

Data File : VV007656.D
Acq On : 20 Sep 2018 15:26
Operator : SY/MD
Sample : J4900-14
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A3ZA9

Quant Time: Sep 21 01:39:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 21 01:37:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	98225	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	91193	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	48586	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20093	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.59	69	20022	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.60%
11) 1,1-Dichloroethene-d2	2.13	63	37405	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	3.97	46	56560	54.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.84%
24) Chloroform-d	4.41	84	49573	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.09	65	25449	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	5.10	84	94791	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
36) 1,2-Dichloropropane-d6	6.12	67	27841	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	7.36	98	93962	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
43) trans-1,3-Dichloropropene-	7.67	79	10568	4.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.60%
46) 2-Hexanone-d5	8.14	63	40822	48.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.70%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22413	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	43311	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

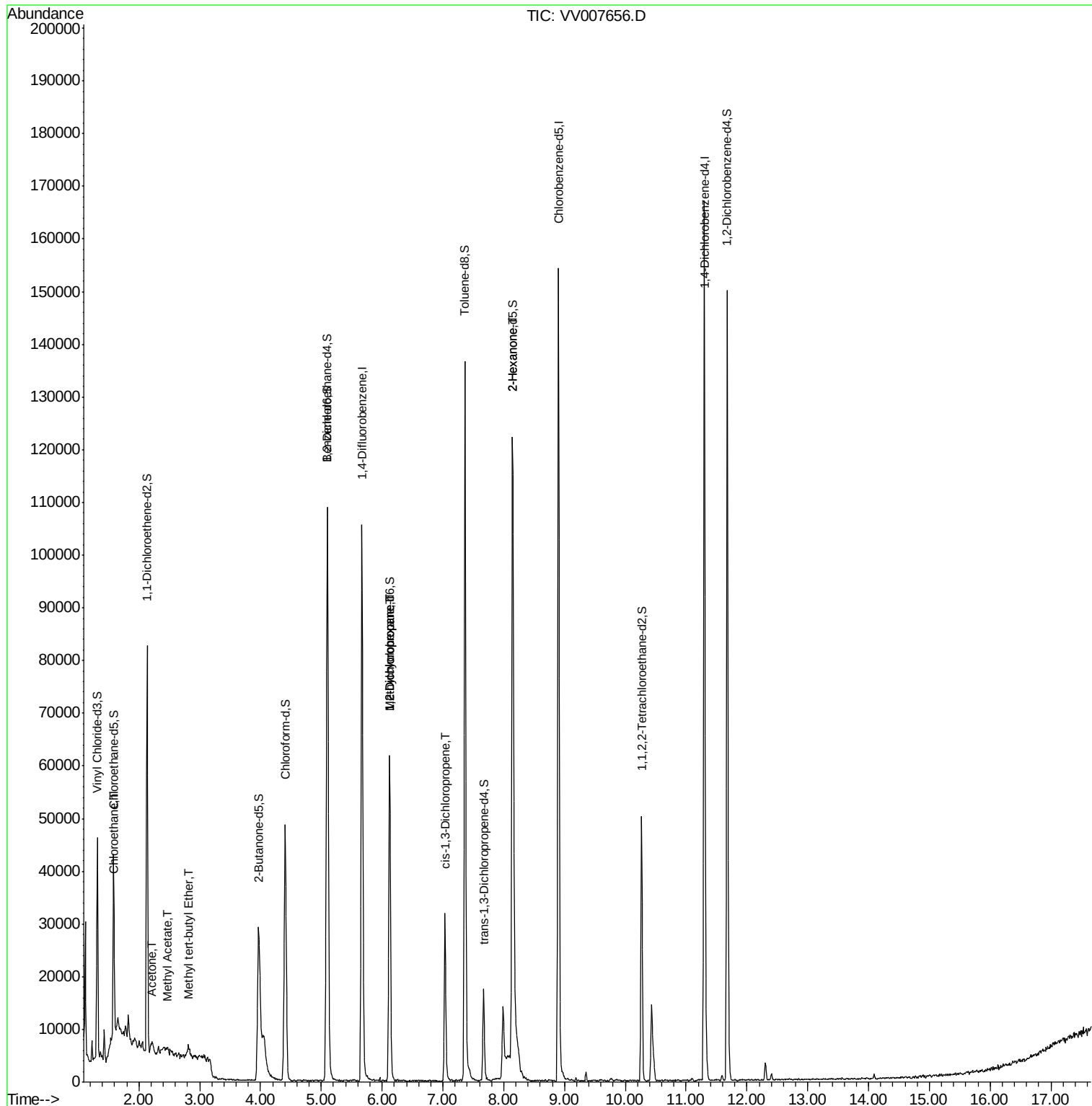
					Qvalue	
8) Chloroethane	1.60	64	537	0.116	ug/L #	53
13) Acetone	2.22	43	3101	3.126	ug/L	94
15) Methyl Acetate	2.47	43	406	0.166	ug/L #	49
17) Methyl tert-butyl Ether	2.81	73	2041	0.122	ug/L #	89
35) Methylcyclohexane	6.13	83	7180	0.653	ug/L #	20
37) 1,2-Dichloropropane	6.13	63	3284	0.561	ug/L #	85
39) cis-1,3-Dichloropropene	7.04	75	944	0.112	ug/L #	58
48) 2-Hexanone	8.14	43	6620	2.954	ug/L #	90

