

Data File : VV012842.D
Acq On : 16 Sep 2019 17:50
Operator : SY/MD
Sample : K4780-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0BN7RE

Quant Time: Sep 17 07:25:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 17 07:22:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	376887	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	380274	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	142800	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	160774	6.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	123.20%
7) Chloroethane-d5	1.58	69	143791	7.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	140.60%#
11) 1,1-Dichloroethene-d2	2.13	63	201734	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.40%
20) 2-Butanone-d5	3.98	46	413264	114.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	229.08%#
24) Chloroform-d	4.40	84	287165	7.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	140.00%#
26) 1,2-Dichloroethane-d4	5.08	65	154260	8.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	163.40%#
32) Benzene-d6	5.09	84	568401	6.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	136.80%#
36) 1,2-Dichloropropane-d6	6.12	67	181707	7.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	143.80%#
41) Toluene-d8	7.36	98	447976	6.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.20%
43) trans-1,3-Dichloropropene-	7.66	79	57886	7.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	141.80%#
46) 2-Hexanone-d5	8.14	63	206784	90.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	180.60%#
57) 1,1,2,2-Tetrachloroethane-	10.26	84	108857	7.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	156.60%#
64) 1,2-Dichlorobenzene-d4	11.67	152	160869	8.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	162.40%#

Target Compounds

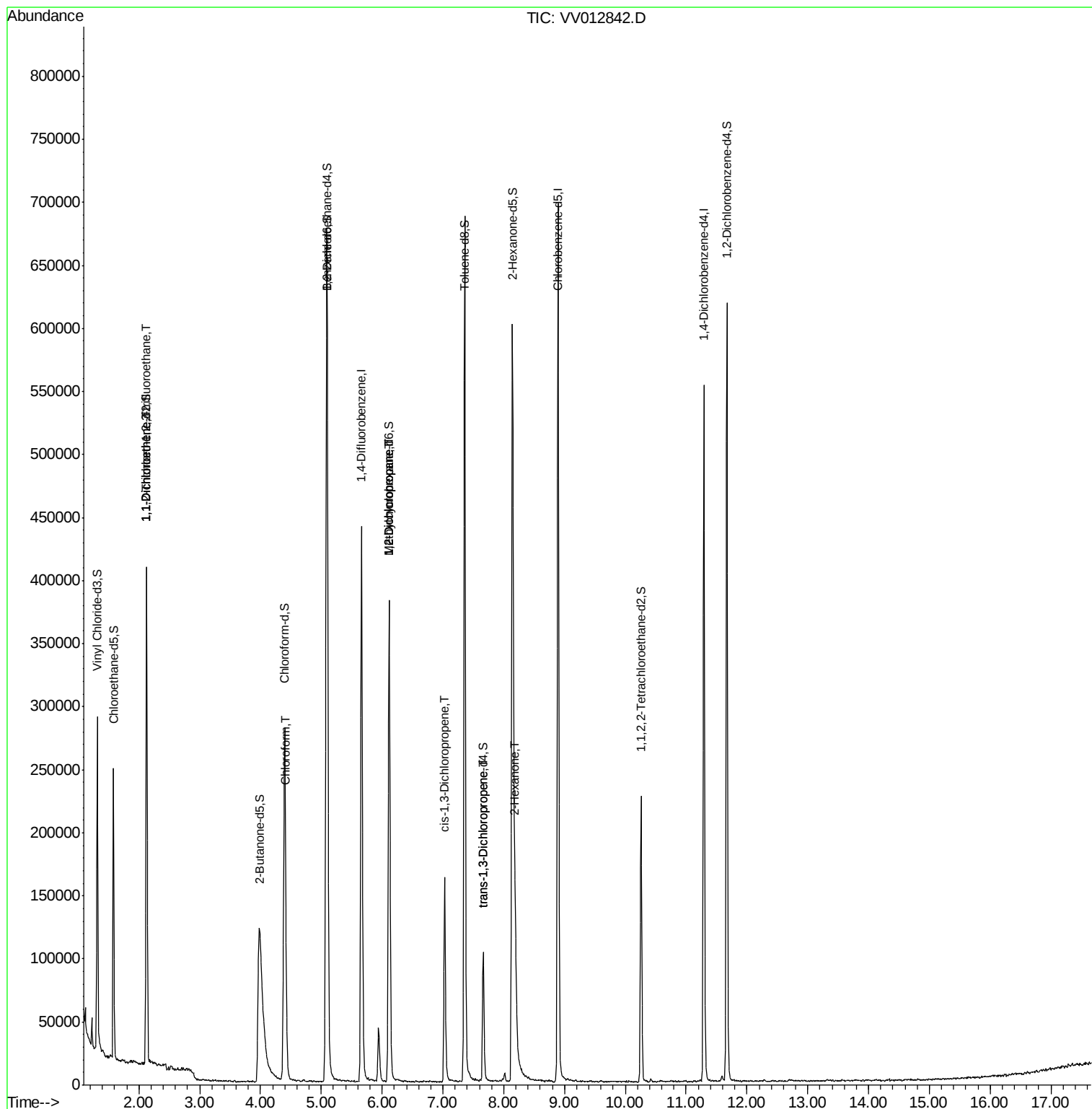
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2018	0.090	ug/L #	23
12) 1,1-Dichloroethene	2.13	96	1888	0.092	ug/L #	1
25) Chloroform	4.42	83	11025	0.213	ug/L	96
35) Methylcyclohexane	6.12	83	43916	1.303	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	19785	0.765	ug/L #	85
39) cis-1,3-Dichloropropene	7.03	75	3999	0.125	ug/L #	75
44) trans-1,3-Dichloropropene	7.67	75	2319	0.091	ug/L #	77
48) 2-Hexanone	8.19	43	77998	7.157	ug/L #	86

