

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091218\
 Data File : VV007503.D
 Acq On : 13 Sep 2018 04:08
 Operator : SY/MD
 Sample : J4872-02
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KN9

Quant Time: Sep 13 07:20:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 13 07:19:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	120174	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	110543	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	56664	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34503	5.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.40%
7) Chloroethane-d5	1.58	69	27051	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.13	63	55464	4.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.60%
20) 2-Butanone-d5	3.96	46	68683	49.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.20%
24) Chloroform-d	4.41	84	64721	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.09	65	34709	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.10	84	130337	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.13	67	37868	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.36	98	130777	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
43) trans-1,3-Dichloropropene-	7.67	79	17384	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.14	63	37682	42.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.28%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	27016	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	52555	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

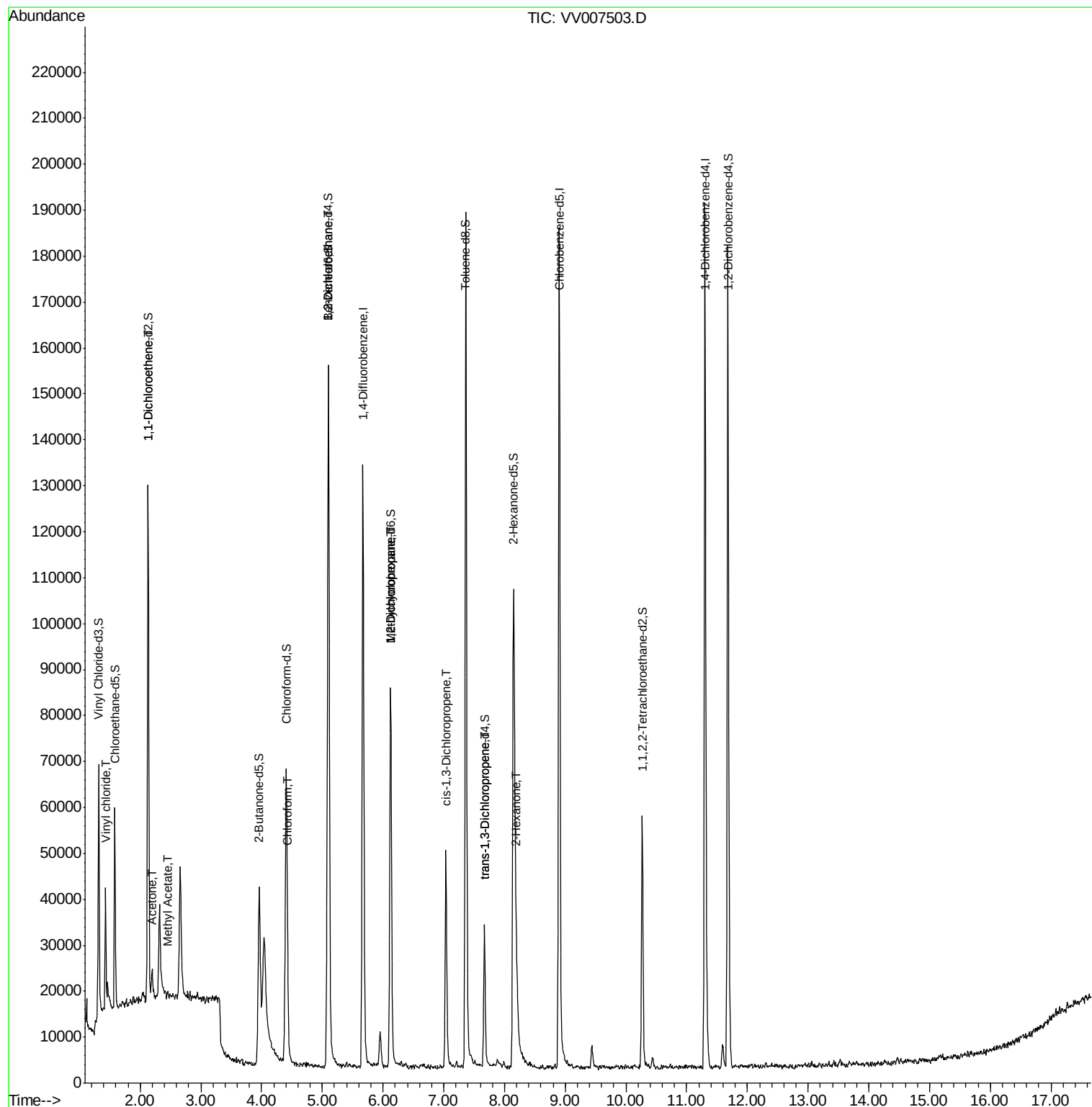
					Qvalue
5) Vinyl chloride	1.43	62	512	0.073 ug/L	85
12) 1,1-Dichloroethene	2.14	96	1223	0.197 ug/L #	1
13) Acetone	2.19	43	5890	7.286 ug/L	91
15) Methyl Acetate	2.46	43	273	0.122 ug/L	95
25) Chloroform	4.43	83	1659	0.149 ug/L #	68
27) 1,2-Dichloroethane	5.10	62	775	0.111 ug/L #	60
35) Methylcyclohexane	6.13	83	9792	0.868 ug/L #	23
37) 1,2-Dichloropropane	6.13	63	4552	0.745 ug/L #	86
39) cis-1,3-Dichloropropene	7.04	75	1338	0.136 ug/L #	34
44) trans-1,3-Dichloropropene	7.67	75	960	0.116 ug/L #	52
48) 2-Hexanone	8.20	43	9521	3.761 ug/L #	75

