

Data File : VV011289.D
Acq On : 07 Jun 2019 15:47
Operator : SY/MD
Sample : K3228-09
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P08

Quant Time: Jun 08 00:44:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 08 00:40:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	158033	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	144634	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	56115	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53543	4.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.40%
7) Chloroethane-d5	1.55	69	46048	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.12	63	82832	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	3.94	46	134963	50.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.12%
24) Chloroform-d	4.40	84	98618	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.08	65	57195	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.09	84	201431	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.12	67	61611	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.36	98	180482	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	7.66	79	17084	3.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.20%
46) 2-Hexanone-d5	8.13	63	105290	49.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.10%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	42357	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	55334	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

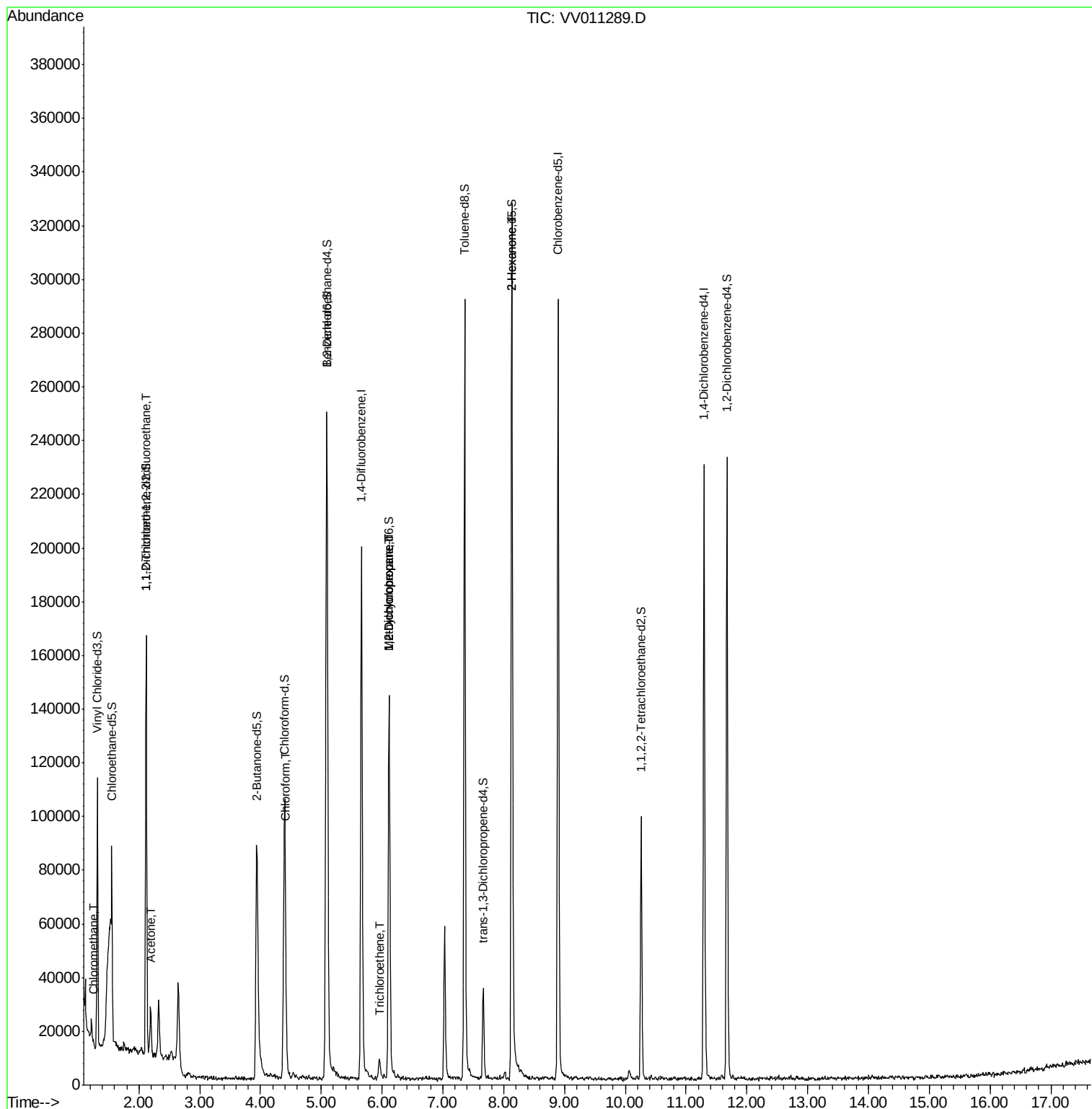
						Qvalue
3) Chloromethane	1.25	50	1500	0.100	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	820	0.080	ug/L #	24
13) Acetone	2.19	43	8986	4.971	ug/L	98
25) Chloroform	4.42	83	3598	0.158	ug/L	99
34) Trichloroethene	5.96	95	2240	0.188	ug/L	90
35) Methylcyclohexane	6.12	83	14862	0.756	ug/L #	16
37) 1,2-Dichloropropane	6.11	63	7929	0.692	ug/L #	88
48) 2-Hexanone	8.13	43	15051	2.959	ug/L #	74

