

Data File : VV011232.D
Acq On : 05 Jun 2019 16:23
Operator : SY/MD
Sample : K3197-04
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P42

Quant Time: Jun 06 05:47:50 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	165236	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	154186	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	69011	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	65418	5.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.40%
7) Chloroethane-d5	1.58	69	46756	4.49	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.13	63	97432	3.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.80%
20) 2-Butanone-d5	3.98	46	123741	43.90	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.80%
24) Chloroform-d	4.40	84	103974	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.08	65	57775	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.10	84	221932	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.12	67	67900	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.36	98	206828	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloropropene-	7.67	79	22203	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	8.14	63	104768	45.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.58%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	44193	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	66136	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

					Qvalue	
3) Chloromethane	1.27	50	4373	0.278	ug/L #	58
8) Chloroethane	1.31	64	690120	71.039	ug/L #	59
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	938	0.088	ug/L #	32
12) 1,1-Dichloroethene	2.12	96	1244	0.119	ug/L #	1
13) Acetone	2.24	43	9075	4.802	ug/L	66
14) Carbon disulfide	2.31	76	35009	1.109	ug/L	100
17) Methyl tert-butyl Ether	2.81	73	2507	0.090	ug/L #	1
25) Chloroform	4.42	83	3708	0.156	ug/L	96
34) Trichloroethene	6.07	95	4832	0.381	ug/L #	9
35) Methylcyclohexane	6.12	83	15219	0.726	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	8672	0.710	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2134	0.119	ug/L #	67
40) 4-Methyl-2-pentanone	7.28	43	13800	1.775	ug/L #	90
44) trans-1,3-Dichloropropene	7.67	75	1204	0.089	ug/L #	78
48) 2-Hexanone	8.19	43	41031	7.566	ug/L #	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060519\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 06 05:43:55 2019
Response via : Initial Calibration

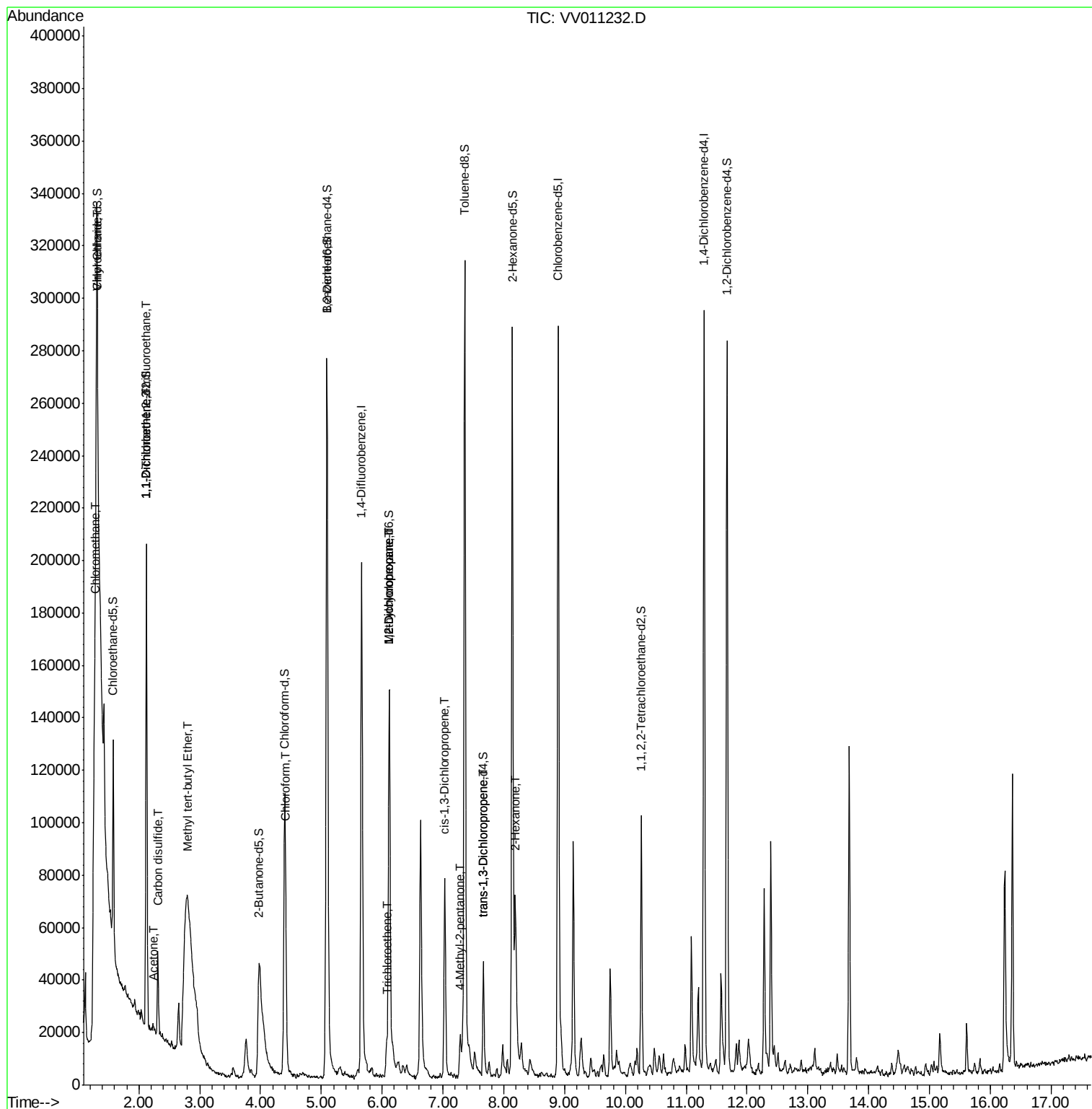
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