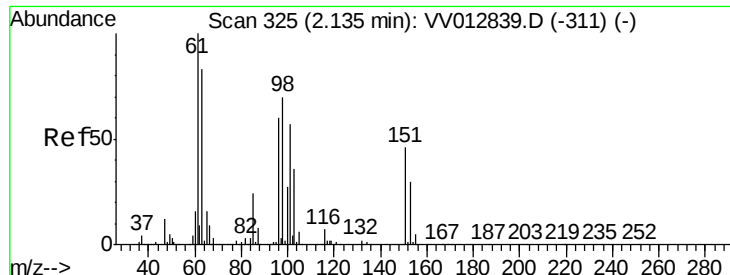
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.090 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012842.D

Acq: 16 Sep 2019 17:50

Instrument :

MSVOA_V

ClientSampleId :

H0BN7RE

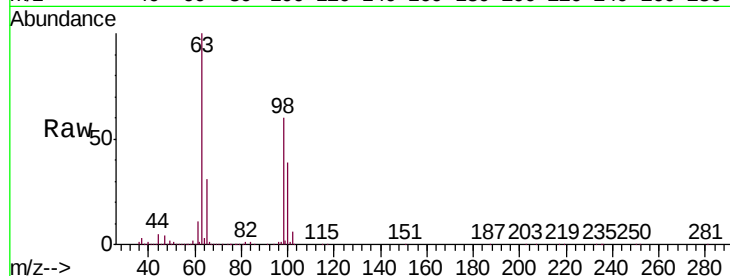
Tgt Ion: 101 Resp: 2018

Ion Ratio Lower Upper

101 100

85 2.3 32.9 49.3#

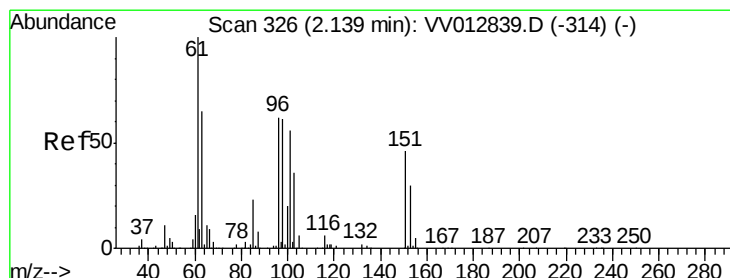
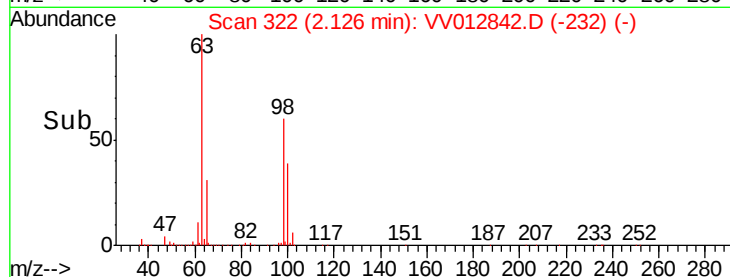
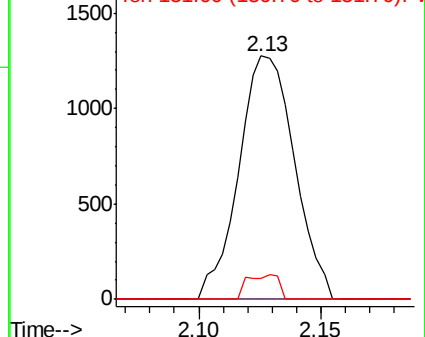
151 5.6 65.0 97.6#



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: 0.092 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012842.D

Acq: 16 Sep 2019 17:50

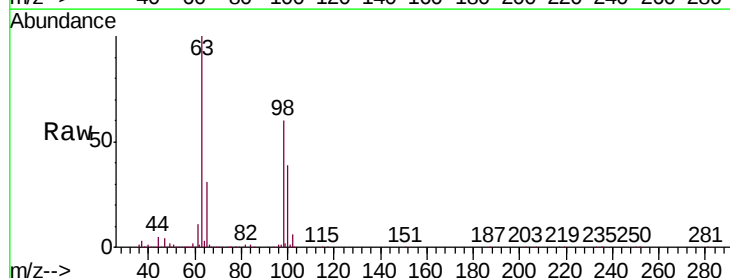
Tgt Ion: 96 Resp: 1888

Ion Ratio Lower Upper

96 100

61 1313.1 120.1 223.1#

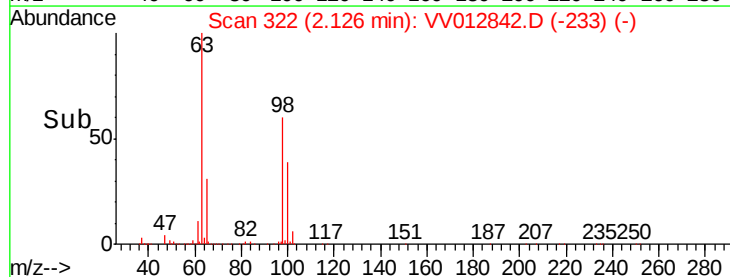
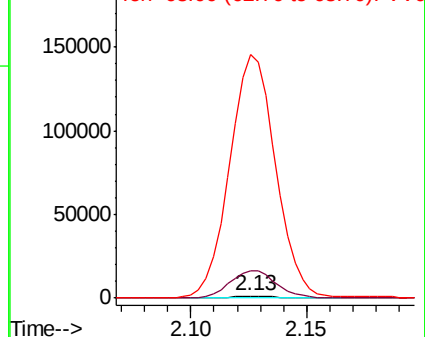
63 11591.4 88.3 164.1#