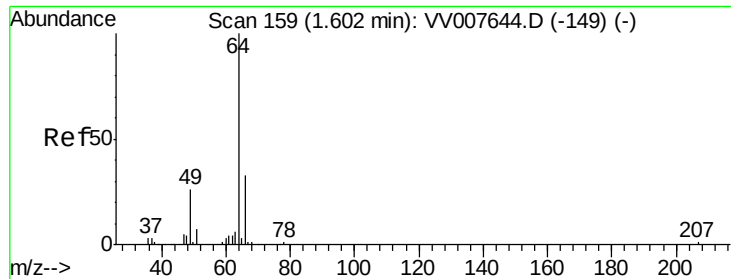
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.116 ug/L

RT: 1.60 min Scan# 159

Delta R.T. -0.00 min

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MSVOA_V

ClientSampleId :

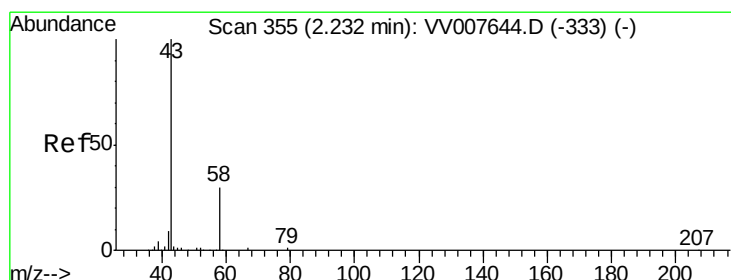
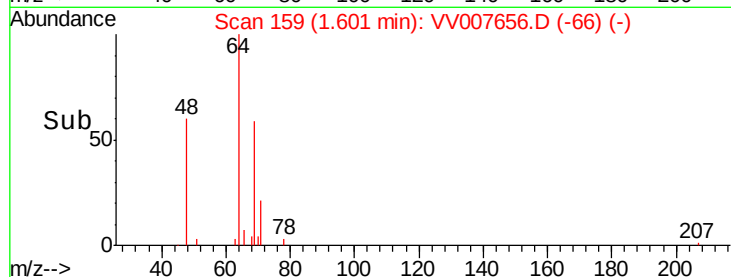
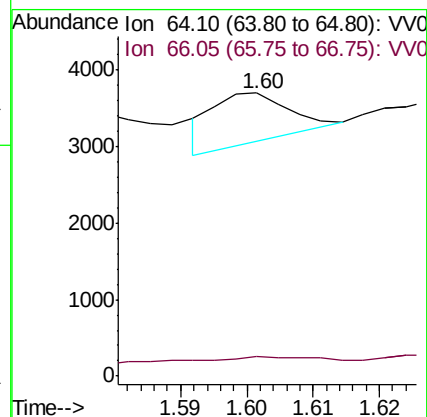
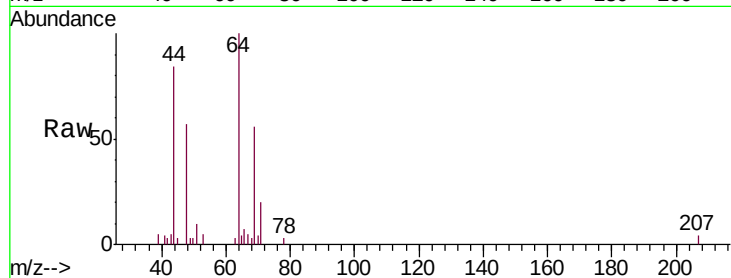
A3ZA9

