

Data File : VV008459.D
Acq On : 29 Oct 2018 17:25
Operator : SY/MD
Sample : J5669-22
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETBR7

Quant Time: Oct 30 07:45:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 30 07:40:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	187863	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	172005	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	70878	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44772	43.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.08%
7) Chloroethane-d5	1.56	69	35875	47.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.54%
11) 1,1-Dichloroethene-d2	2.13	63	62888	33.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.94%
21) 2-Butanone-d5	3.94	46	109785	97.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.12%
24) Chloroform-d	4.41	84	117953	45.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.96%
26) 1,2-Dichloroethane-d4	5.09	65	82305	47.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.98%
32) Benzene-d6	5.10	84	237426	48.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.88%
36) 1,2-Dichloropropane-d6	6.12	67	82059	48.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.46%
41) Toluene-d8	7.36	98	212515	47.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.50%
43) trans-1,3-Dichloropropene-	7.67	79	38561	46.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.30%
47) 2-Hexanone-d5	8.13	63	82145	92.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.46%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	110658	48.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.04%
64) 1,2-Dichlorobenzene-d4	11.67	152	70817	48.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.68%

Target Compounds

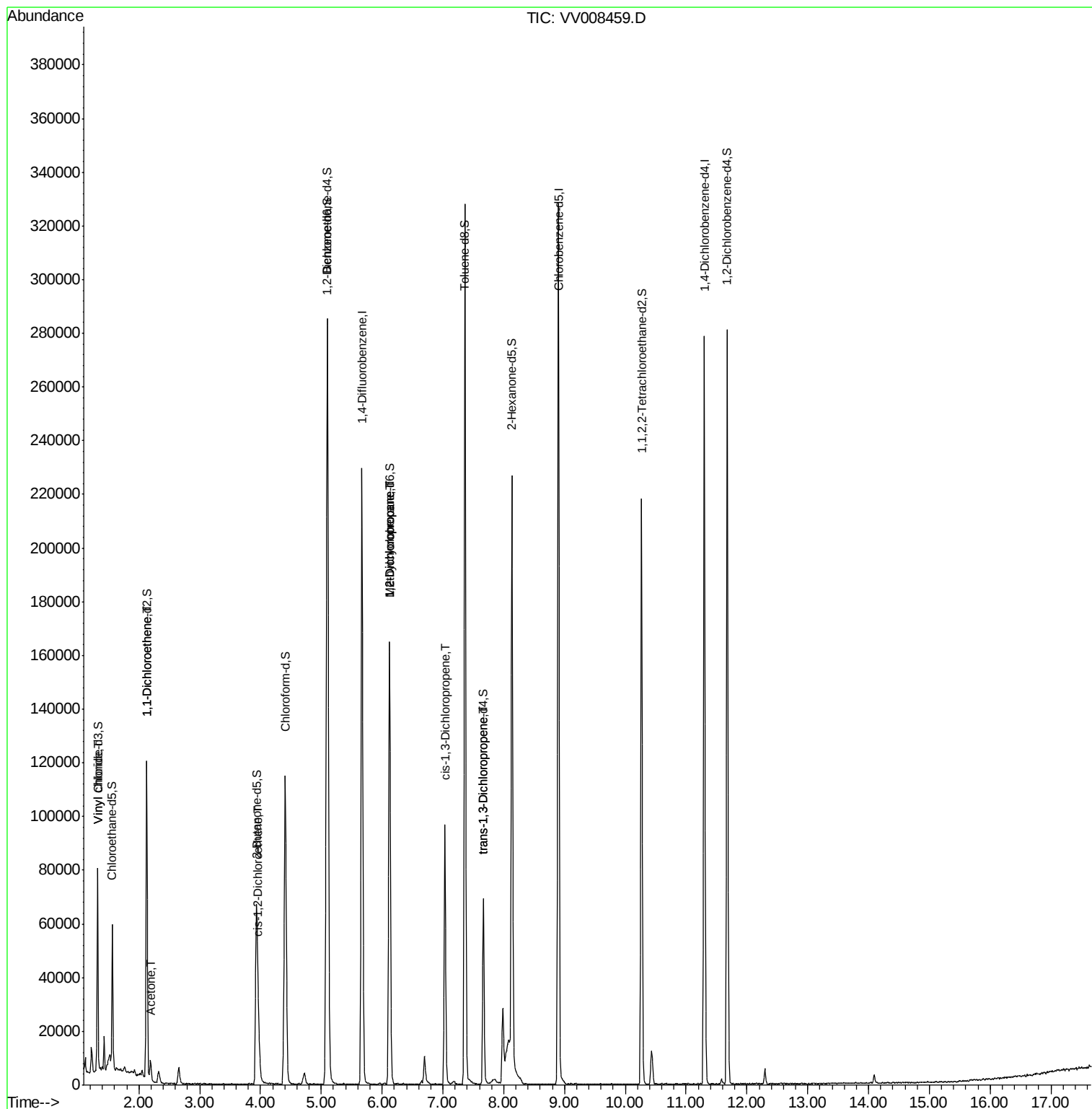
					Qvalue
5) Vinyl chloride	1.32	62	1337	1.004 ug/L #	1
12) 1,1-Dichloroethene	2.13	96	488	0.579 ug/L #	1
13) Acetone	2.19	43	5455	6.218 ug/L	100
20) cis-1,2-Dichloroethene	3.97	96	6647	4.541 ug/L	98
35) Methylcyclohexane	6.12	83	18404	7.520 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	8450	5.442 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	2391	0.979 ug/L #	62
44) trans-1,3-Dichloropropene	7.67	75	1684	0.737 ug/L	96

