

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122319\
 Data File : VV014165.D
 Acq On : 23 Dec 2019 18:19
 Operator : SY/MD
 Sample : K6404-13
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 24 01:37:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 24 01:34:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	353146	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	335629	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	147322	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	127713	5.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.80%
7) Chloroethane-d5	1.58	69	110832	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.13	63	171340	3.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.80%
20) 2-Butanone-d5	3.95	46	265098	55.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.92%
24) Chloroform-d	4.40	84	249951	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.08	65	128021	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.80%
32) Benzene-d6	5.09	84	501019	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.80%
36) 1,2-Dichloropropane-d6	6.11	67	151386	5.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.60%
41) Toluene-d8	7.36	98	427752	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
43) trans-1,3-Dichloropropene-	7.66	79	53974	5.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.00%
46) 2-Hexanone-d5	8.13	63	196357	51.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.96%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	102306	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	157173	5.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.20%

Target Compounds

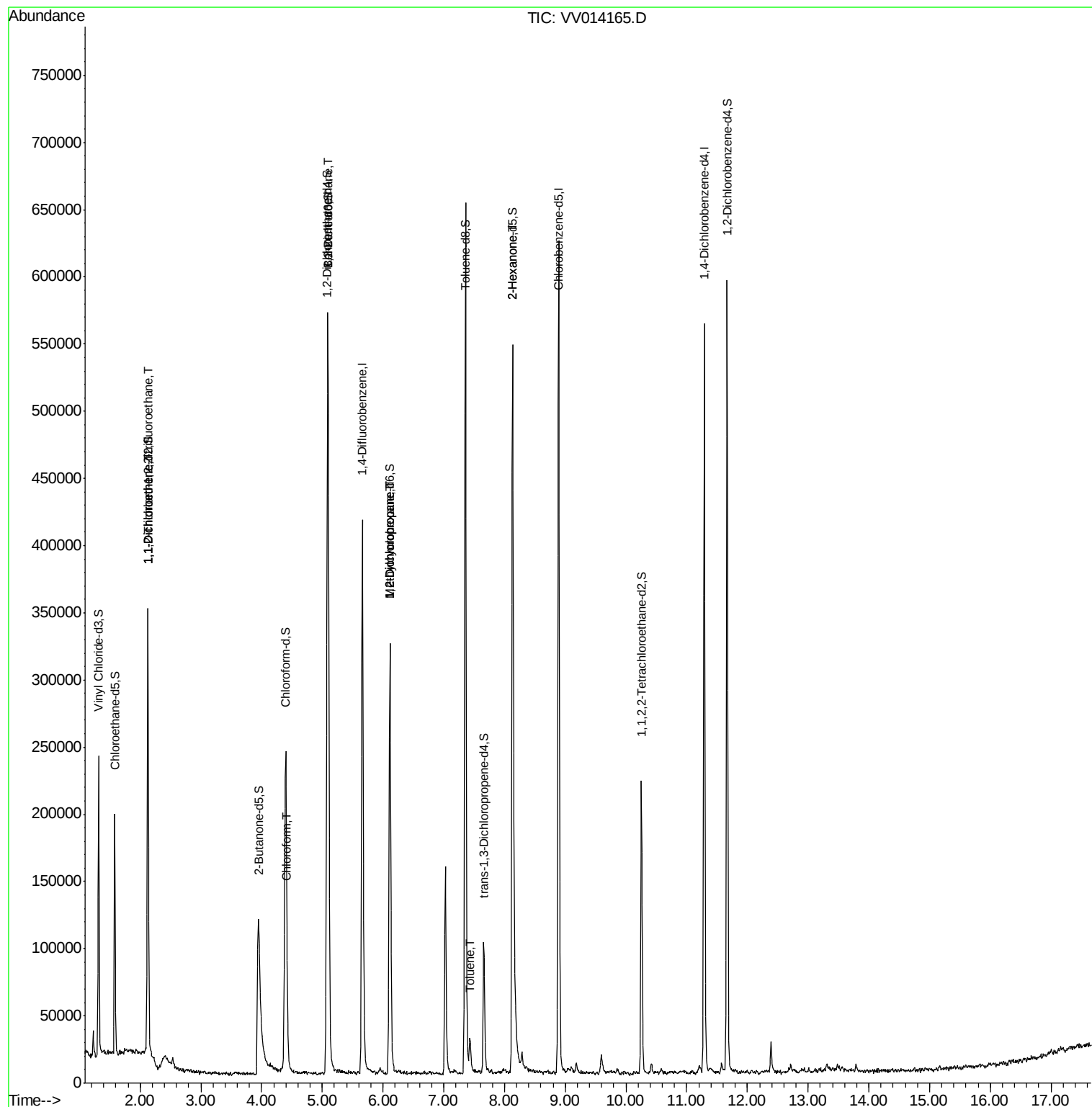
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2089	0.100 ug/L #	28
12) 1,1-Dichloroethene	2.13	96	1944	0.095 ug/L #	1
25) Chloroform	4.43	83	4963	0.108 ug/L	97
27) 1,2-Dichloroethane	5.09	62	3147	0.121 ug/L	97
35) Methylcyclohexane	6.11	83	37171	1.004 ug/L #	16
37) 1,2-Dichloropropane	6.11	63	17451	0.747 ug/L #	86
42) Toluene	7.43	91	17078	0.172 ug/L	96
48) 2-Hexanone	8.13	43	25814	2.776 ug/L #	78

