

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111918\
 Data File : VV008657.D
 Acq On : 19 Nov 2018 18:12
 Operator : SY/MD
 Sample : J5995-13
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0FM8

Quant Time: Nov 20 08:32:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 20 06:56:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	148207	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	136421	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58669	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28146	4.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.60%
7) Chloroethane-d5	1.59	69	24978	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.14	63	44965	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	3.96	46	116151	49.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.62%
24) Chloroform-d	4.41	84	81801	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.09	65	44026	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.10	84	162864	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.12	67	53394	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.36	98	143509	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	7.67	79	16991	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
46) 2-Hexanone-d5	8.14	63	90277	45.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.06%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37263	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	50428	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

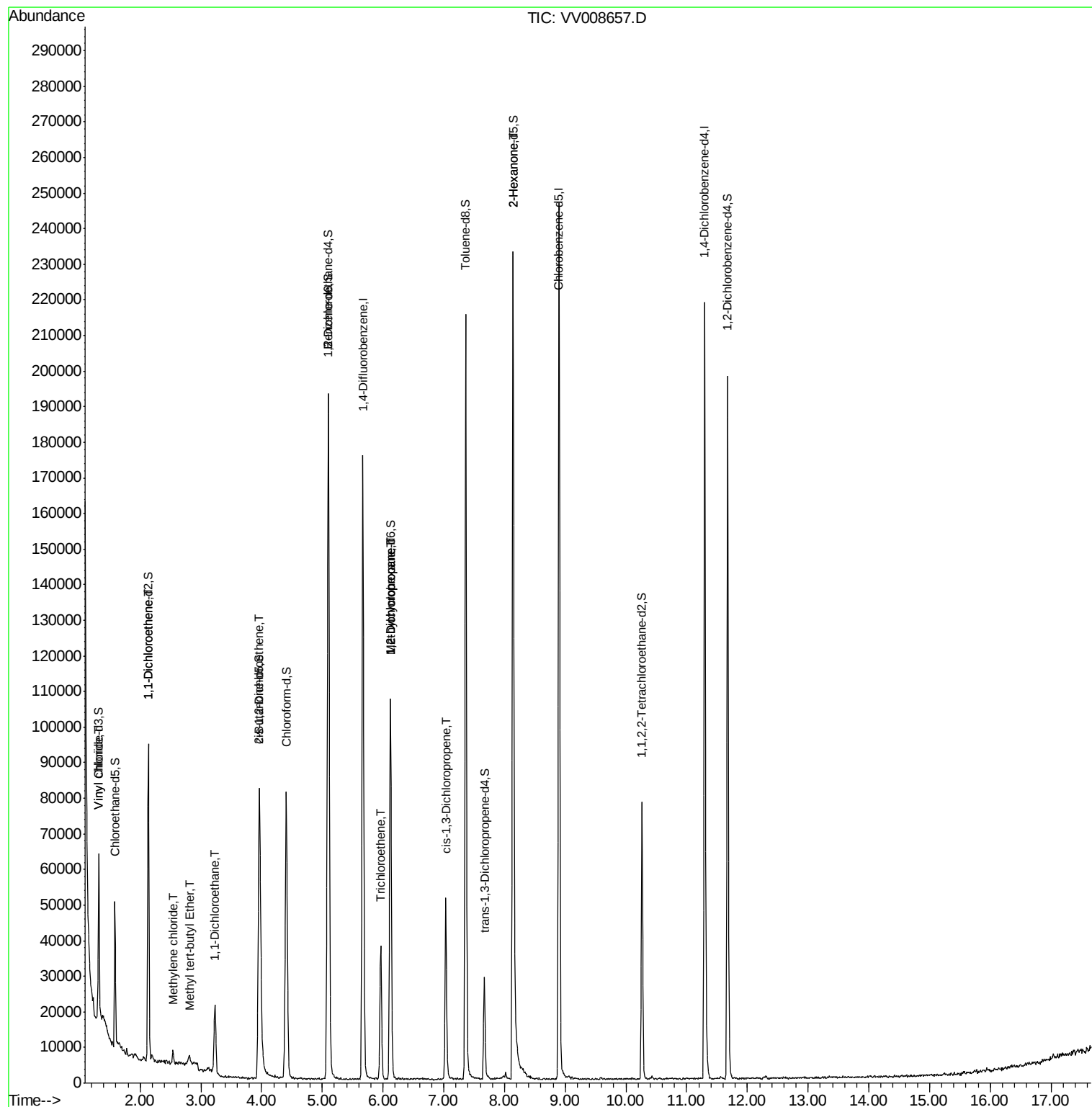
					Qvalue
5) Vinyl chloride	1.33	62	673	0.072 ug/L #	1
12) 1,1-Dichloroethene	2.14	96	767	0.112 ug/L #	1
16) Methylene chloride	2.54	84	1644	0.197 ug/L	93
17) Methyl tert-butyl Ether	2.81	73	2059	0.113 ug/L #	86
19) 1,1-Dichloroethane	3.23	63	20106	1.065 ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	11241	0.999 ug/L	92
34) Trichloroethene	5.96	95	13224	1.157 ug/L	96
35) Methylcyclohexane	6.13	83	11964	0.618 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	5566	0.490 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	1173	0.077 ug/L #	61
48) 2-Hexanone	8.14	43	12596	2.805 ug/L #	72

