

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091518\
 Data File : VV007576.D
 Acq On : 15 Sep 2018 20:14
 Operator : SY/MD
 Sample : J4888-04
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0KW1

Quant Time: Sep 17 01:47:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 17 01:45:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	115041	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	103698	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	53918	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25462	4.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.80%
7) Chloroethane-d5	1.59	69	24150	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.14	63	46371	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	3.97	46	41081	49.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.02%
24) Chloroform-d	4.41	84	58909	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.09	65	30366	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.11	84	117320	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.13	67	34467	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.36	98	119964	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
43) trans-1,3-Dichloropropene-	7.67	79	13782	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.15	63	21111	40.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.50%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21964	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	50030	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

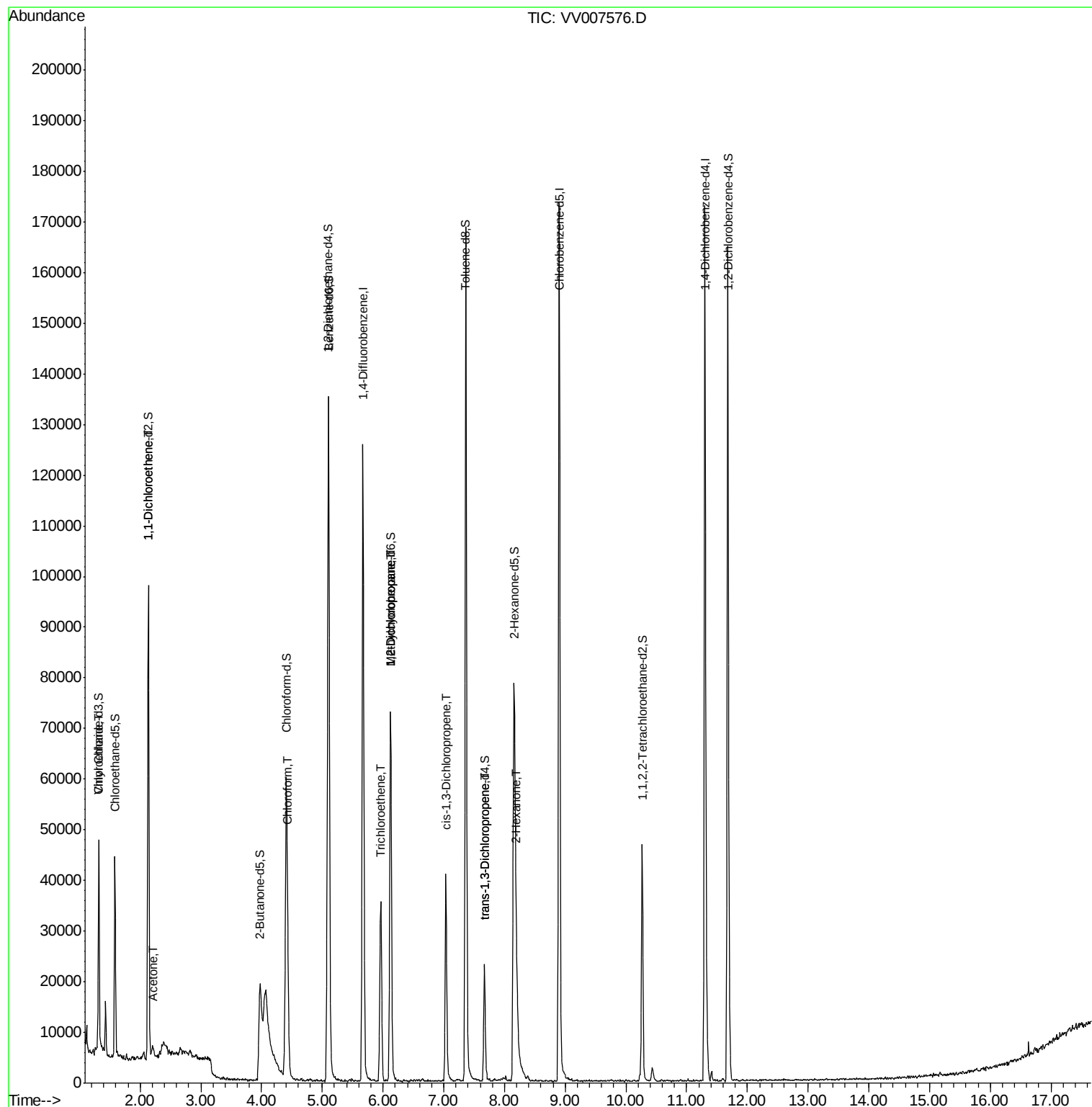
					Qvalue
8) Chloroethane	1.32	64	406	0.110 ug/L #	1
12) 1,1-Dichloroethene	2.14	96	740	0.127 ug/L #	1
13) Acetone	2.21	43	2930	5.352 ug/L	91
25) Chloroform	4.43	83	9161	0.866 ug/L	97
34) Trichloroethene	5.96	95	10186	1.551 ug/L	94
35) Methylcyclohexane	6.13	83	8632	0.851 ug/L #	35
37) 1,2-Dichloropropane	6.13	63	4002	0.758 ug/L #	85
39) cis-1,3-Dichloropropene	7.04	75	1204	0.144 ug/L #	69
44) trans-1,3-Dichloropropene	7.67	75	673	0.098 ug/L	86
48) 2-Hexanone	8.20	43	13245	5.988 ug/L #	40