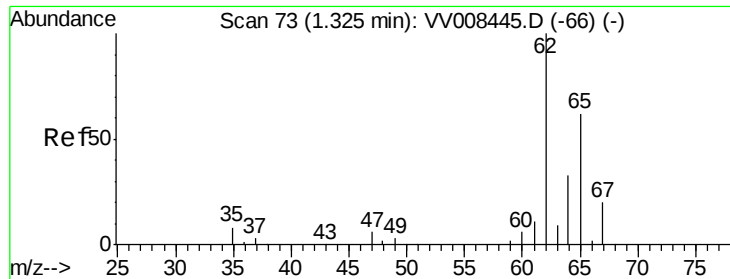
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.004 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VV008459.D

Acq: 29 Oct 2018 17:25

Instrument :

MSVOA_V

ClientSampled :

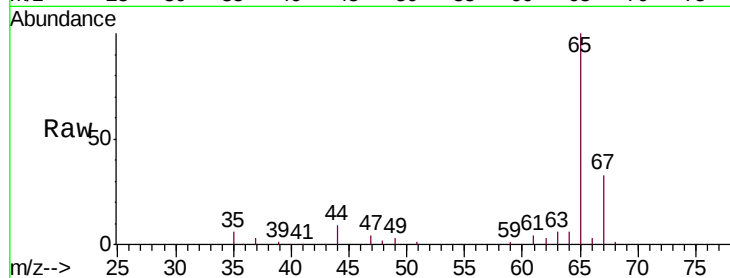
ETBR7

Tgt Ion: 62 Resp: 1337

Ion Ratio Lower Upper

62 100

64 165.1 24.4 45.4#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0

2500

2000

1500

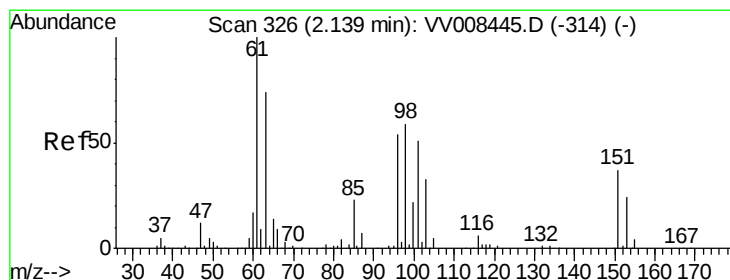
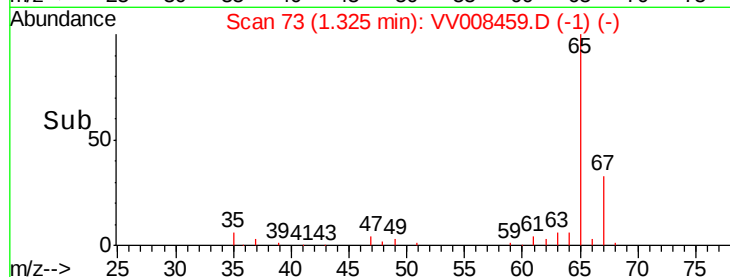
1000

