

Data File : VV011268.D
Acq On : 07 Jun 2019 03:20
Operator : SY/MD
Sample : K3197-11
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P55

Quant Time: Jun 07 03:48:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 07 02:51:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	160499	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	143940	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	64319	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	57444	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.58	69	42852	4.24	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.80%
11) 1,1-Dichloroethene-d2	2.12	63	90210	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	3.98	46	135387	49.45	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.90%
24) Chloroform-d	4.40	84	101311	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.08	65	56664	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.09	84	206104	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.12	67	63971	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.36	98	182890	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.66	79	19856	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	8.14	63	111781	52.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.66%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	44470	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	61632	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

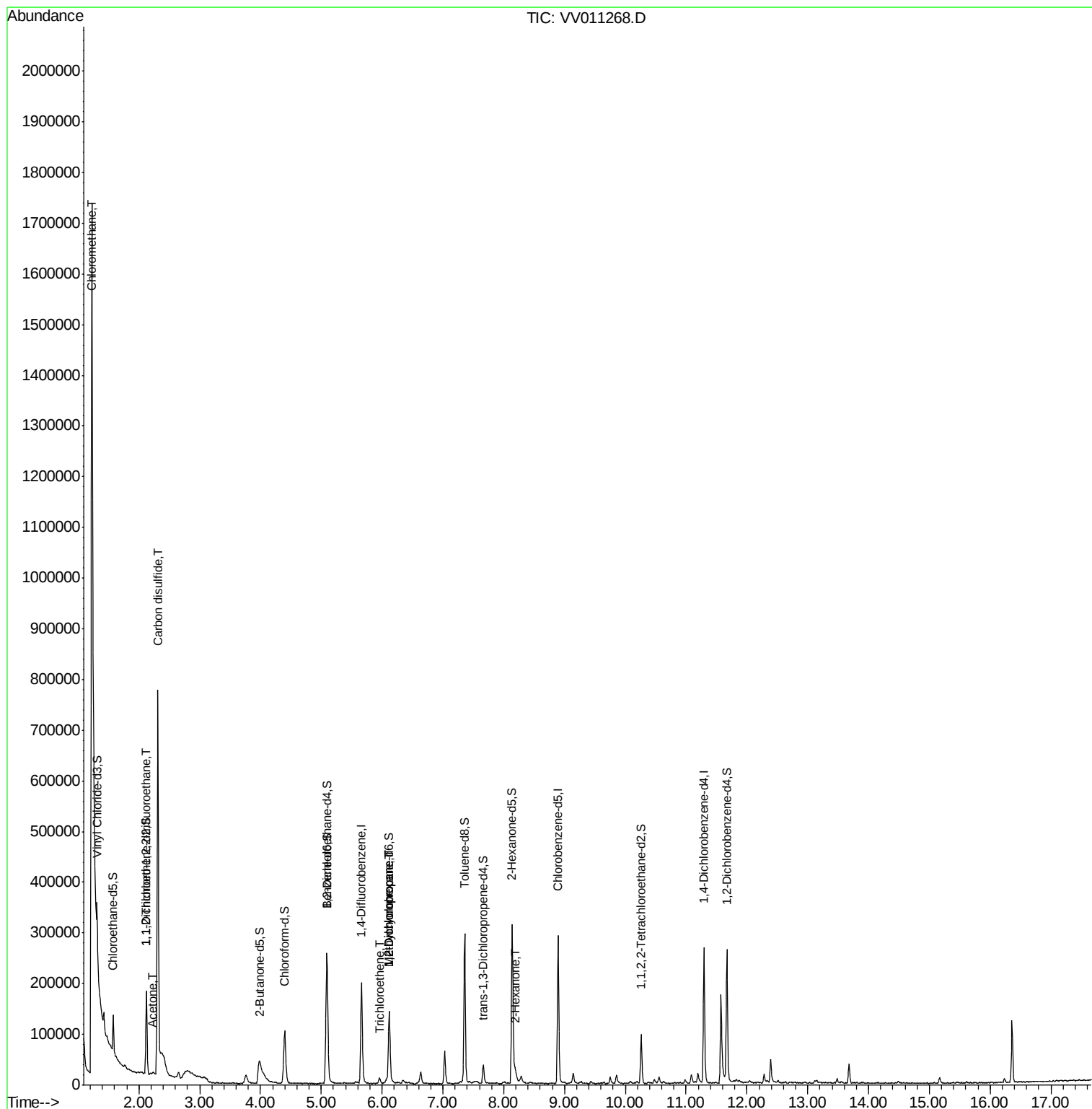
					Qvalue
3) Chloromethane	1.23	50	85571	5.591 ug/L #	44
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	861	0.083 ug/L #	22
13) Acetone	2.23	43	10005	5.450 ug/L	97
14) Carbon disulfide	2.31	76	849176	27.683 ug/L	100
34) Trichloroethene	5.96	95	3510	0.297 ug/L	96
35) Methylcyclohexane	6.12	83	14959	0.764 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	8350	0.732 ug/L #	87
48) 2-Hexanone	8.19	43	14207	2.806 ug/L #	93