Tgt Ion: 64 Resp: 537

Ion Ratio Lower Upper

64 100

66 6.8 23.4 43.4#



#13

Acetone

Concen: 3.126 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.02 min

Lab File: VV007656.D

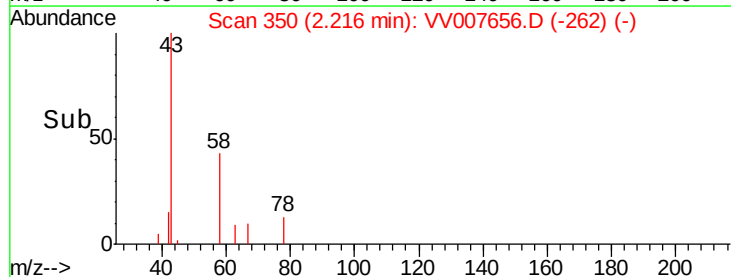
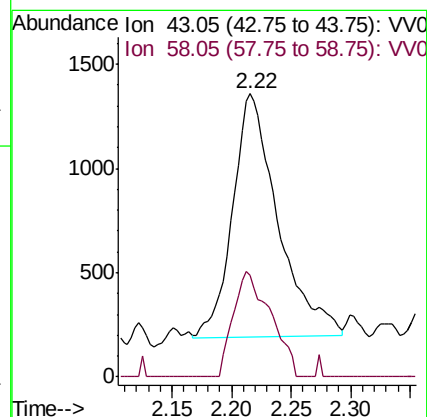
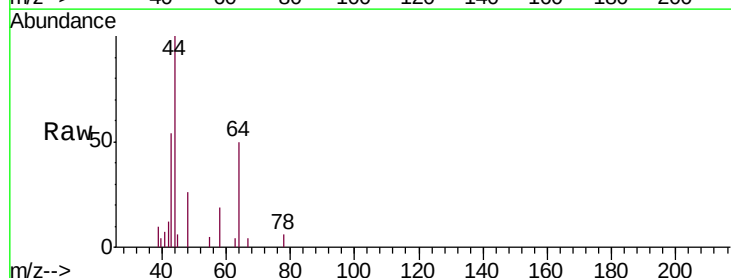
Acq: 20 Sep 2018 15:26