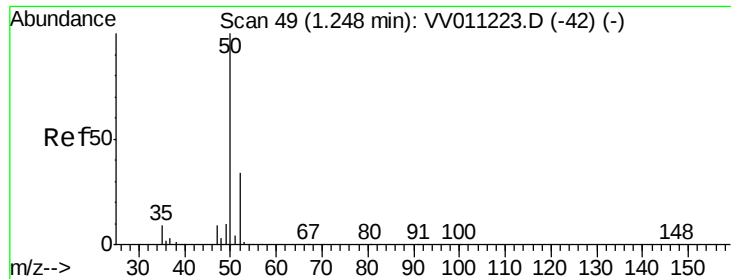
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.278 ug/L

RT: 1.27 min Scan# 55

Delta R.T. 0.02 min

Lab File: VV011232.D

Acq: 05 Jun 2019 16:23

Instrument :

MSVOA_V

ClientSampleId :

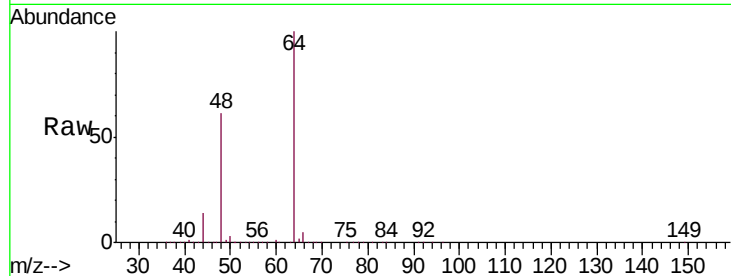
F9P42

Tgt Ion: 50 Resp: 4373

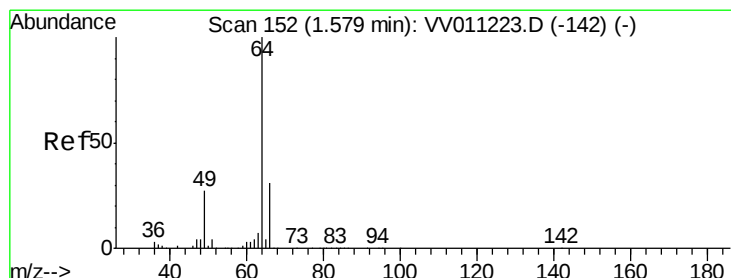
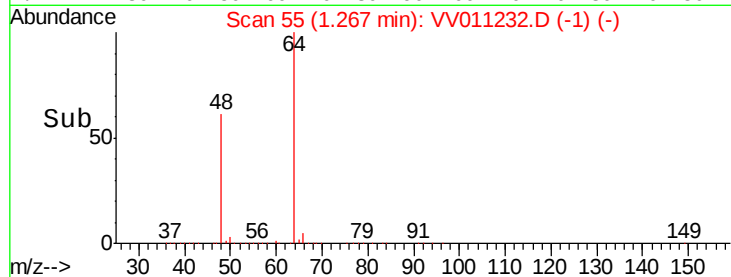
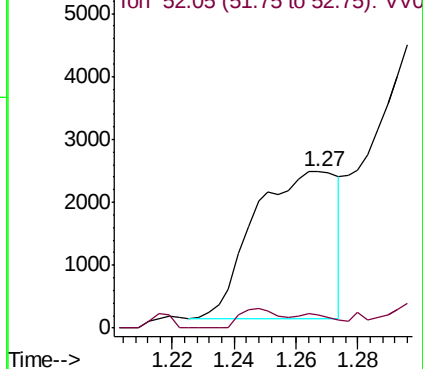
Ion Ratio Lower Upper

50 100

52 8.4 22.3 41.5#



Abundance Ion 50.05 (49.75 to 50.75): VV0



#8

Chloroethane

Concen: 71.039 ug/L

RT: 1.31 min Scan# 69

Delta R.T. -0.27 min

Lab File: VV011232.D

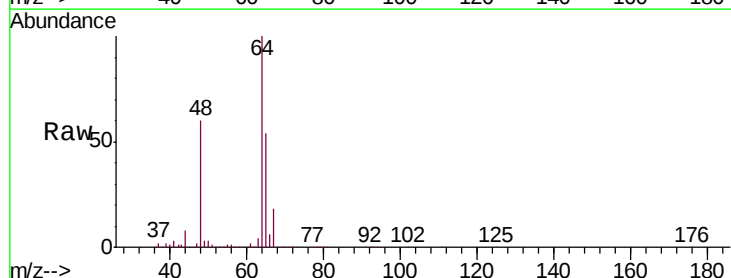
Acq: 05 Jun 2019 16:23

Tgt Ion: 64 Resp: 690120

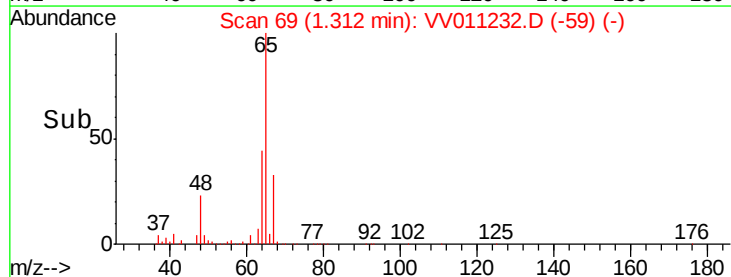
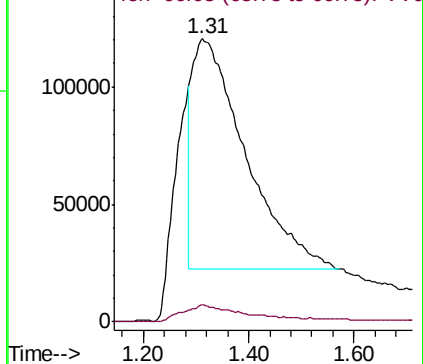
Ion Ratio Lower Upper

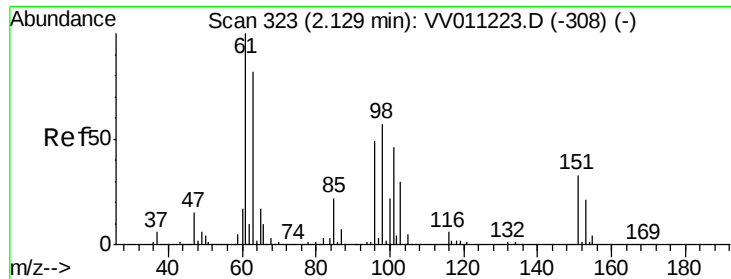
64 100

66 6.1 19.4 36.0#



Abundance Ion 64.10 (63.80 to 64.80): VV0





#10

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

Concen: 0.088 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV011232.D

Acq: 05 Jun 2019 16:23

Instrument :