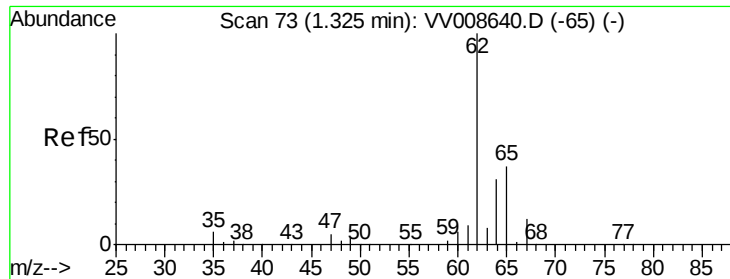
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 06:56:52 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.072 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV008657.D

Acq: 19 Nov 2018 18:12

Instrument :

MSVOA_V

ClientSampleId :

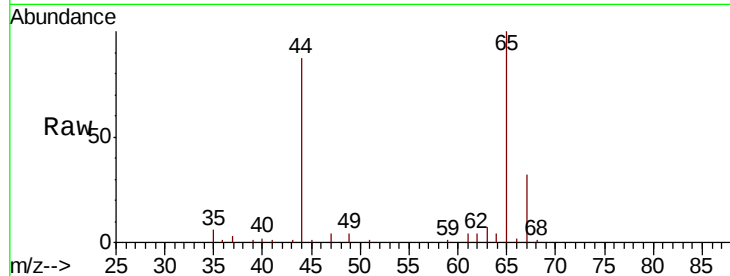
H0FM8

Tgt Ion: 62 Resp: 673

Ion Ratio Lower Upper

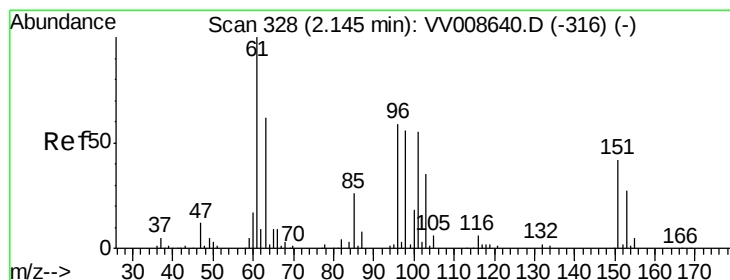
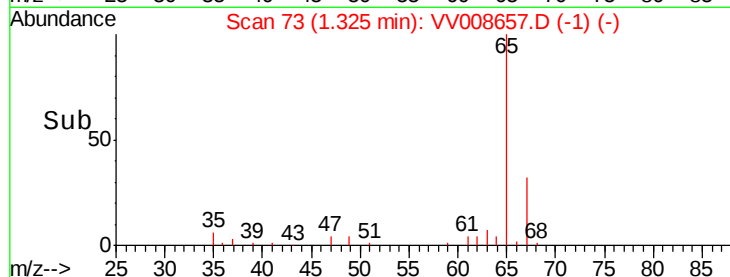
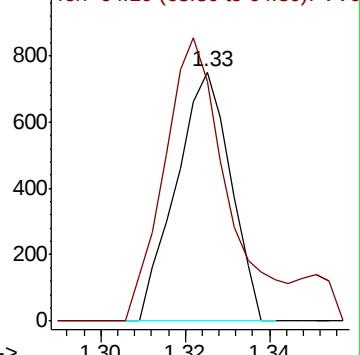
62 100