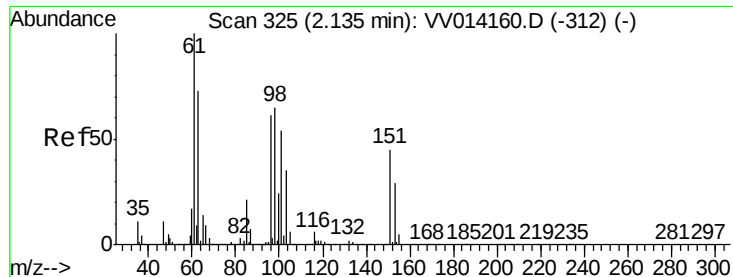
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV122319\
Data File : VV014165.D
Acq On : 23 Dec 2019 18:19
Operator : SY/MD
Sample : K6404-13
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Dec 24 01:37:25 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 24 01:34:37 2019
Response via : Initial Calibration





#10

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

Concen: 0.100 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV014165.D

Acq: 23 Dec 2019 18:19

Instrument :

MSVOA_V

ClientSampleId :

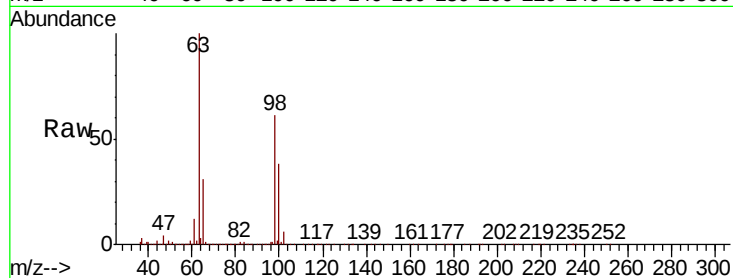