MSVOA_V

ClientSampleId :

F9P42

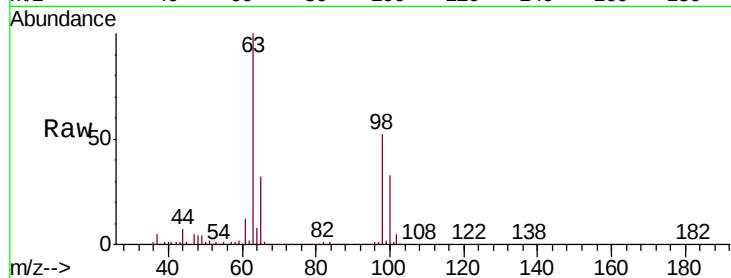
Tgt Ion: 101 Resp: 938

Ion Ratio Lower Upper

101 100

85 18.9 35.5 53.3#

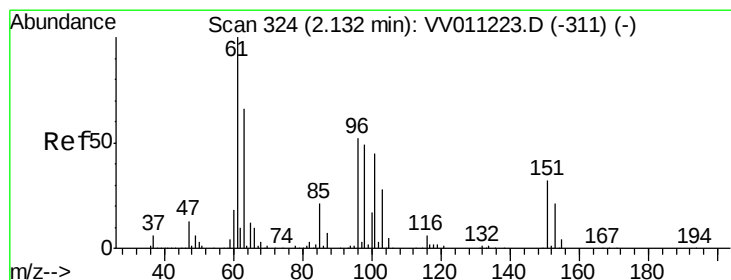
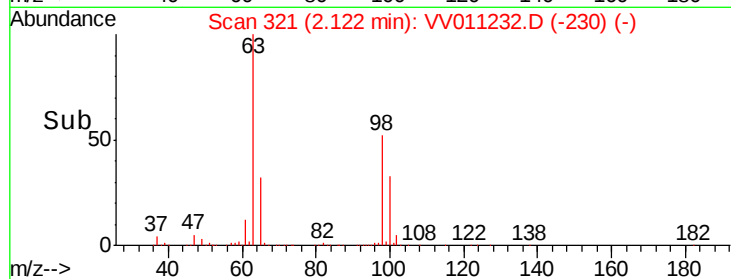
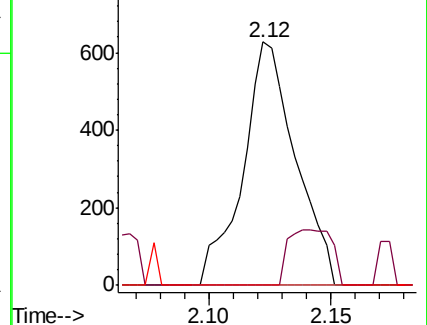
151 0.0 56.9 85.3#



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



#12

1,1-Dichloroethene

Concen: 0.119 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV011232.D

Acq: 05 Jun 2019 16:23

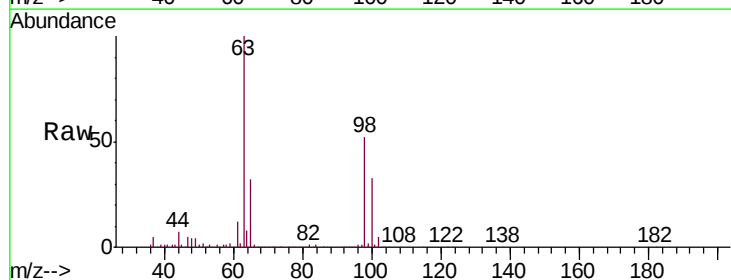
Tgt Ion: 96 Resp: 1244

Ion Ratio Lower Upper

96 100

61 1378.5 139.8 259.6#

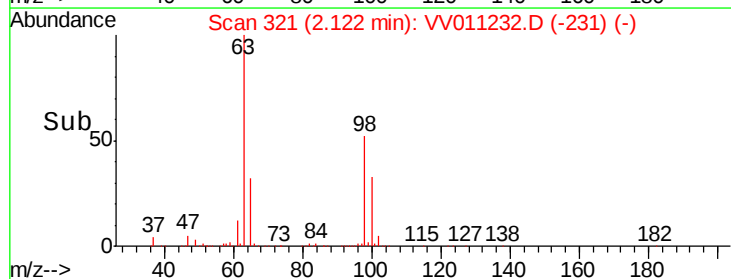
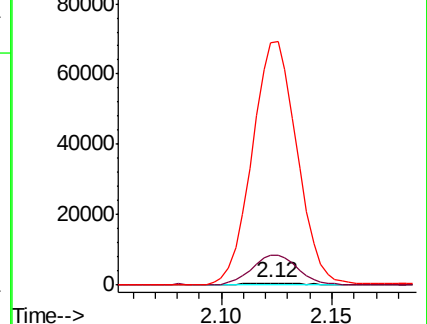
63 11145.7 94.3 175.1#

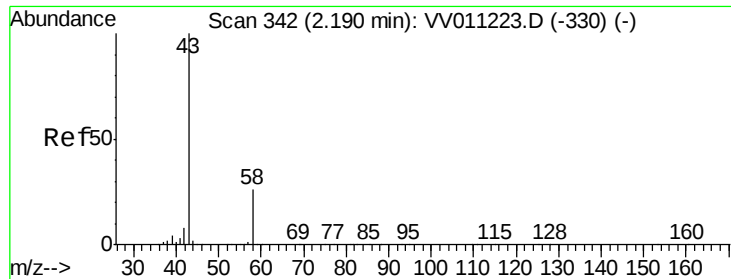


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 4.802 ug/L

RT: 2.24 min Scan# 359

Delta R.T. 0.05 min

Lab File: VV011232.D

Acq: 05 Jun 2019 16:23

Instrument :