64 96.3 23.4 43.4#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#12

1,1-Dichloroethene

Concen: 0.112 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VV008657.D

Acq: 19 Nov 2018 18:12

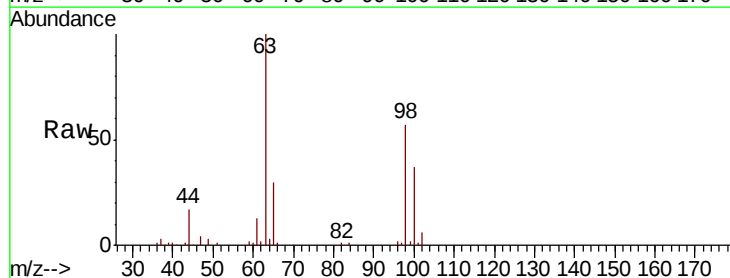
Tgt Ion: 96 Resp: 767

Ion Ratio Lower Upper

96 100

61 804.5 120.3 223.5#

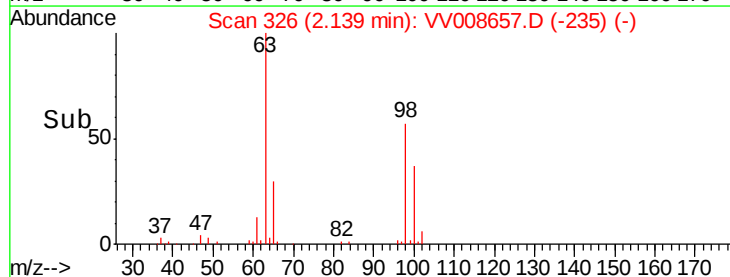
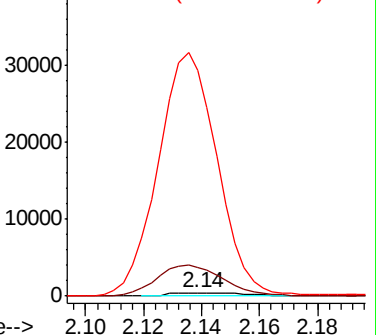
63 6267.0 82.5 153.3#

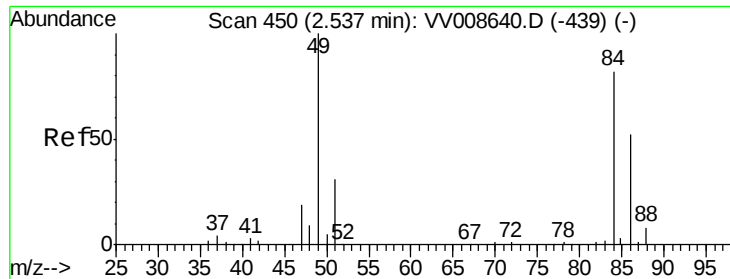


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

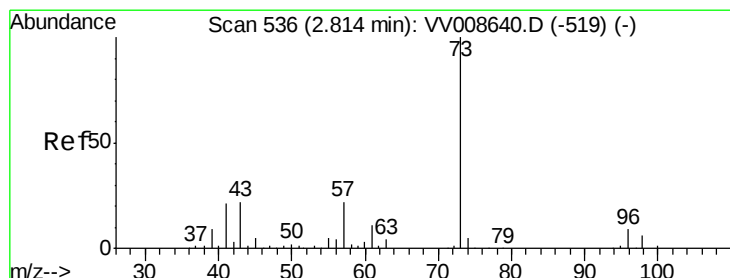
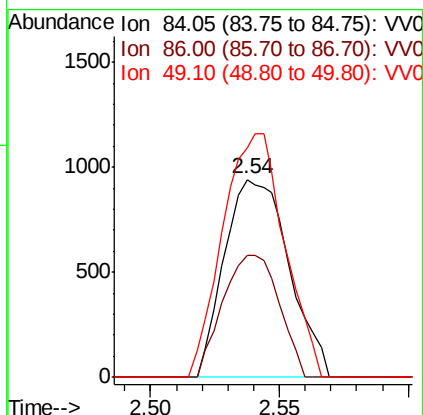
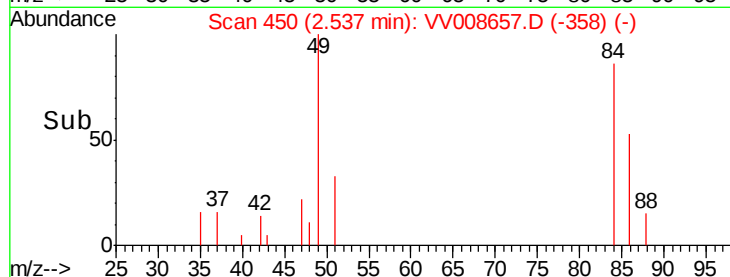
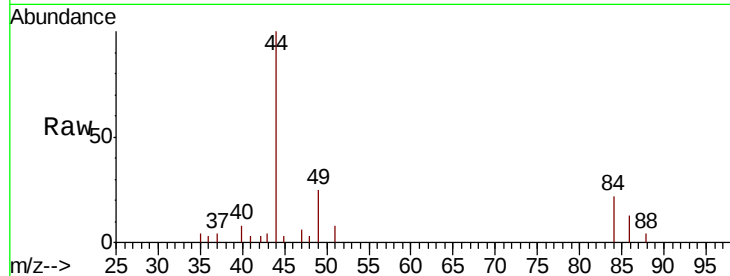