Tot Ion:101 Resp: 2089

Ion Ratio Lower Upper

101 100

85 20.2 34.7 52.1#

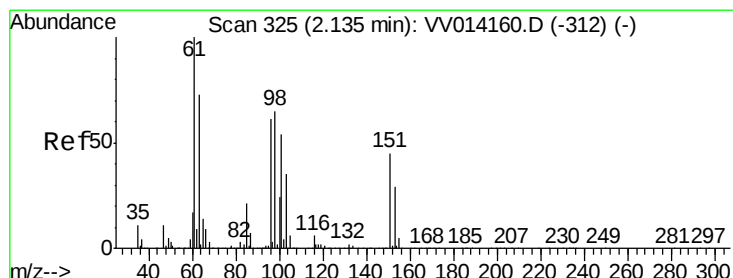
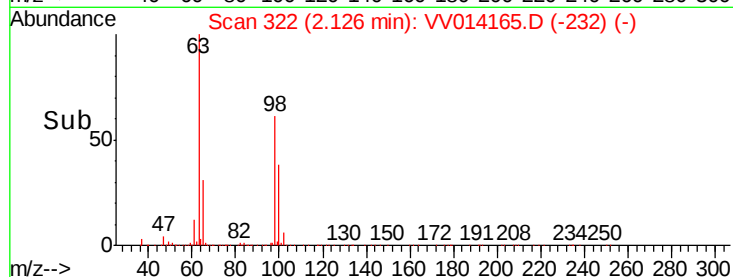
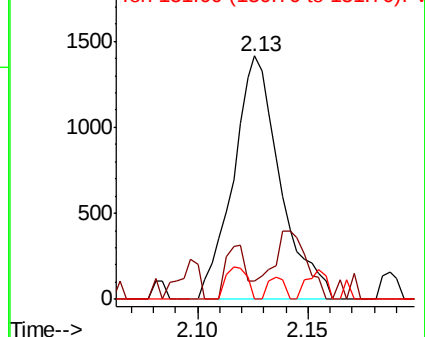
151 3.2 69.1 103.7#



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: 0.095 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV014165.D

Acq: 23 Dec 2019 18:19

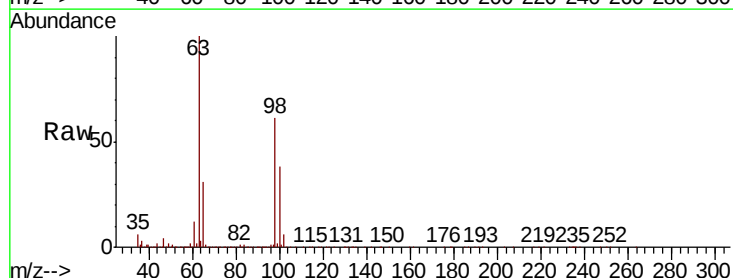
Tgt Ion: 96 Resp: 1944

Ion Ratio Lower Upper

96 100

61 1296.8 115.8 215.2#

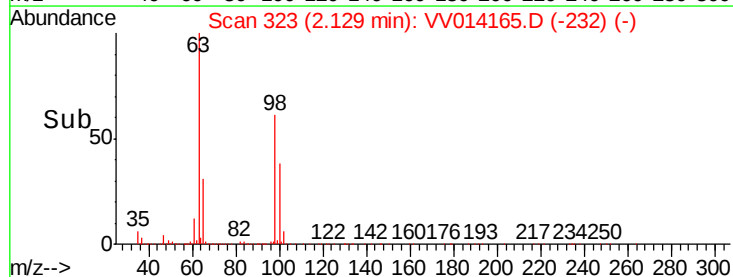
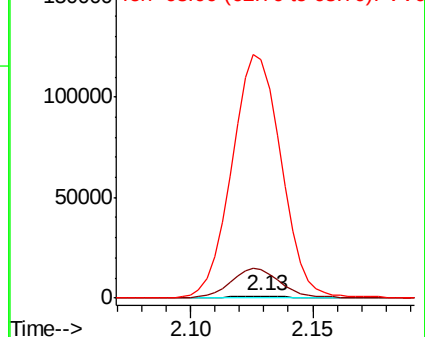
63 10869.6 79.9 148.3#