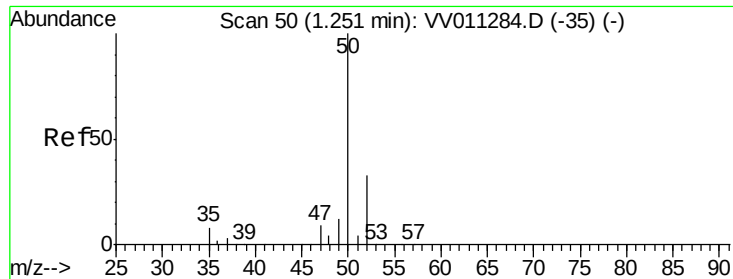
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.100 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

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Acq: 07 Jun 2019 15:47

Instrument :

MSVOA_V

ClientSampleId :

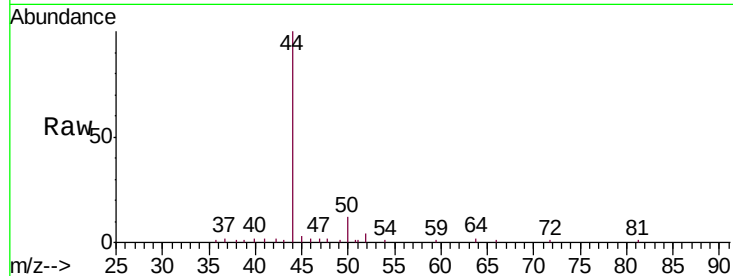
F9P08

Tgt Ion: 50 Resp: 1500

Ion Ratio Lower Upper

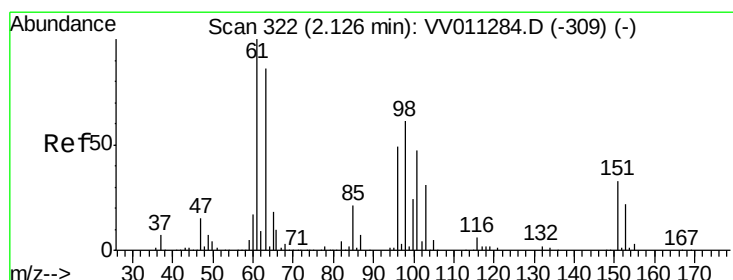
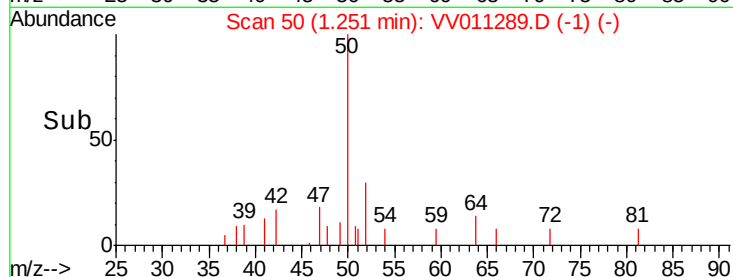
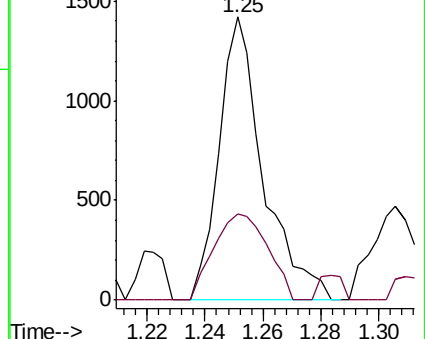
50 100

52 30.4 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.080 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV011289.D