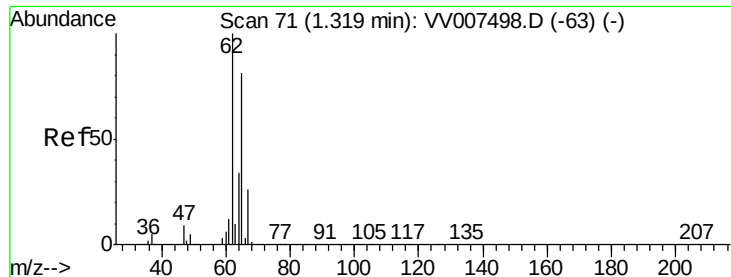
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 13 07:19:10 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.073 ug/L

RT: 1.43 min Scan# 106

Delta R.T. 0.11 min

Lab File: VV007503.D

Acq: 13 Sep 2018 04:08

Instrument :

MSVOA_V

ClientSampled :

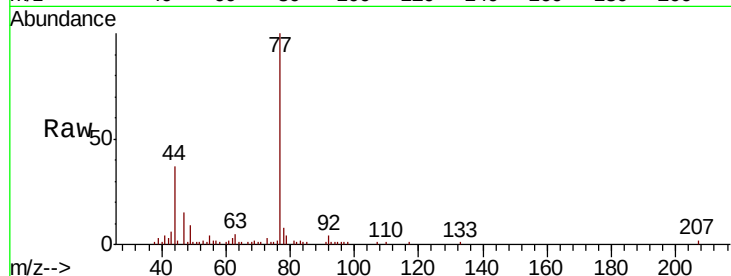
C0KN9

Tgt Ion: 62 Resp: 512

Ion Ratio Lower Upper

62 100

64 24.6 23.1 42.9



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0

1.43

400

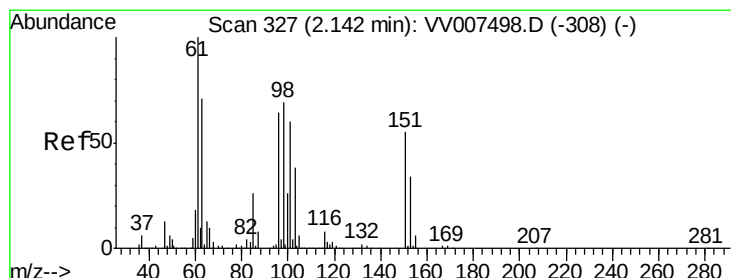
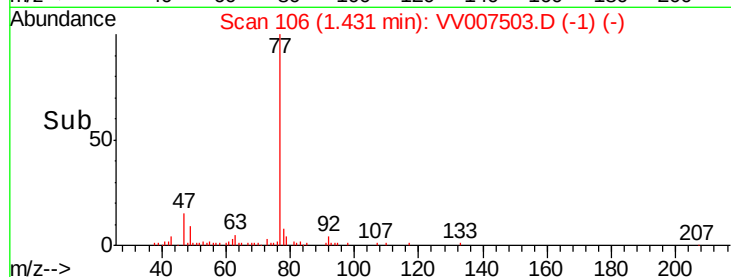
300