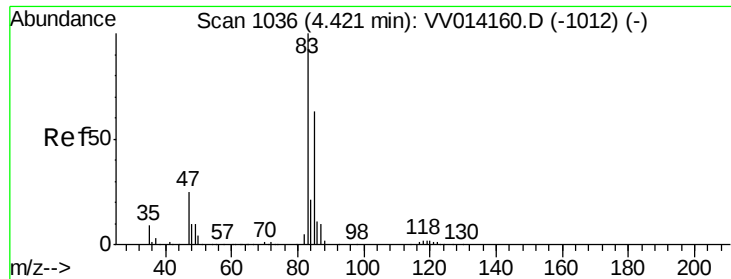


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#25

Chloroform

Concen: 0.108 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VV014165.D

Acq: 23 Dec 2019 18:19

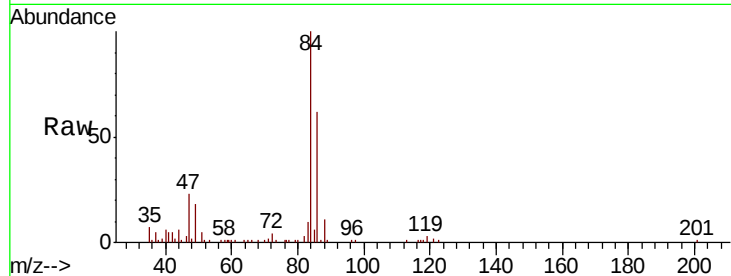
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 4963

Ion Ratio Lower Upper

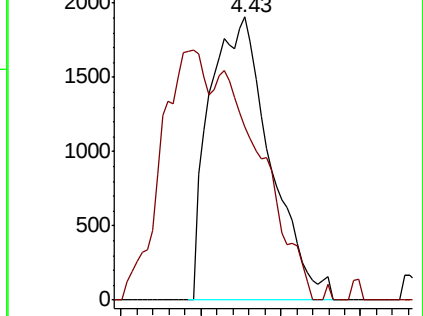
83 100

85 61.1 44.6 82.8

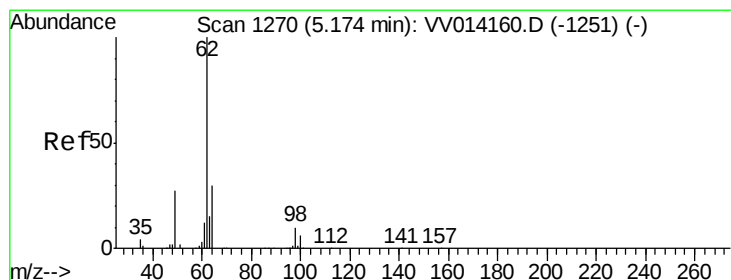
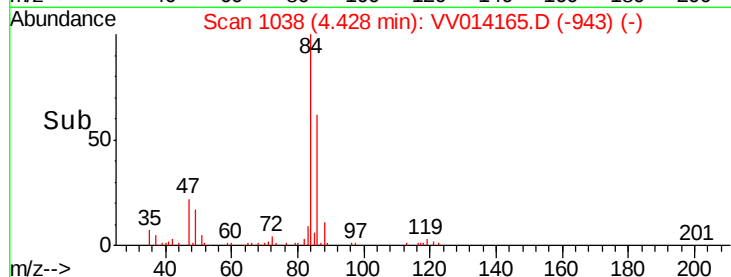


Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0



Time-->



#27

1,2-Dichloroethane

Concen: 0.121 ug/L

RT: 5.09 min Scan# 1245

Delta R.T. -0.08 min

Lab File: VV014165.D

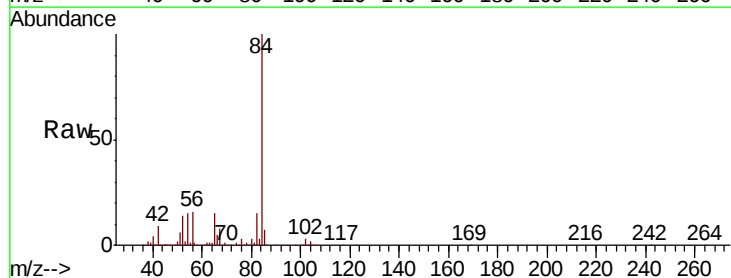
Acq: 23 Dec 2019 18:19

Tgt Ion: 62 Resp: 3147

Ion Ratio Lower Upper

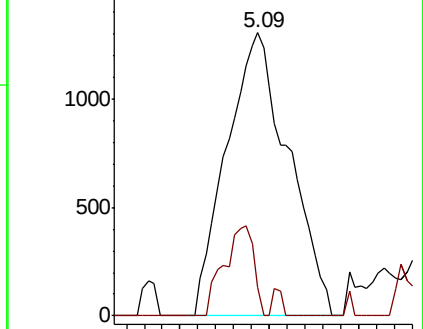
62 100

98 10.0 7.0 10.6

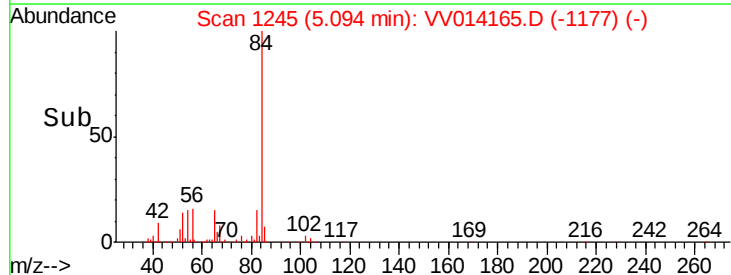


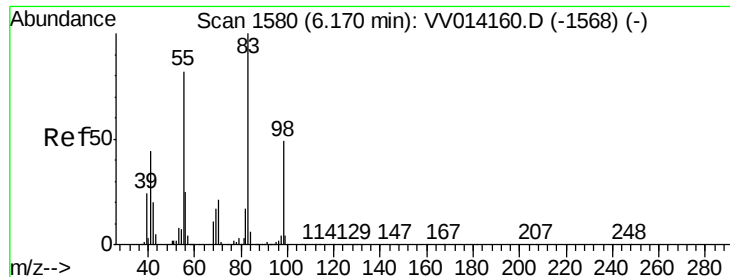
Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0



Time-->





#35

Methylcyclohexane

Concen: 1.004 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV014165.D

Acq: 23 Dec 2019 18:19

Instrument :

MSVOA_V

ClientSampleId :