Acq: 07 Jun 2019 15:47

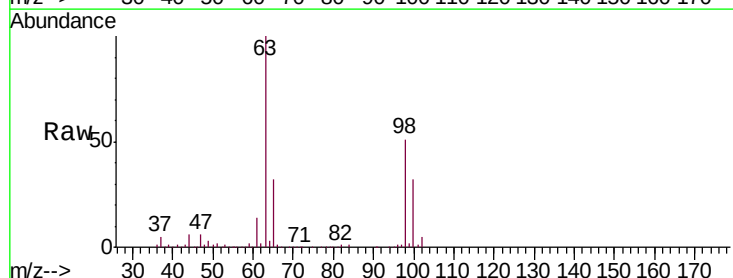
Tgt Ion: 101 Resp: 820

Ion Ratio Lower Upper

101 100

85 5.0 35.5 53.3#

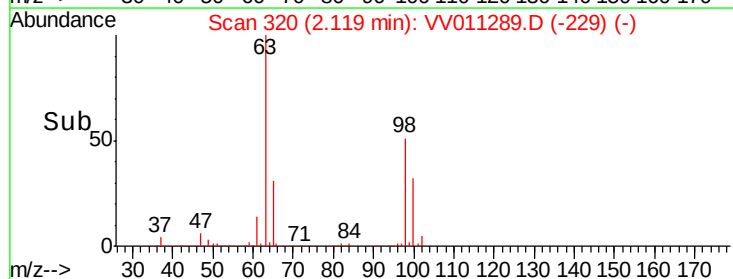
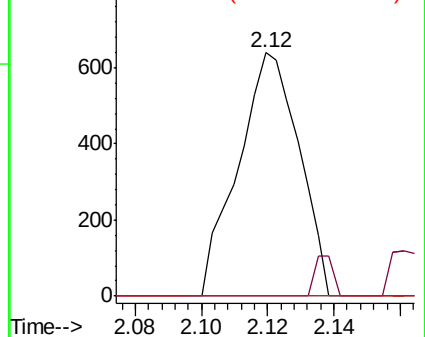
151 0.0 56.9 85.3#

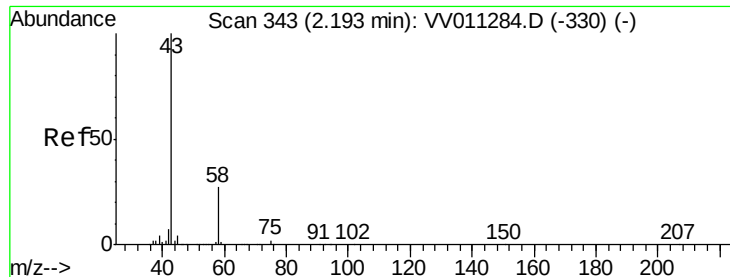


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V





#13

Acetone

Concen: 4.971 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

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Acq: 07 Jun 2019 15:47

Instrument :

MSVOA_V

ClientSampleId :

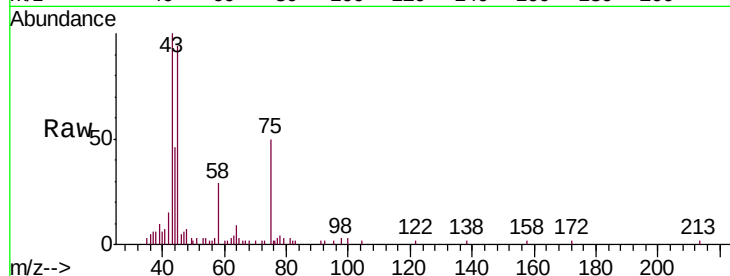
F9P08

Tgt Ion: 43 Resp: 8986

Ion Ratio Lower Upper

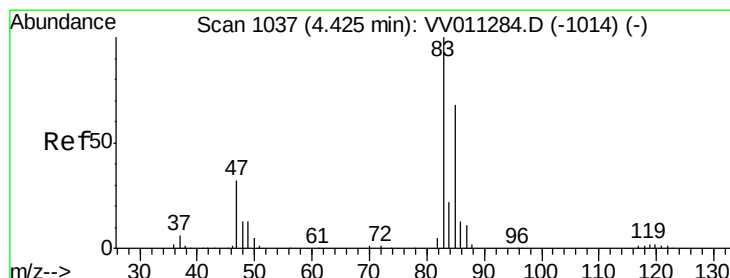
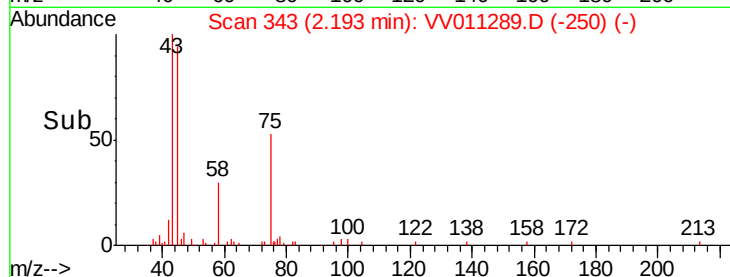
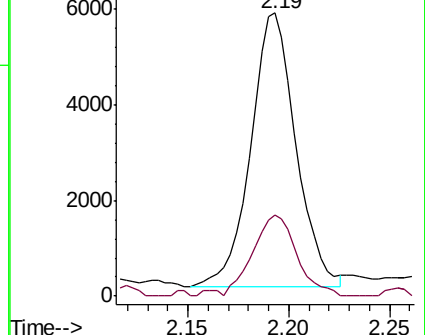
43 100