#16
Methylene chloride
Concen: 0.197 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV008657.D
Acq: 19 Nov 2018 18:12

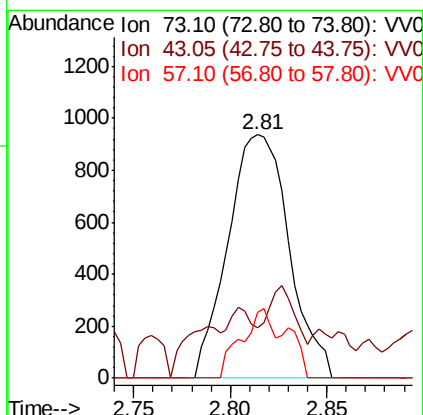
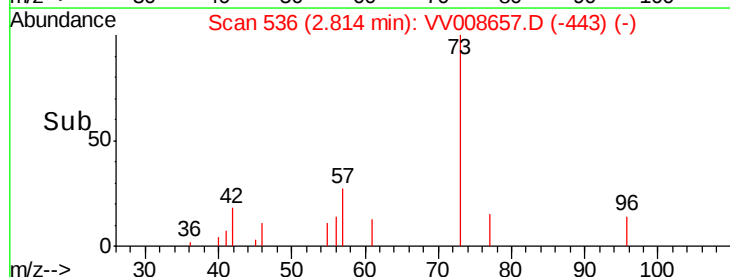
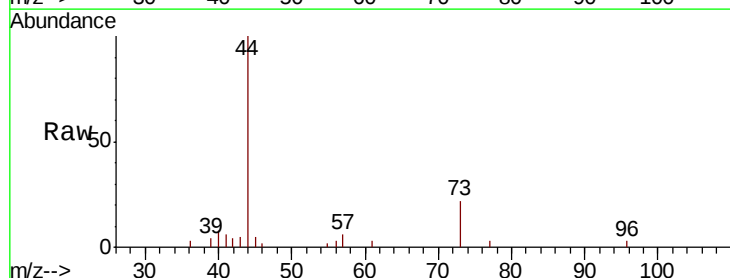
Instrument :
MSVOA_V
ClientSampled :
H0FM8

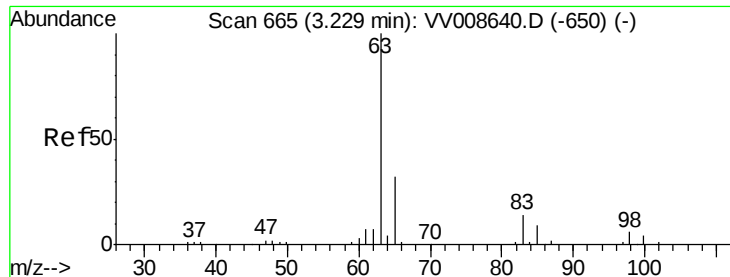
Tgt Ion: 84 Resp: 1644
Ion Ratio Lower Upper
84 100
86 61.4 44.8 83.2
49 116.2 88.1 163.7



#17
Methyl tert-butyl Ether
Concen: 0.113 ug/L
RT: 2.81 min Scan# 536
Delta R.T. 0.00 min
Lab File: VV008657.D
Acq: 19 Nov 2018 18:12

Tgt Ion: 73 Resp: 2059
Ion Ratio Lower Upper
73 100
43 14.9 18.1 27.1#
57 16.4 17.9 26.9#

