

Data File : VV008163.D
Acq On : 08 Oct 2018 20:13
Operator : SY/MD
Sample : J5281-07
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BEYL4

Quant Time: Oct 09 03:40:12 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	83812	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	81386	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	36038	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26609	5.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.40%
7) Chloroethane-d5	1.59	69	21514	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.14	63	38568	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.60%
20) 2-Butanone-d5	3.97	46	66026	53.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.70%
24) Chloroform-d	4.41	84	54352	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.09	65	26527	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.10	84	105066	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.13	67	33164	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.36	98	93637	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	7.67	79	10667	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.14	63	40616	44.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.76%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22334	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	37123	5.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.60%

Target Compounds

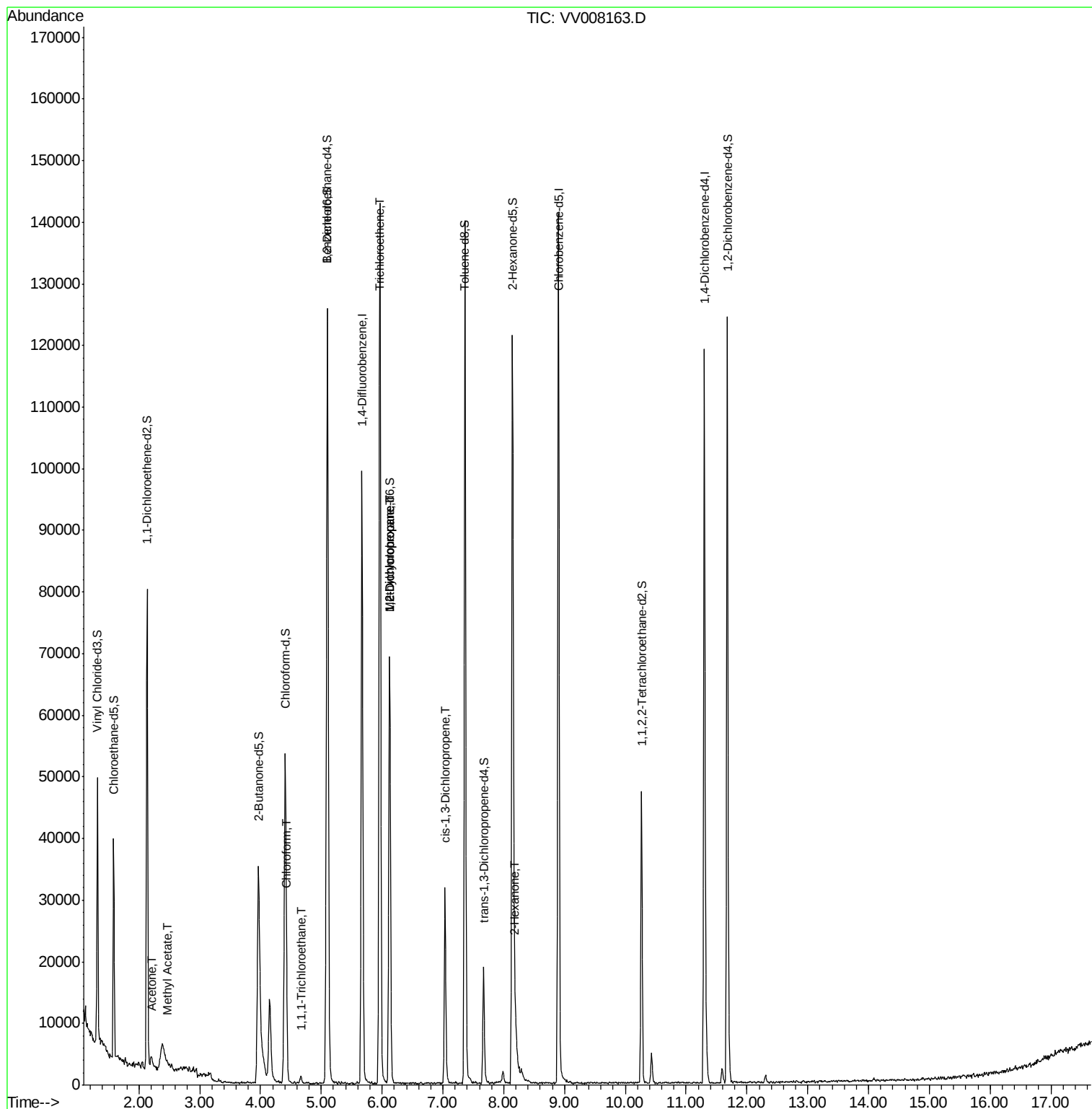
					Qvalue
13) Acetone	2.21	43	1912	2.280 ug/L	64
15) Methyl Acetate	2.47	43	301	0.151 ug/L #	53
25) Chloroform	4.44	83	1066	0.105 ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	1328	0.147 ug/L	91
34) Trichloroethene	5.96	95	47997	8.009 ug/L	99
35) Methylcyclohexane	6.12	83	8268	0.988 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	3880	0.700 ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	850	0.120 ug/L #	57
48) 2-Hexanone	8.19	43	4399	2.063 ug/L #	87

