

Data File : VV008168.D
Acq On : 08 Oct 2018 22:29
Operator : SY/MD
Sample : J5280-02
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BEYH9

Quant Time: Oct 09 04:09:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 09 04:07:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	82984	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	80858	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	36741	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25504	5.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.20%
7) Chloroethane-d5	1.59	69	21198	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.14	63	38071	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	3.96	46	63678	51.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.92%
24) Chloroform-d	4.41	84	52838	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.09	65	27070	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.10	84	102007	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.12	67	32427	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.36	98	91499	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	7.67	79	10706	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.14	63	39354	43.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.56%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21505	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	37323	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

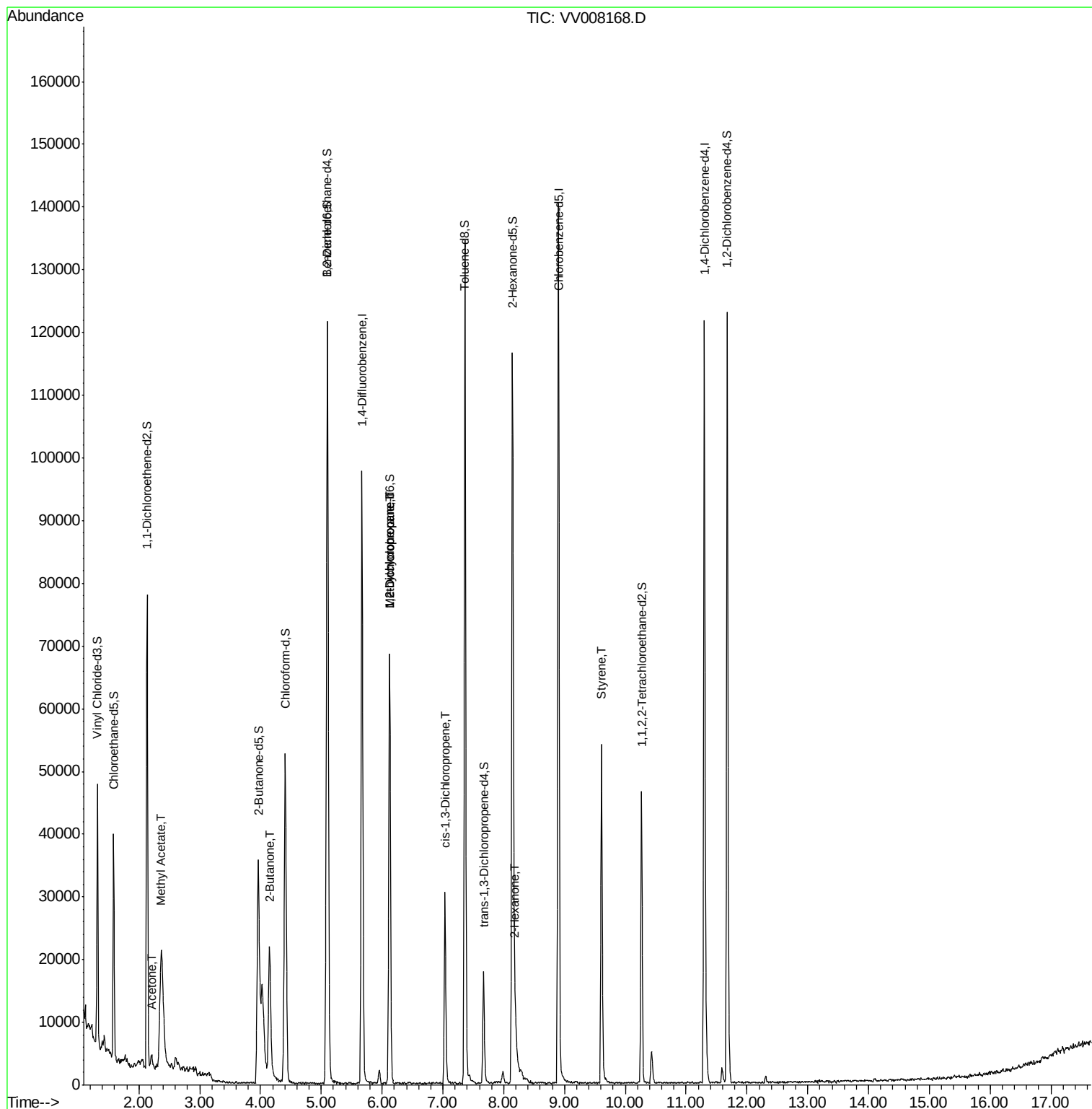
					Qvalue
13) Acetone	2.21	43	2574	3.100 ug/L	95
15) Methyl Acetate	2.37	43	10976	5.568 ug/L #	53
21) 2-Butanone	4.15	43	33516	25.022 ug/L #	49
35) Methylcyclohexane	6.12	83	7782	0.936 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	3494	0.635 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	787	0.111 ug/L #	81
48) 2-Hexanone	8.19	43	4587	2.166 ug/L #	82
55) Styrene	9.61	104	28257	1.938 ug/L	98