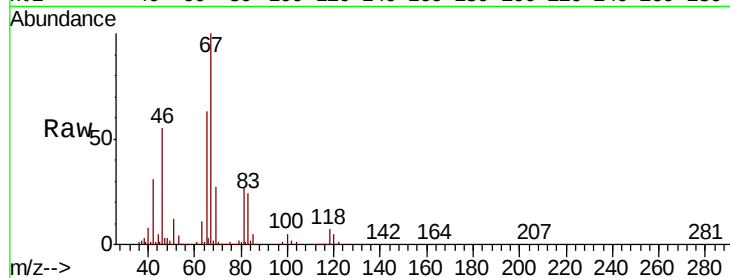
Tot Ion: 83 Resp: 37171

Ion Ratio Lower Upper

83 100

55 0.4 65.3 97.9#

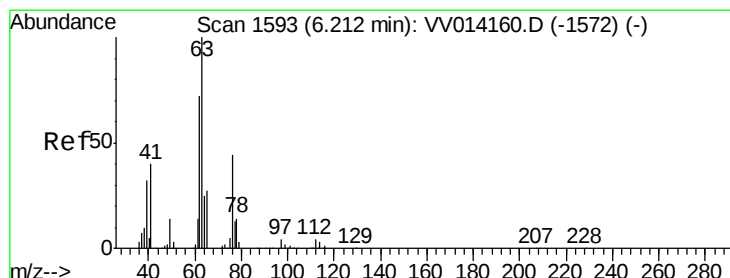
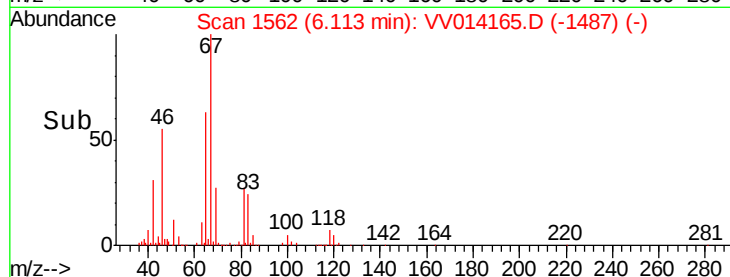
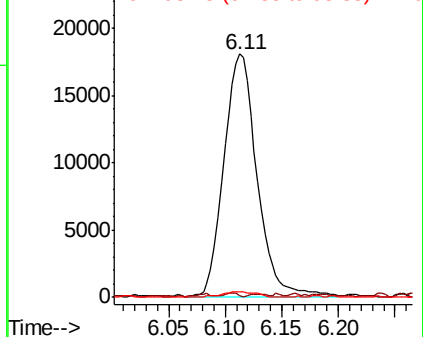
98 0.0 39.2 58.8#



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: 0.747 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.10 min

Lab File: VV014165.D

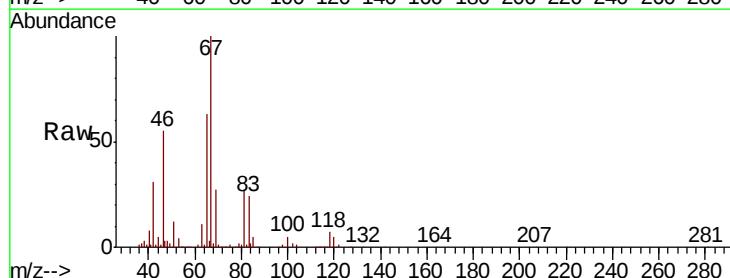
Acq: 23 Dec 2019 18:19

Tgt Ion: 63 Resp: 17451

Ion Ratio Lower Upper

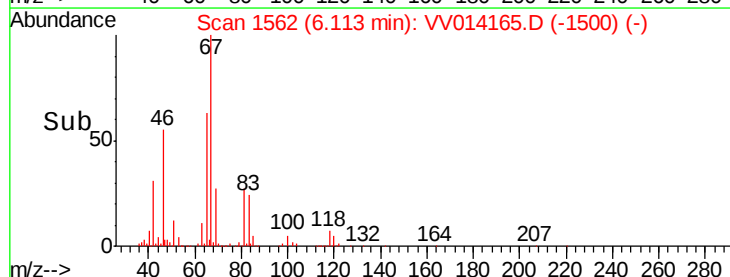
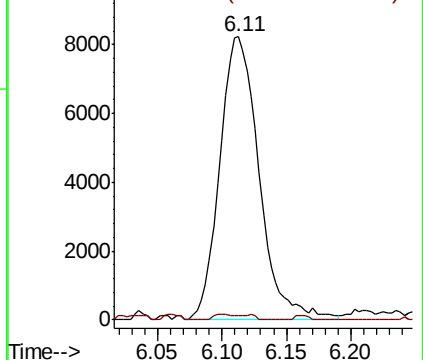
63 100

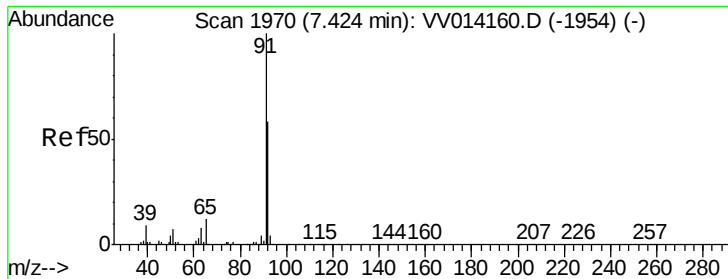
112 0.5 4.0 6.0#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V