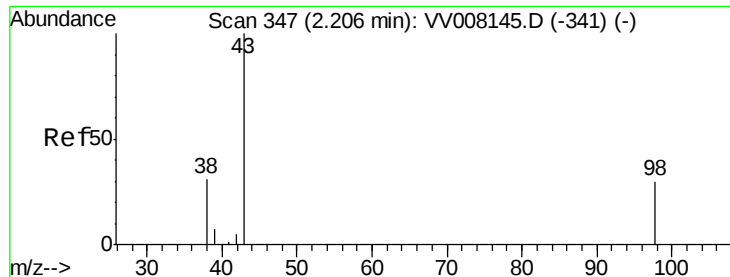
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.280 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.00 min

Lab File: VV008163.D

Acq: 08 Oct 2018 20:13

Instrument :

MSVOA_V

ClientSampleId :

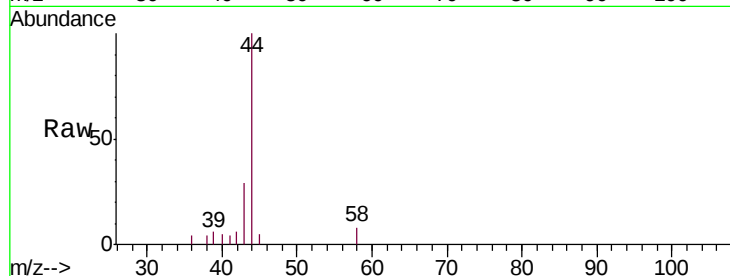
BEYL4

Tgt Ion: 43 Resp: 1912

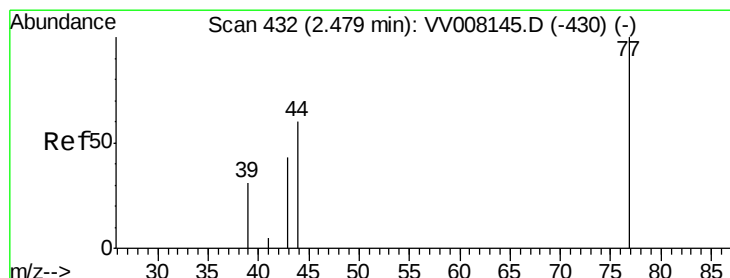
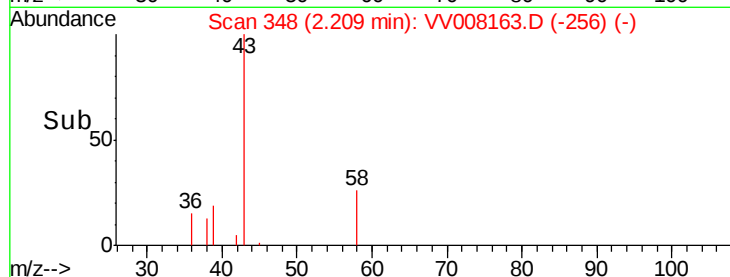
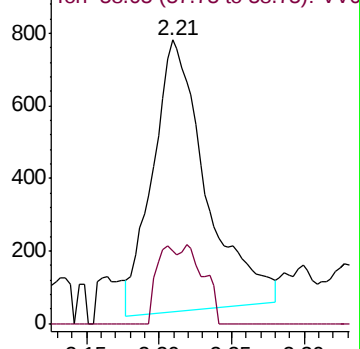
Ion Ratio Lower Upper

43 100

58 11.1 0.0 62.2



Abundance Ion 43.05 (42.75 to 43.75): VV008145.D (-341) (-)