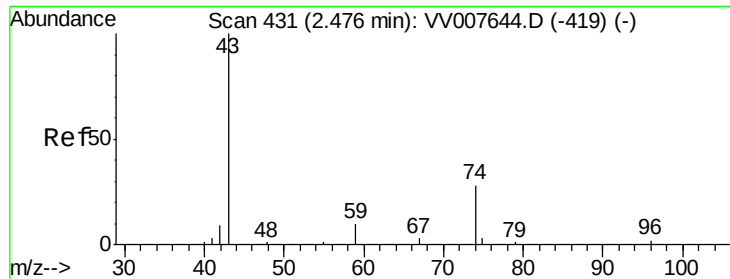
Tgt Ion: 43 Resp: 3101

Ion Ratio Lower Upper

43 100

58 35.3 0.0 63.6

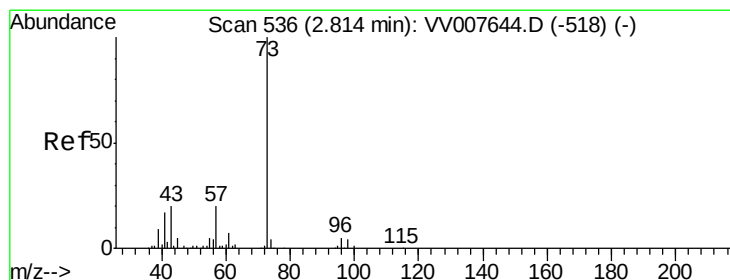
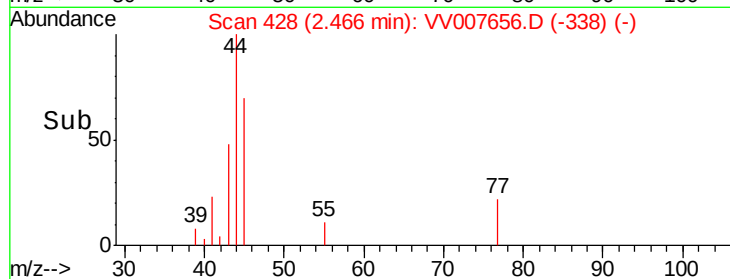
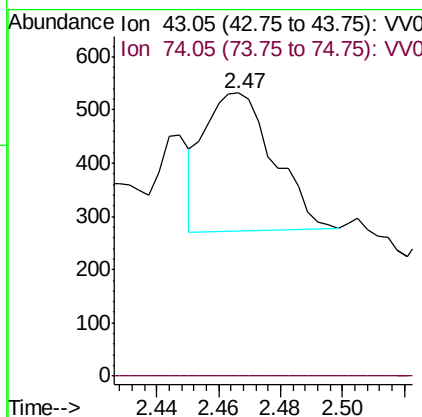
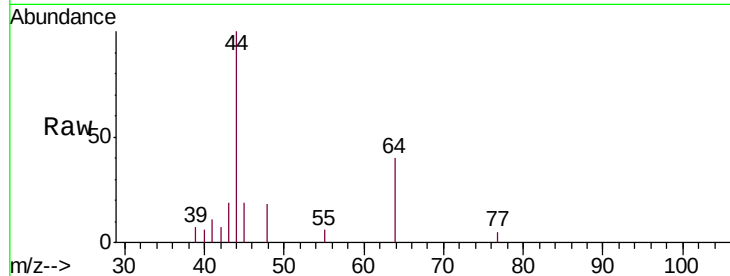




#15
Methyl Acetate
Concen: 0.166 ug/L
RT: 2.47 min Scan# 428
Delta R.T. -0.01 min
Lab File: VV007656.D
Acq: 20 Sep 2018 15:26

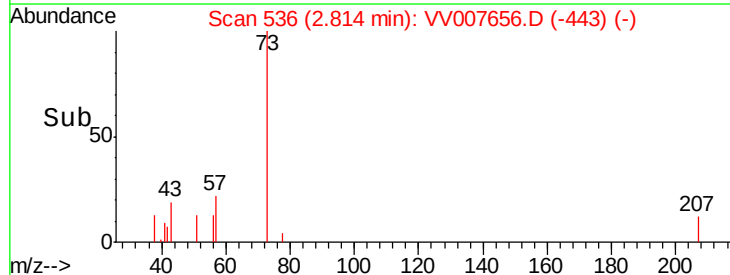
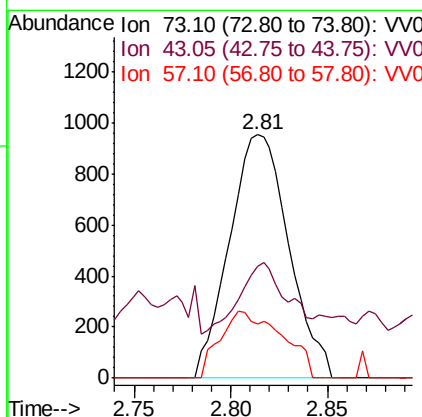
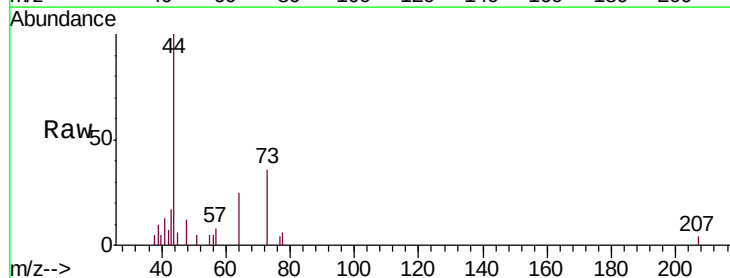
Instrument :
MSVOA_V
ClientSampled :
A3ZA9

