

Data File : VV011229.D
Acq On : 05 Jun 2019 15:03
Operator : SY/MD
Sample : K3197-01
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P39

Quant Time: Jun 06 05:47:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 06 05:43:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	176446	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	159432	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	71201	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	67149	5.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.40%
7) Chloroethane-d5	1.58	69	49710	4.47	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.12	63	102438	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.60%
20) 2-Butanone-d5	3.98	46	116637	38.75	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.50%
24) Chloroform-d	4.40	84	109682	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.08	65	58639	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.09	84	228795	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.12	67	68274	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.36	98	204391	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	7.66	79	22969	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	8.14	63	107398	45.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.78%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	44239	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	65139	4.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.60%

Target Compounds

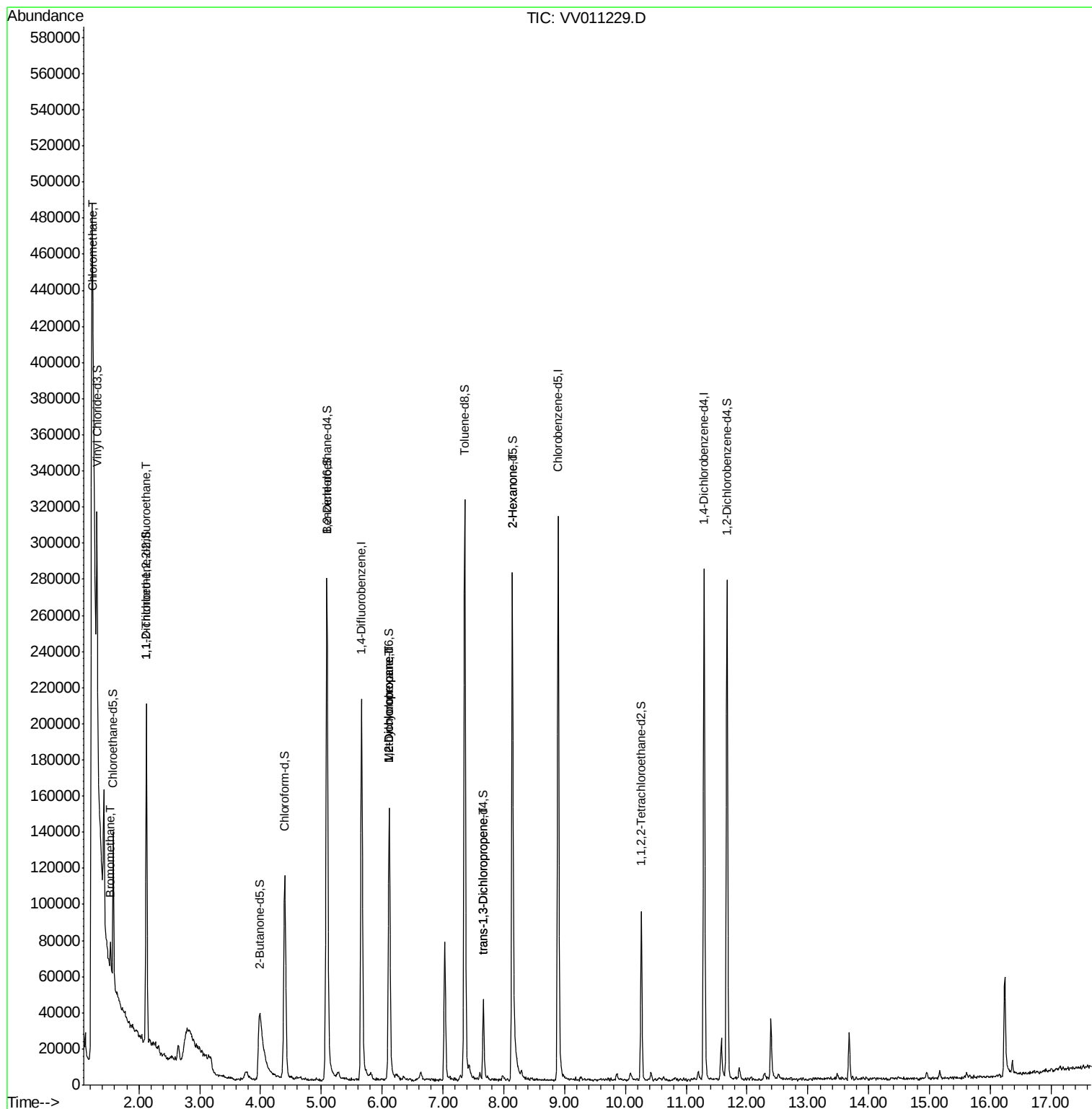
					Qvalue	
3) Chloromethane	1.24	50	38856	2.309	ug/L #	58
6) Bromomethane	1.53	94	5302	0.628	ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	987	0.086	ug/L #	40
35) Methylcyclohexane	6.12	83	17137	0.791	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	8368	0.663	ug/L #	87
44) trans-1,3-Dichloropropene	7.67	75	1223	0.087	ug/L #	54
48) 2-Hexanone	8.14	43	13123	2.340	ug/L #	72

