

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122319\
 Data File : VV014163.D
 Acq On : 23 Dec 2019 17:31
 Operator : SY/MD
 Sample : K6404-07
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 24 01:37:11 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	376714	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	355007	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	170310	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	135987	5.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.60%
7) Chloroethane-d5	1.59	69	117958	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.13	63	178822	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.20%
20) 2-Butanone-d5	3.92	46	275884	54.10	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.20%
24) Chloroform-d	4.40	84	251872	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.08	65	123105	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.10	84	509171	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
36) 1,2-Dichloropropane-d6	6.12	67	152662	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	7.36	98	411849	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	7.66	79	53155	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.13	63	177378	44.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.78%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	99834	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	159612	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

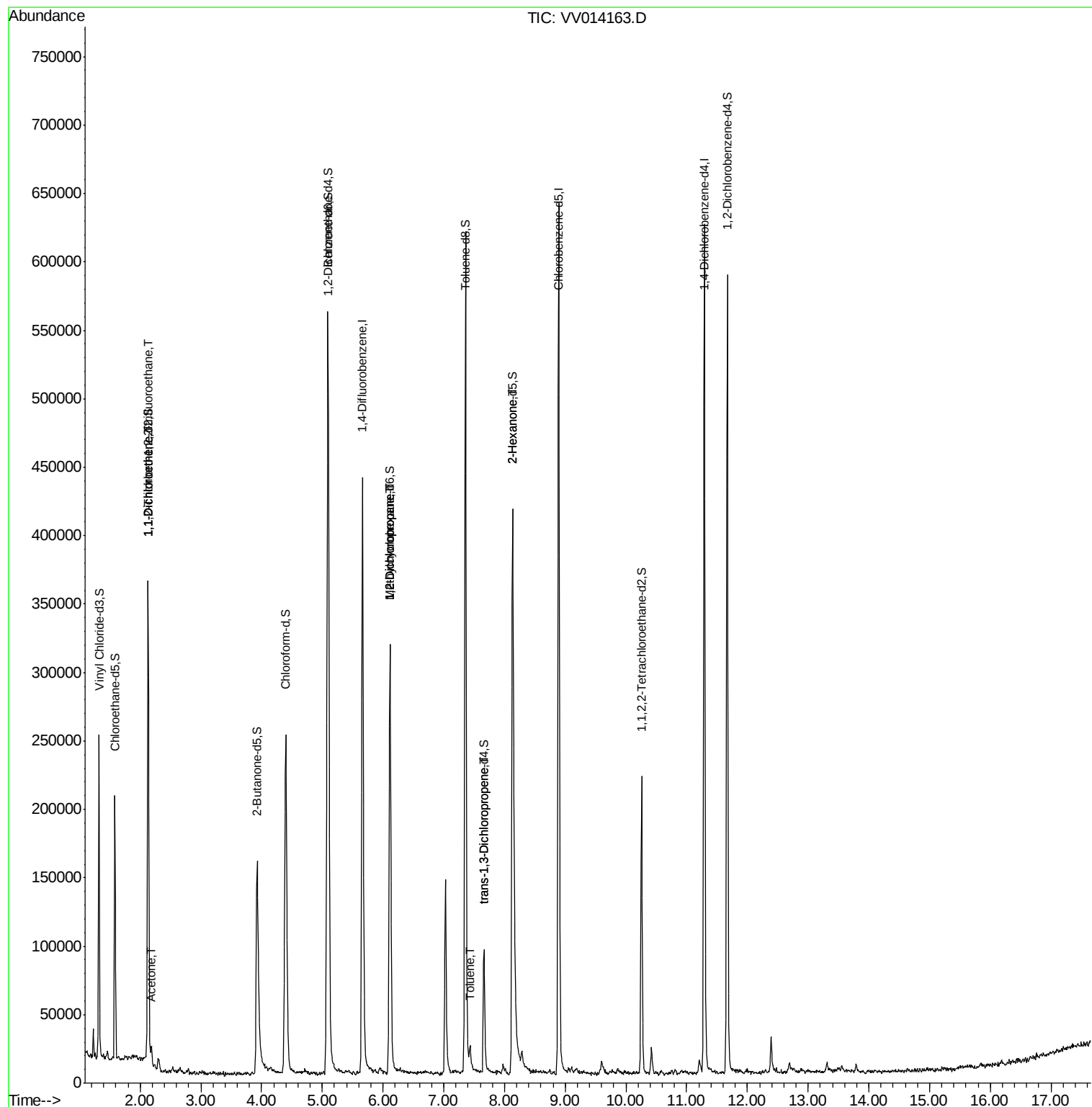
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1926	0.087 ug/L #	28
12) 1,1-Dichloroethene	2.14	96	1854	0.085 ug/L #	1
13) Acetone	2.19	43	7695	1.853 ug/L	93
35) Methylcyclohexane	6.12	83	37817	0.966 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	17542	0.710 ug/L #	87
42) Toluene	7.43	91	10017	0.096 ug/L	98
44) trans-1,3-Dichloropropene	7.66	75	2898	0.106 ug/L	89
48) 2-Hexanone	8.13	43	23572	2.396 ug/L #	37