#15

Methyl Acetate

Concen: 0.151 ug/L

RT: 2.47 min Scan# 429

Delta R.T. -0.00 min

Lab File: VV008163.D

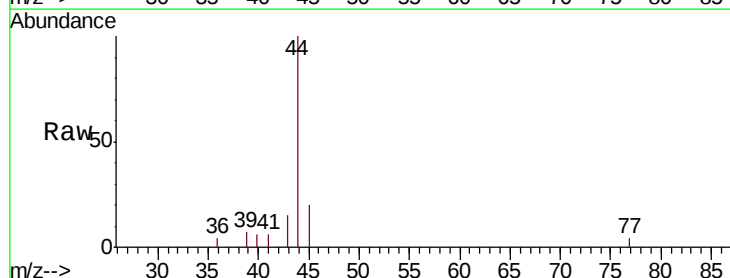
Acq: 08 Oct 2018 20:13

Tgt Ion: 43 Resp: 301

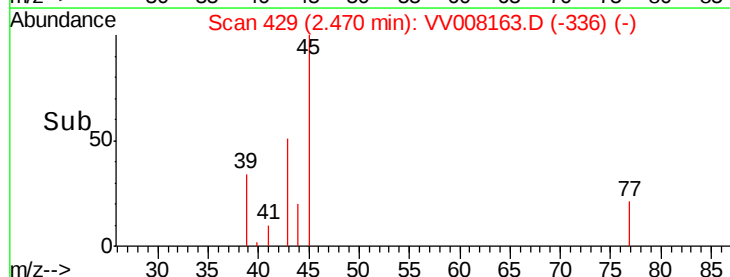
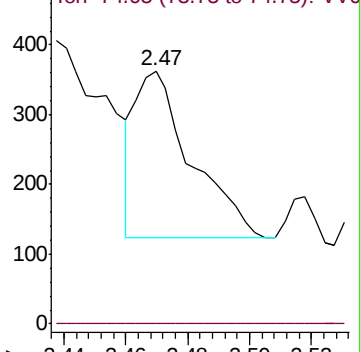
Ion Ratio Lower Upper

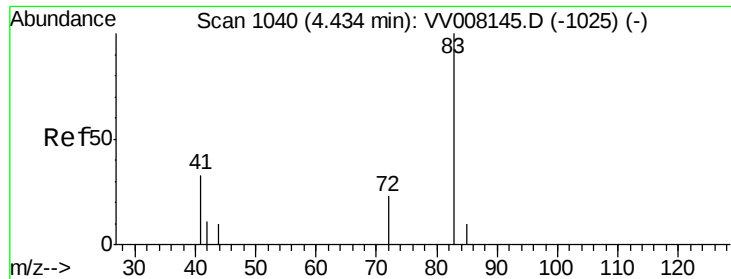
43 100

74 0.0 18.1 27.1#



Abundance Ion 43.05 (42.75 to 43.75): VV008145.D (-430) (-)

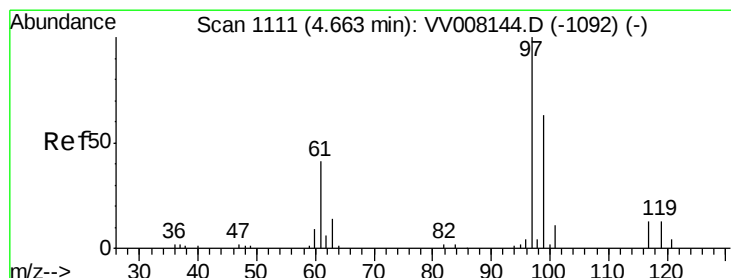
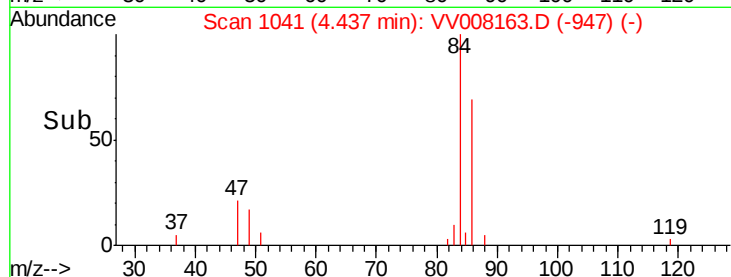
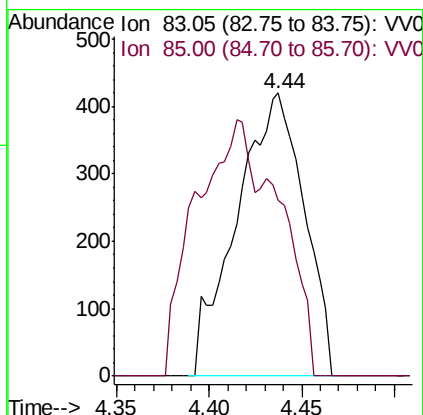
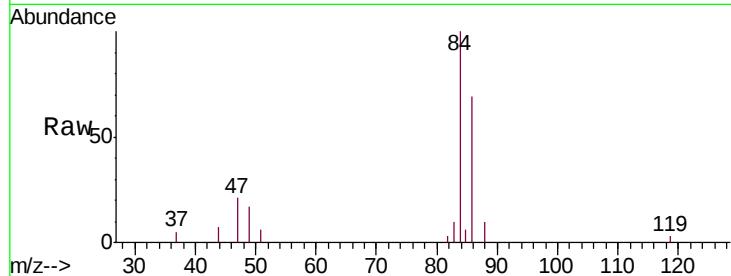