58 28.8 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV011284.D (-330) (-)

Ion 58.05 (57.75 to 58.75): VV011284.D (-330) (-)



#25

Chloroform

Concen: 0.158 ug/L

RT: 4.42 min Scan# 1035

Delta R.T. -0.01 min

Lab File: VV011289.D

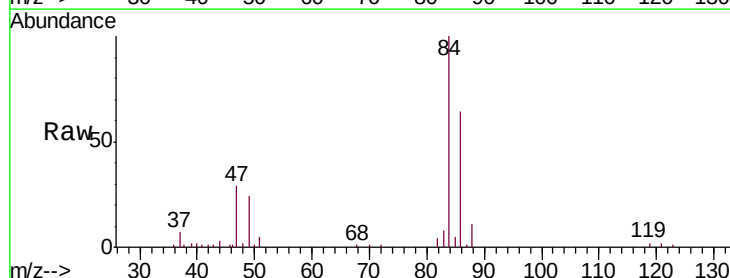
Acq: 07 Jun 2019 15:47

Tgt Ion: 83 Resp: 3598

Ion Ratio Lower Upper

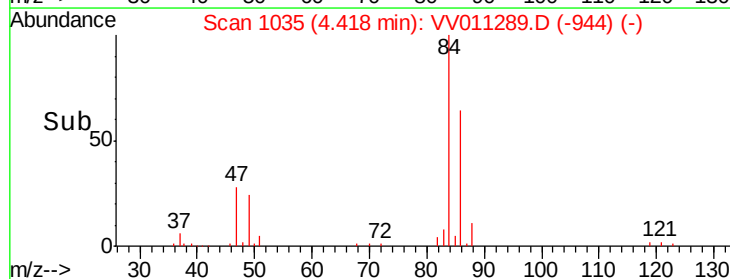
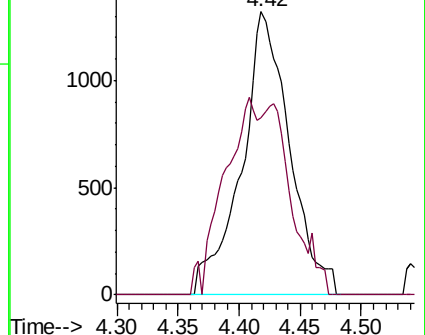
83 100

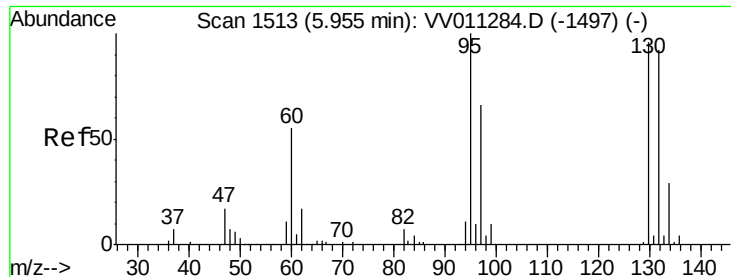
85 62.5 44.1 81.9



Abundance Ion 83.05 (82.75 to 83.75): VV011284.D (-1014) (-)

Ion 85.00 (84.70 to 85.70): VV011284.D (-1014) (-)





#34

Trichloroethene

Concen: 0.188 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV011289.D

Acq: 07 Jun 2019 15:47

Instrument :

MSVOA_V

ClientSampleId :