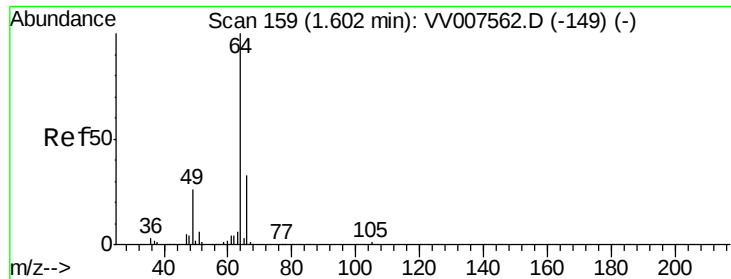
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 17 01:45:59 2018
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.110 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.28 min

Lab File: VV007576.D

Acq: 15 Sep 2018 20:14

Instrument :

MSVOA_W

ClientSampleId :

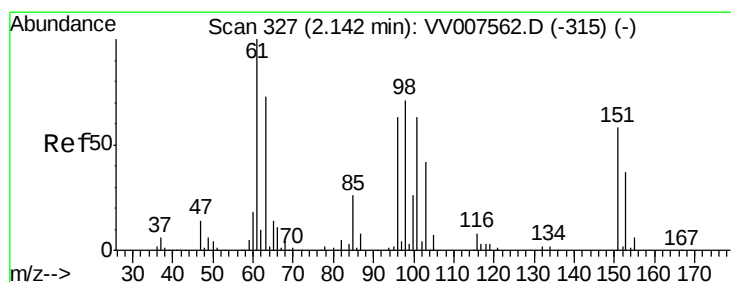
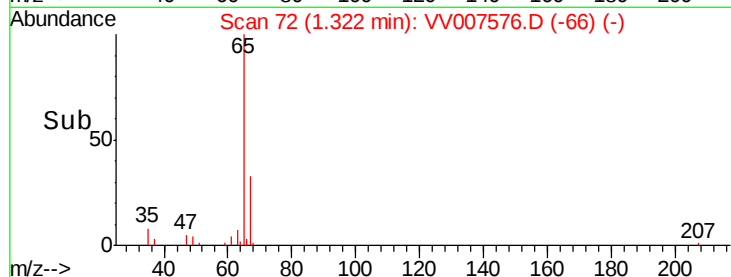
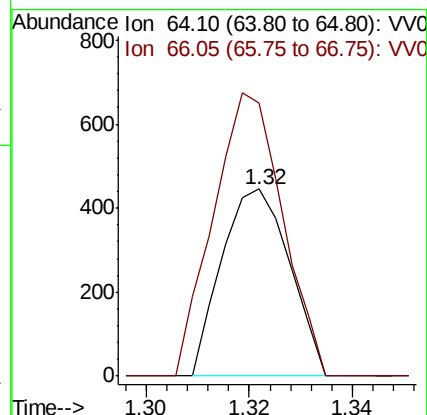
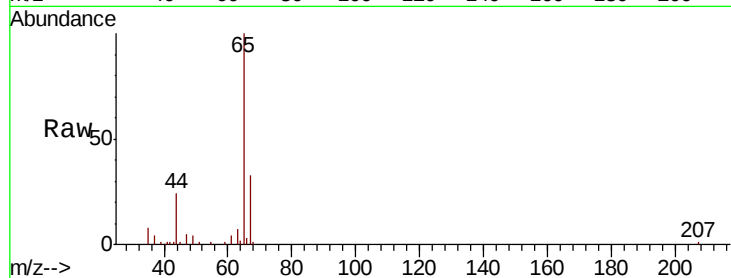
C0KW1