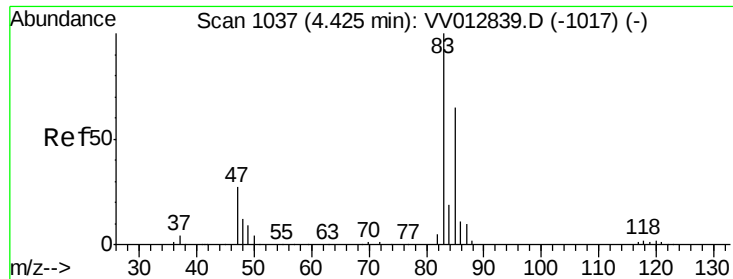


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

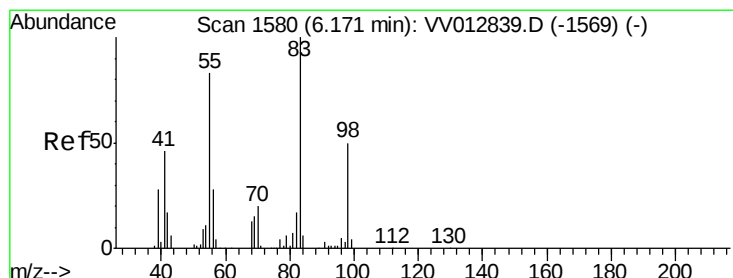
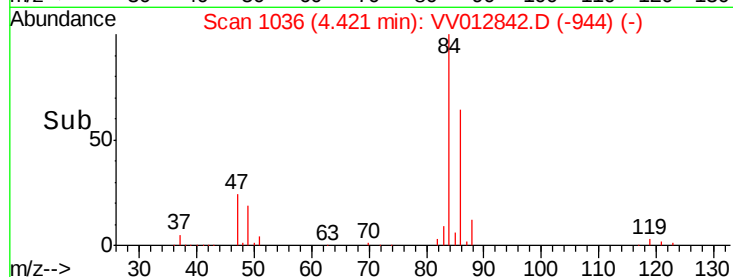
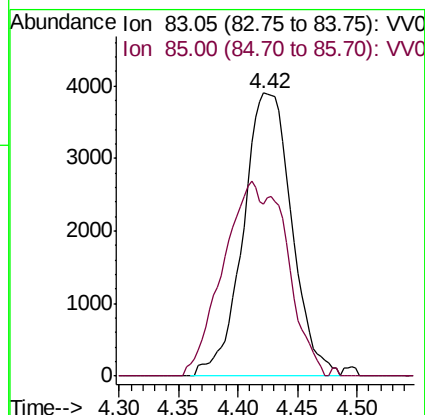
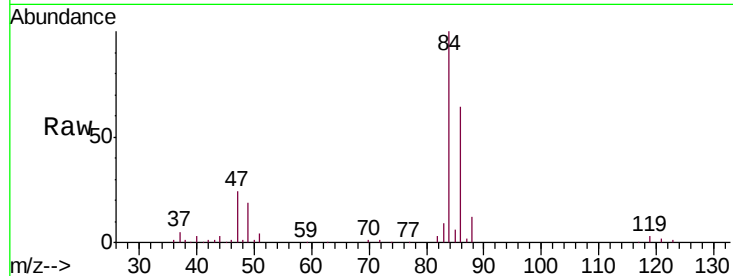




#25
Chloroform
Concen: 0.213 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV012842.D
Acq: 16 Sep 2019 17:50