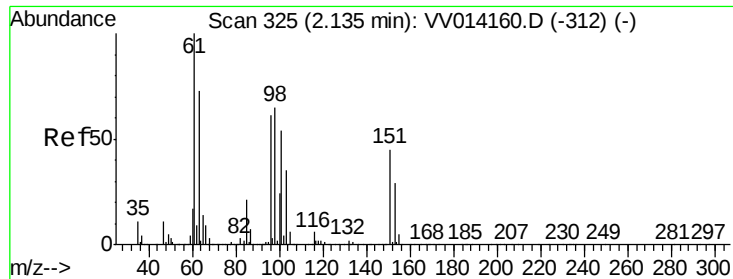
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.087 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV014163.D

Acq: 23 Dec 2019 17:31

Instrument :

MSVOA_V

ClientSampleId :

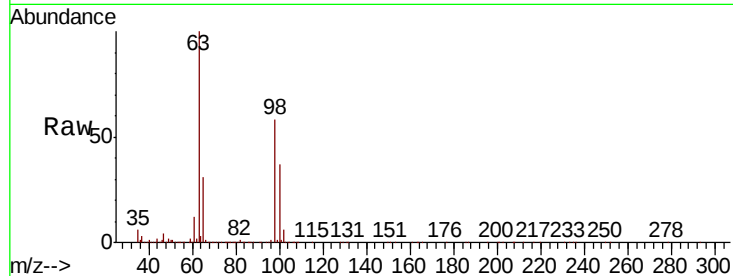
Tot Ion:101 Resp: 1926

Ion Ratio Lower Upper

101 100

85 7.1 34.7 52.1#

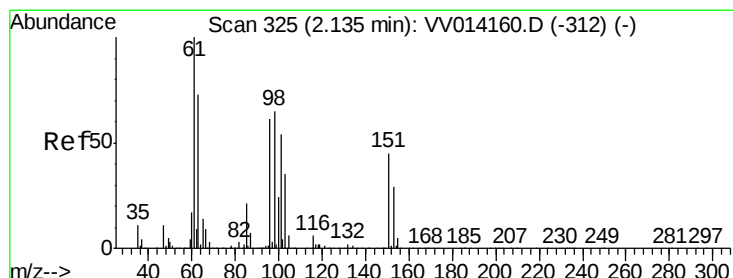
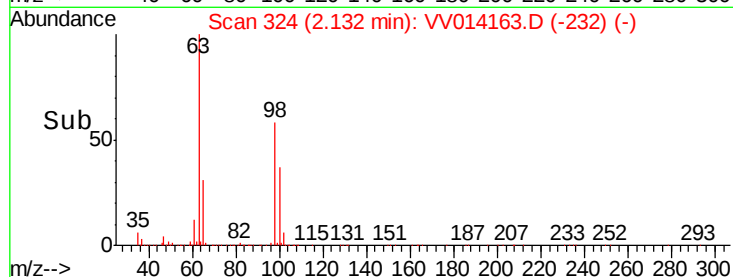
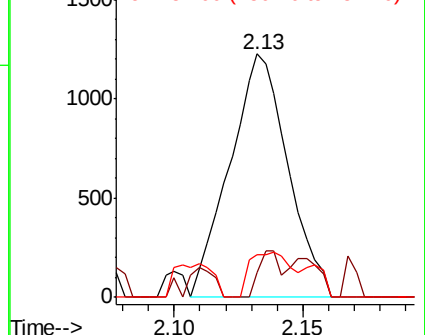
151 13.4 69.1 103.7#



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: 0.085 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV014163.D