MSVOA_V

ClientSampled :

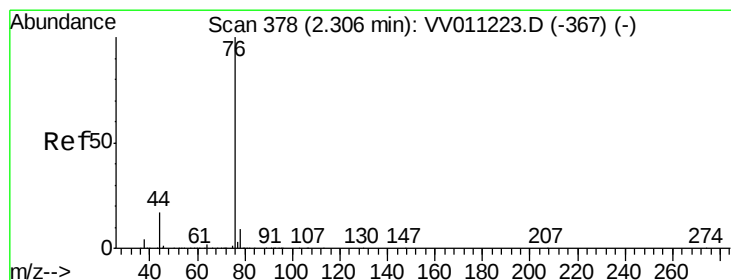
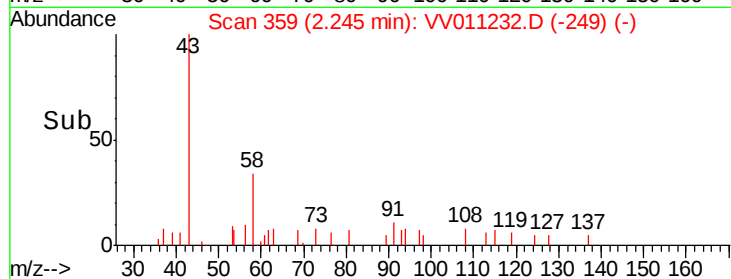
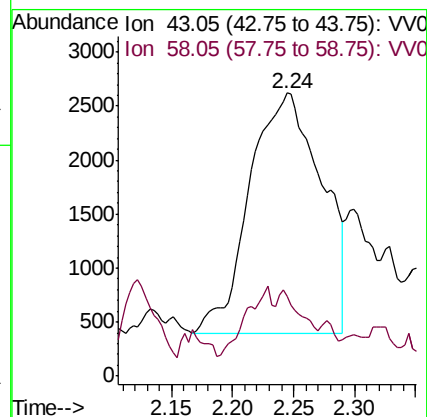
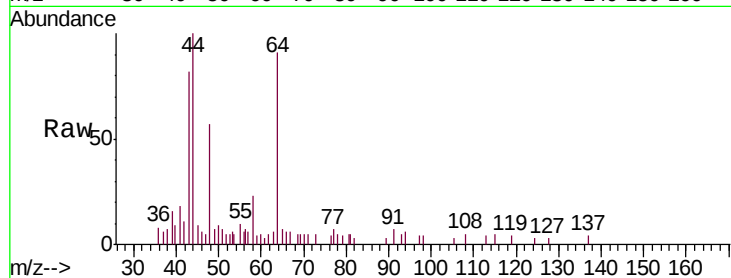
F9P42

Tgt Ion: 43 Resp: 9075

Ion Ratio Lower Upper

43 100

58 9.8 0.0 55.2



#14

Carbon disulfide

Concen: 1.109 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.01 min

Lab File: VV011232.D

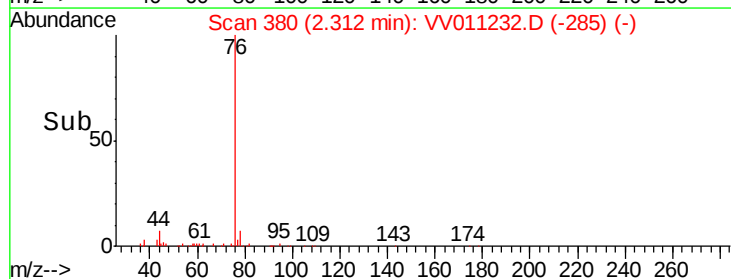
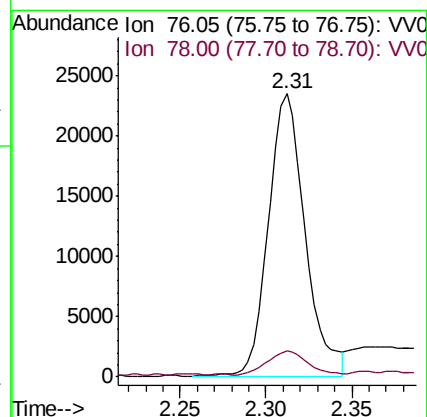
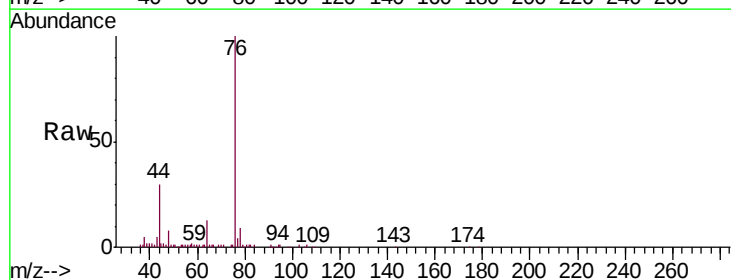
Acq: 05 Jun 2019 16:23

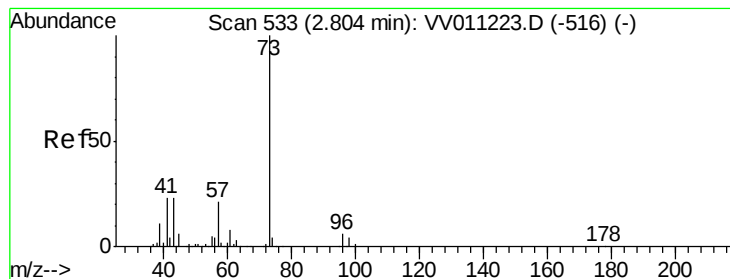
Tgt Ion: 76 Resp: 35009

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9





#17

Methyl tert-butyl Ether

Concen: 0.090 ug/L

RT: 2.81 min Scan# 534

Delta R.T. 0.00 min

Lab File: VV011232.D

Acq: 05 Jun 2019 16:23

Instrument :

MSVOA_V

ClientSampleId :