Tgt Ion: 64 Resp: 406

Ion Ratio Lower Upper

64 100

66 146.5 24.3 45.1#



#12

1,1-Dichloroethene

Concen: 0.127 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VV007576.D

Acq: 15 Sep 2018 20:14

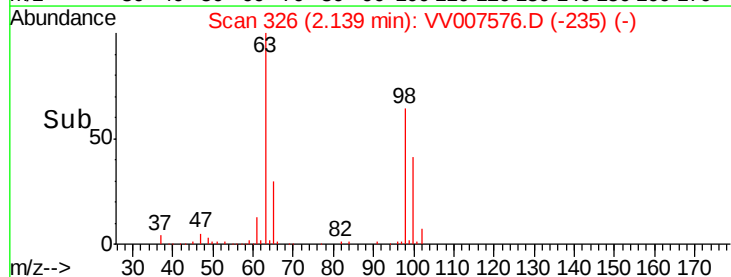
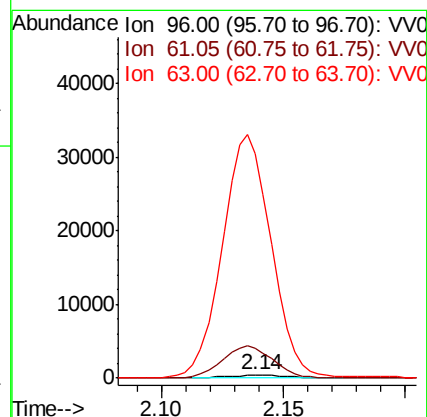
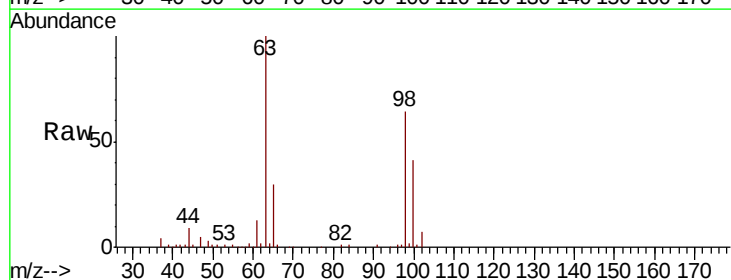
Tgt Ion: 96 Resp: 740

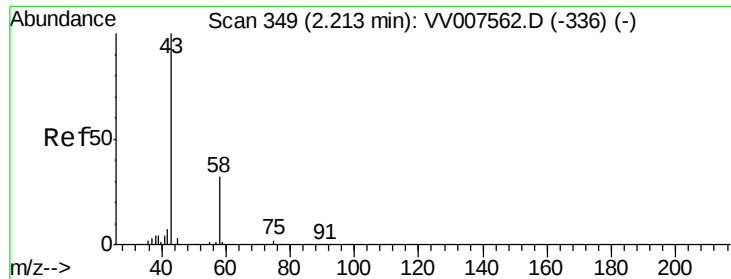
Ion Ratio Lower Upper

96 100

61 971.5 114.8 213.2#

63 7402.4 81.8 151.8#





#13

Acetone

Concen: 5.352 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.00 min

Lab File: VV007576.D

Acq: 15 Sep 2018 20:14

Instrument :

MSVOA_W

ClientSampleId :