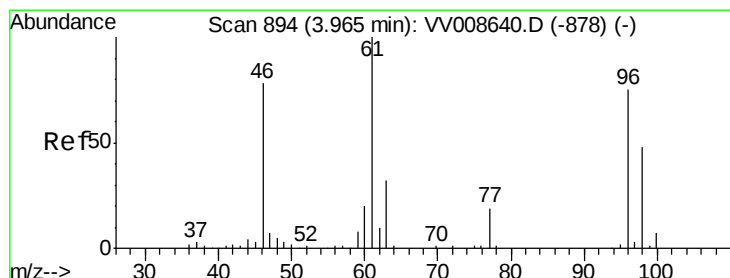
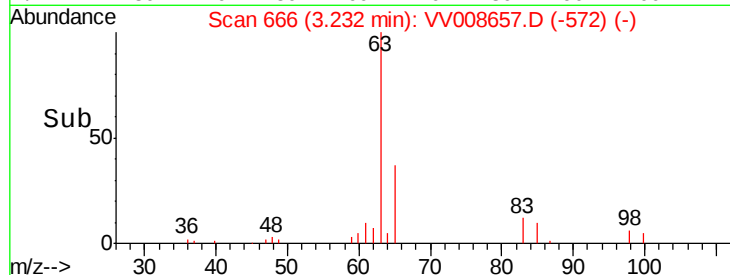
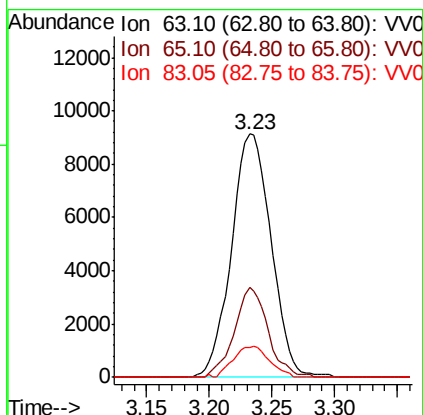
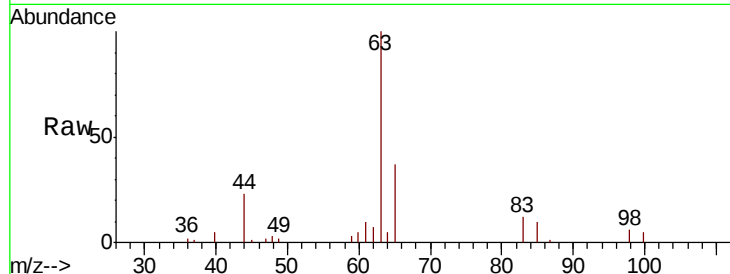




#19
 1,1-Dichloroethane
 Concen: 1.065 ug/L
 RT: 3.23 min Scan# 666
 Delta R.T. 0.00 min
 Lab File: VV008657.D
 Acq: 19 Nov 2018 18:12

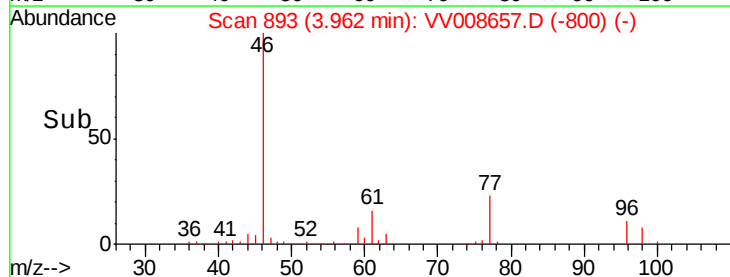
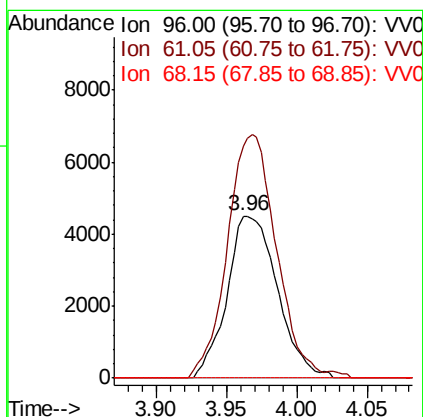
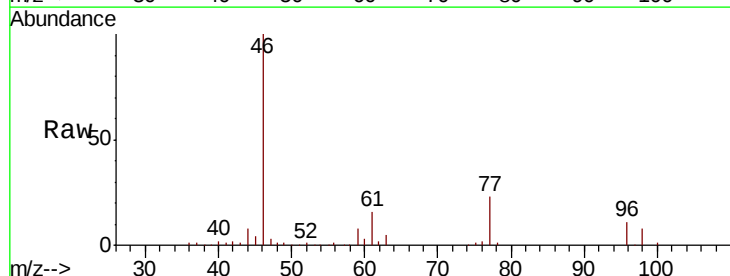
Instrument :
 MSVOA_V
 ClientSampleId :
 H0FM8