Acq: 23 Dec 2019 17:31

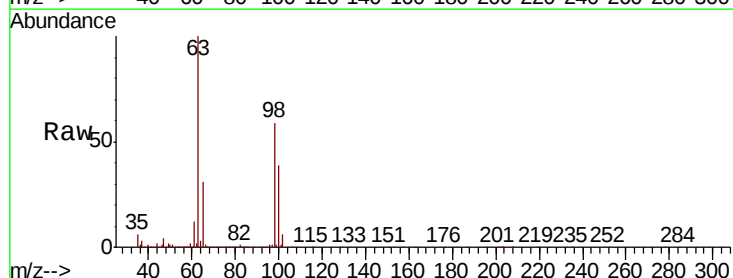
Tgt Ion: 96 Resp: 1854

Ion Ratio Lower Upper

96 100

61 1147.2 115.8 215.2#

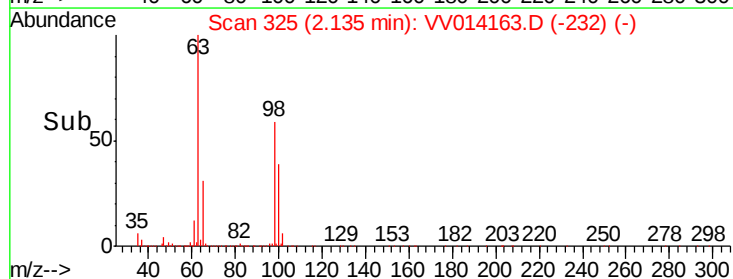
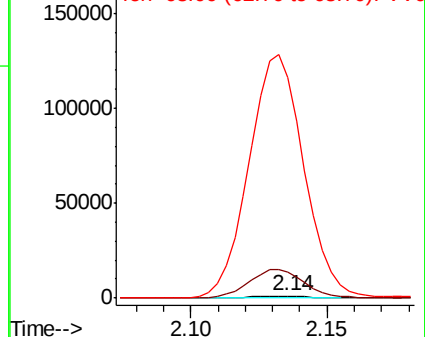
63 9607.9 79.9 148.3#

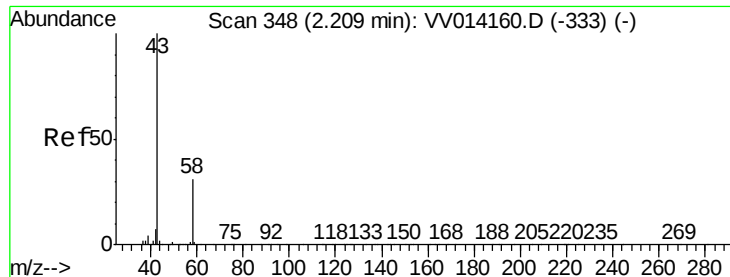


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 1.853 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.02 min

Lab File: VV014163.D

Acq: 23 Dec 2019 17:31

Instrument :

MSVOA_V

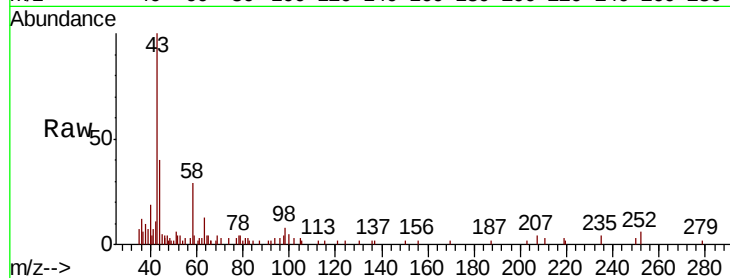
ClientSampleId :

Tot Ion: 43 Resp: 7695

Ion Ratio Lower Upper

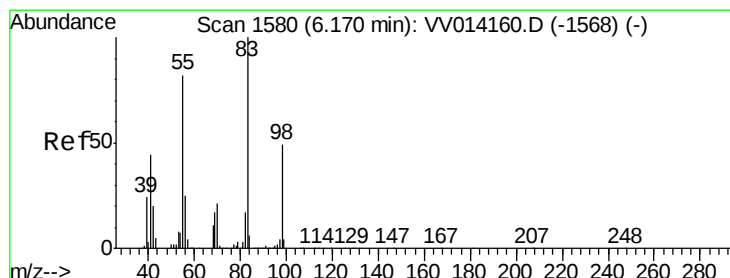
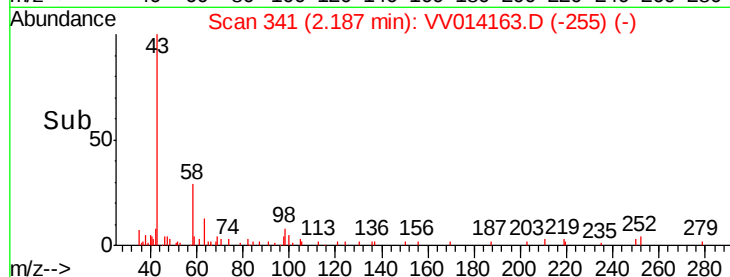
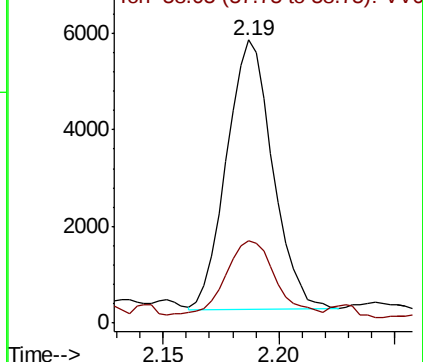
43 100