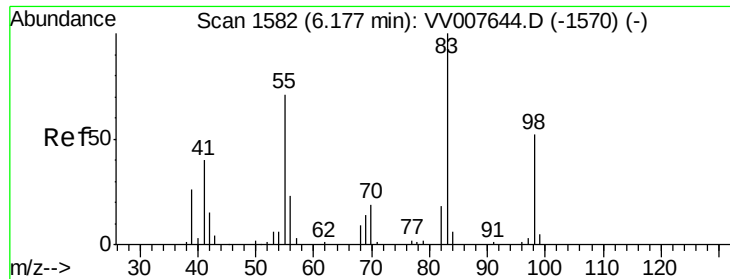
Tgt Ion: 43 Resp: 406
Ion Ratio Lower Upper
43 100
74 0.0 20.6 30.8#



#17
Methyl tert-butyl Ether
Concen: 0.122 ug/L
RT: 2.81 min Scan# 536
Delta R.T. -0.00 min
Lab File: VV007656.D
Acq: 20 Sep 2018 15:26

Tgt Ion: 73 Resp: 2041
Ion Ratio Lower Upper
73 100
43 20.9 15.7 23.5
57 28.8 15.8 23.8#

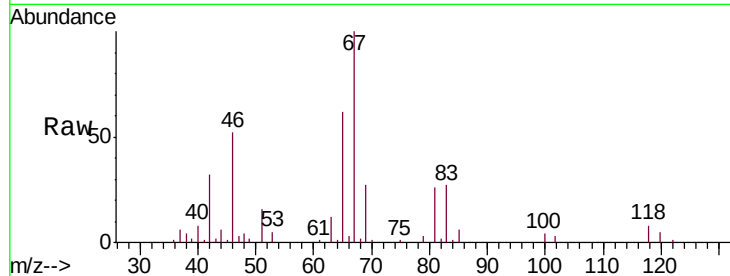




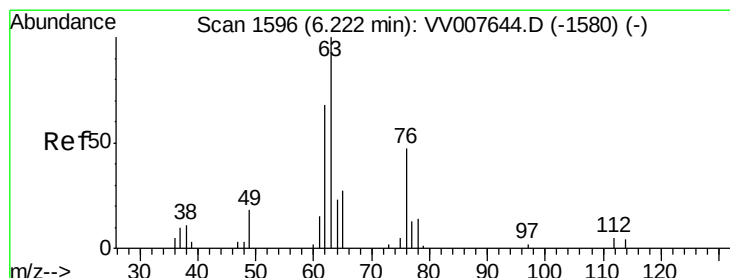
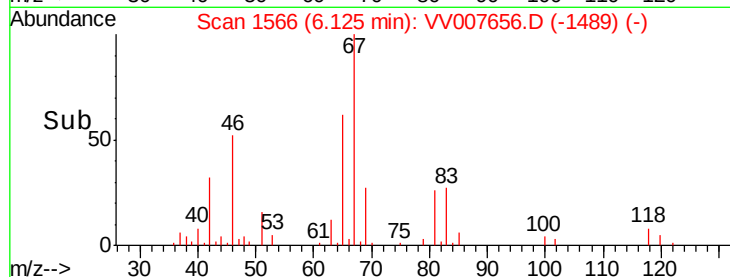
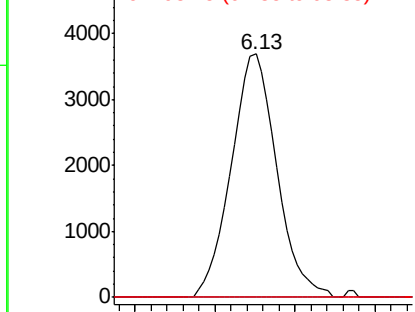
#35
Methylcyclohexane
Concen: 0.653 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV007656.D
Acq: 20 Sep 2018 15:26