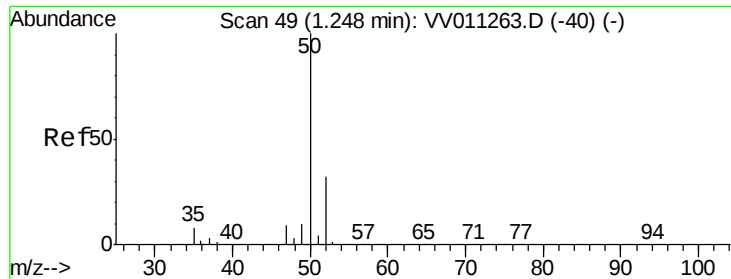
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 5.591 ug/L

RT: 1.23 min Scan# 42

Delta R.T. -0.02 min

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Acq: 07 Jun 2019 03:20

Instrument :

MSVOA_V

ClientSampleId :

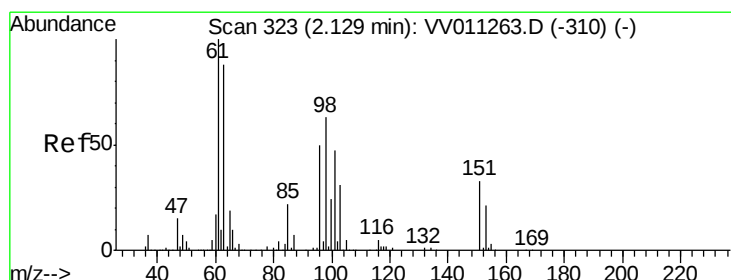
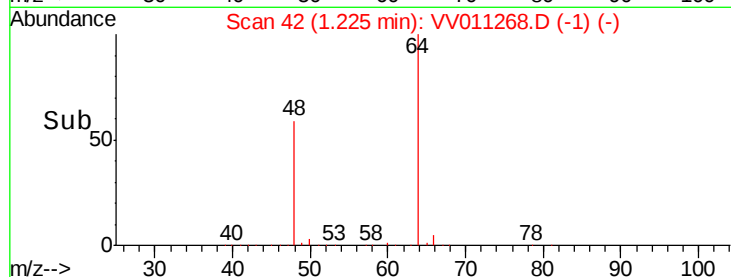
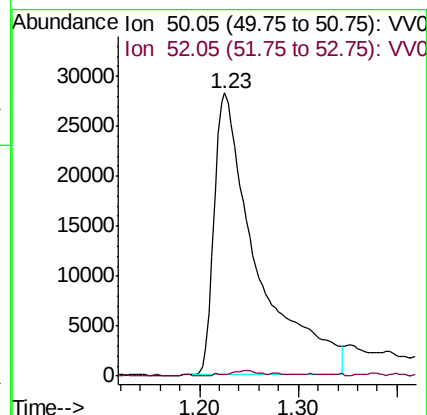
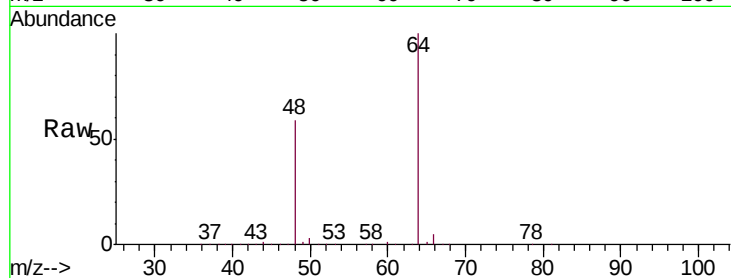
F9P55