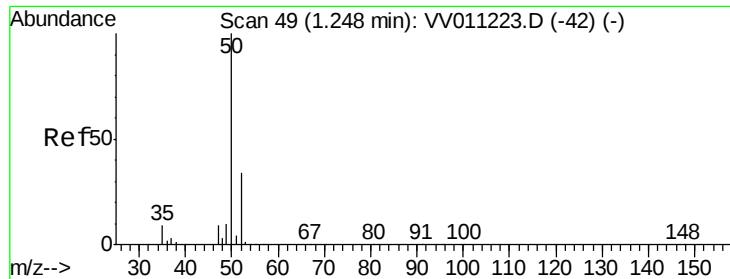
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 2.309 ug/L

RT: 1.24 min Scan# 48

Delta R.T. -0.00 min

Lab File: VV011229.D

Acq: 05 Jun 2019 15:03

Instrument :

MSVOA_V

ClientSampleId :

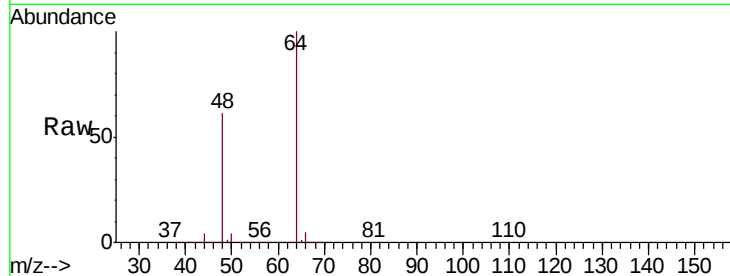
F9P39

Tgt Ion: 50 Resp: 38856

Ion Ratio Lower Upper

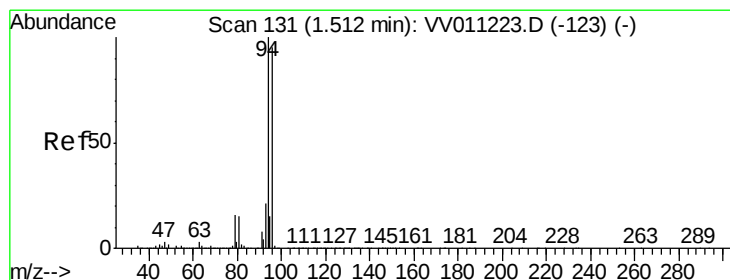
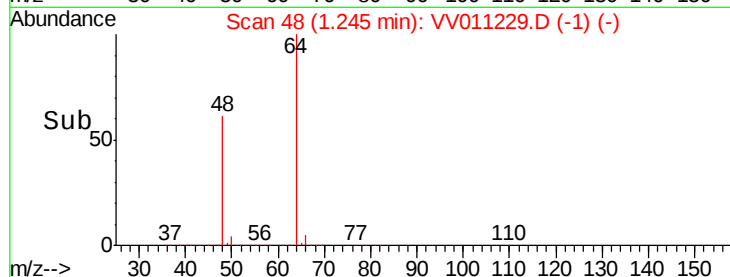
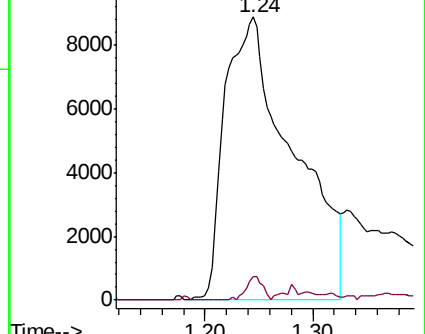
50 100