200

100

0

Time--> 1.40 1.42 1.44 1.46



#12

1,1-Dichloroethene

Concen: 0.197 ug/L

RT: 2.14 min Scan# 327

Delta R.T. -0.00 min

Lab File: VV007503.D

Acq: 13 Sep 2018 04:08

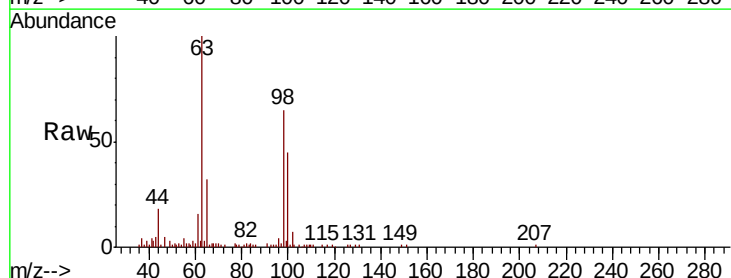
Tgt Ion: 96 Resp: 1223

Ion Ratio Lower Upper

96 100

61 370.9 108.0 200.6#

63 2267.7 85.7 159.1#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

50000

40000

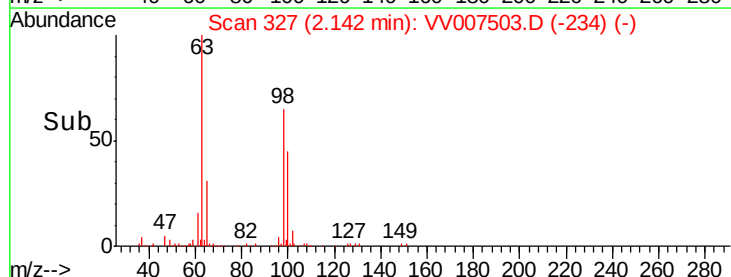
30000

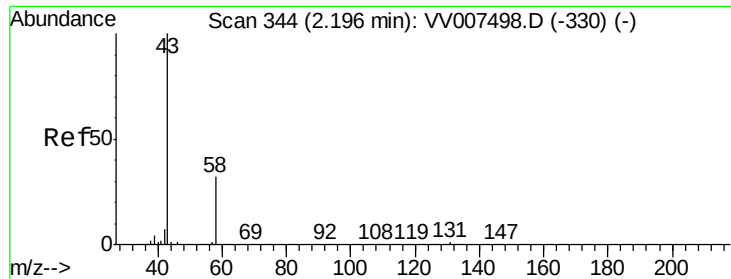
20000

10000

0

Time--> 2.10 2.15





#13

Acetone

Concen: 7.286 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.02 min

Lab File: VV007503.D

Acq: 13 Sep 2018 04:08

Instrument :

MSVOA_V

ClientSampleId :

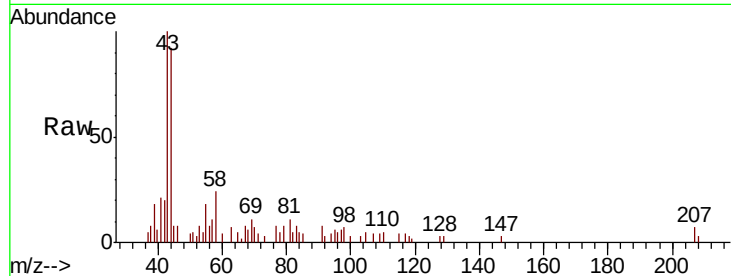
C0KN9

Tgt Ion: 43 Resp: 5890

Ion Ratio Lower Upper

43 100

58 27.7 0.0 65.4



Abundance Ion 43.05 (42.75 to 43.75): VV007498.D (-330) (-)

Ion 58.05 (57.75 to 58.75): VV007498.D (-330) (-)