Tgt Ion: 50 Resp: 85571

Ion Ratio Lower Upper

50 100

52 0.6 22.3 41.5#



#10

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

Concen: 0.083 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV011268.D

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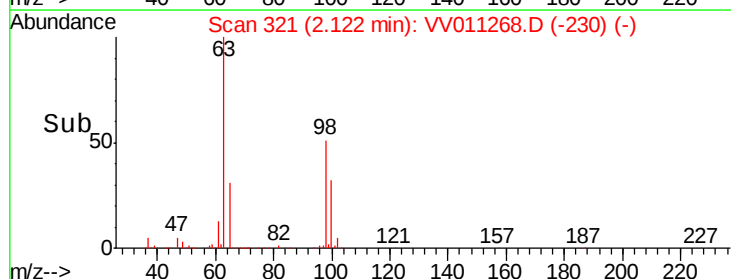
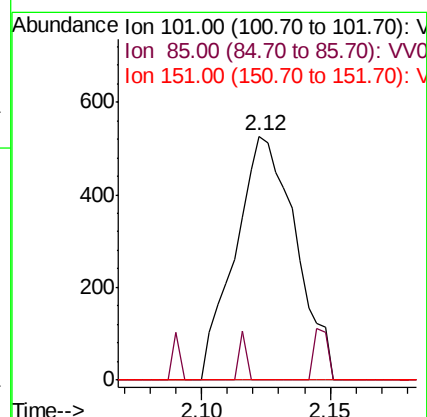
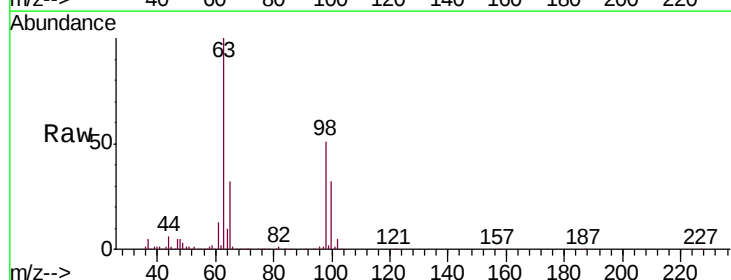
Tgt Ion: 101 Resp: 861

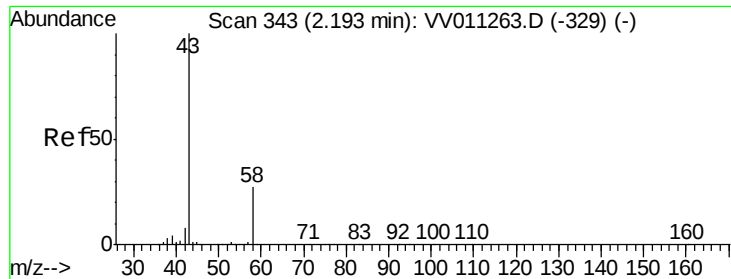
Ion Ratio Lower Upper

101 100

85 2.4 35.5 53.3#

151 0.0 56.9 85.3#





#13

Acetone

Concen: 5.450 ug/L

RT: 2.23 min Scan# 356

Delta R.T. 0.04 min

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Instrument :

MSVOA_V

ClientSampleId :