58 33.4 0.0 58.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#35

Methylcyclohexane

Concen: 0.966 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV014163.D

Acq: 23 Dec 2019 17:31

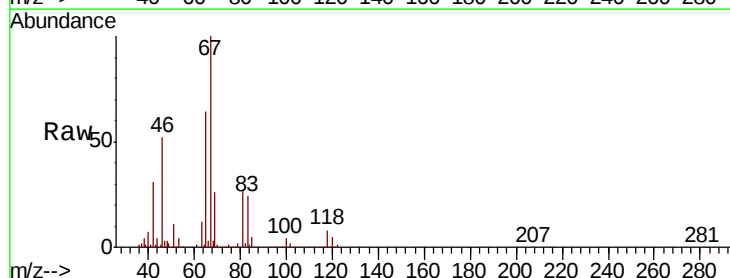
Tgt Ion: 83 Resp: 37817

Ion Ratio Lower Upper

83 100

55 0.3 65.3 97.9#

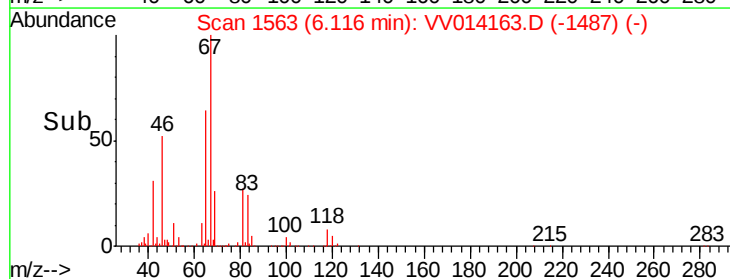
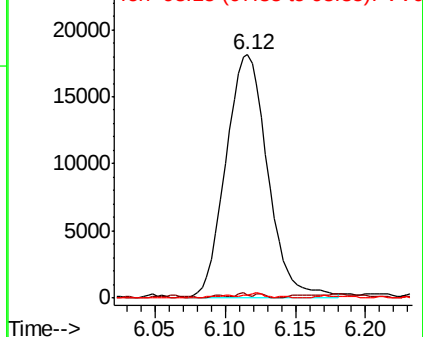
98 0.0 39.2 58.8#

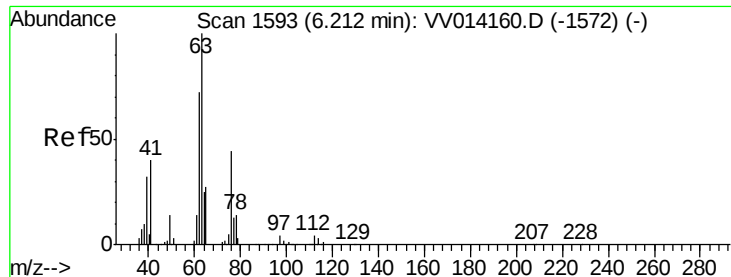


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.710 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV014163.D