F9P42

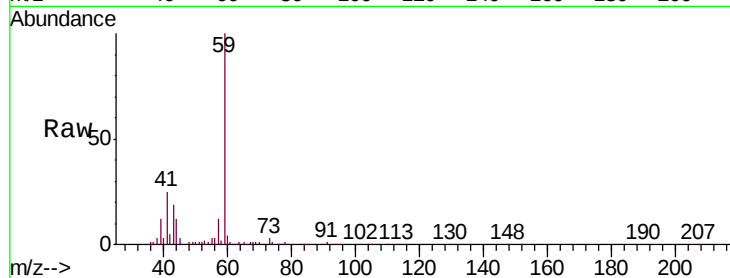
Tgt Ion: 73 Resp: 2507

Ion Ratio Lower Upper

73 100

43 980.3 18.7 28.1#

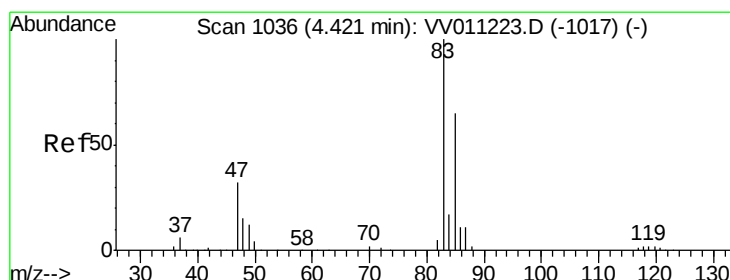
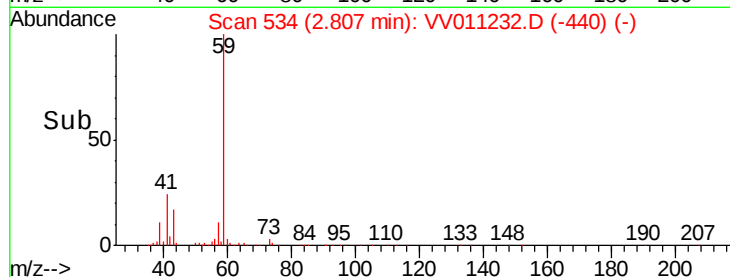
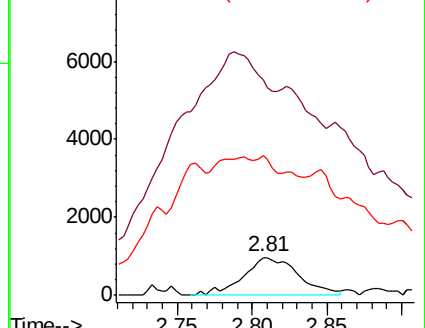
57 56.9 18.1 27.1#



Abundance Ion 73.10 (72.80 to 73.80): VV011223.D (-516) (-)

Ion 43.05 (42.75 to 43.75): VV011223.D (-516) (-)

Ion 57.10 (56.80 to 57.80): VV011223.D (-516) (-)



#25

Chloroform

Concen: 0.156 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VV011232.D

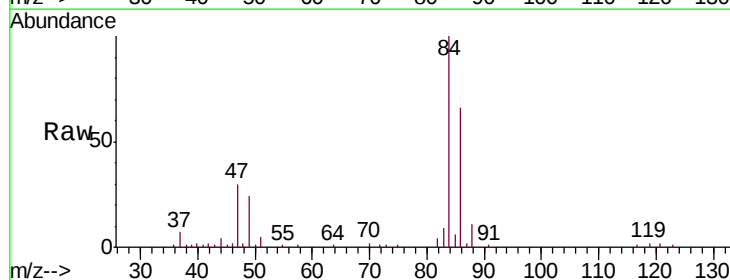
Acq: 05 Jun 2019 16:23

Tgt Ion: 83 Resp: 3708

Ion Ratio Lower Upper

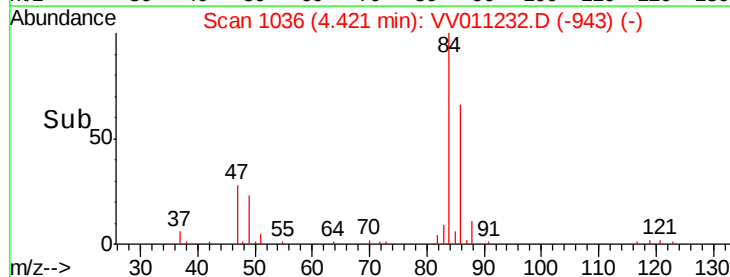
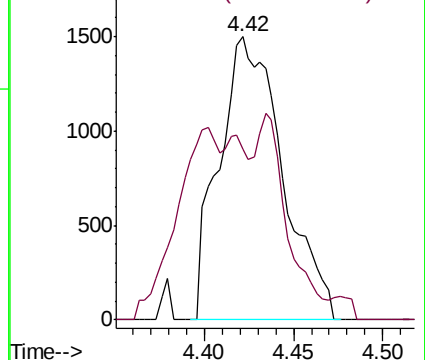
83 100

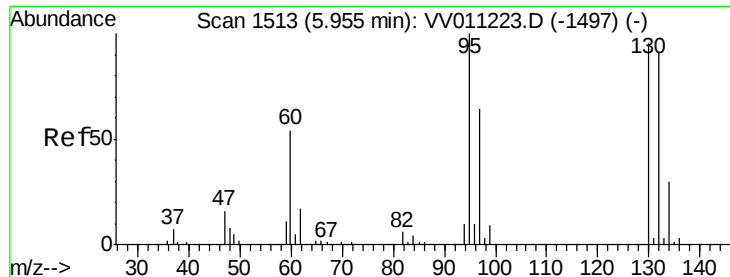
85 60.2 44.1 81.9



Abundance Ion 83.05 (82.75 to 83.75): VV011223.D (-1017) (-)

Ion 85.00 (84.70 to 85.70): VV011223.D (-1017) (-)





#34

Trichloroethene

Concen: 0.381 ug/L

RT: 6.07 min Scan# 1550

Delta R.T. 0.12 min

Lab File: VV011232.D

Acq: 05 Jun 2019 16:23

Instrument :