F9P08

Tgt Ion: 95 Resp: 2240

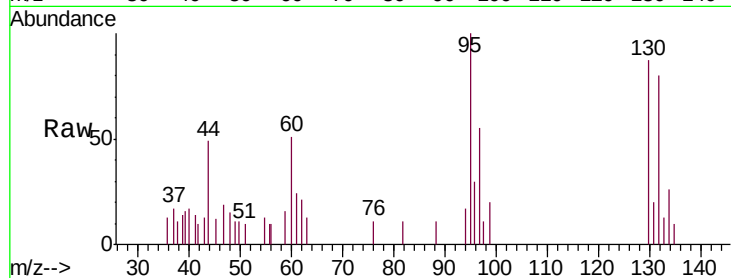
Ion Ratio Lower Upper

95 100

97 66.0 45.8 85.2

132 79.6 66.4 123.2

130 87.2 68.3 126.8



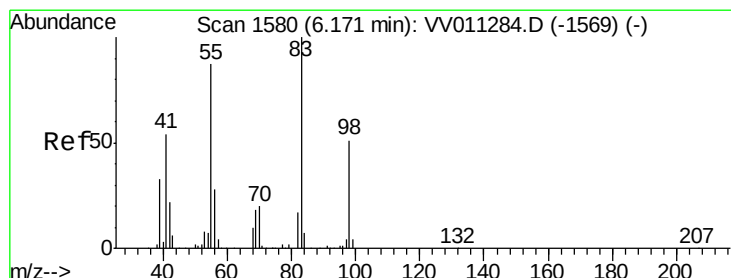
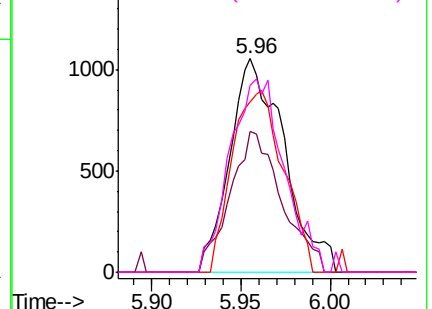
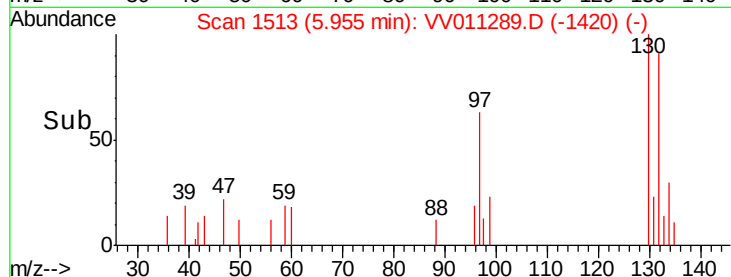
Abundance

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): VV0

Ion 129.95 (129.65 to 130.65): VV0



#35

Methylcyclohexane

Concen: 0.756 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV011289.D

Acq: 07 Jun 2019 15:47

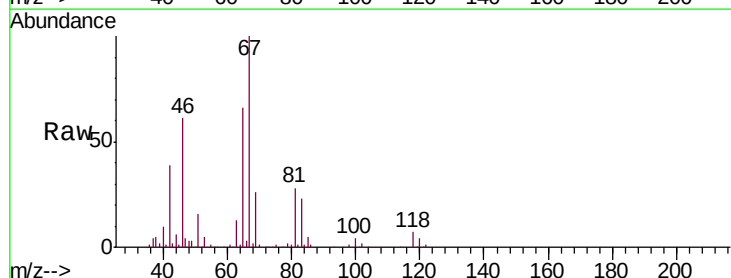
Tgt Ion: 83 Resp: 14862

Ion Ratio Lower Upper

83 100

55 1.4 67.0 100.6#

98 0.4 40.0 60.0#

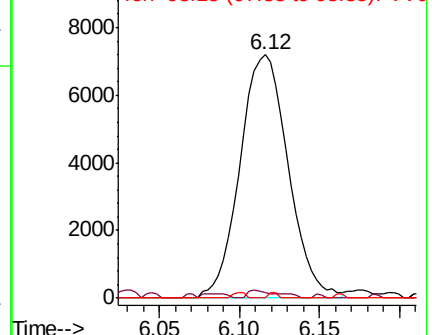
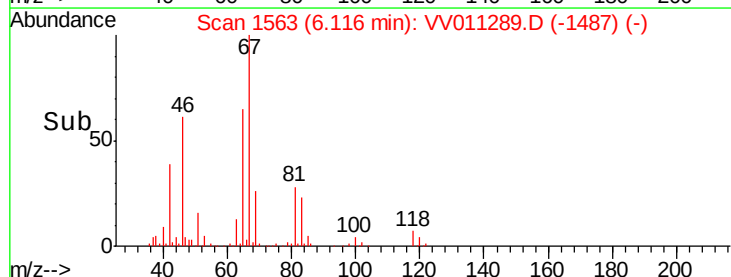