#42

Toluene

Concen: 0.172 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VV014165.D

Acq: 23 Dec 2019 18:19

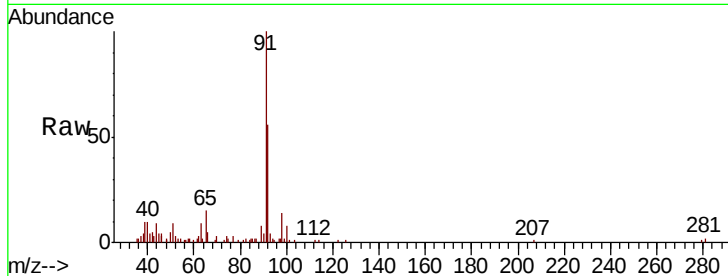
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 17078

Ion Ratio Lower Upper

91 100

92 55.6 41.2 76.6



Abundance Ion 91.15 (90.85 to 91.85): VV014160.D (-1954) (-)

Ion 92.15 (91.85 to 92.85): VV014160.D (-1954) (-)

7.43

10000

8000

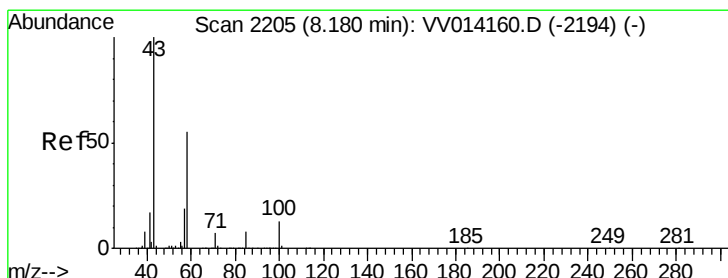
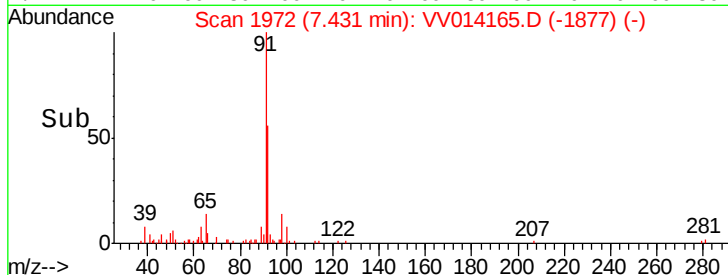
6000

4000

2000

0

Time-->



#48

2-Hexanone

Concen: 2.776 ug/L

RT: 8.13 min Scan# 2190

Delta R.T. -0.05 min

Lab File: VV014165.D

Acq: 23 Dec 2019 18:19

Tgt Ion: 43 Resp: 25814

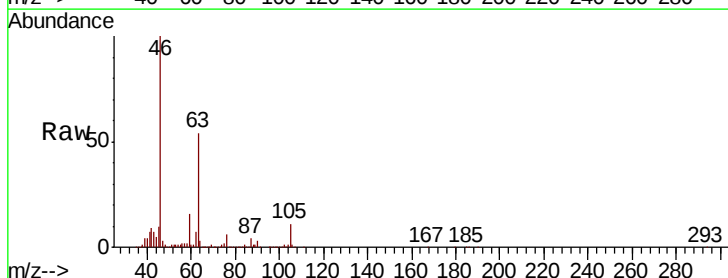
Ion Ratio Lower Upper

43 100

58 40.7 43.2 64.8#

57 32.4 14.8 22.2#

100 2.7 9.7 14.5#



Abundance Ion 43.05 (42.75 to 43.75): VV014160.D (-2194) (-)

Ion 58.05 (57.75 to 58.75): VV014160.D (-2194) (-)

Ion 57.20 (56.90 to 57.90): VV014160.D (-2194) (-)

Ion 100.15 (99.85 to 100.85): VV014160.D (-2194) (-)

20000

15000

10000

5000

0

Time-->