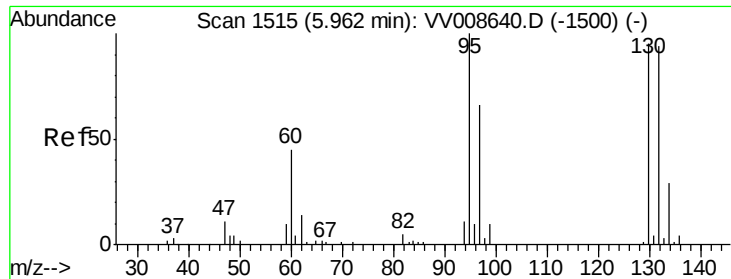
Tgt Ion: 63 Resp: 20106
 Ion Ratio Lower Upper
 63 100
 65 36.7 23.2 43.0
 83 12.2 9.5 17.7



#22
 cis-1,2-Dichloroethene
 Concen: 0.999 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: VV008657.D
 Acq: 19 Nov 2018 18:12

Tgt Ion: 96 Resp: 11241
 Ion Ratio Lower Upper
 96 100
 61 143.2 93.2 173.2
 68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 1.157 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV008657.D

Acq: 19 Nov 2018 18:12

Instrument :

MSVOA_V

ClientSampleId :

H0FM8

Tgt Ion: 95 Resp: 13224

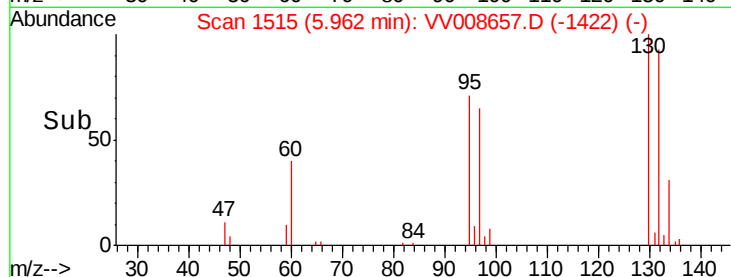
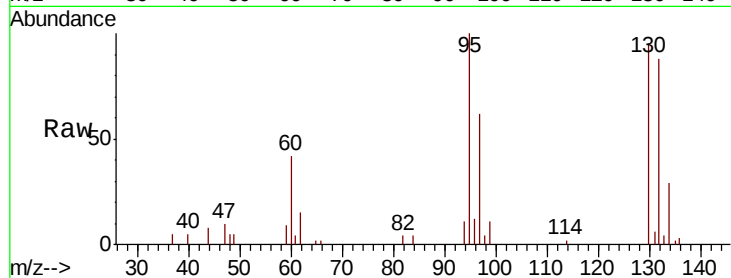
Ion Ratio Lower Upper

95 100

97 61.8 45.1 83.7

132 87.9 66.3 123.1

130 94.7 68.0 126.4

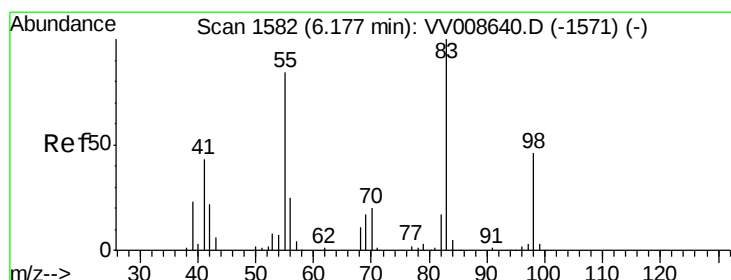
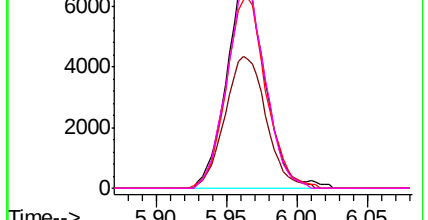


Abundance Ion 95.00 (94.70 to 95.70): VV008657.D (-1422) (-)

Ion 96.95 (96.65 to 97.65): VV008657.D (-1422) (-)

Ion 131.95 (131.65 to 132.65): VV008657.D (-1422) (-)

Ion 129.95 (129.65 to 130.65): VV008657.D (-1422) (-)