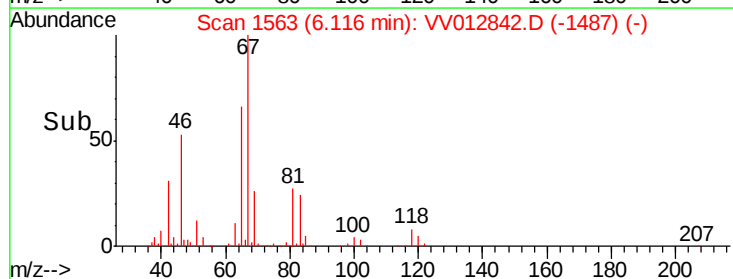
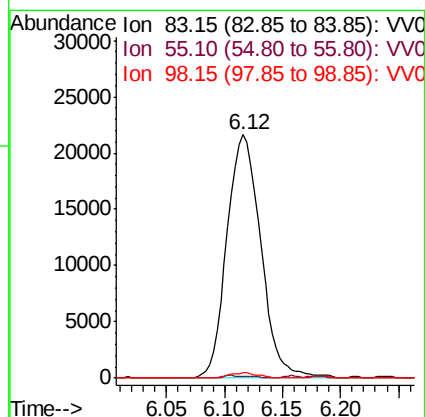
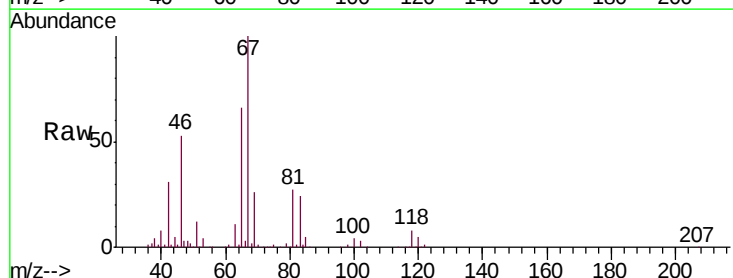
Instrument :
MSVOA_V
ClientSampleId :
H0BN7RE

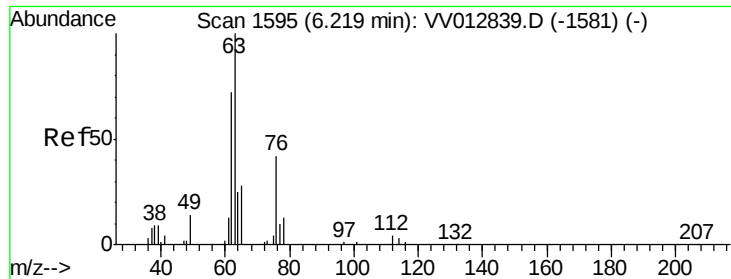
Tgt Ion: 83 Resp: 11025
Ion Ratio Lower Upper
83 100
85 60.7 44.4 82.5



#35
Methylcyclohexane
Concen: 1.303 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV012842.D
Acq: 16 Sep 2019 17:50

Tgt Ion: 83 Resp: 43916