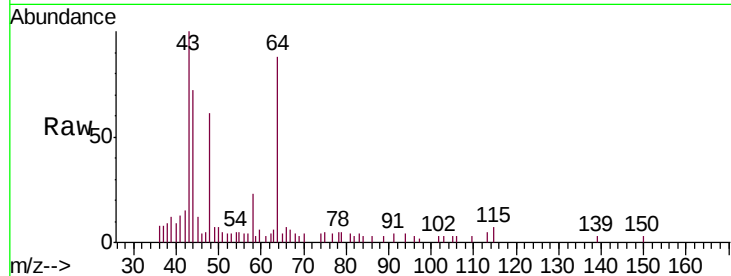
F9P55

Tgt Ion: 43 Resp: 10005

Ion Ratio Lower Upper

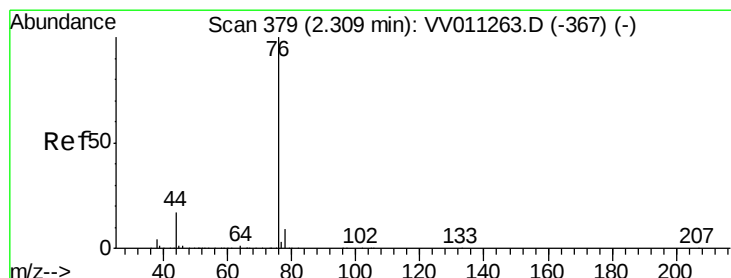
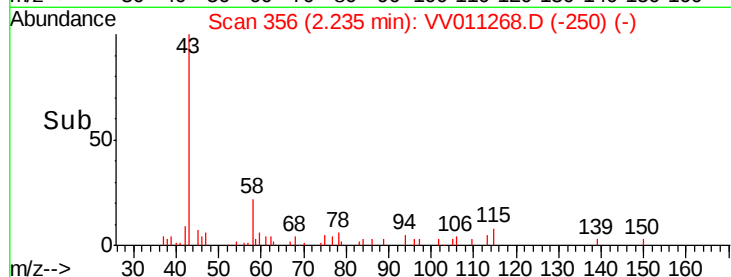
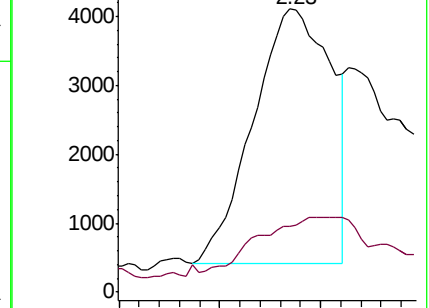
43 100

58 26.0 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#14

Carbon disulfide

Concen: 27.683 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV011268.D

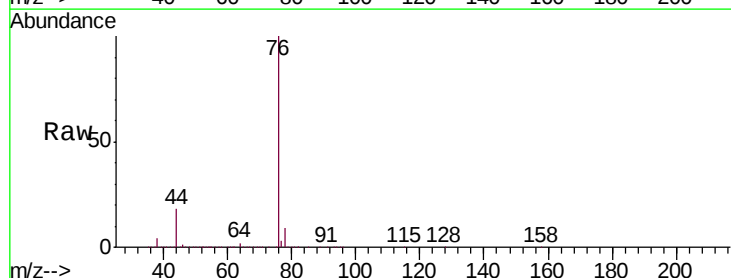
Acq: 07 Jun 2019 03:20

Tgt Ion: 76 Resp: 849176

Ion Ratio Lower Upper

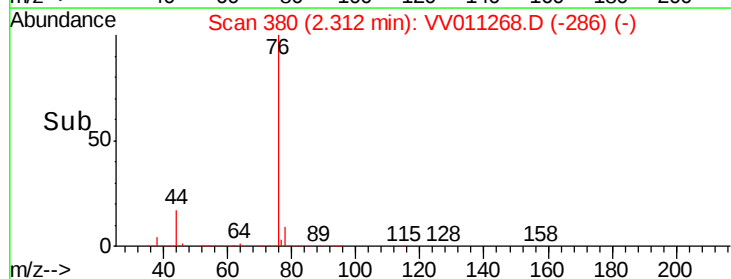
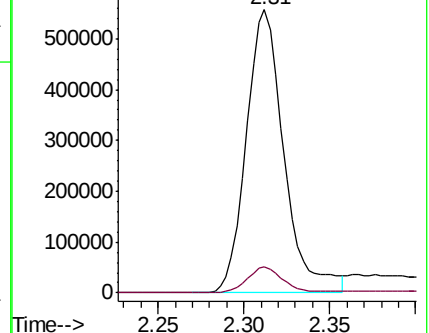
76 100

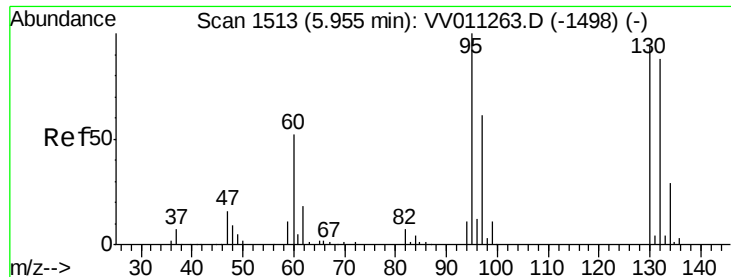
78 9.0 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0





#34

Trichloroethene

Concen: 0.297 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV011268.D

Acq: 07 Jun 2019 03:20

Instrument :

MSVOA_V

ClientSampleId :