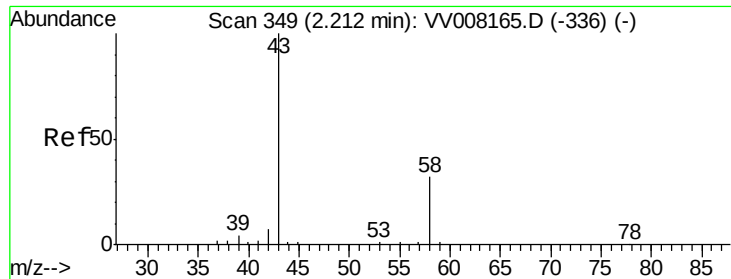
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.100 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.00 min

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Acq: 08 Oct 2018 22:29

Instrument :

MSVOA_V

ClientSampleId :

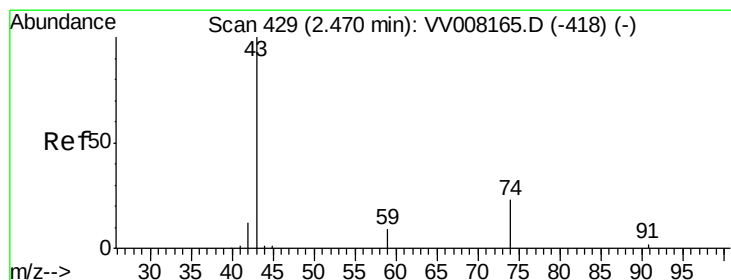
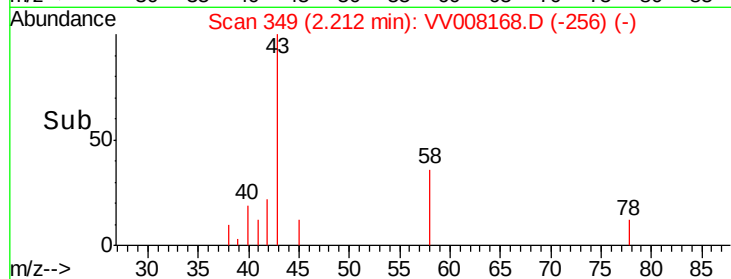
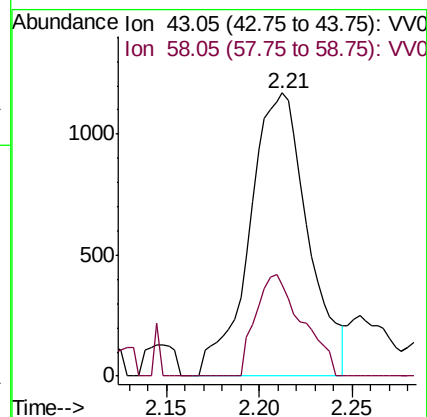
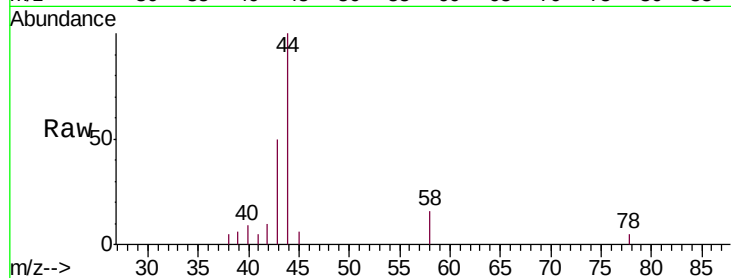
BEYH9