Ion Ratio Lower Upper
83 100
55 0.4 65.4 98.2#
98 1.8 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.765 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV012842.D

Acq: 16 Sep 2019 17:50

Instrument :

MSVOA_V

ClientSampled :

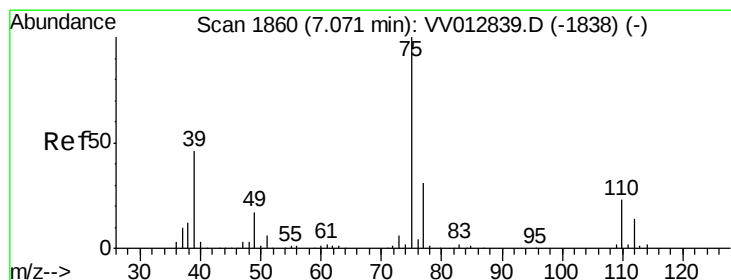
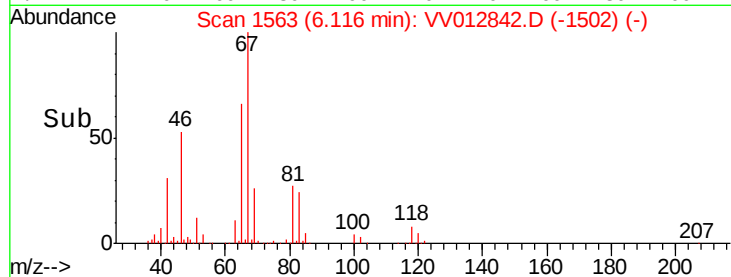
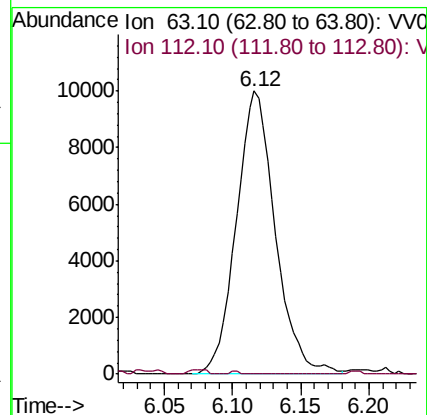
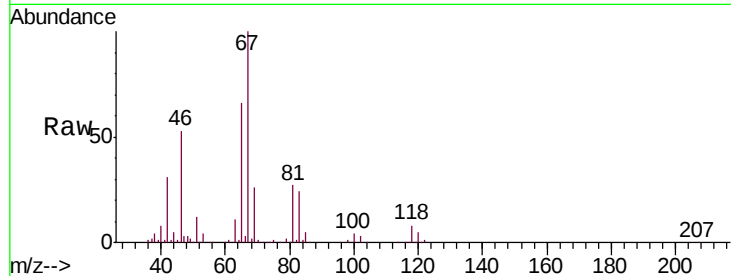
H0BN7RE