52 8.4 22.3 41.5#



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#6

Bromomethane

Concen: 0.628 ug/L

RT: 1.53 min Scan# 138

Delta R.T. 0.02 min

Lab File: VV011229.D

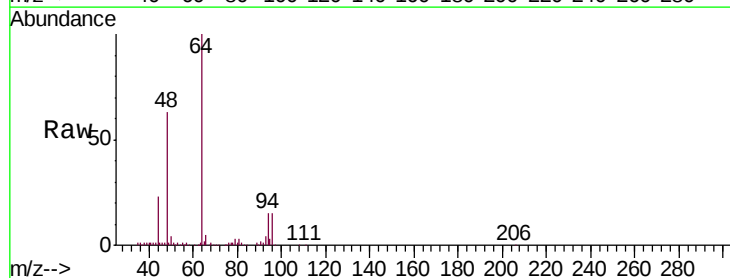
Acq: 05 Jun 2019 15:03

Tgt Ion: 94 Resp: 5302

Ion Ratio Lower Upper

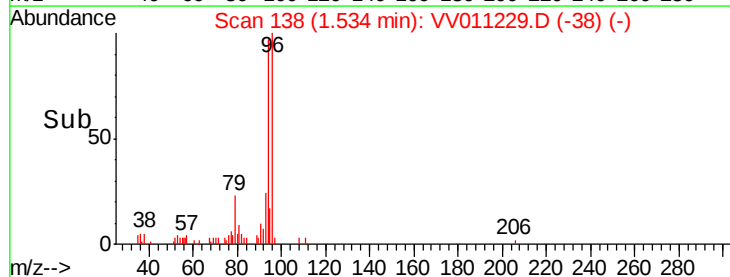
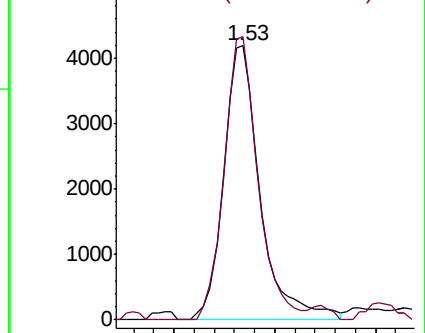
94 100

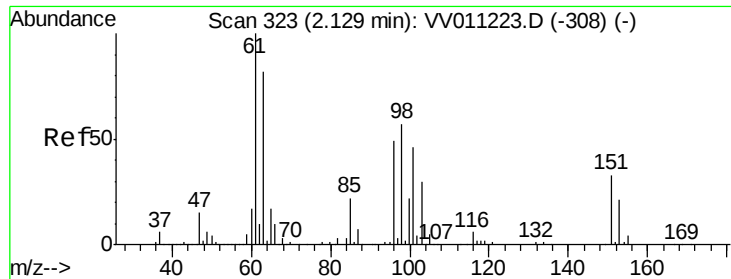
96 103.2 67.0 124.4



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#10

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

Concen: 0.086 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV011229.D

Acq: 05 Jun 2019 15:03

Instrument :

MSVOA_V

ClientSampleId :