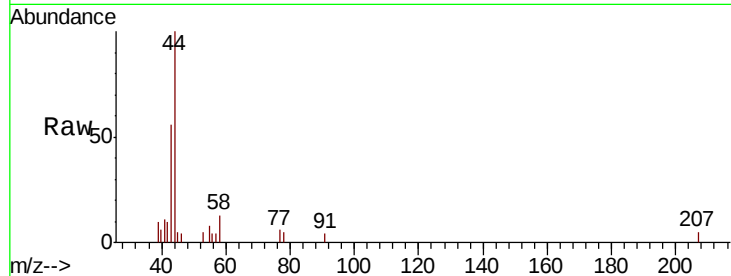
C0KW1

Tgt Ion: 43 Resp: 2930

Ion Ratio Lower Upper

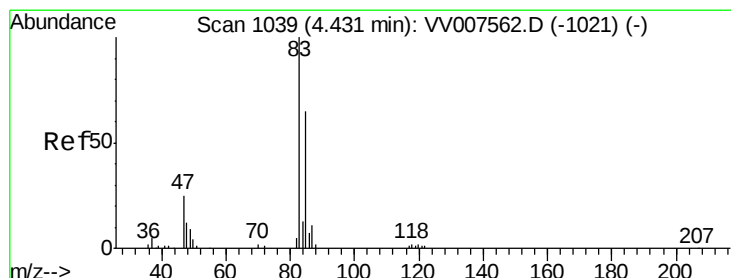
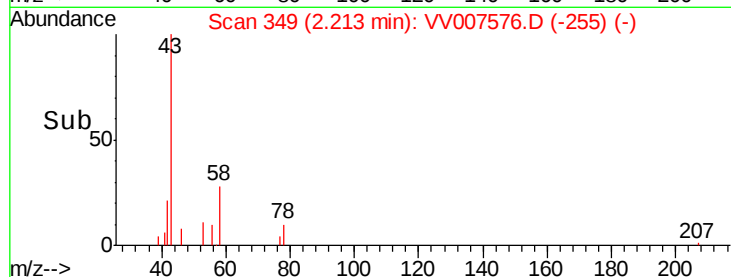
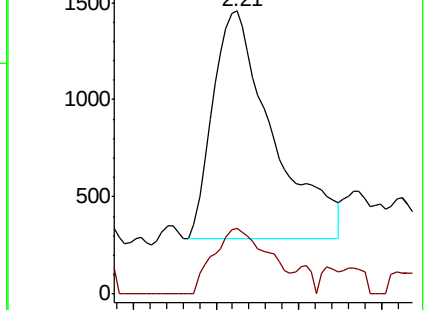
43 100

58 26.5 0.0 63.4



Abundance Ion 43.05 (42.75 to 43.75): VV007562.D (-336) (-)

Ion 58.05 (57.75 to 58.75): VV007562.D (-336) (-)



#25

Chloroform

Concen: 0.866 ug/L

RT: 4.43 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VV007576.D

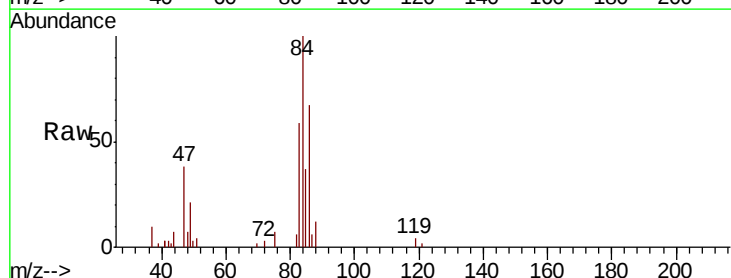
Acq: 15 Sep 2018 20:14

Tgt Ion: 83 Resp: 9161

Ion Ratio Lower Upper

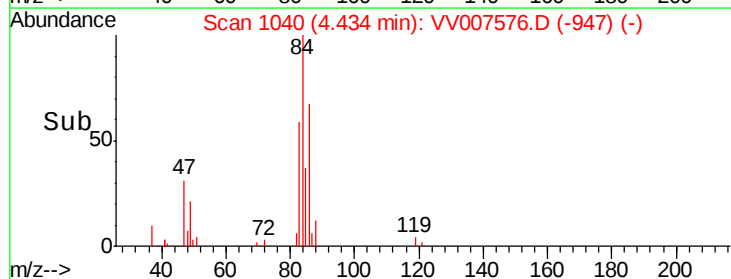
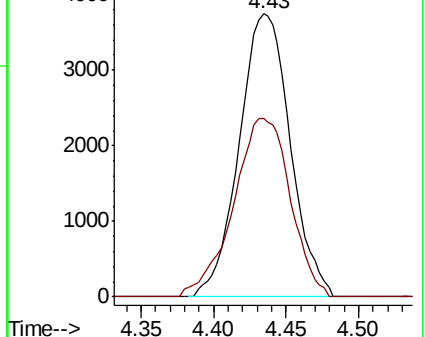
83 100