500

0

1.30 1.32 1.34 1.36

Time-->



#12

1,1-Dichloroethene

Concen: 0.579 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008459.D

Acq: 29 Oct 2018 17:25

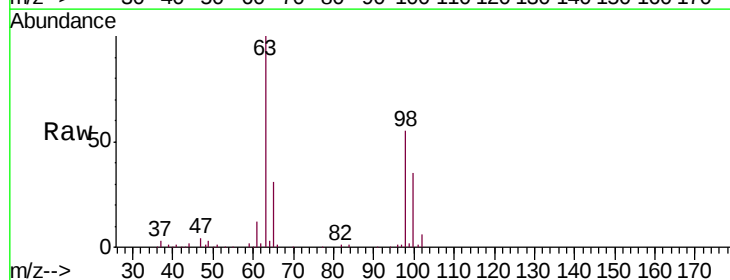
Tgt Ion: 96 Resp: 488

Ion Ratio Lower Upper

96 100

61 1630.0 130.3 242.1#

63 13171.8 84.4 156.8#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

60000

50000

40000

30000

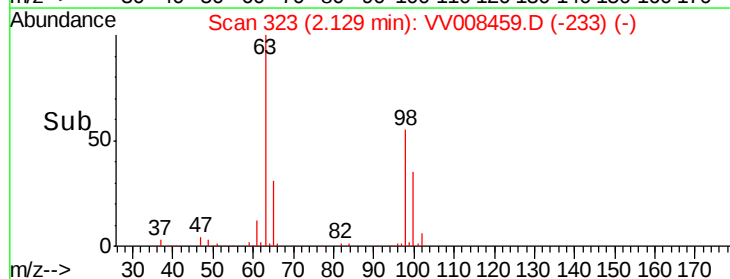
20000

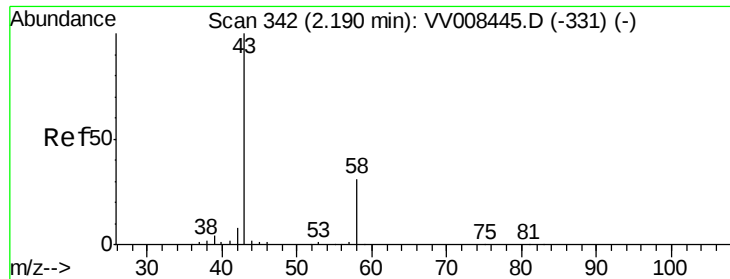
10000

0

2.10 2.12 2.14

Time-->





#13

Acetone

Concen: 6.218 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV008459.D

Acq: 29 Oct 2018 17:25

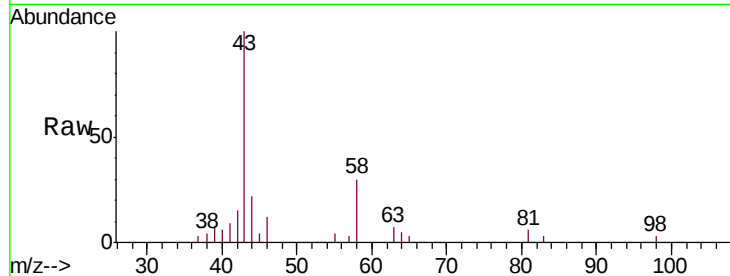
Instrument :
MSVOA_V
ClientSampled :
ETBR7

Tgt Ion: 43 Resp: 5455

Ion Ratio Lower Upper

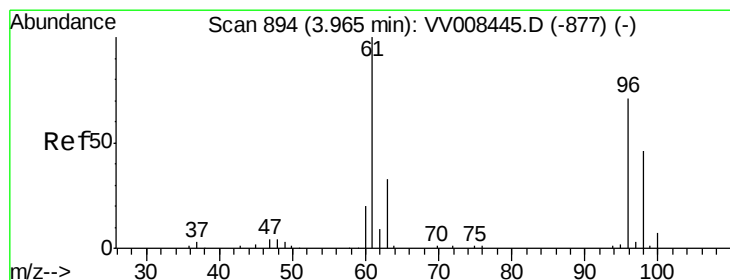
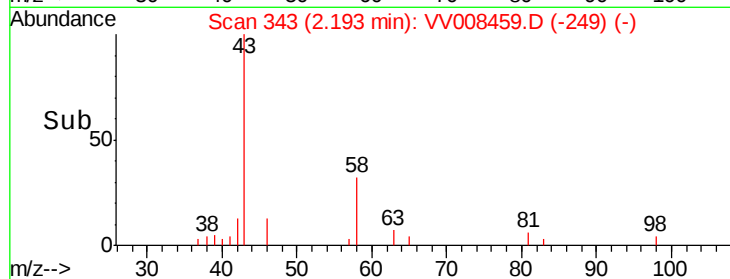
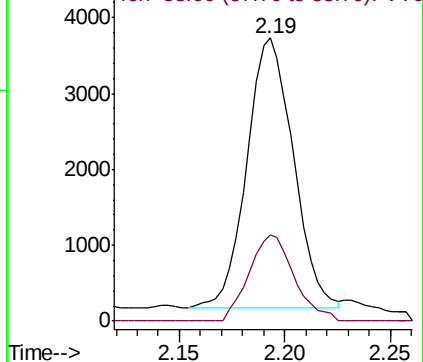
43 100