Tgt Ion: 43 Resp: 2574

Ion Ratio Lower Upper

43 100

58 28.6 0.0 62.2



#15

Methyl Acetate

Concen: 5.568 ug/L

RT: 2.37 min Scan# 397

Delta R.T. -0.10 min

Lab File: VV008168.D

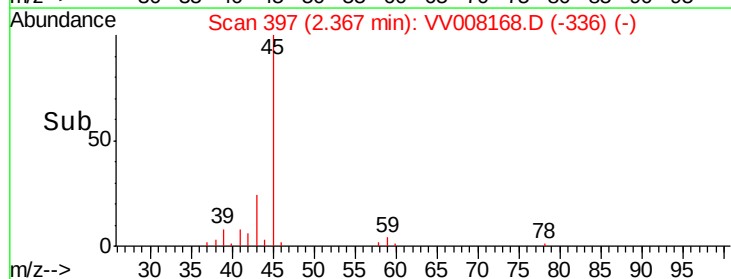
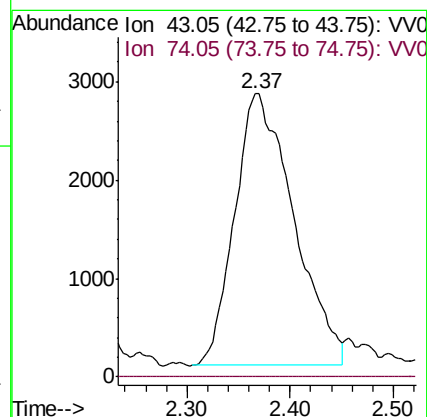
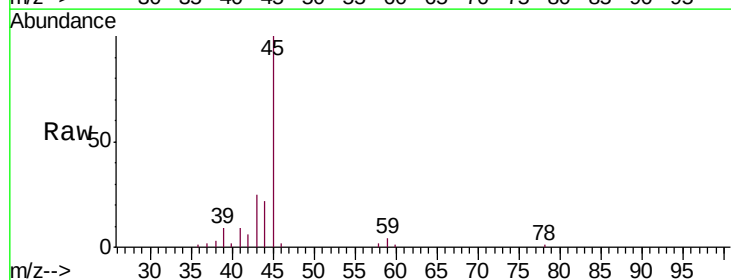
Acq: 08 Oct 2018 22:29

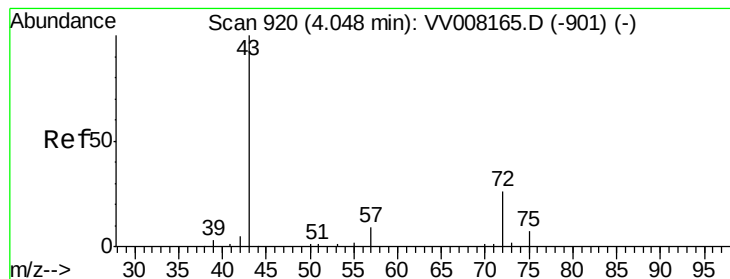
Tgt Ion: 43 Resp: 10976

Ion Ratio Lower Upper

43 100

74 0.0 18.1 27.1#





#21

2-Butanone

Concen: 25.022 ug/L

RT: 4.15 min Scan# 951

Delta R.T. 0.10 min

Lab File: VV008168.D

Acq: 08 Oct 2018 22:29

Instrument :