MSVOA_V

ClientSampleId :

F9P42

Tgt Ion: 95 Resp: 4832

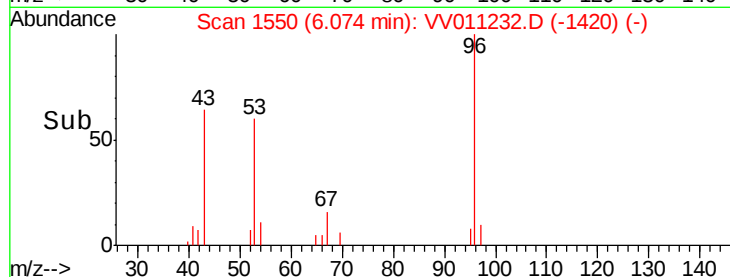
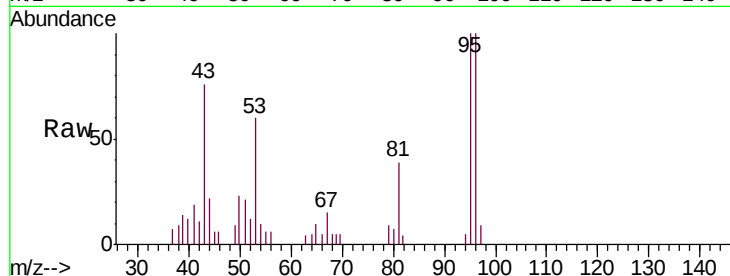
Ion Ratio Lower Upper

95 100

97 9.4 45.8 85.2#

132 0.0 66.4 123.2#

130 0.0 68.3 126.8#

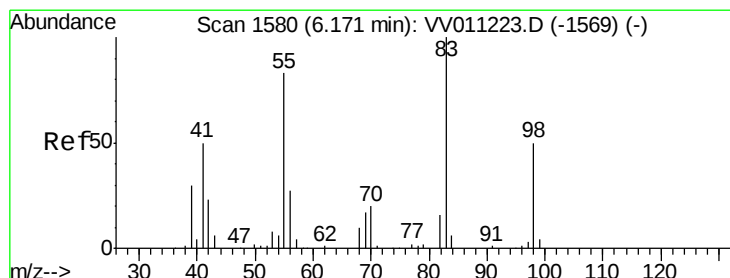
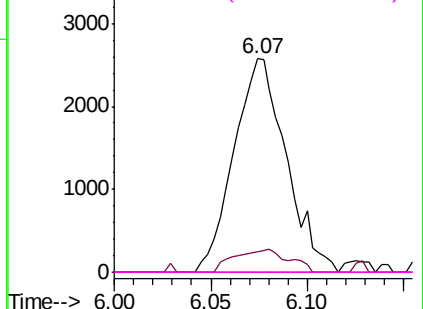


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.726 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV011232.D

Acq: 05 Jun 2019 16:23

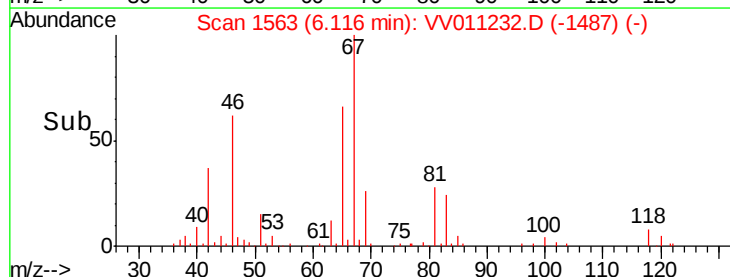
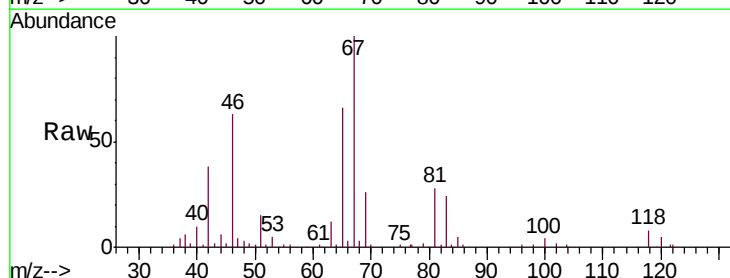
Tgt Ion: 83 Resp: 15219