Instrument :
MSVOA_V
ClientSampleId :
A3ZA9

Tgt Ion: 83 Resp: 7180
Ion Ratio Lower Upper
83 100
55 0.0 54.8 82.2#
98 0.0 40.7 61.1#

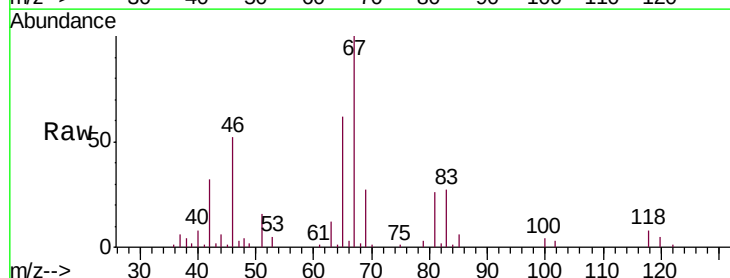


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

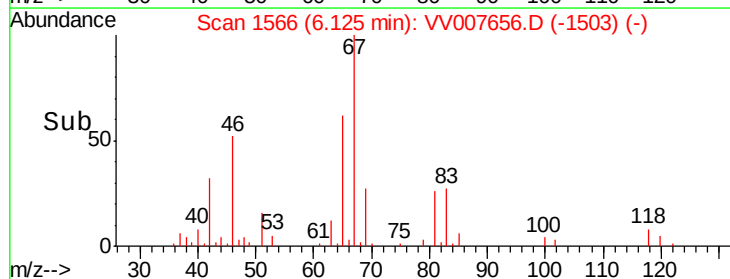
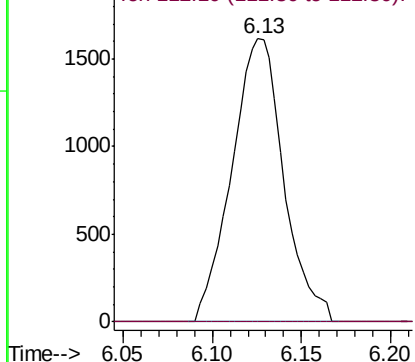


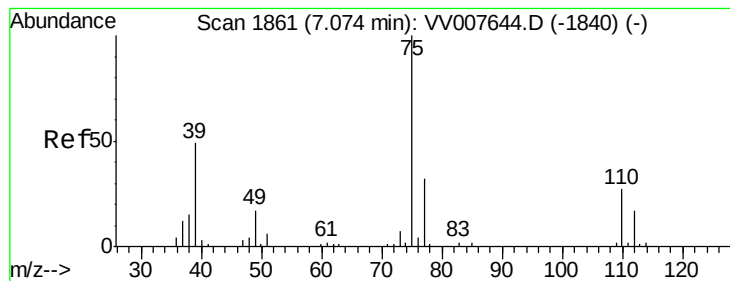
#37
1,2-Dichloropropane
Concen: 0.561 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV007656.D
Acq: 20 Sep 2018 15:26

Tgt Ion: 63 Resp: 3284
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



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: 0.112 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV007656.D

Acq: 20 Sep 2018 15:26

Instrument :

MSVOA_V

ClientSampleId :