#25
Chloroform
Concen: 0.105 ug/L
RT: 4.44 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VV008163.D
Acq: 08 Oct 2018 20:13

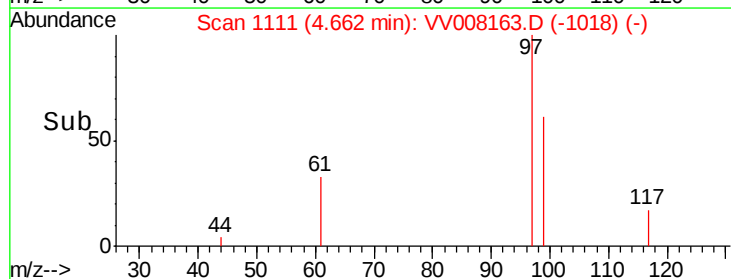
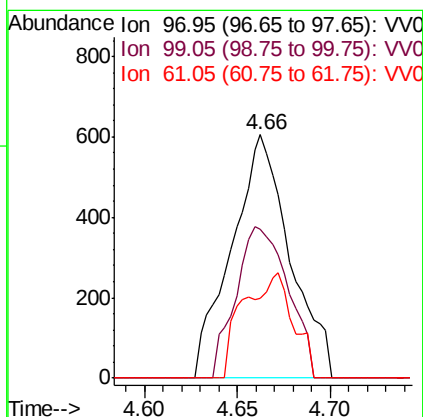
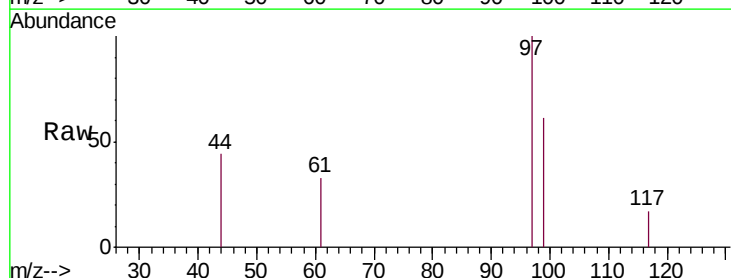
Instrument :
MSVOA_V
ClientSampleId :
BEYL4

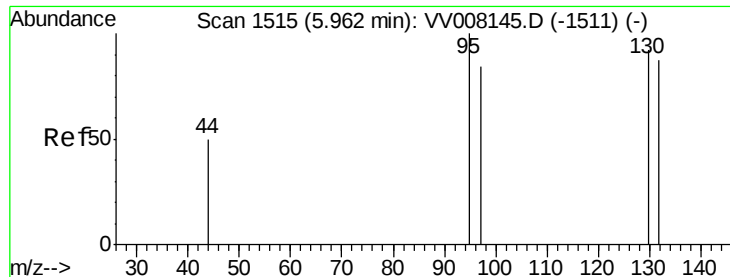
Tgt Ion: 83 Resp: 1066
Ion Ratio Lower Upper
83 100
85 61.9 44.6 82.8