Ion Ratio Lower Upper

83 100

55 0.7 67.0 100.6#

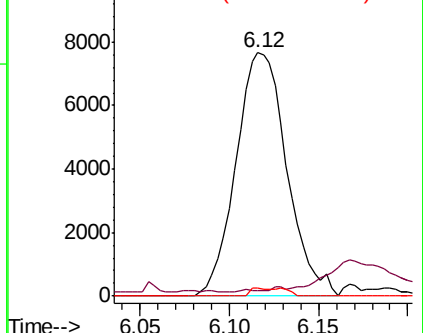
98 1.2 40.0 60.0#

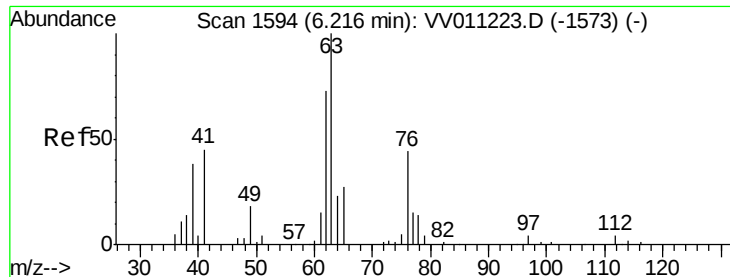


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

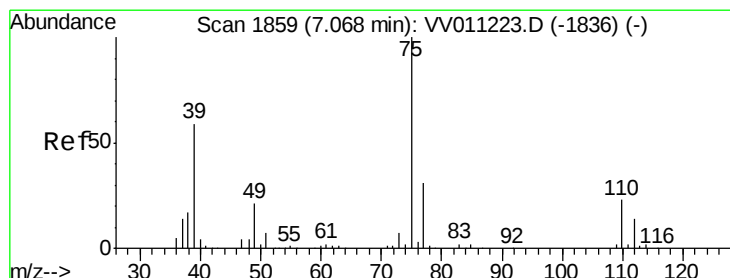
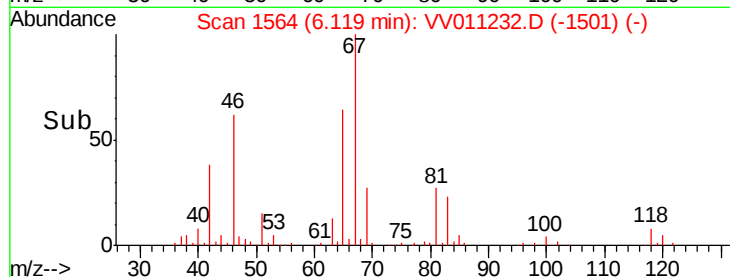
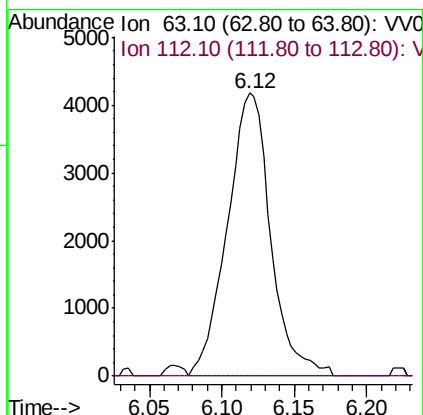
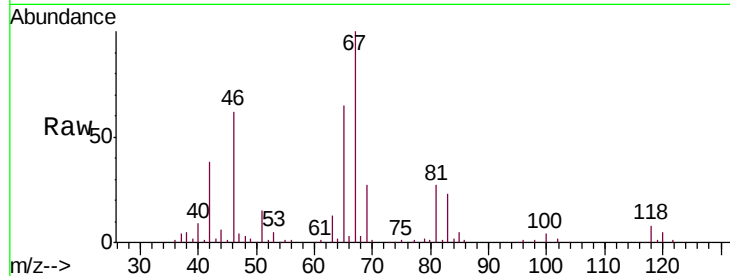




#37
 1,2-Dichloropropane
 Concen: 0.710 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV011232.D
 Acq: 05 Jun 2019 16:23

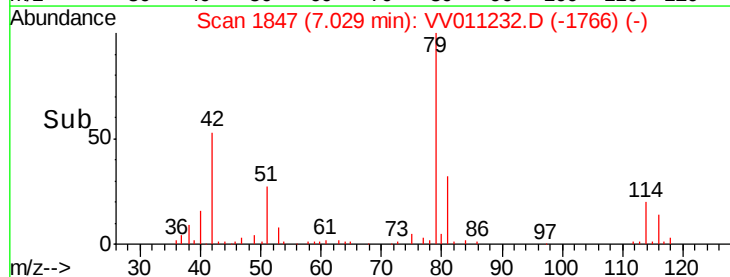
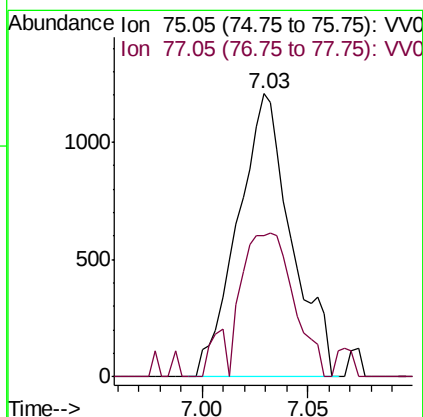
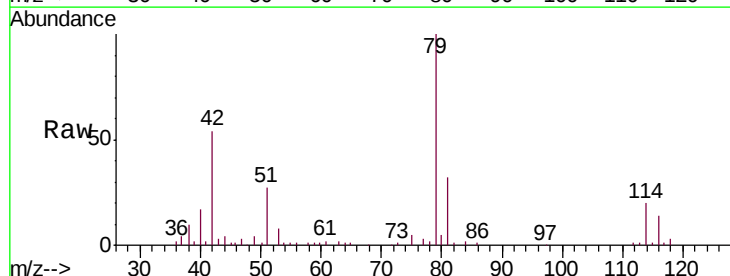
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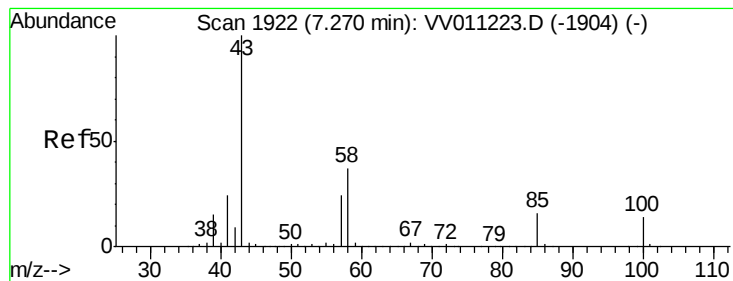
Tgt Ion: 63 Resp: 8672
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.119 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011232.D
 Acq: 05 Jun 2019 16:23

Tgt Ion: 75 Resp: 2134
 Ion Ratio Lower Upper
 75 100
 77 50.0 22.2 41.2#





#40

4-Methyl-2-pentanone

Concen: 1.775 ug/L

RT: 7.28 min Scan# 1926

Delta R.T. 0.01 min

Lab File: VV011232.D

Acq: 05 Jun 2019 16:23

Instrument :

MSVOA_V

ClientSampleId :