F9P39

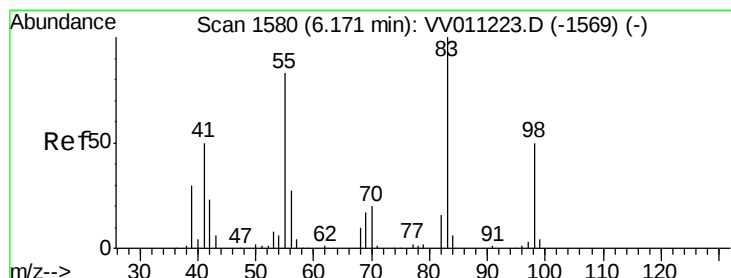
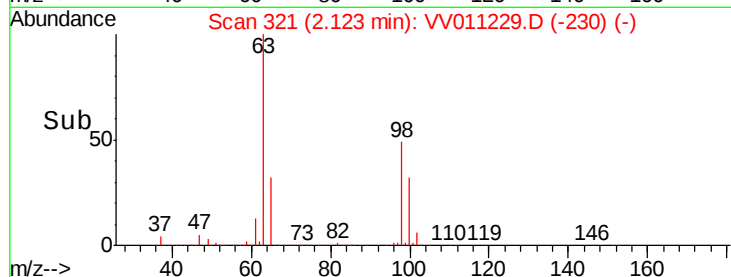
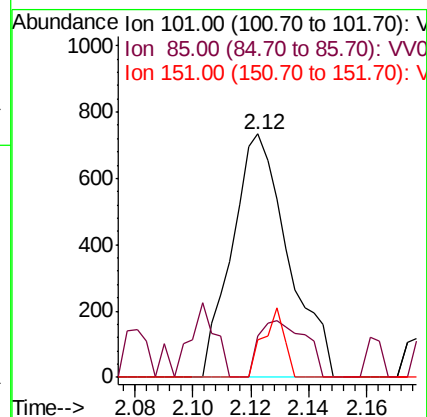
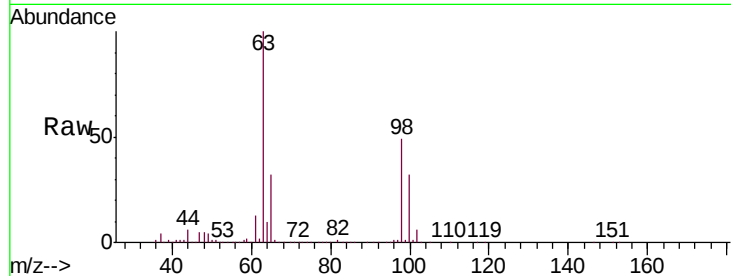
Tgt Ion: 101 Resp: 987

Ion Ratio Lower Upper

101 100

85 19.3 35.5 53.3#

151 10.8 56.9 85.3#



#35

Methylcyclohexane

Concen: 0.791 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.05 min

Lab File: VV011229.D

Acq: 05 Jun 2019 15:03

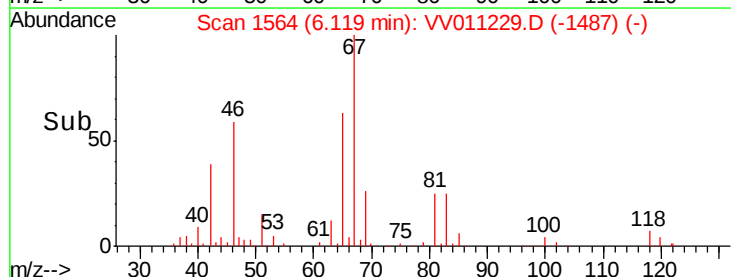
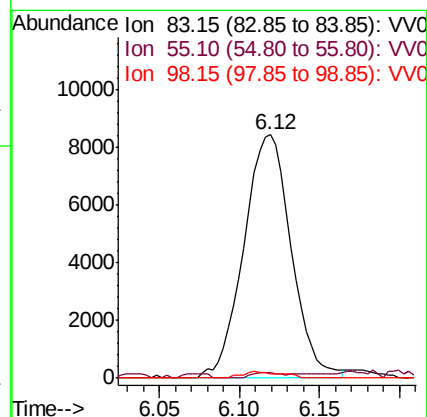
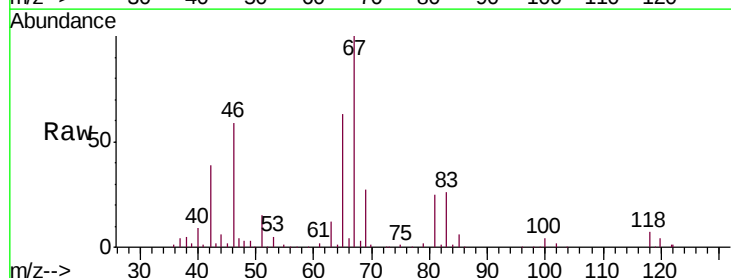
Tgt Ion: 83 Resp: 17137