5000

4000

3000

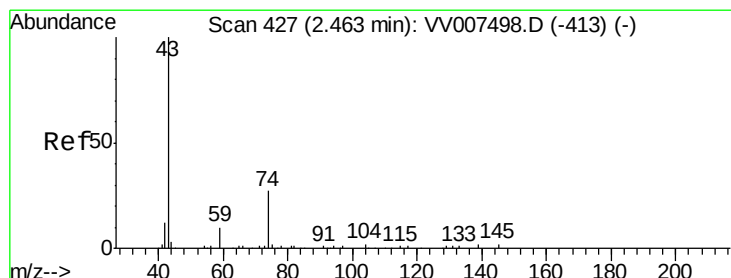
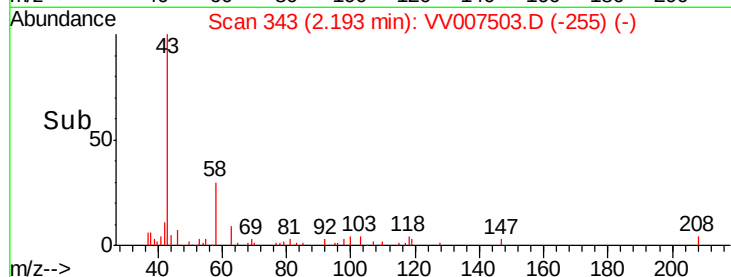
2000

1000

0

2.15 2.20 2.25

Time-->



#15

Methyl Acetate

Concen: 0.122 ug/L

RT: 2.46 min Scan# 425

Delta R.T. -0.01 min

Lab File: VV007503.D

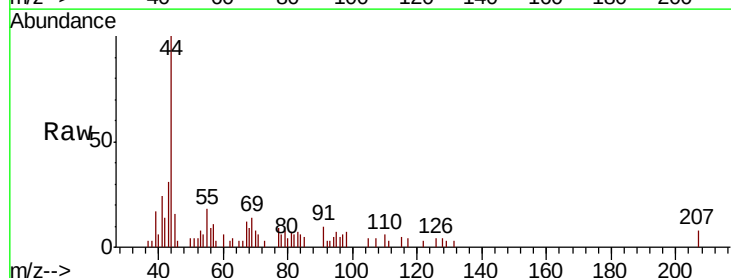
Acq: 13 Sep 2018 04:08

Tgt Ion: 43 Resp: 273

Ion Ratio Lower Upper

43 100

74 22.7 20.0 30.0



Abundance Ion 43.05 (42.75 to 43.75): VV007498.D (-413) (-)

Ion 74.05 (73.75 to 74.75): VV007498.D (-413) (-)