58 31.0 0.0 61.4



Abundance Ion 43.00 (42.70 to 43.70): VV008445.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV008445.D (-331) (-)



#20

cis-1,2-Dichloroethene

Concen: 4.541 ug/L

RT: 3.97 min Scan# 895

Delta R.T. 0.00 min

Lab File: VV008459.D

Acq: 29 Oct 2018 17:25

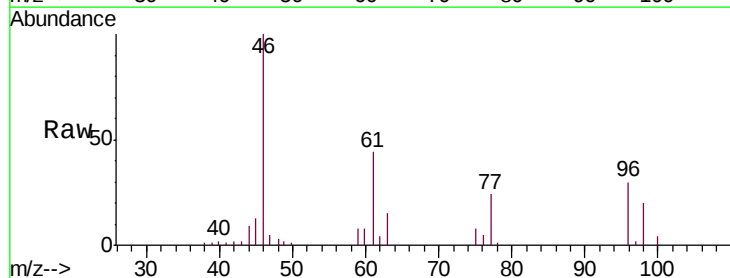
Tgt Ion: 96 Resp: 6647

Ion Ratio Lower Upper

96 100

61 146.5 100.9 187.5

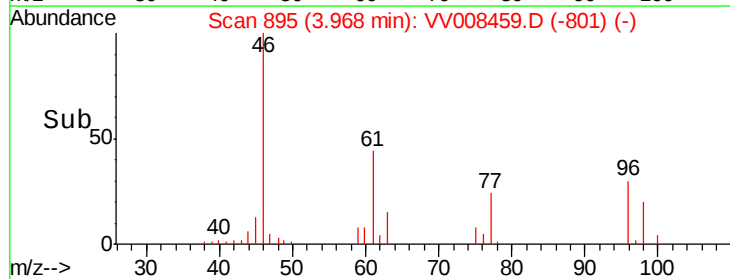
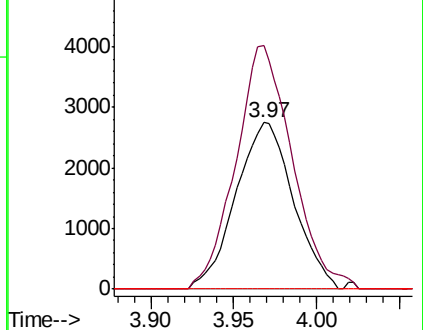
68 0.0 0.0 0.0

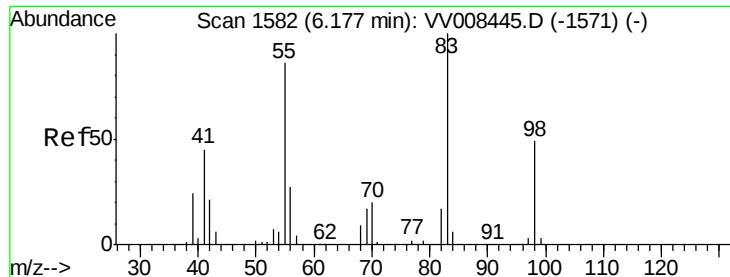


Abundance Ion 96.00 (95.70 to 96.70): VV008445.D (-877) (-)

Ion 61.00 (60.70 to 61.70): VV008445.D (-877) (-)

Ion 68.00 (67.70 to 68.70): VV008445.D (-877) (-)