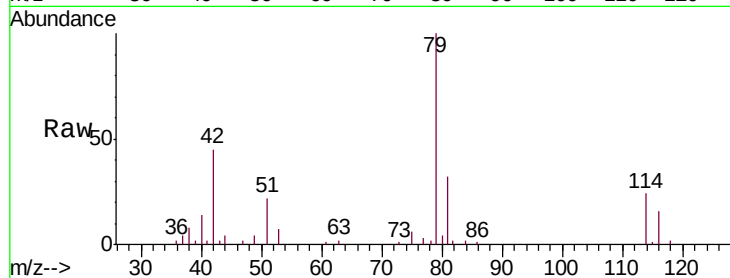
A3ZA9

Tgt Ion: 75 Resp: 944

Ion Ratio Lower Upper

75 100

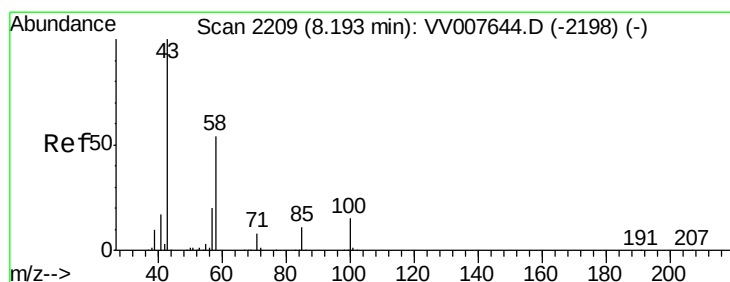
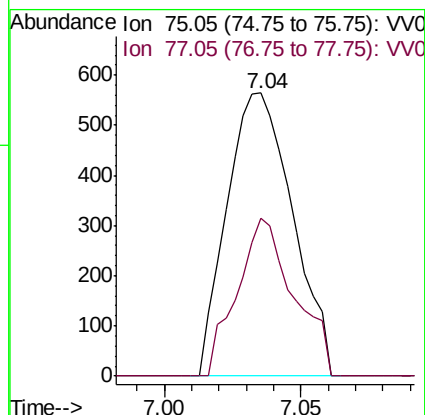
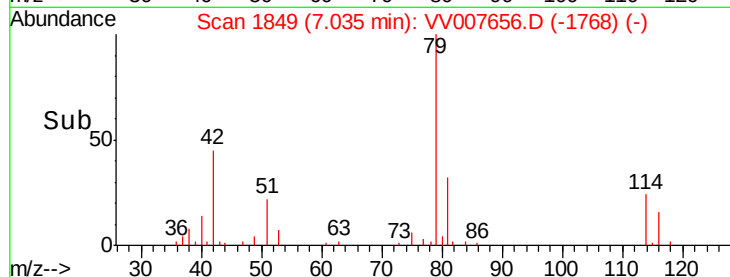
77 56.0 22.7 42.3#



Abundance Ion 75.05 (74.75 to 75.75): VV007644.D (-1840) (-)

Ion 77.05 (76.75 to 77.75): VV007644.D (-1840) (-)

Time-->



#48

2-Hexanone

Concen: 2.954 ug/L

RT: 8.14 min Scan# 2194

Delta R.T. -0.05 min

Lab File: VV007656.D

Acq: 20 Sep 2018 15:26

Tgt Ion: 43 Resp: 6620

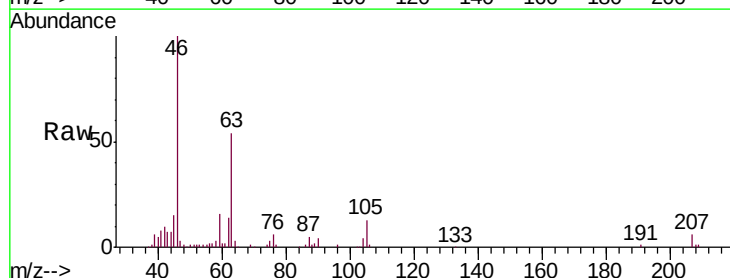
Ion Ratio Lower Upper

43 100

58 54.9 45.3 67.9

57 26.5 16.6 24.8#

100 0.0 11.4 17.0#



Abundance Ion 43.05 (42.75 to 43.75): VV007644.D (-2198) (-)

Ion 58.05 (57.75 to 58.75): VV007644.D (-2198) (-)

Ion 57.20 (56.90 to 57.90): VV007644.D (-2198) (-)

Ion 100.15 (99.85 to 100.85): VV007644.D (-2198) (-)

Time-->