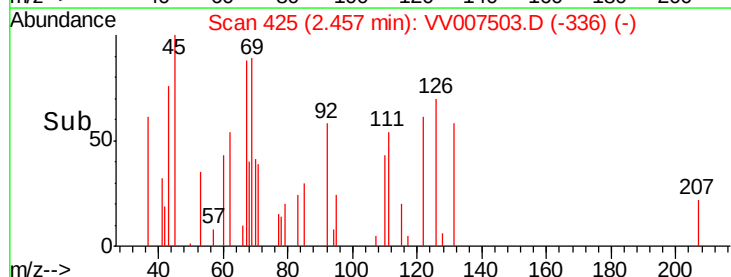
1000

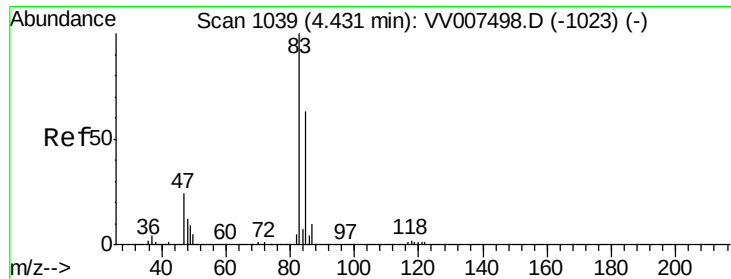
500

0

2.44 2.46 2.48

Time-->

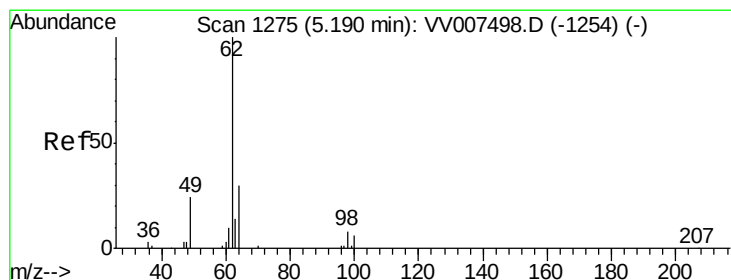
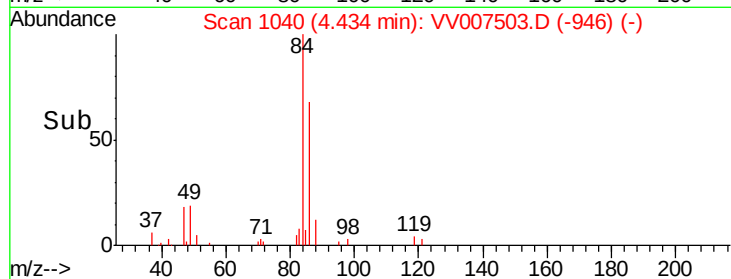
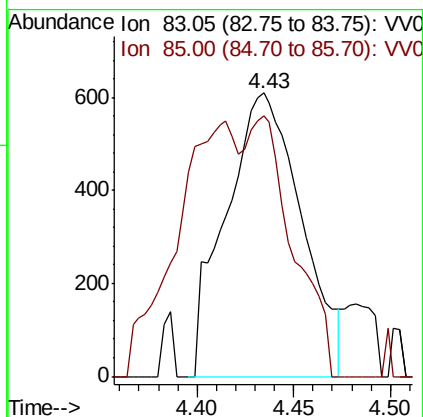
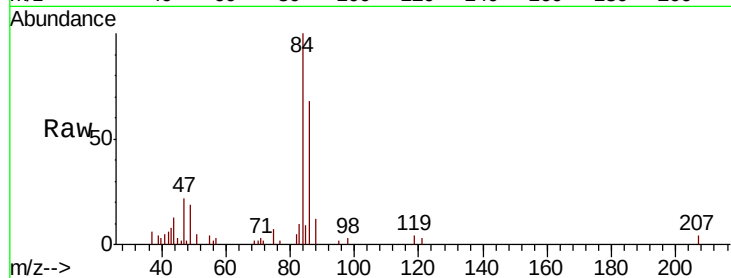




#25
Chloroform
Concen: 0.149 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VV007503.D
Acq: 13 Sep 2018 04:08

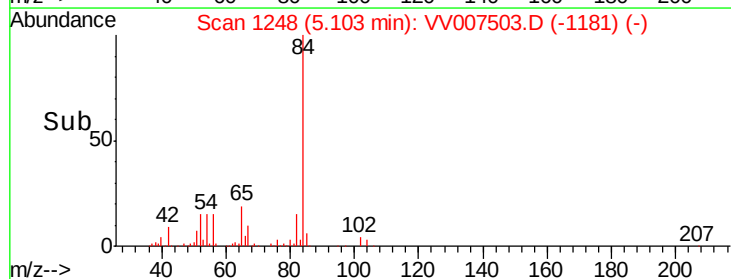
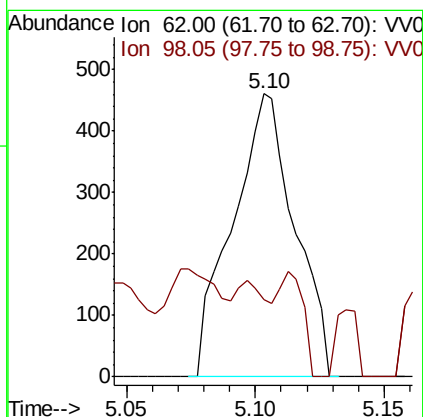
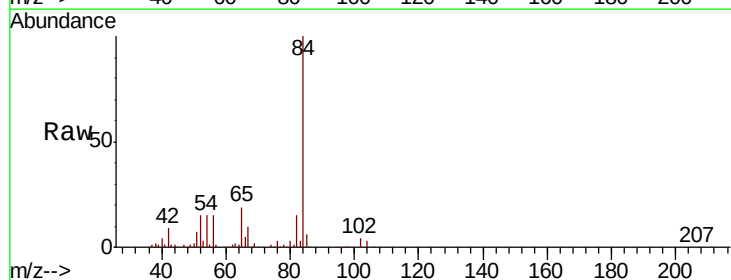
Instrument :
MSVOA_V
ClientSampled :
C0KN9