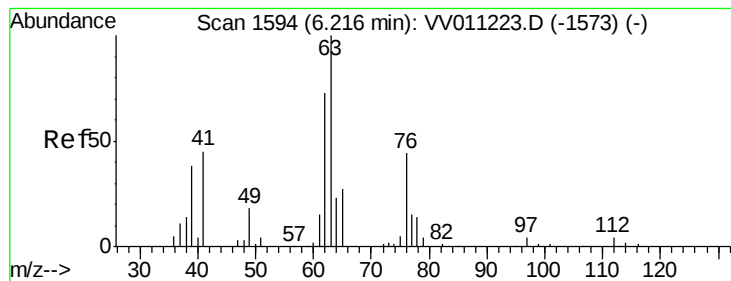
Ion Ratio Lower Upper

83 100

55 1.4 67.0 100.6#

98 1.7 40.0 60.0#





#37

1,2-Dichloropropane

Concen: 0.663 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV011229.D

Acq: 05 Jun 2019 15:03

Instrument :

MSVOA_V

ClientSampleId :

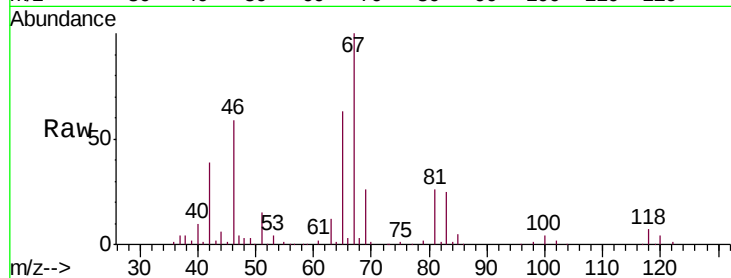
F9P39

Tgt Ion: 63 Resp: 8368

Ion Ratio Lower Upper

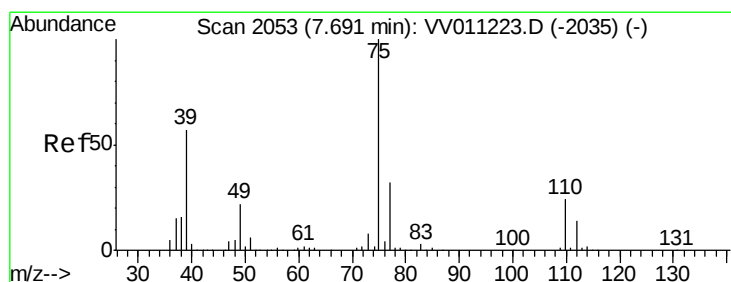
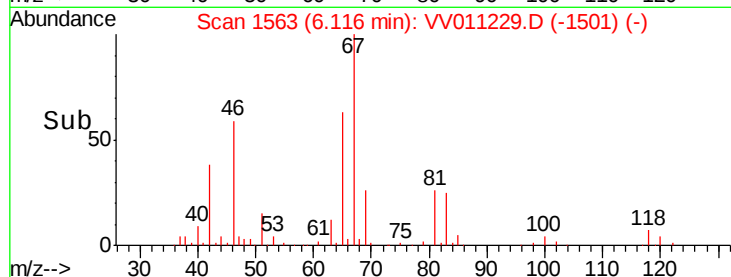
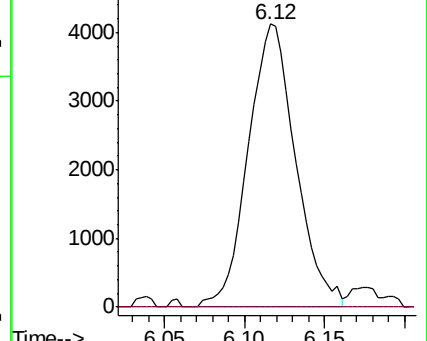
63 100

