

Data File : VV013478.D
Acq On : 04 Nov 2019 16:40
Operator : SY/MD
Sample : K5635-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Nov 05 07:20:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR103119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 05 07:17:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	337897	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	354995	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	179024	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	129628	5.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.20%
7) Chloroethane-d5	1.58	69	112357	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.40%
11) 1,1-Dichloroethene-d2	2.13	63	179244	4.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.60%
20) 2-Butanone-d5	3.96	46	382275	49.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.10%
24) Chloroform-d	4.40	84	301032	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.08	65	162357	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.09	84	613816	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
36) 1,2-Dichloropropane-d6	6.11	67	191790	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.35	98	512064	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	7.66	79	66068	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.13	63	211425	38.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.86%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	120660	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	198799	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2018	0.079 ug/L #	22
12) 1,1-Dichloroethene	2.13	96	2146	0.090 ug/L #	1
16) Methylene chloride	2.53	84	5360	0.149 ug/L	96
25) Chloroform	4.42	83	17937	0.282 ug/L	97
35) Methylcyclohexane	6.11	83	46537	0.876 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	21401	0.677 ug/L #	91
48) 2-Hexanone	8.19	43	35710	2.448 ug/L	90

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

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Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

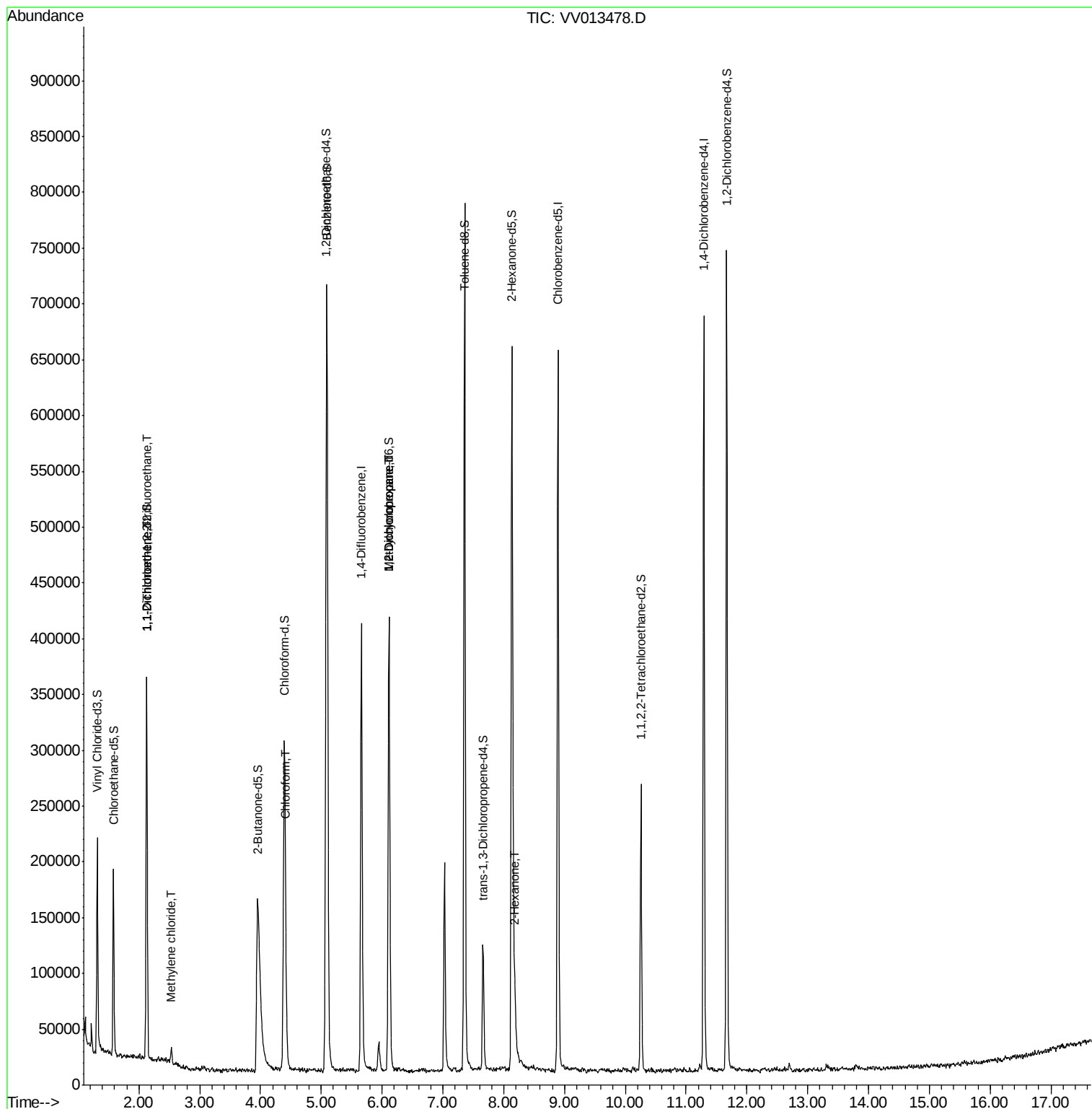
Quant Time: Nov 05 07:20:19 2019

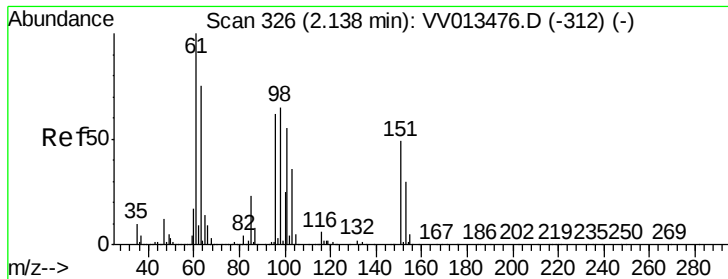
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\SOMVTR103119WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Tue Nov 05 07:17:32 2019

Response via : Initial Calibration





#10

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

Concen: 0.079 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV013478.D

Acq: 04 Nov 2019 16:40

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

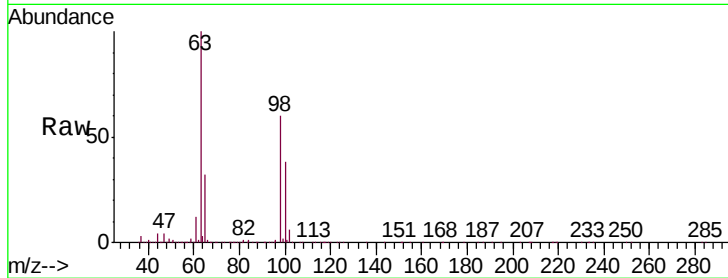
Tgt Ion:101 Resp: 2018

Ion Ratio Lower Upper

101 100

85 3.4 33.1 49.7#

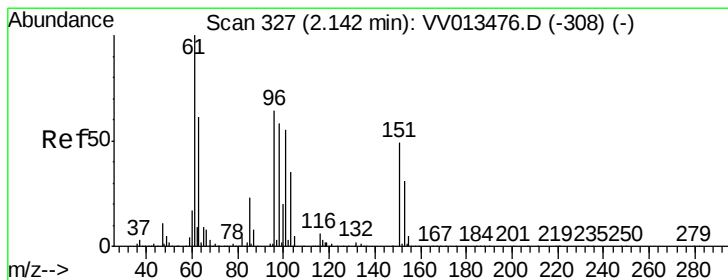
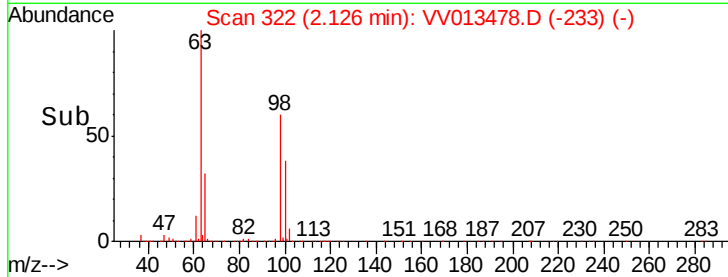
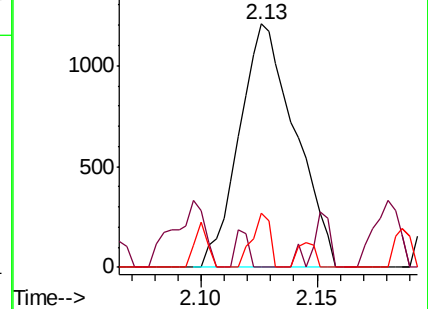
151 7.1 68.8 103.2#



Abundance Ion 101.00 (100.70 to 101.70): VV013478.D (-233) (-)