F9P55

Tgt Ion: 95 Resp: 3510

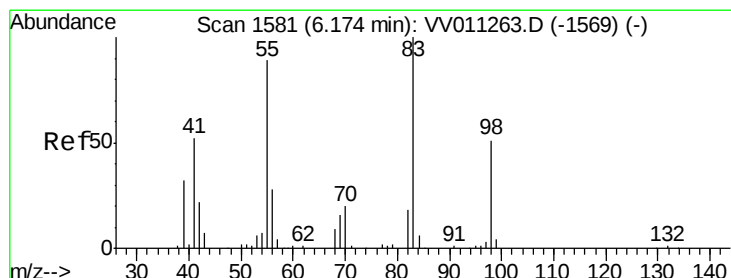
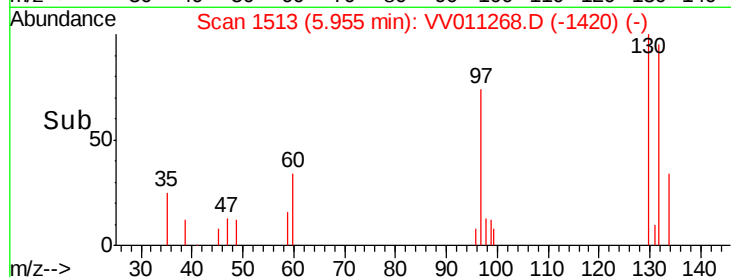
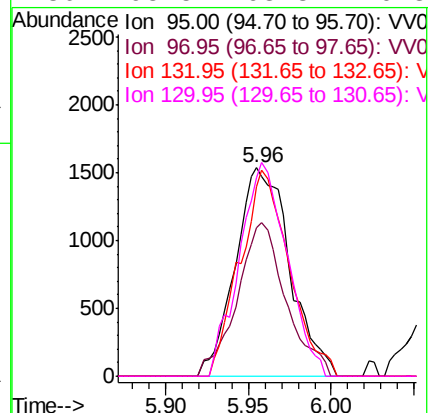
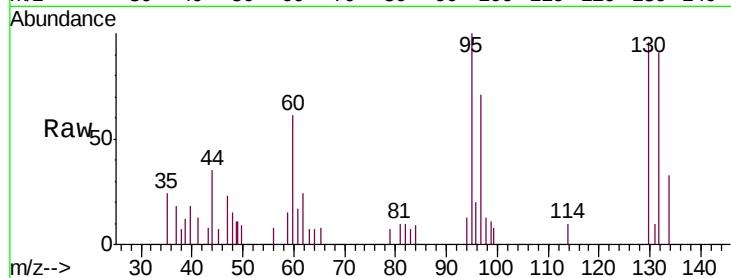
Ion Ratio Lower Upper

95 100

97 71.1 45.8 85.2

132 90.8 66.4 123.2

130 95.5 68.3 126.8



#35

Methylcyclohexane

Concen: 0.764 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.05 min

Lab File: VV011268.D

Acq: 07 Jun 2019 03:20

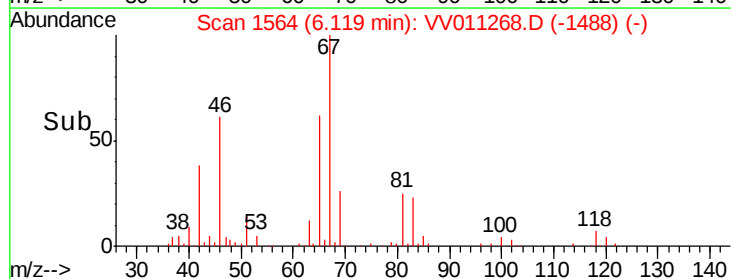
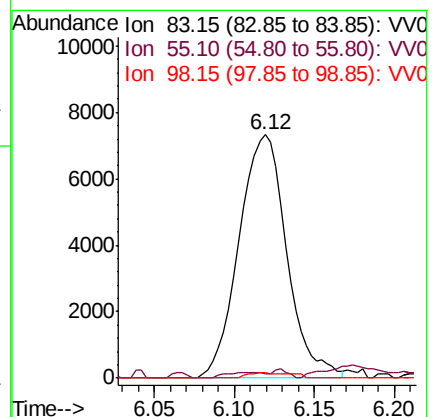
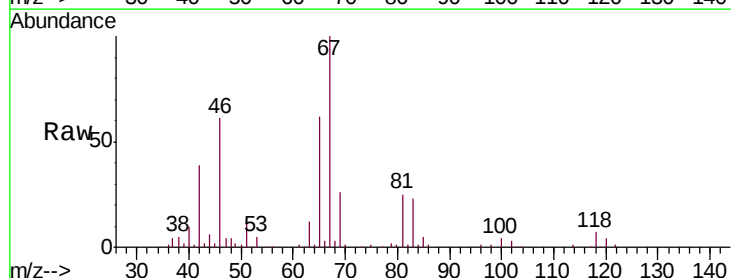
Tgt Ion: 83 Resp: 14959