#35

Methylcyclohexane

Concen: 0.618 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.05 min

Lab File: VV008657.D

Acq: 19 Nov 2018 18:12

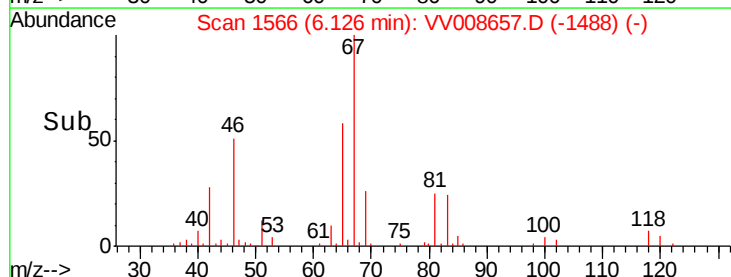
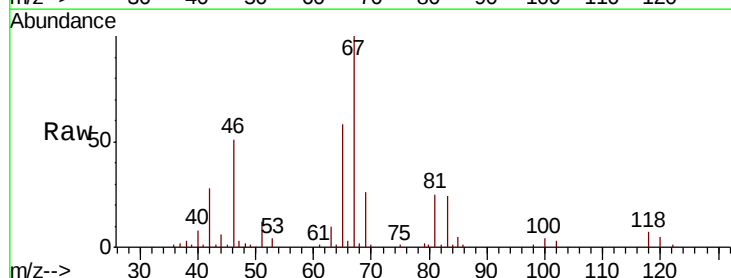
Tgt Ion: 83 Resp: 11964

Ion Ratio Lower Upper

83 100

55 0.0 65.6 98.4#

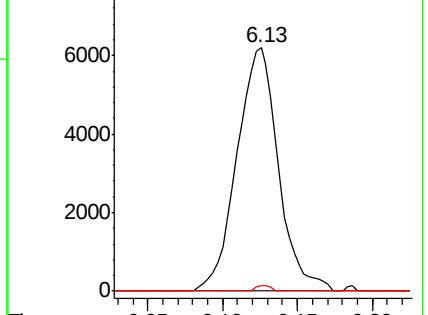
98 0.8 36.4 54.6#

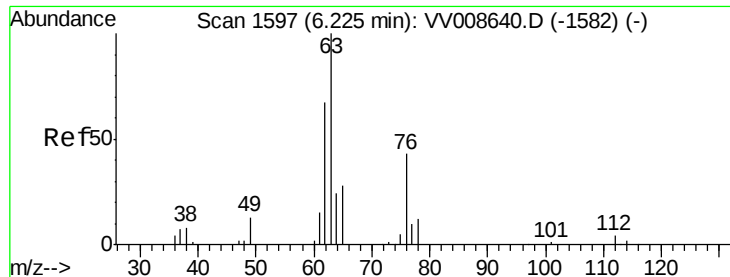


Abundance Ion 83.15 (82.85 to 83.85): VV008657.D (-1488) (-)

Ion 55.10 (54.80 to 55.80): VV008657.D (-1488) (-)

Ion 98.15 (97.85 to 98.85): VV008657.D (-1488) (-)





#37

1,2-Dichloropropane

Concen: 0.490 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV008657.D

Acq: 19 Nov 2018 18:12

Instrument :

MSVOA_V

ClientSampleId :

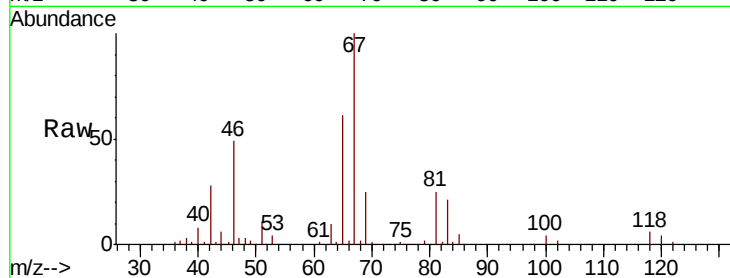
H0FM8

Tgt Ion: 63 Resp: 5566

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



Abundance Ion 63.10 (62.80 to 63.80): VV008640.D (-1582) (-)

Ion 112.10 (111.80 to 112.80): VV008640.D (-1582) (-)