Ion 85.00 (84.70 to 85.70): VV013478.D (-233) (-)

Ion 151.00 (150.70 to 151.70): VV013478.D (-233) (-)



#12

1,1-Dichloroethene

Concen: 0.090 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.02 min

Lab File: VV013478.D

Acq: 04 Nov 2019 16:40

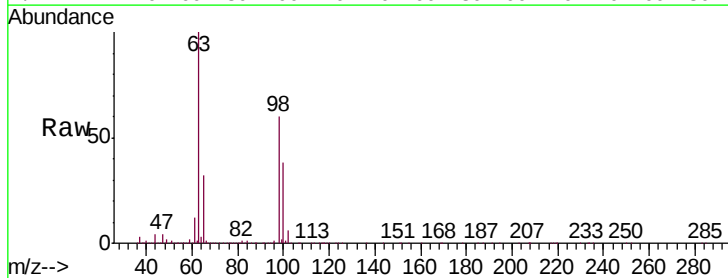
Tgt Ion: 96 Resp: 2146

Ion Ratio Lower Upper

96 100

61 1193.1 117.1 217.5#

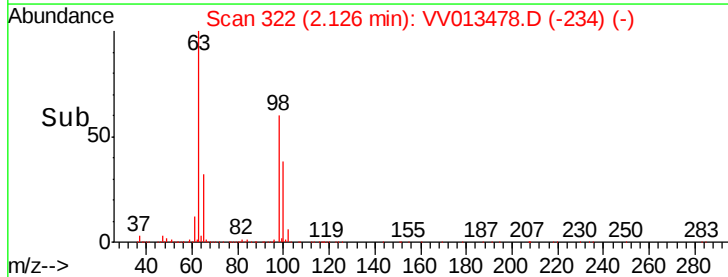
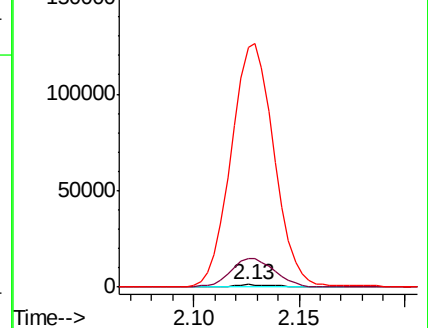
63 9882.2 84.1 156.3#

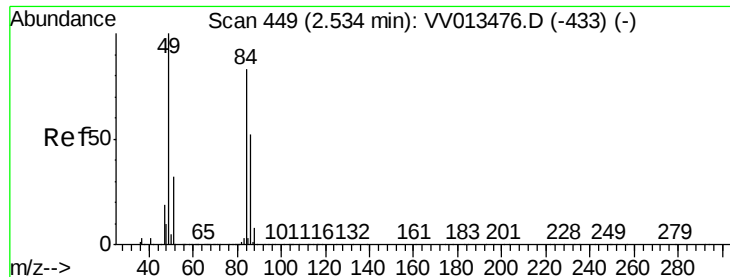


Abundance Ion 96.00 (95.70 to 96.70): VV013478.D (-234) (-)

Ion 61.05 (60.75 to 61.75): VV013478.D (-234) (-)

Ion 63.00 (62.70 to 63.70): VV013478.D (-234) (-)