Tgt Ion: 63 Resp: 19785

Ion Ratio Lower Upper

63 100

112 0.2 4.2 6.2#



#39

cis-1,3-Dichloropropene

Concen: 0.125 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV012842.D

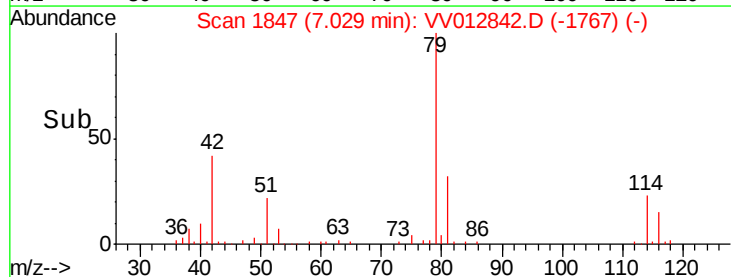
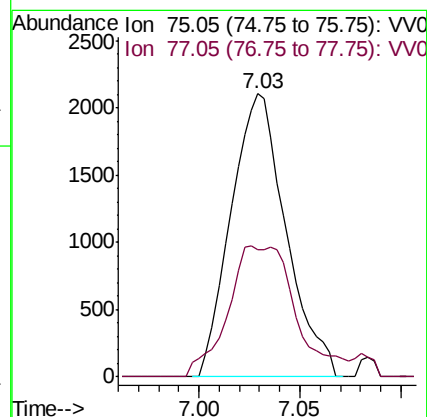
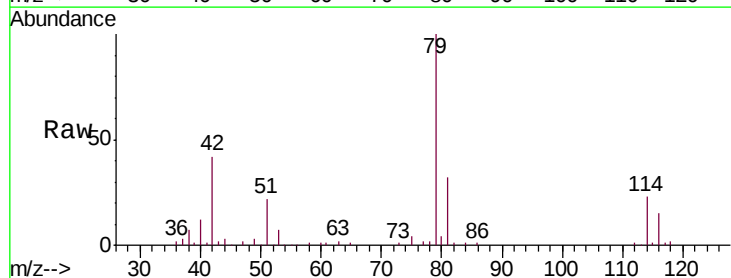
Acq: 16 Sep 2019 17:50

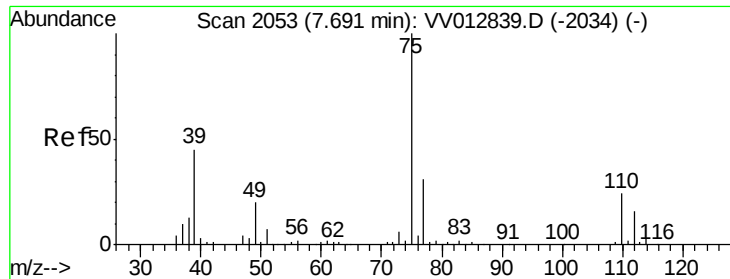
Tgt Ion: 75 Resp: 3999

Ion Ratio Lower Upper

75 100

77 44.8 21.8 40.6#





#44

trans-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV012842.D

Acq: 16 Sep 2019 17:50

Instrument :