6.12

3000

2500

2000

1500

1000

500

0

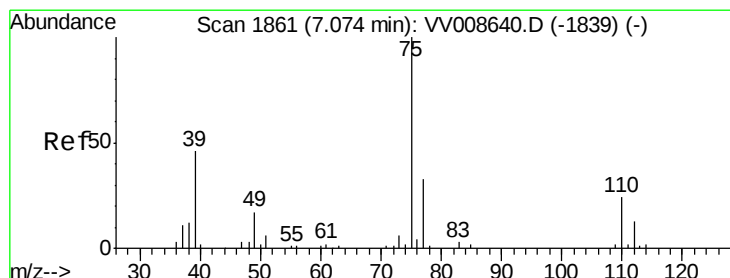
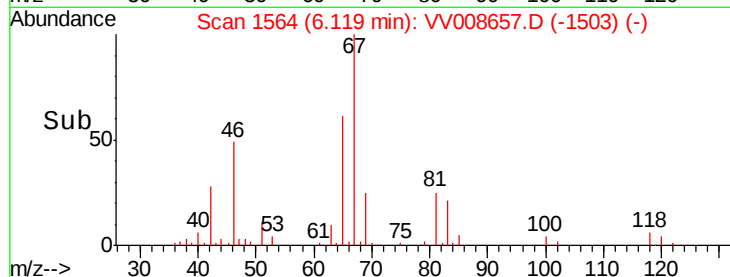
6.05

6.10

6.15

6.20

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.077 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008657.D

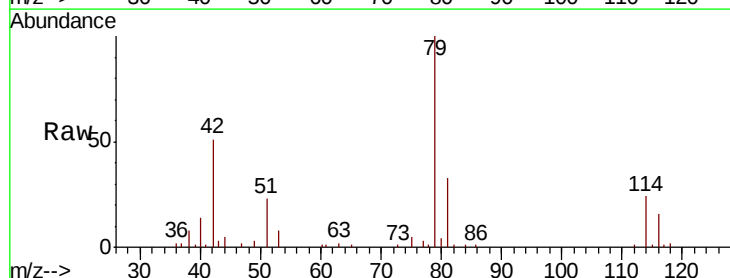
Acq: 19 Nov 2018 18:12

Tgt Ion: 75 Resp: 1173

Ion Ratio Lower Upper

75 100

77 54.8 23.0 42.8#



Abundance Ion 75.05 (74.75 to 75.75): VV008640.D (-1839) (-)

Ion 77.05 (76.75 to 77.75): VV008640.D (-1839) (-)

7.03

800

600

400

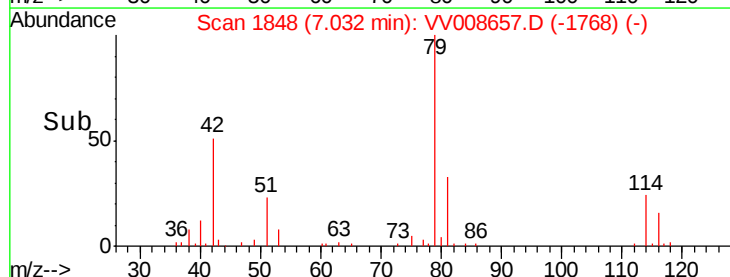
200

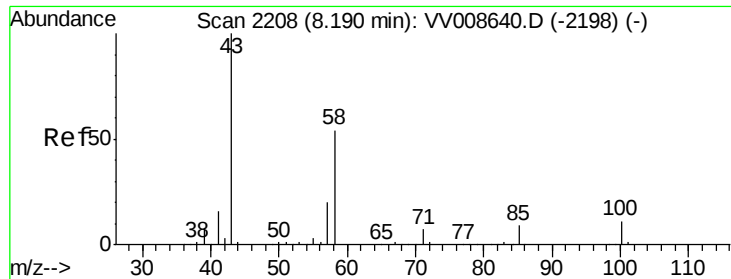
0

7.00

7.05

Time-->





#48

2-Hexanone

Concen: 2.805 ug/L

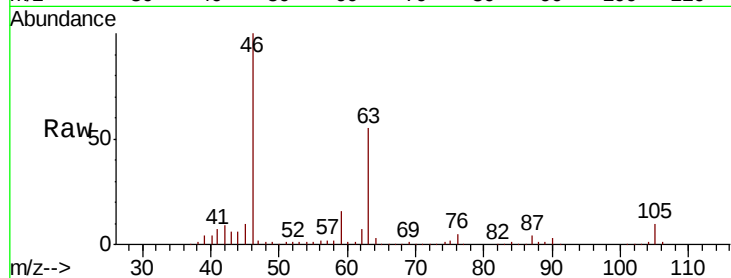
RT: 8.14 min Scan# 2193

Delta R.T. -0.05 min

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ClientSampleId :
H0FM8



Tgt Ion:	43	Resp:	12596
Ion	Ratio	Lower	Upper
43	100		
58	27.7	41.8	62.8#
57	22.7	15.4	23.0
100	0.0	8.7	13.1#