112 0.3 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV011229.D (-1563) (-)

Ion 112.10 (111.80 to 112.80): VV011229.D (-1563) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV011229.D

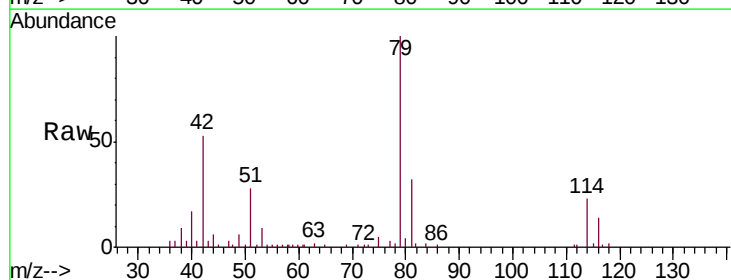
Acq: 05 Jun 2019 15:03

Tgt Ion: 75 Resp: 1223

Ion Ratio Lower Upper

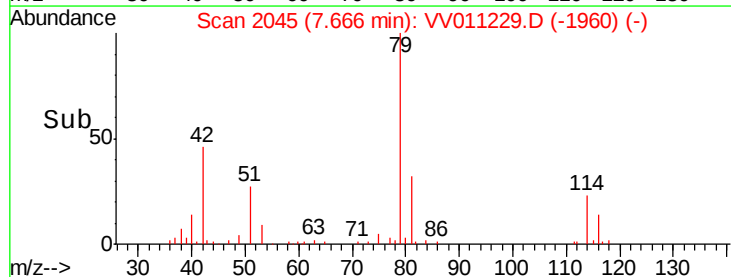
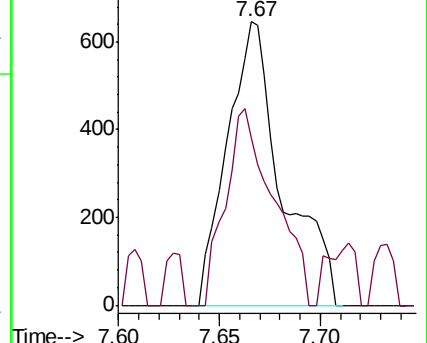
75 100

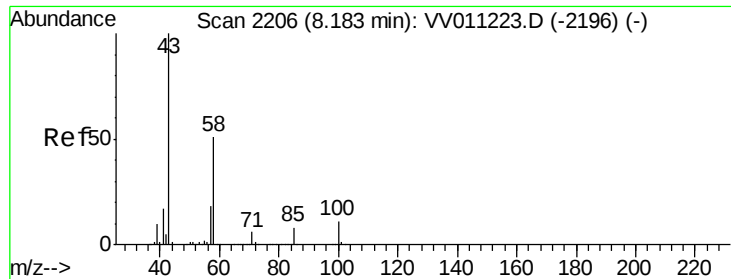
77 58.8 23.1 42.9#



Abundance Ion 75.05 (74.75 to 75.75): VV011229.D (-1960) (-)

Ion 77.05 (76.75 to 77.75): VV011229.D (-1960) (-)





#48
 2-Hexanone
 Concen: 2.340 ug/L
 RT: 8.14 min Scan# 2193
 Delta R.T. -0.04 min
 Lab File: VV011229.D
 Acq: 05 Jun 2019 15:03

Instrument :
 MSVOA_V
 ClientSampleId :
 F9P39

Tgt Ion: 43 Resp: 13123
 Ion Ratio Lower Upper
 43 100
 58 27.8 41.4 62.0#
 57 22.9 15.0 22.4#
 100 0.2 9.0 13.4#