MSVOA_V

ClientSampled :

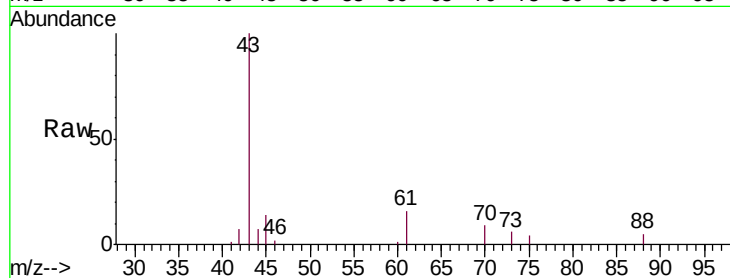
BEYH9

Tgt Ion: 43 Resp: 33516

Ion Ratio Lower Upper

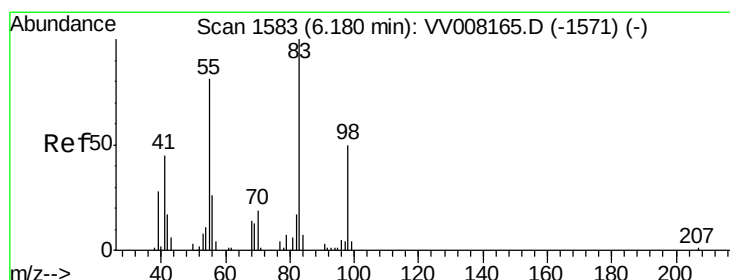
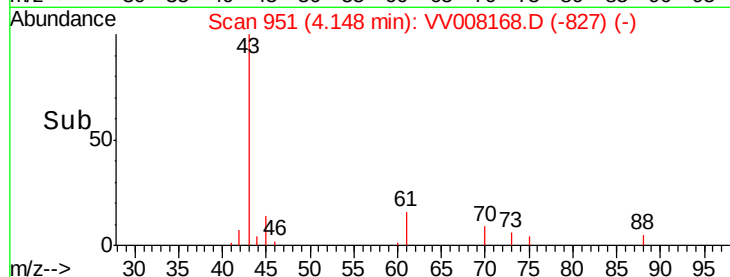
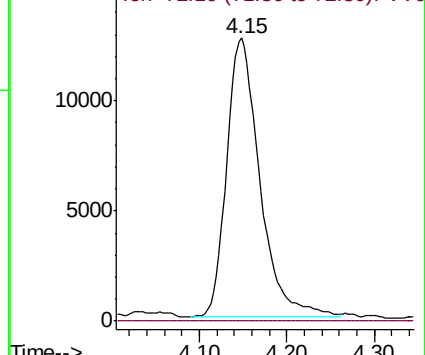
43 100

72 0.0 12.9 38.6#



Abundance Ion 43.05 (42.75 to 43.75): VV008168.D (-951) (-)

Ion 72.10 (71.80 to 72.80): VV008168.D (-951) (-)