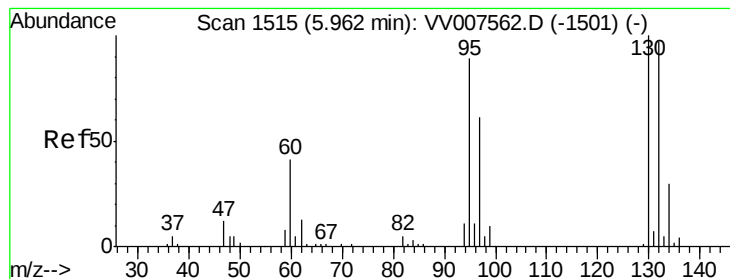
85 62.9 45.5 84.5



Abundance Ion 83.05 (82.75 to 83.75): VV007562.D (-1021) (-)

Ion 85.00 (84.70 to 85.70): VV007562.D (-1021) (-)





#34

Trichloroethene

Concen: 1.551 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV007576.D

Acq: 15 Sep 2018 20:14

Instrument :

MSVOA_W

ClientSampleId :

C0KW1

Tgt Ion: 95 Resp: 10186

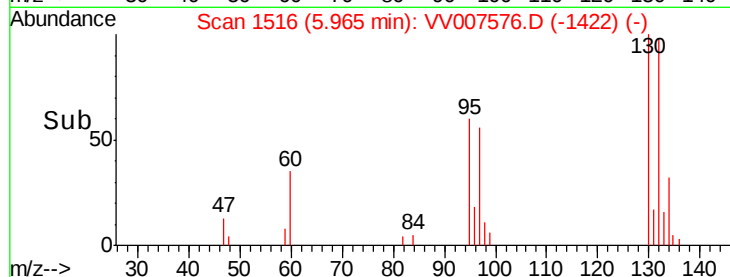
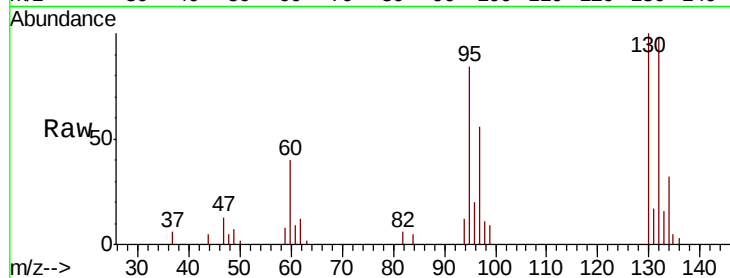
Ion Ratio Lower Upper

95 100

97 67.1 45.5 84.5

132 116.5 74.9 139.1

130 118.9 80.0 148.6

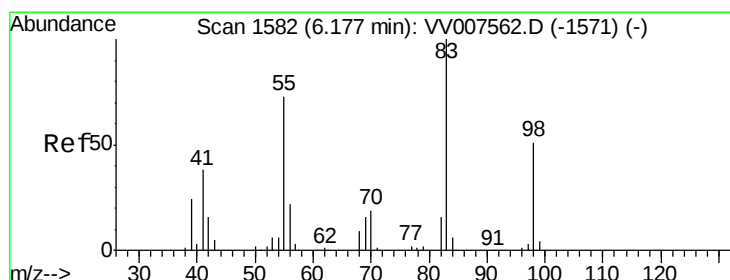
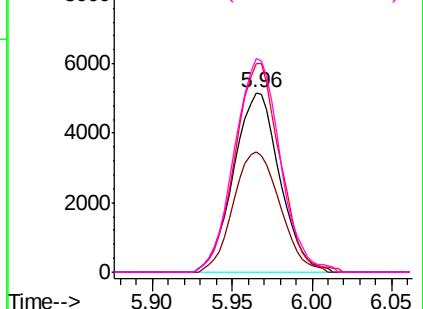