#29
1,1,1-Trichloroethane
Concen: 0.147 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VV008163.D
Acq: 08 Oct 2018 20:13

Tgt Ion: 97 Resp: 1328
Ion Ratio Lower Upper
97 100
99 55.9 51.0 76.4
61 37.0 34.0 51.0





#34

Trichloroethene

Concen: 8.009 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV008163.D

Acq: 08 Oct 2018 20:13

Instrument :

MSVOA_V

ClientSampleId :

BEYL4

Tgt Ion: 95 Resp: 47997

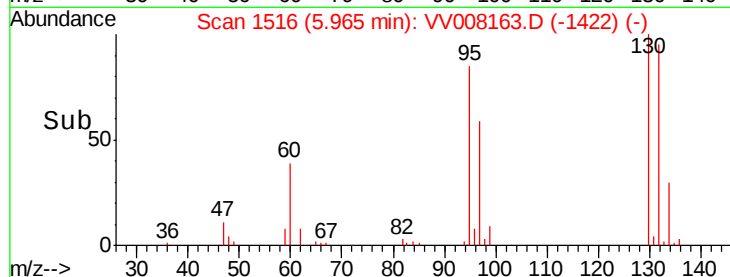
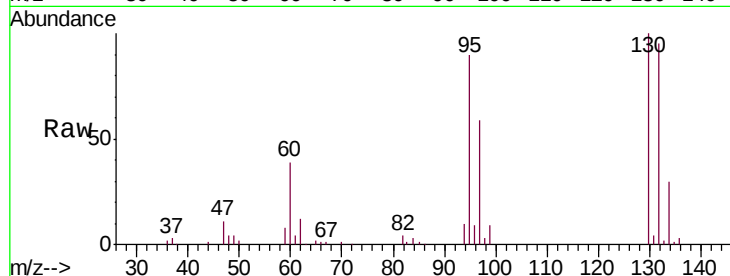
Ion Ratio Lower Upper

95 100

97 65.5 44.9 83.5

132 105.3 73.6 136.6

130 111.4 76.2 141.6

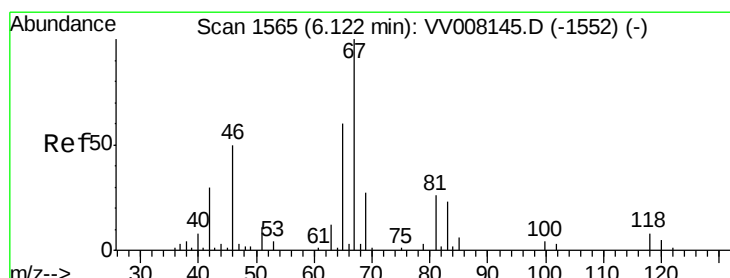
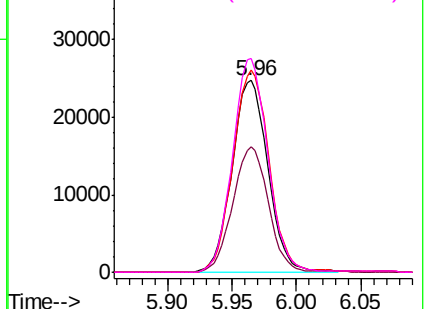


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 0.988 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.06 min

Lab File: VV008163.D

Acq: 08 Oct 2018 20:13

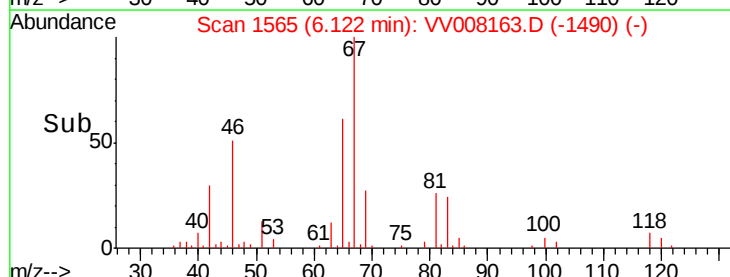
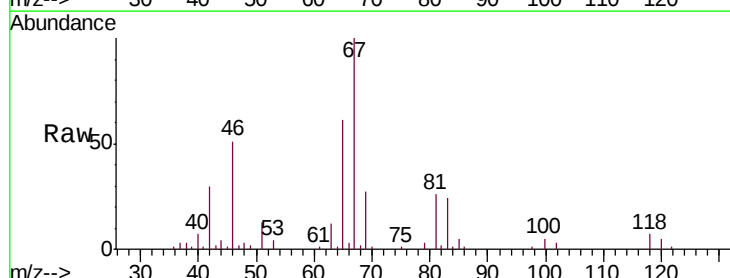
Tgt Ion: 83 Resp: 8268