Acq: 23 Dec 2019 17:31

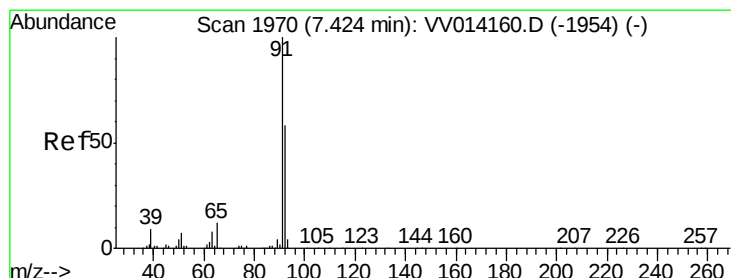
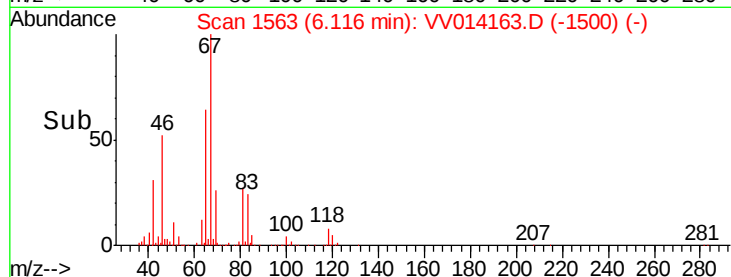
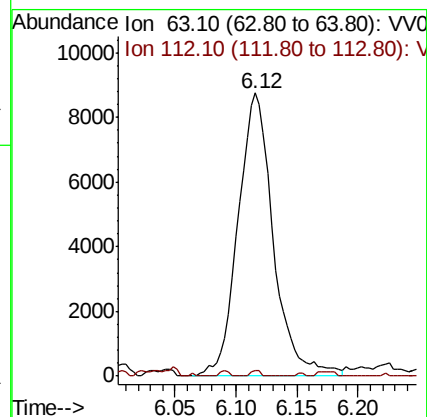
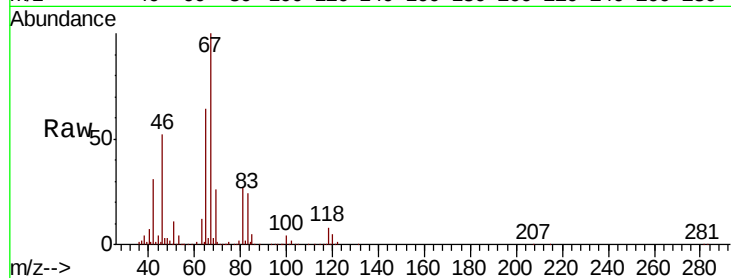
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 63 Resp: 17542

Ion Ratio Lower Upper

63 100

112 0.5 4.0 6.0#



#42

Toluene

Concen: 0.096 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VV014163.D

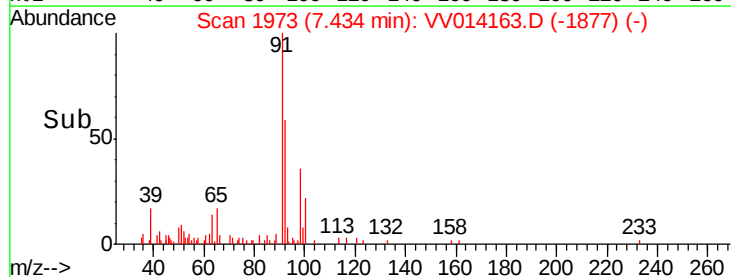
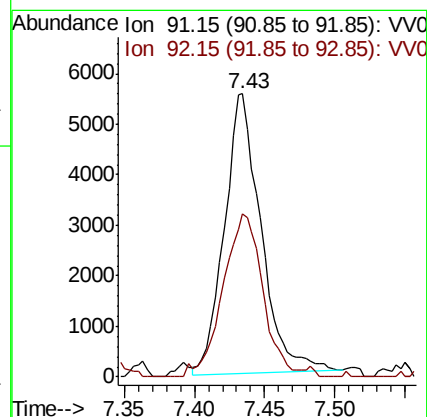
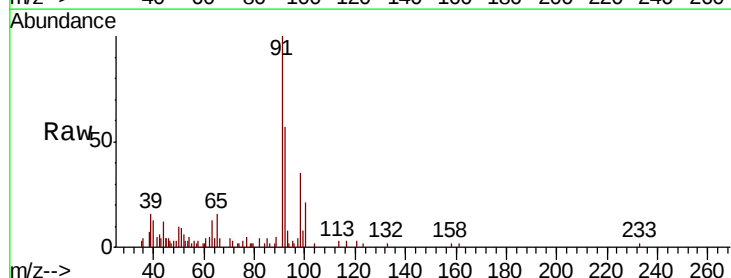
Acq: 23 Dec 2019 17:31