#35

Methylcyclohexane

Concen: 0.936 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.06 min

Lab File: VV008168.D

Acq: 08 Oct 2018 22:29

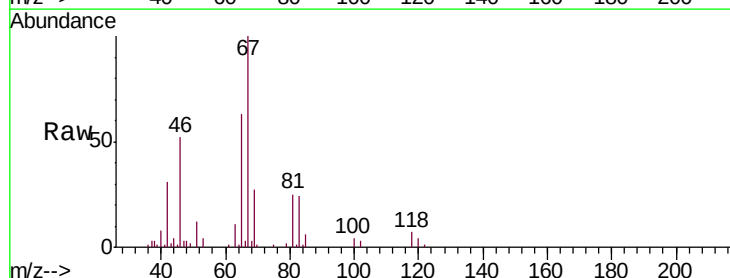
Tgt Ion: 83 Resp: 7782

Ion Ratio Lower Upper

83 100

55 0.0 63.6 95.4#

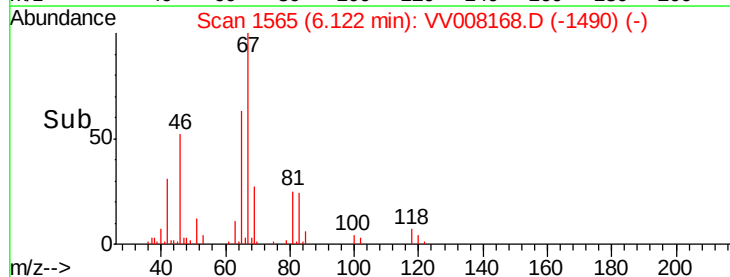
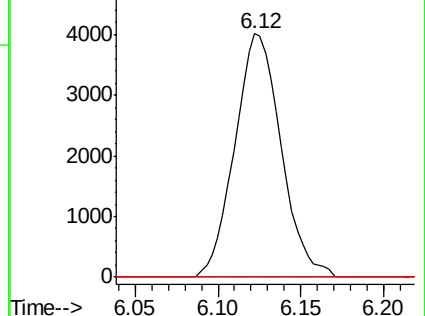
98 1.7 38.3 57.5#

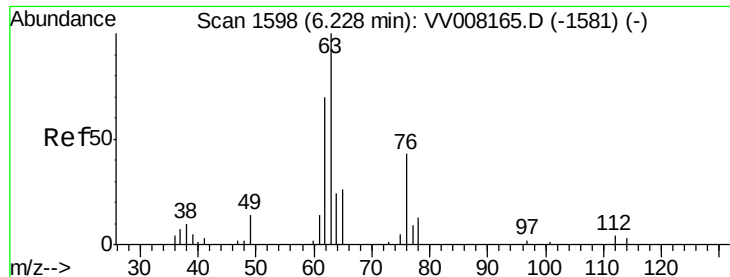


Abundance Ion 83.15 (82.85 to 83.85): VV008168.D (-1565) (-)

Ion 55.10 (54.80 to 55.80): VV008168.D (-1565) (-)

Ion 98.15 (97.85 to 98.85): VV008168.D (-1565) (-)

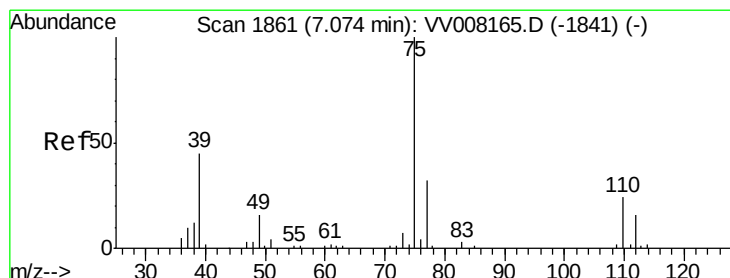
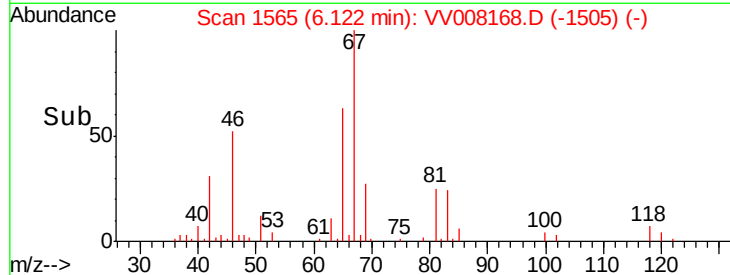
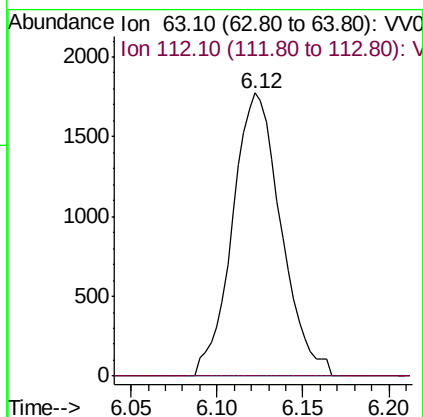
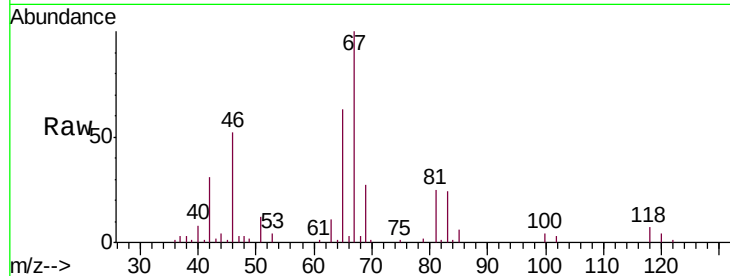