MSVOA_V

ClientSampleId :

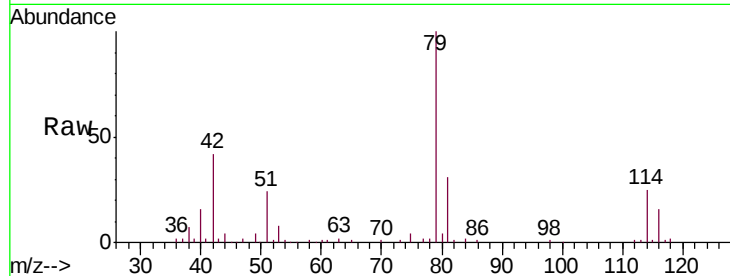
H0BN7RE

Tgt Ion: 75 Resp: 2319

Ion Ratio Lower Upper

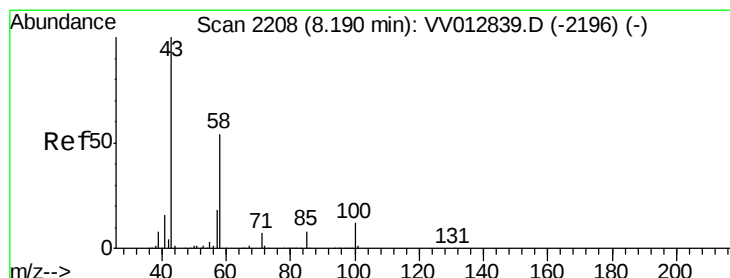
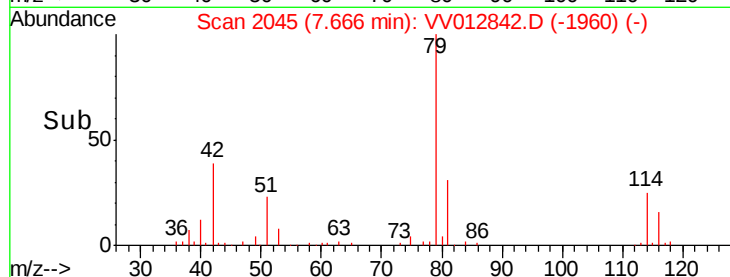
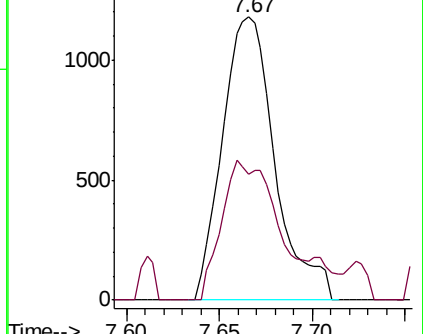
75 100

77 44.6 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 7.157 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VV012842.D

Acq: 16 Sep 2019 17:50

Tgt Ion: 43 Resp: 77998

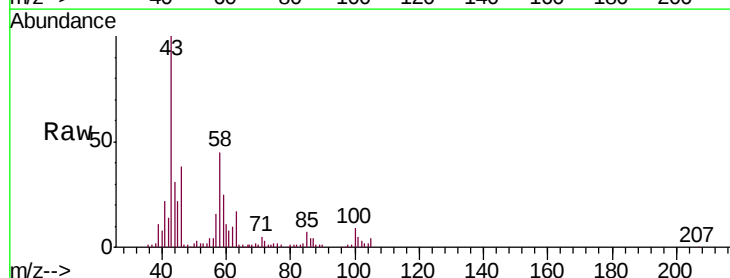
Ion Ratio Lower Upper

43 100

58 42.8 44.8 67.2#

57 15.9 15.0 22.6

100 8.7 8.8 13.2#



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