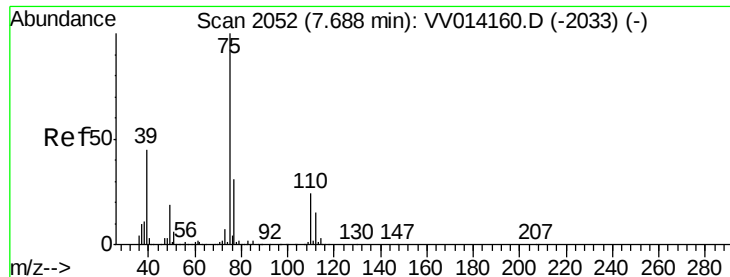
Tgt Ion: 91 Resp: 10017

Ion Ratio Lower Upper

91 100

92 57.4 41.2 76.6





#44

trans-1,3-Dichloropropene

Concen: 0.106 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV014163.D

Acq: 23 Dec 2019 17:31

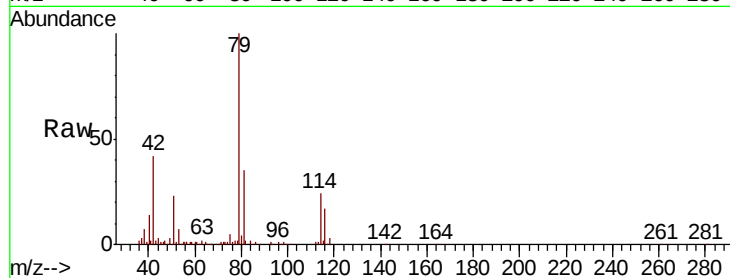
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 2898

Ion Ratio Lower Upper

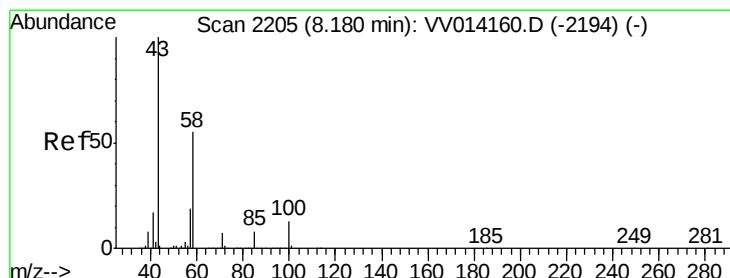
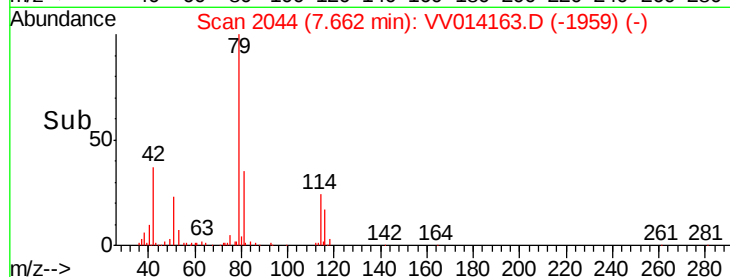
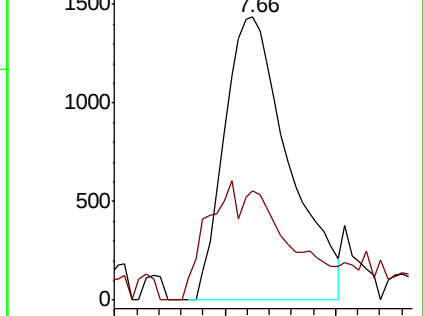
75 100

77 38.5 22.8 42.4



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 2.396 ug/L

RT: 8.13 min Scan# 2190

Delta R.T. -0.05 min

Lab File: VV014163.D

Acq: 23 Dec 2019 17:31

Tgt Ion: 43 Resp: 23572

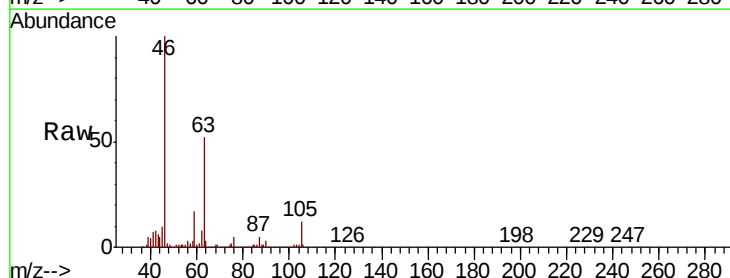
Ion Ratio Lower Upper

43 100

58 0.0 43.2 64.8#

57 41.9 14.8 22.2#

100 3.3 9.7 14.5#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