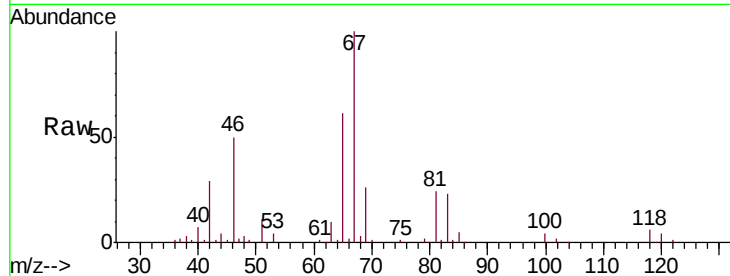




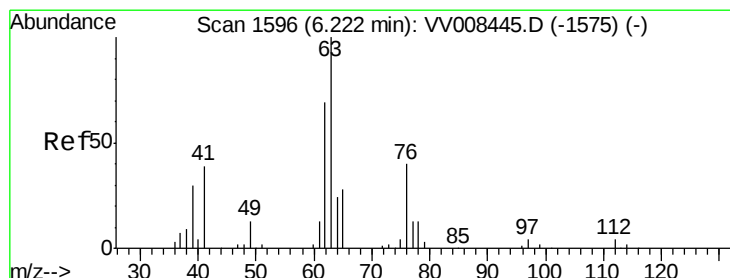
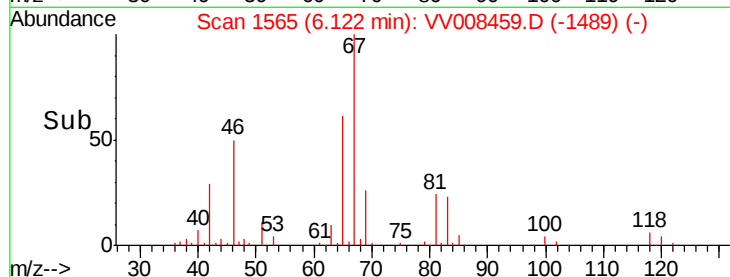
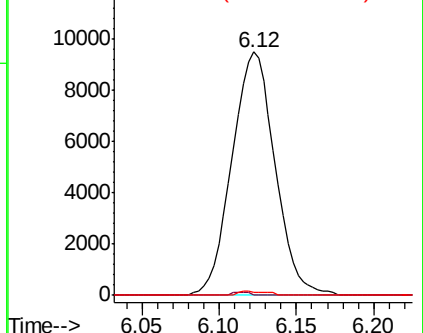
#35
Methylcyclohexane
Concen: 7.520 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008459.D
Acq: 29 Oct 2018 17:25

Instrument :
MSVOA_V
ClientSampleId :
ETBR7

Tgt Ion: 83 Resp: 18404
Ion Ratio Lower Upper
83 100
55 0.5 65.0 97.4#
98 0.7 36.0 54.0#

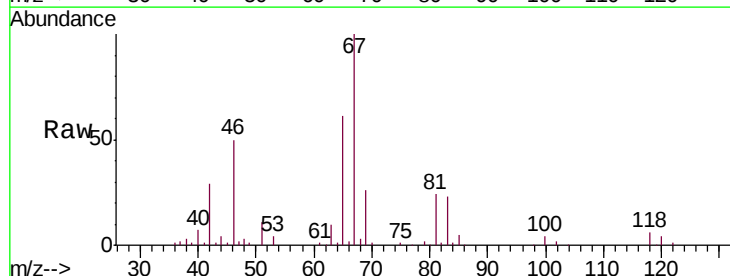


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

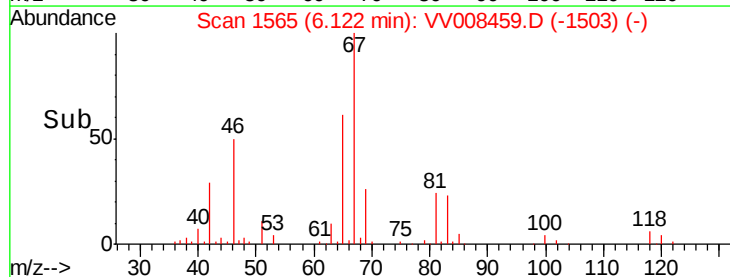
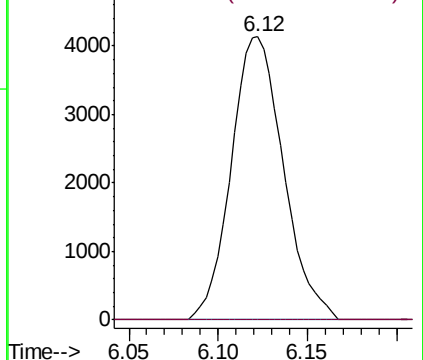