F9P42

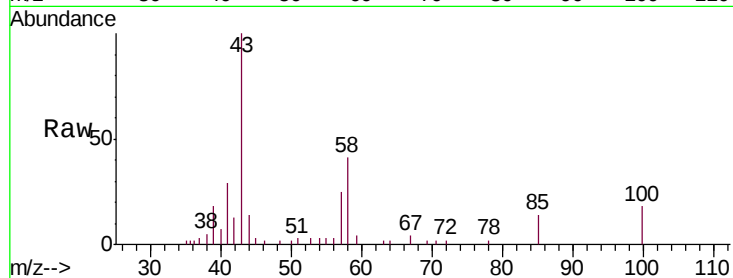
Tgt Ion: 43 Resp: 13800

Ion Ratio Lower Upper

43 100

58 35.6 29.3 43.9

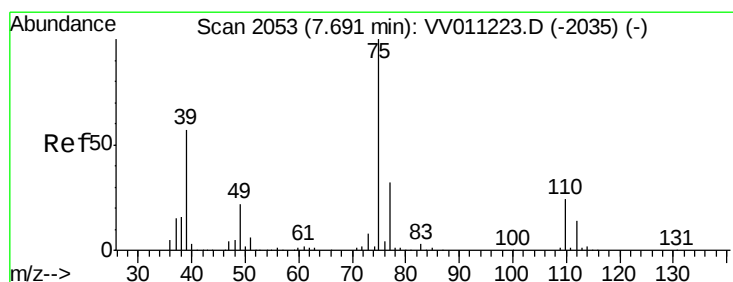
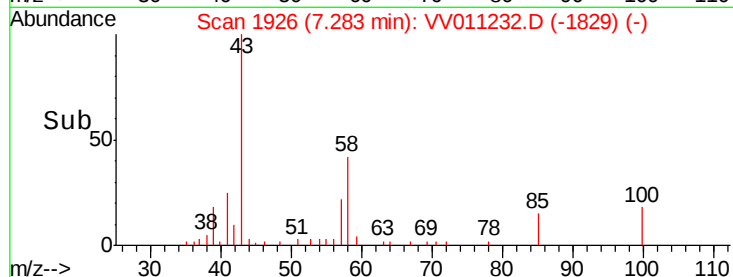
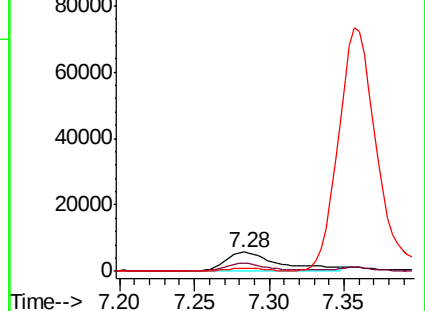
100 0.0 10.6 16.0#



Abundance Ion 43.05 (42.75 to 43.75): VV011232.D (-1904) (-)

Ion 58.05 (57.75 to 58.75): VV011232.D (-1904) (-)

Ion 100.15 (99.85 to 100.85): VV011232.D (-1904) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.089 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV011232.D

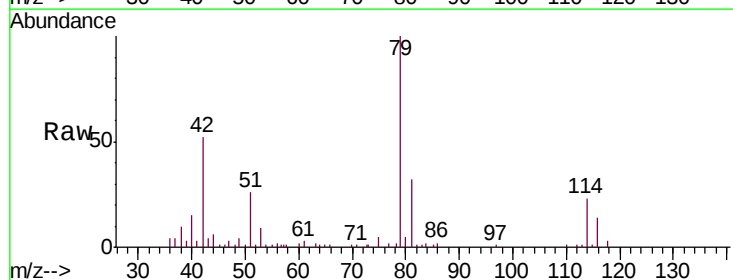
Acq: 05 Jun 2019 16:23

Tgt Ion: 75 Resp: 1204

Ion Ratio Lower Upper

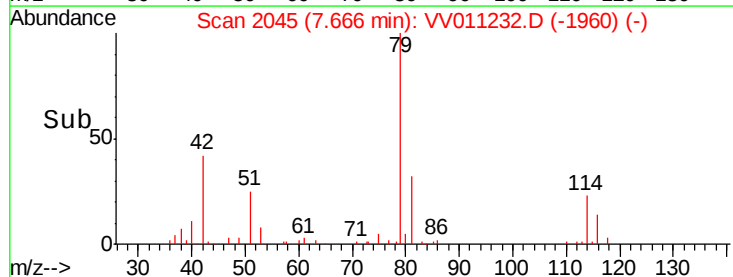
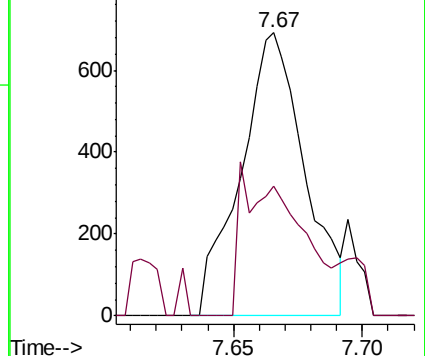
75 100

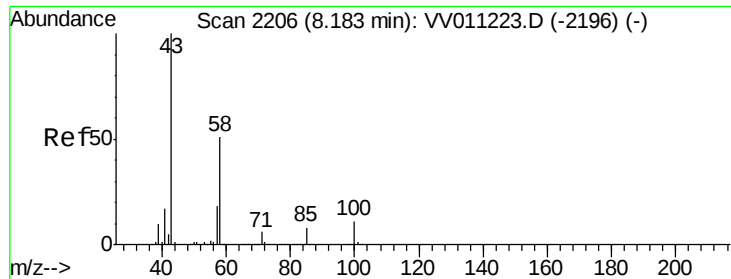
77 45.7 23.1 42.9#



Abundance Ion 75.05 (74.75 to 75.75): VV011232.D (-2035) (-)

Ion 77.05 (76.75 to 77.75): VV011232.D (-2035) (-)





#48
 2-Hexanone
 Concen: 7.566 ug/L
 RT: 8.19 min Scan# 2209
 Delta R.T. 0.01 min
 Lab File: VV011232.D
 Acq: 05 Jun 2019 16:23

Instrument :
 MSVOA_V
 ClientSampleId :
 F9P42

Tgt Ion: 43 Resp: 41031
 Ion Ratio Lower Upper
 43 100
 58 50.9 41.4 62.0
 57 28.5 15.0 22.4#
 100 10.7 9.0 13.4