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 0.851 ug/L

RT: 6.13 min Scan# 1567

Delta R.T. -0.05 min

Lab File: VV007576.D

Acq: 15 Sep 2018 20:14

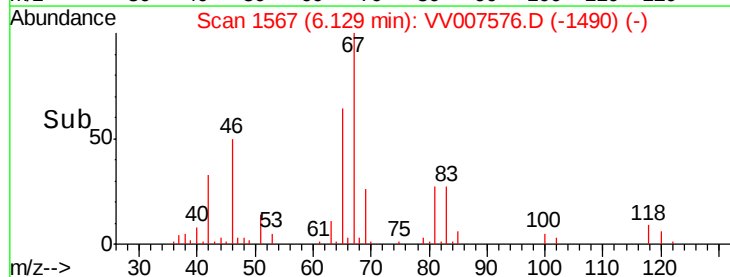
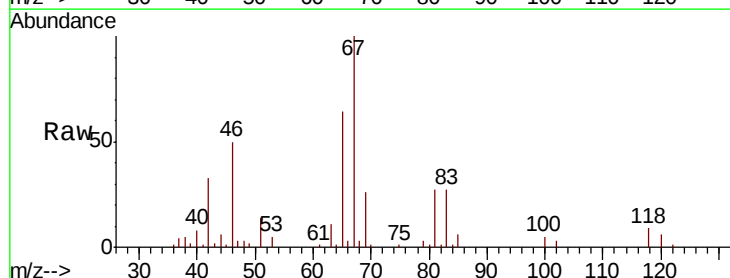
Tgt Ion: 83 Resp: 8632

