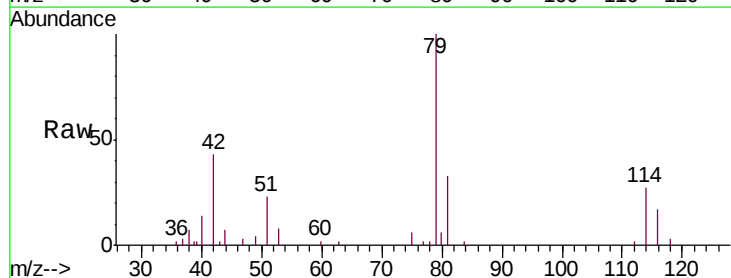
Instrument :
 MSVOA_V
 ClientSampled :
 BEYL1

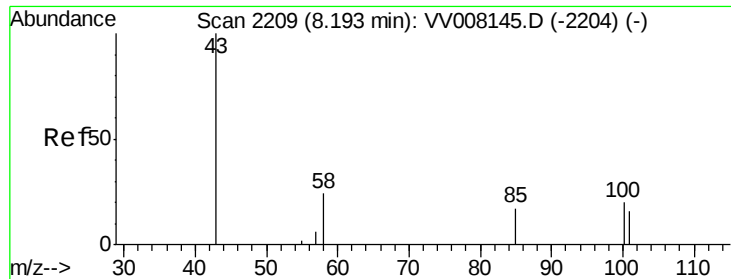
Tgt Ion: 75 Resp: 825
 Ion Ratio Lower Upper
 75 100
 77 62.7 22.1 41.1#



#44
 trans-1,3-Dichloropropene
 Concen: 0.083 ug/L
 RT: 7.67 min Scan# 2046
 Delta R.T. -0.03 min
 Lab File: VV008160.D
 Acq: 08 Oct 2018 18:51

Tgt Ion: 75 Resp: 507
 Ion Ratio Lower Upper
 75 100
 77 41.7 23.4 43.6





#48

2-Hexanone

Concen: 1.996 ug/L

RT: 8.20 min Scan# 2211

Delta R.T. 0.01 min

Lab File: VV008160.D

Acq: 08 Oct 2018 18:51

Instrument :
MSVOA_V
ClientSampleId :
BEYL1

Tgt Ion: 43 Resp: 4499

Ion Ratio Lower Upper

43 100

58 42.7 40.5 60.7

57 3.7 14.6 22.0#

100 7.0 9.3 13.9#