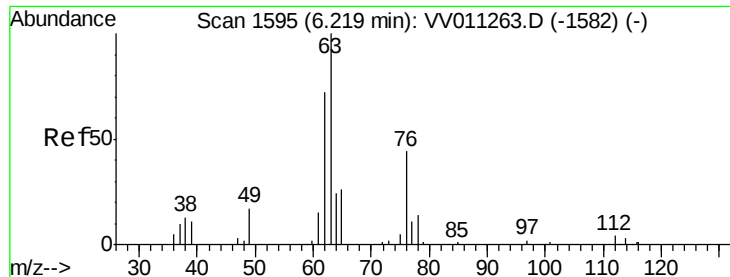
Ion Ratio Lower Upper

83 100

55 1.8 67.0 100.6#

98 1.2 40.0 60.0#

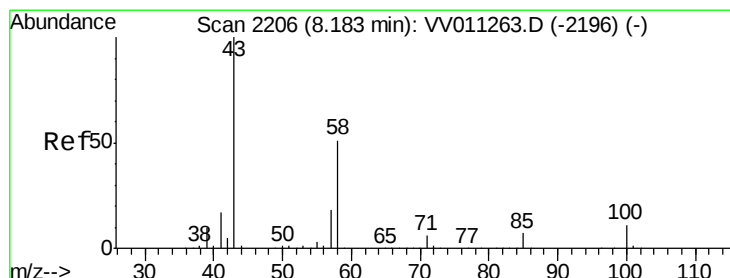
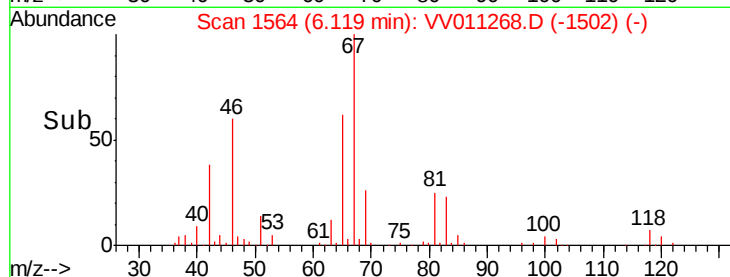
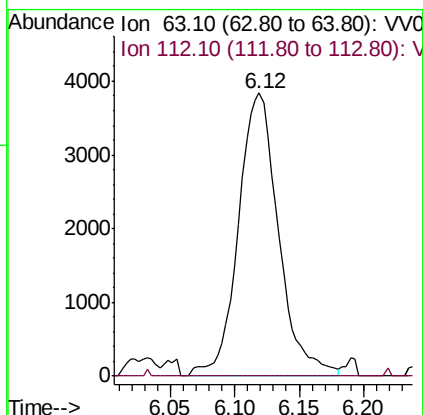
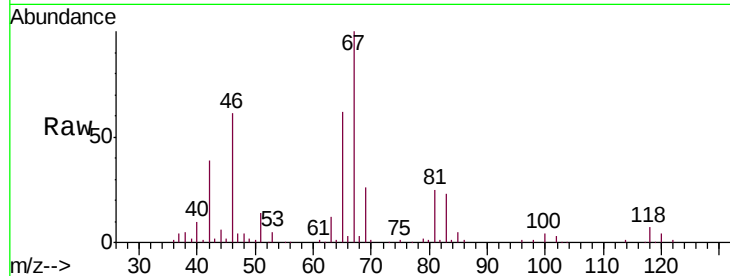




#37
 1,2-Dichloropropane
 Concen: 0.732 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV011268.D
 Acq: 07 Jun 2019 03:20

Instrument :
 MSVOA_V
 ClientSampleId :
 F9P55

Tgt Ion: 63 Resp: 8350
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.6 5.4#



#48
 2-Hexanone
 Concen: 2.806 ug/L
 RT: 8.19 min Scan# 2209
 Delta R.T. 0.01 min
 Lab File: VV011268.D
 Acq: 07 Jun 2019 03:20

Tgt Ion: 43 Resp: 14207
 Ion Ratio Lower Upper
 43 100
 58 50.6 41.4 62.0
 57 30.2 15.0 22.4#
 100 12.0 9.0 13.4