Ion Ratio Lower Upper

83 100

55 0.0 55.0 82.4#

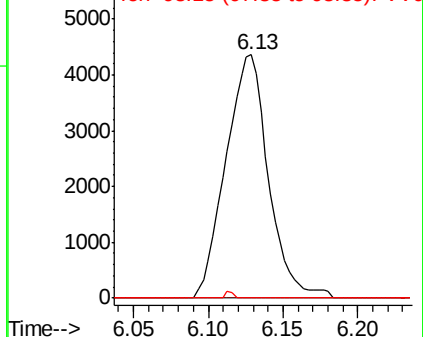
98 22.7 37.6 56.4#

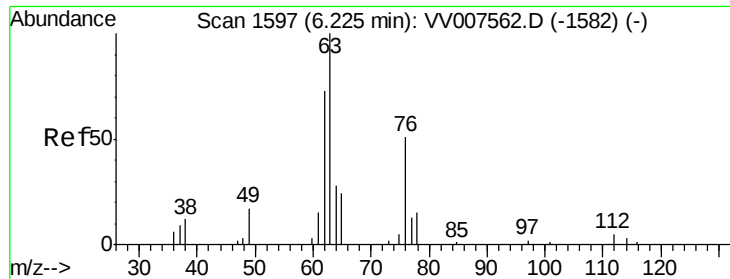


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

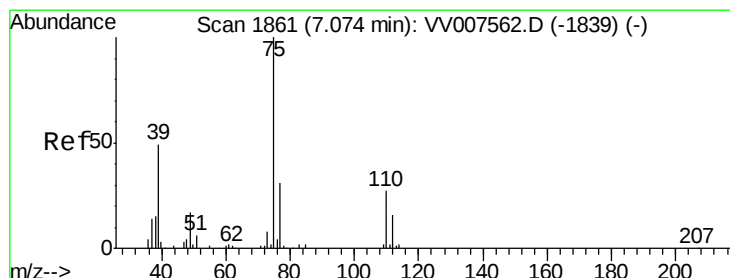
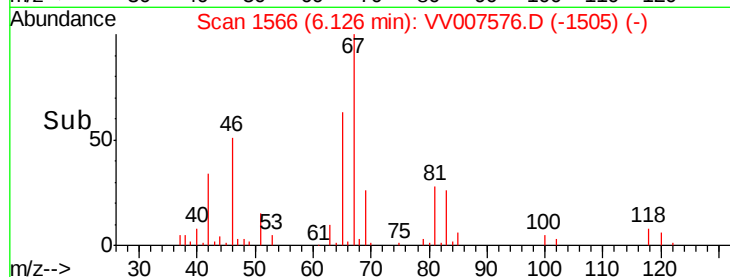
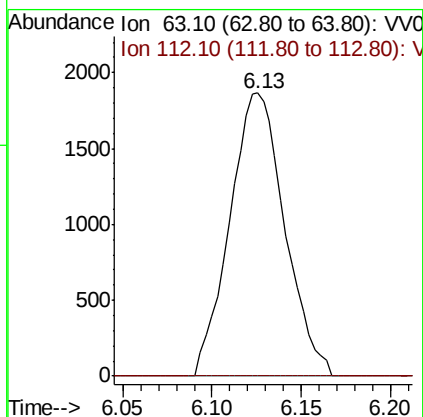
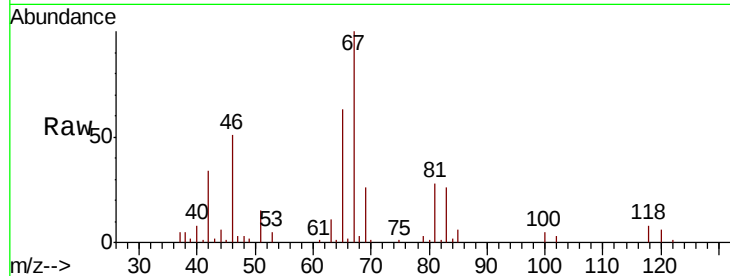




#37
 1,2-Dichloropropane
 Concen: 0.758 ug/L
 RT: 6.13 min Scan# 1566
 Delta R.T. -0.10 min
 Lab File: VV007576.D
 Acq: 15 Sep 2018 20:14

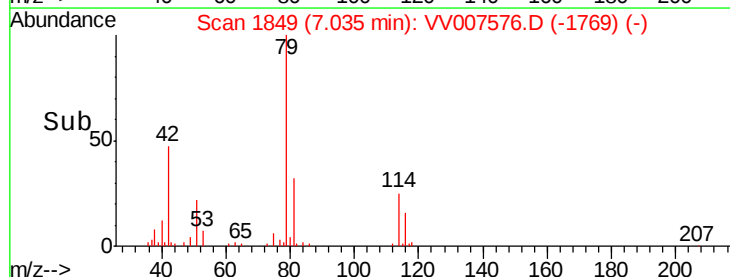
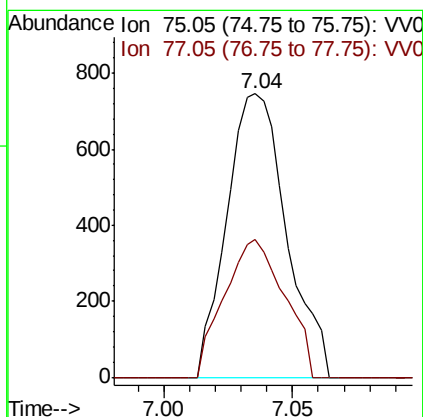
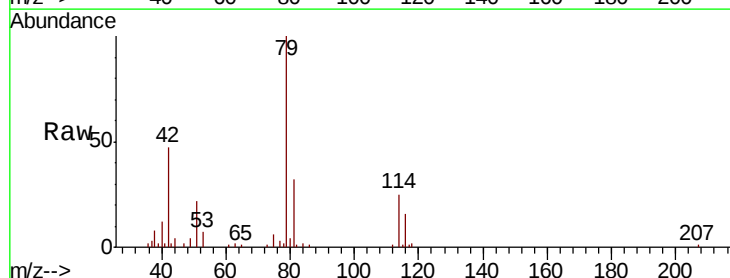
Instrument :
 MSVOA_W
 ClientSampled :
 C0KW1