#37
 1,2-Dichloropropane
 Concen: 0.635 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.11 min
 Lab File: VV008168.D
 Acq: 08 Oct 2018 22:29

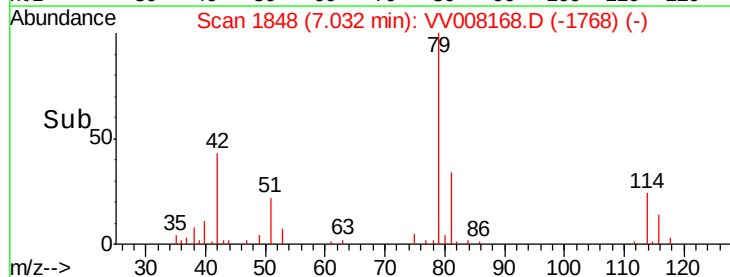
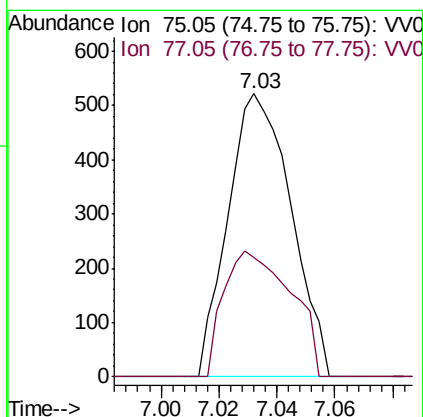
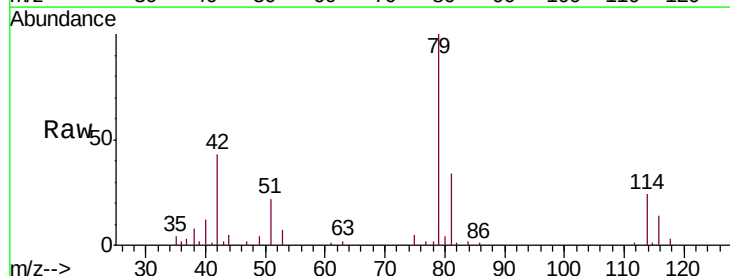
Instrument :
 MSVOA_V
 ClientSampled :
 BEYH9

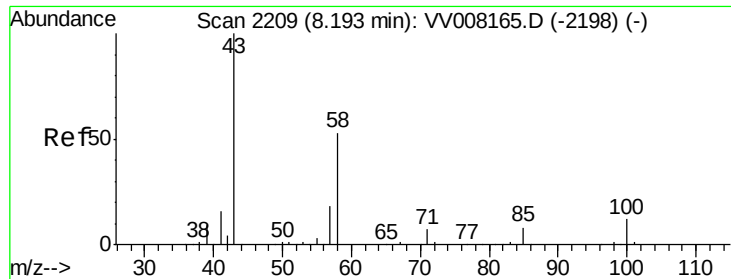
Tgt Ion: 63 Resp: 3494
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.111 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008168.D
 Acq: 08 Oct 2018 22:29