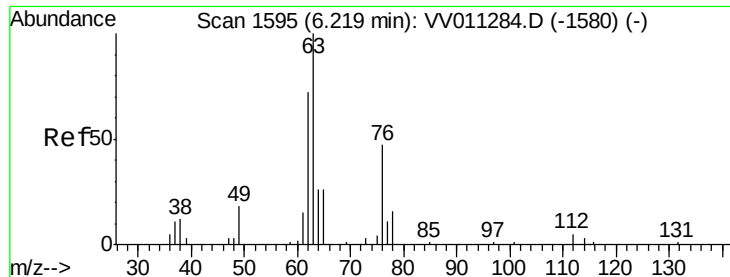
Abundance

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

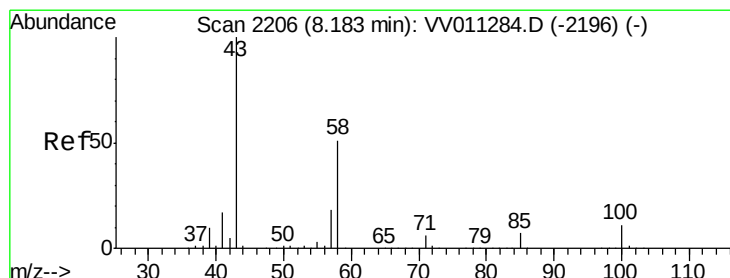
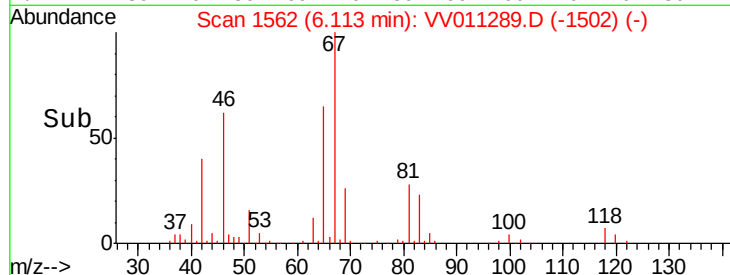
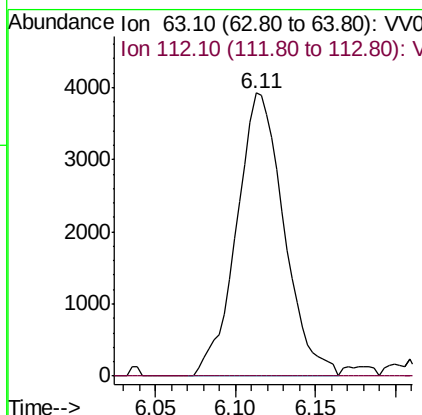
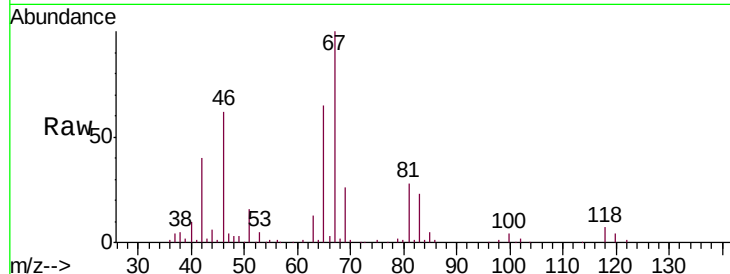




#37
 1,2-Dichloropropane
 Concen: 0.692 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV011289.D
 Acq: 07 Jun 2019 15:47

Instrument :
 MSVOA_V
 ClientSampleId :
 F9P08

Tgt Ion: 63 Resp: 7929
 Ion Ratio Lower Upper
 63 100
 112 0.6 3.6 5.4#



#48
 2-Hexanone
 Concen: 2.959 ug/L
 RT: 8.13 min Scan# 2190
 Delta R.T. -0.05 min
 Lab File: VV011289.D
 Acq: 07 Jun 2019 15:47

Tgt Ion: 43 Resp: 15051
 Ion Ratio Lower Upper
 43 100
 58 29.7 41.4 62.0#
 57 23.7 15.0 22.4#
 100 0.4 9.0 13.4#