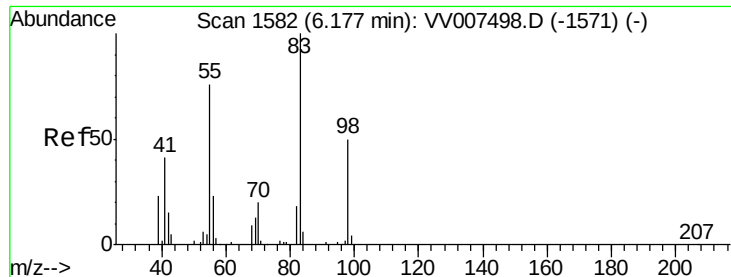
Tgt Ion: 83 Resp: 1659
Ion Ratio Lower Upper
83 100
85 92.0 46.6 86.6#



#27
1,2-Dichloroethane
Concen: 0.111 ug/L
RT: 5.10 min Scan# 1248
Delta R.T. -0.08 min
Lab File: VV007503.D
Acq: 13 Sep 2018 04:08

Tgt Ion: 62 Resp: 775
Ion Ratio Lower Upper
62 100
98 27.3 9.5 14.3#

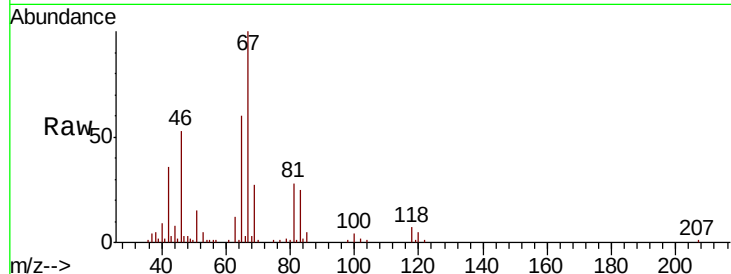




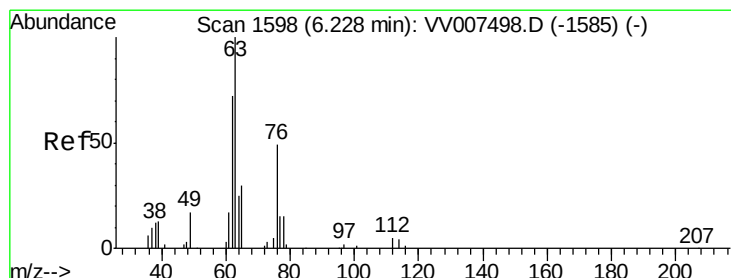
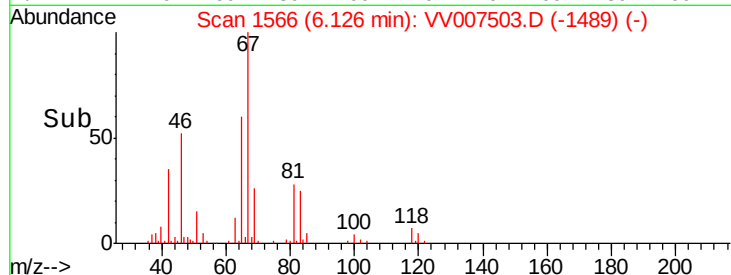
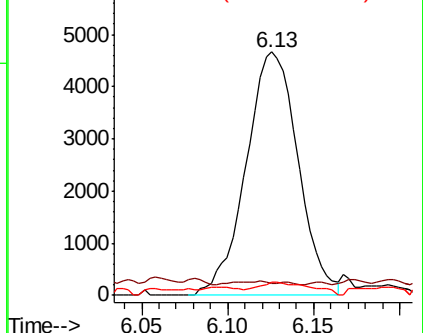
#35
Methylcyclohexane
Concen: 0.868 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV007503.D
Acq: 13 Sep 2018 04:08

Instrument :
MSVOA_V
ClientSampleId :
C0KN9

Tgt Ion: 83 Resp: 9792
Ion Ratio Lower Upper
83 100
55 0.3 57.4 86.0#
98 5.5 38.8 58.2#