Ion Ratio Lower Upper

83 100

55 0.0 63.6 95.4#

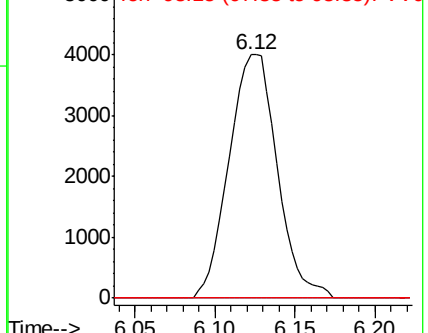
98 1.4 38.3 57.5#

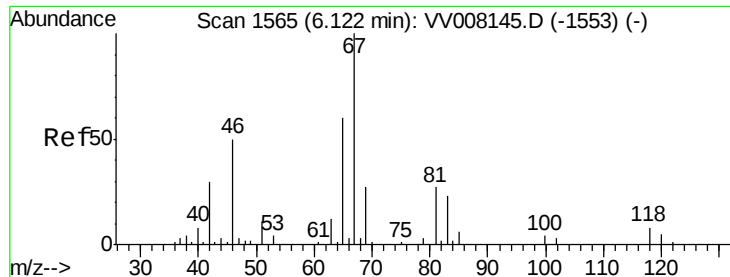


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

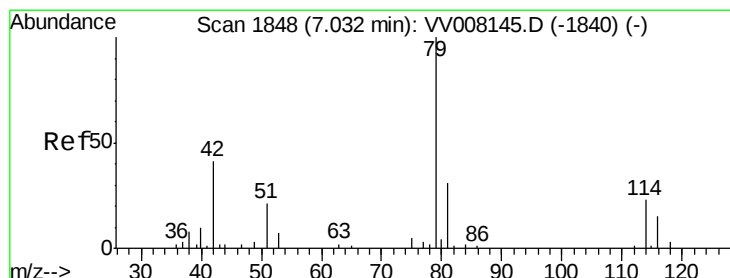
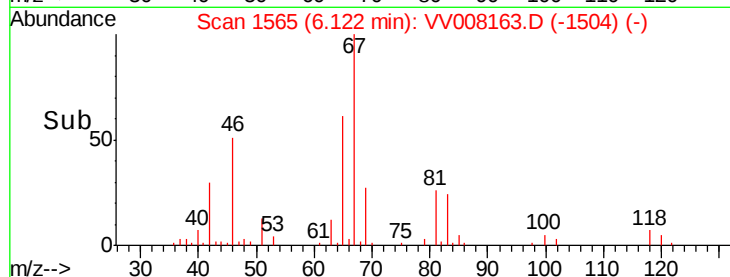
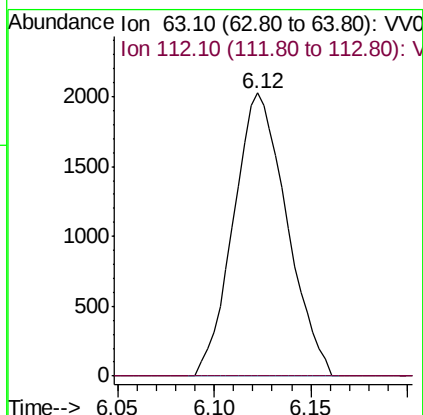
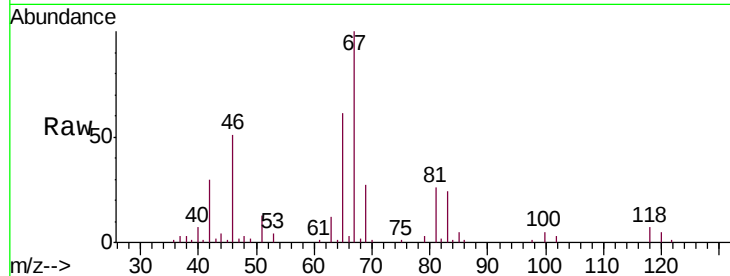