Tgt Ion: 75 Resp: 787
 Ion Ratio Lower Upper
 75 100
 77 42.3 22.1 41.1#

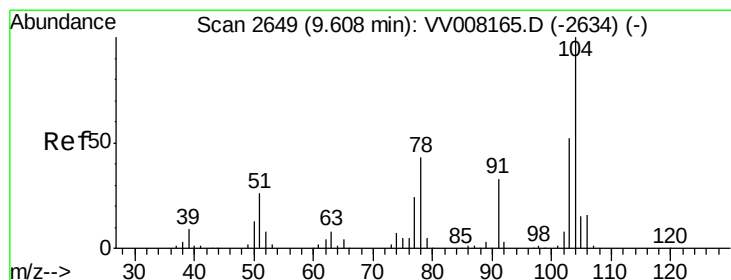
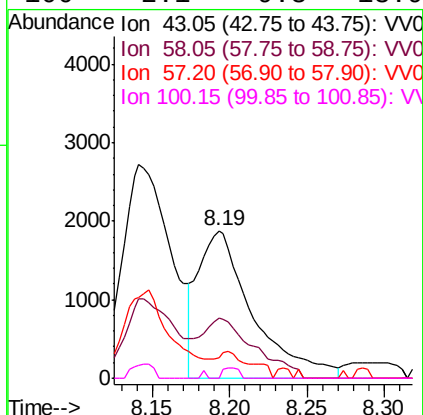
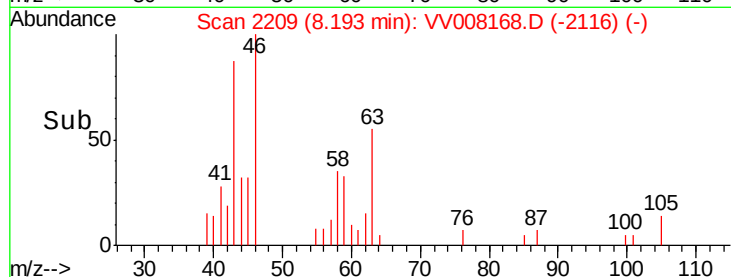
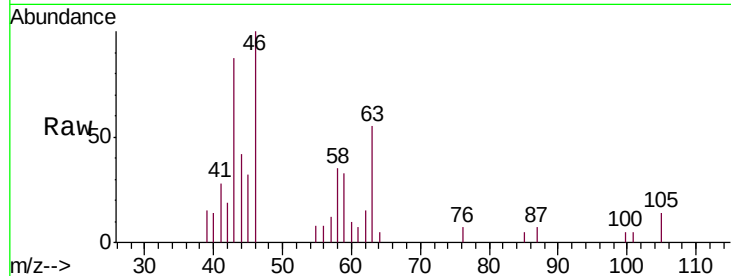




#48
2-Hexanone
Concen: 2.166 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VV008168.D
Acq: 08 Oct 2018 22:29

Instrument :
MSVOA_V
ClientSampled :
BEYH9

Tgt Ion: 43 Resp: 4587
Ion Ratio Lower Upper
43 100
58 38.6 40.5 60.7#
57 10.8 14.6 22.0#
100 2.1 9.3 13.9#



#55
Styrene
Concen: 1.938 ug/L
RT: 9.61 min Scan# 2649
Delta R.T. -0.00 min
Lab File: VV008168.D
Acq: 08 Oct 2018 22:29

Tgt Ion: 104 Resp: 28257
Ion Ratio Lower Upper
104 100
78 40.9 29.5 54.9