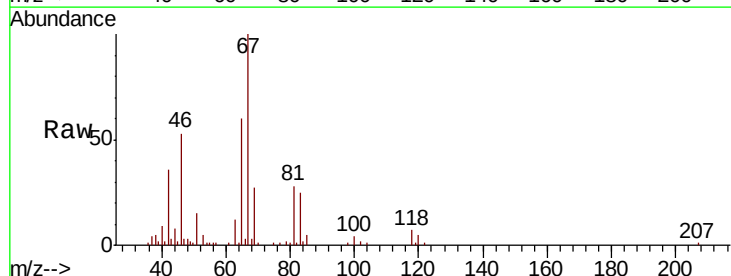


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

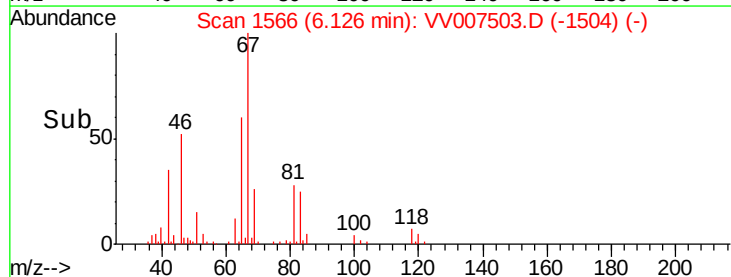
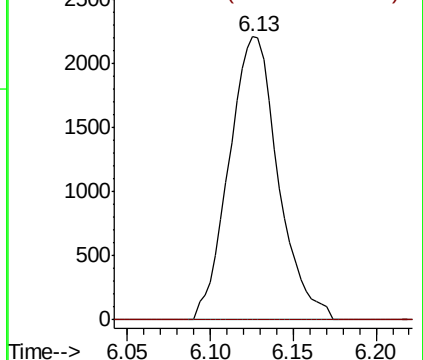


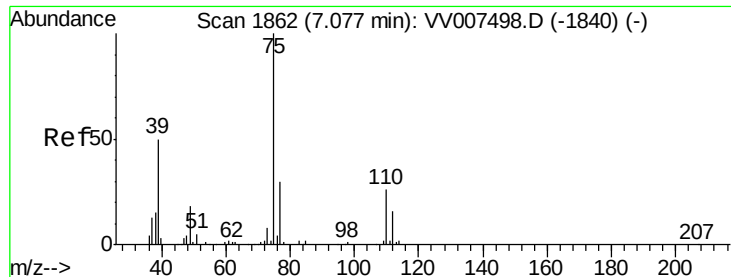
#37
1,2-Dichloropropane
Concen: 0.745 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV007503.D
Acq: 13 Sep 2018 04:08

Tgt Ion: 63 Resp: 4552
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



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: 0.136 ug/L

RT: 7.04 min Scan# 1850

Delta R.T. -0.04 min

Lab File: VV007503.D

Acq: 13 Sep 2018 04:08

Instrument :

MSVOA_V

ClientSampleId :