#37
 1,2-Dichloropropane
 Concen: 0.700 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008163.D
 Acq: 08 Oct 2018 20:13

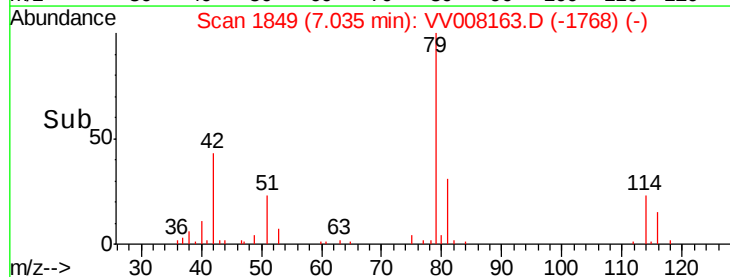
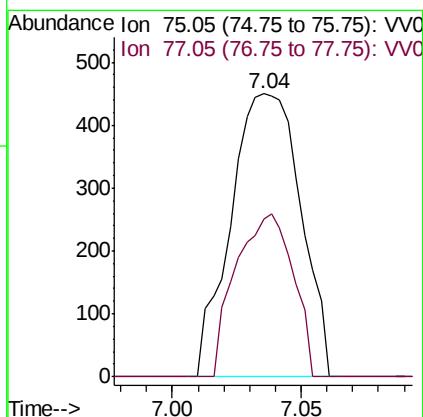
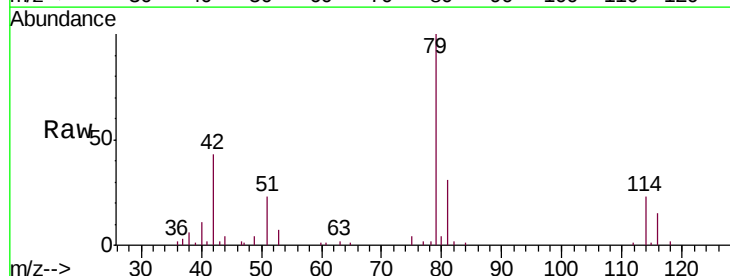
Instrument :
 MSVOA_V
 ClientSampleId :
 BEYL4

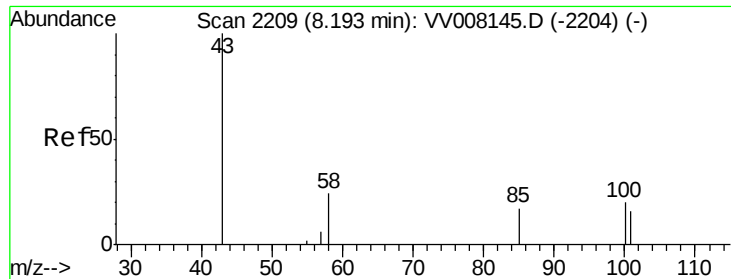
Tgt Ion: 63 Resp: 3880
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.120 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV008163.D
 Acq: 08 Oct 2018 20:13

Tgt Ion: 75 Resp: 850
 Ion Ratio Lower Upper
 75 100
 77 55.6 22.1 41.1#





#48

2-Hexanone

Concen: 2.063 ug/L

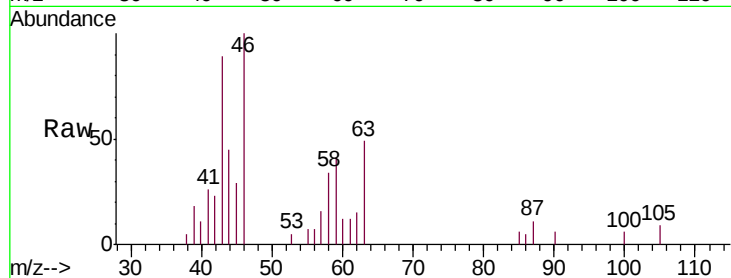
RT: 8.19 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VV008163.D

Acq: 08 Oct 2018 20:13

Instrument :
MSVOA_V
ClientSampleId :
BEYL4



Tgt Ion:	43	Resp:	4399
Ion	Ratio	Lower	Upper
43	100		
58	41.3	40.5	60.7
57	16.5	14.6	22.0
100	2.8	9.3	13.9#