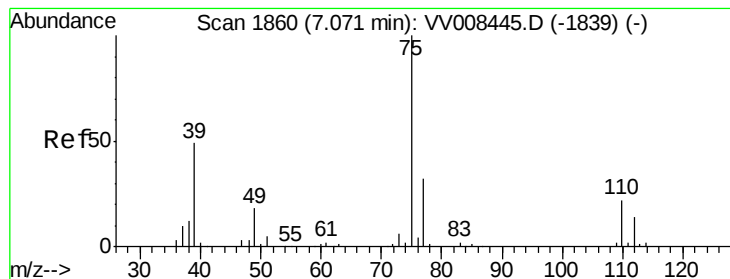
#37
1,2-Dichloropropane
Concen: 5.442 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008459.D
Acq: 29 Oct 2018 17:25

Tgt Ion: 63 Resp: 8450
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V



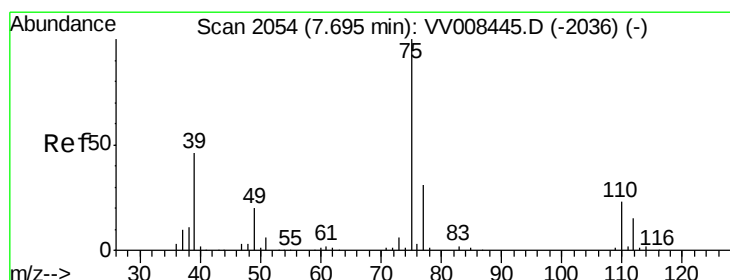
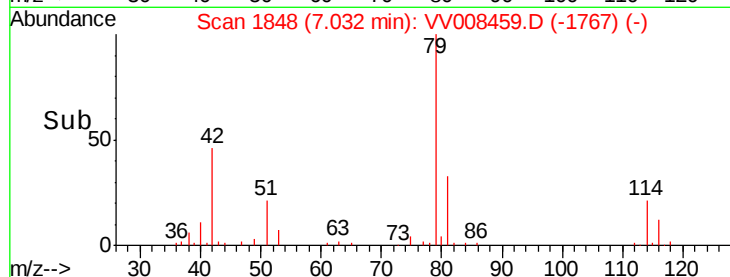
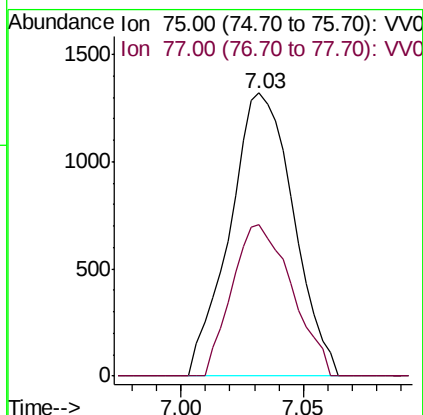
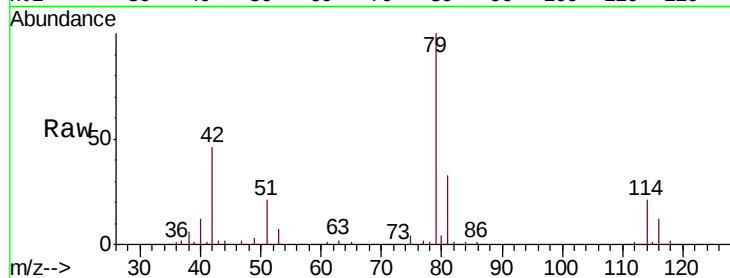


#39

cis-1,3-Dichloropropene
Concen: 0.979 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV008459.D
Acq: 29 Oct 2018 17:25

Instrument :
MSVOA_V
ClientSampled :
ETBR7

Tgt Ion: 75 Resp: 2391
Ion Ratio Lower Upper
75 100
77 53.4 22.6 42.0#



#44

trans-1,3-Dichloropropene
Concen: 0.737 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV008459.D
Acq: 29 Oct 2018 17:25

Tgt Ion: 75 Resp: 1684
Ion Ratio Lower Upper
75 100
77 33.1 21.8 40.4