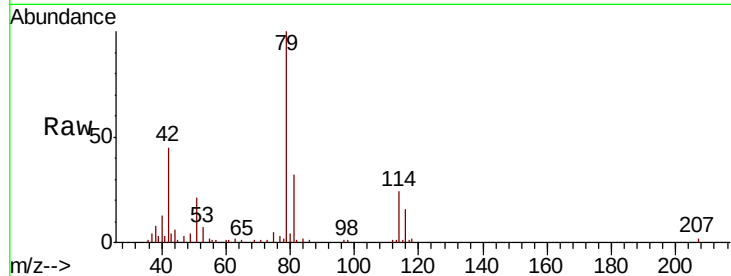
C0KN9

Tgt Ion: 75 Resp: 1338

Ion Ratio Lower Upper

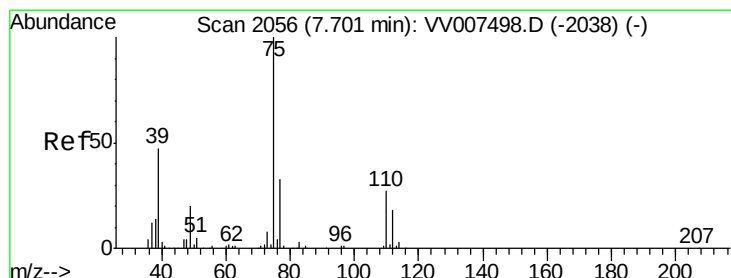
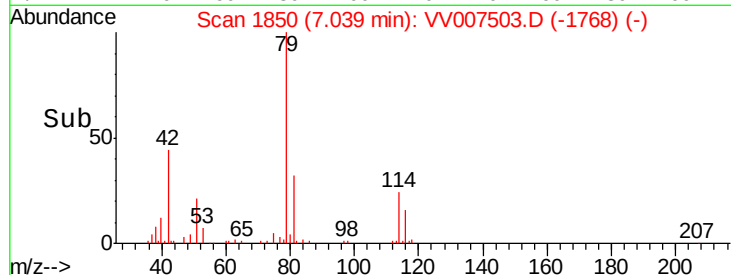
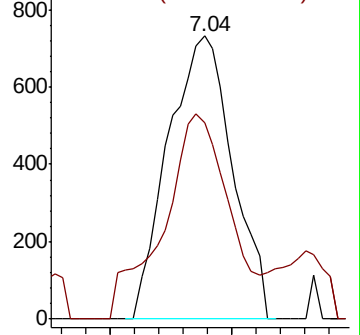
75 100

77 69.5 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.116 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV007503.D

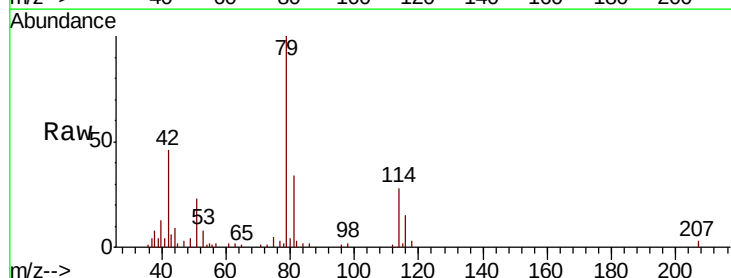
Acq: 13 Sep 2018 04:08

Tgt Ion: 75 Resp: 960

Ion Ratio Lower Upper

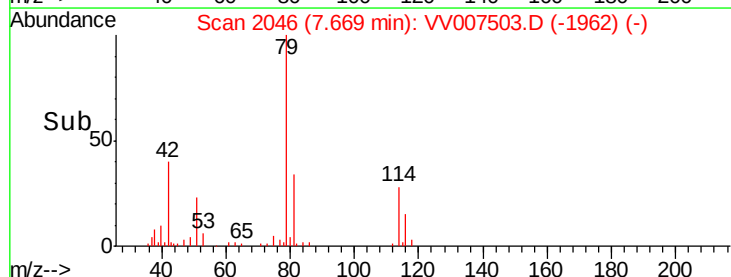
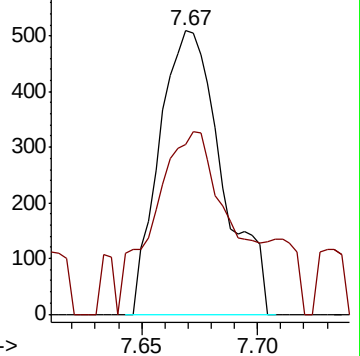
75 100

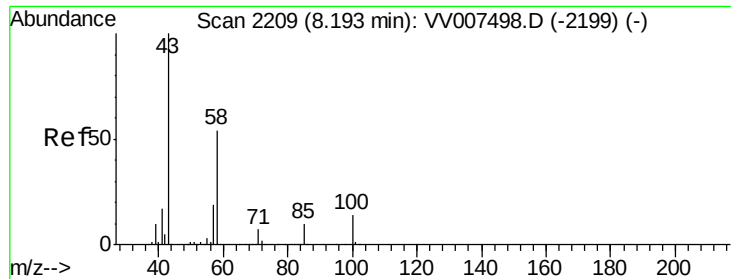
77 59.7 23.0 42.8#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0





#48
 2-Hexanone
 Concen: 3.761 ug/L
 RT: 8.20 min Scan# 2210
 Delta R.T. 0.00 min
 Lab File: VV007503.D
 Acq: 13 Sep 2018 04:08

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KN9

Tgt Ion: 43 Resp: 9521
 Ion Ratio Lower Upper
 43 100
 58 38.6 47.9 71.9#
 57 11.2 16.2 24.2#
 100 5.3 11.0 16.4#