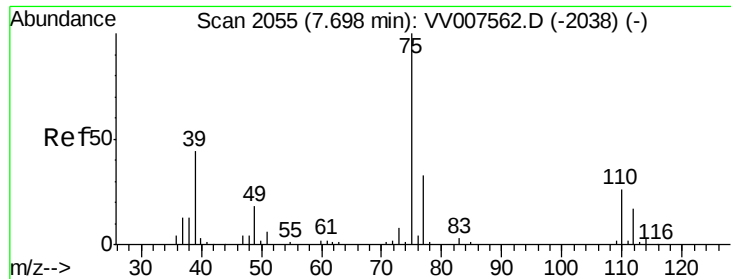
Tgt Ion: 63 Resp: 4002
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.1 6.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.144 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV007576.D
 Acq: 15 Sep 2018 20:14

Tgt Ion: 75 Resp: 1204
 Ion Ratio Lower Upper
 75 100
 77 48.5 22.0 41.0#

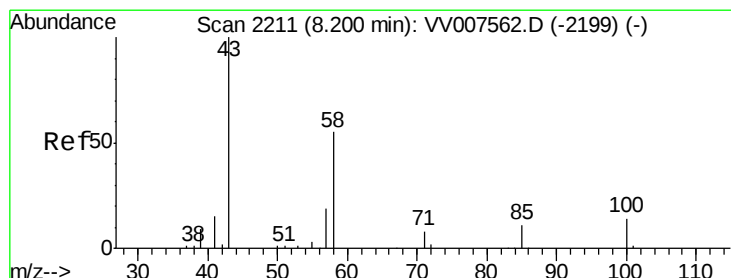
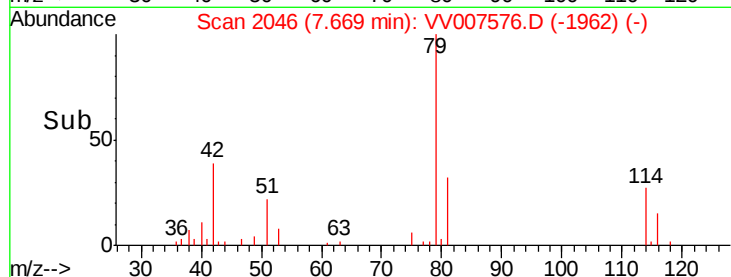
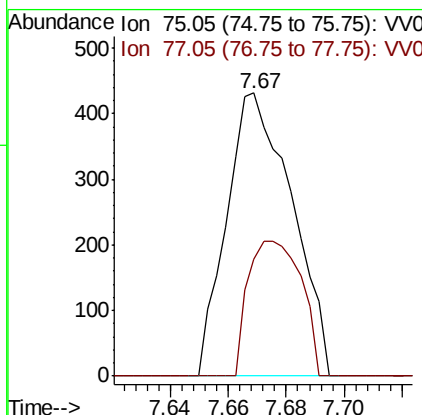
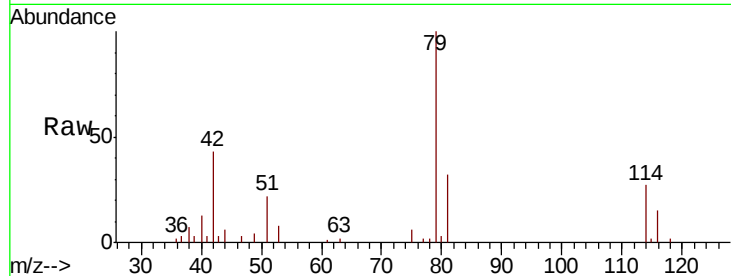




#44
trans-1,3-Dichloropropene
Concen: 0.098 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.03 min
Lab File: VV007576.D
Acq: 15 Sep 2018 20:14

Instrument :
MSVOA_W
ClientSampleId :
C0KW1

Tgt Ion: 75 Resp: 673
Ion Ratio Lower Upper
75 100
77 41.2 23.4 43.4



#48
2-Hexanone
Concen: 5.988 ug/L
RT: 8.20 min Scan# 2211
Delta R.T. 0.00 min
Lab File: VV007576.D
Acq: 15 Sep 2018 20:14

Tgt Ion: 43 Resp: 13245
Ion Ratio Lower Upper
43 100
58 0.0 49.8 74.6#
57 10.6 18.2 27.4#
100 3.4 11.0 16.4#