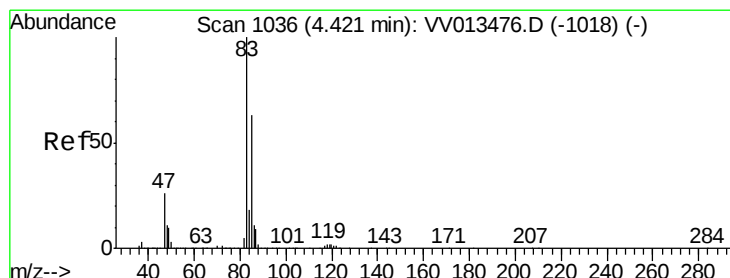
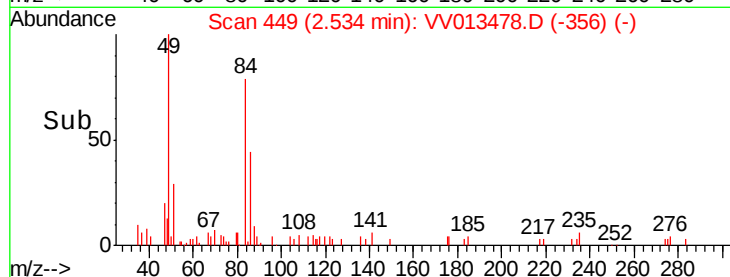
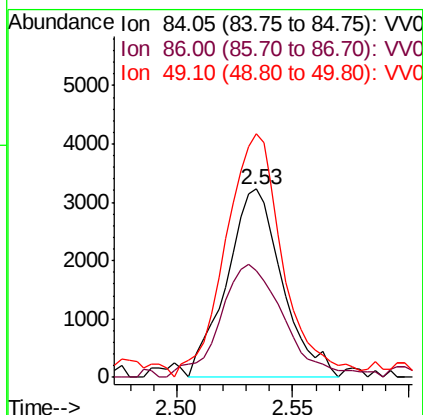
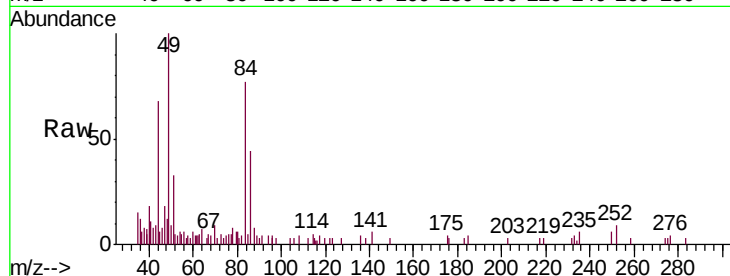




#16
Methylene chloride
Concen: 0.149 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV013478.D
Acq: 04 Nov 2019 16:40

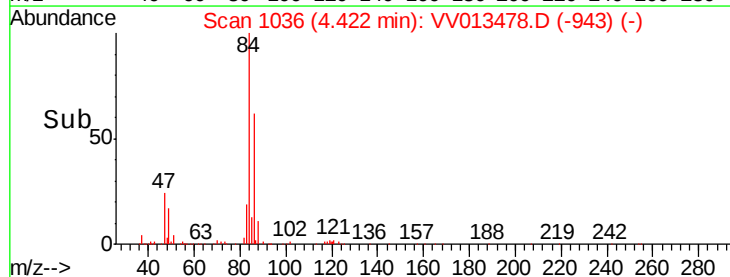
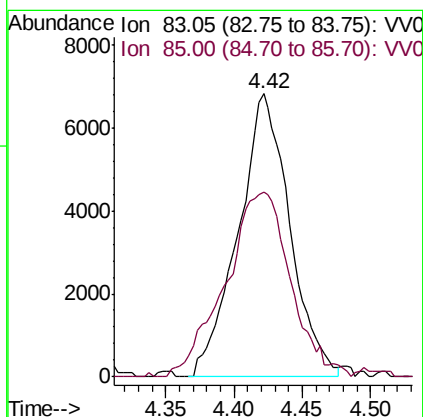
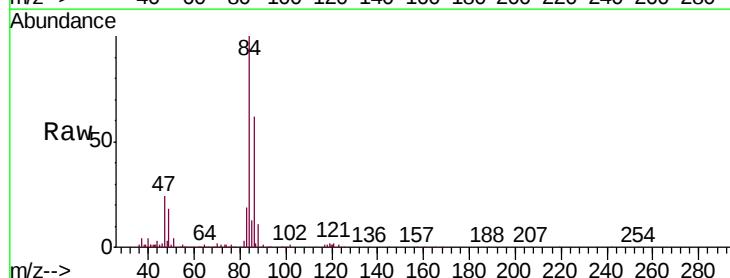
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

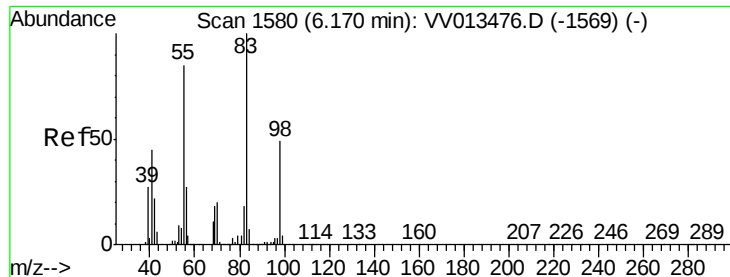
Tgt Ion: 84 Resp: 5360
Ion Ratio Lower Upper
84 100
86 56.4 45.3 84.1
49 129.4 90.4 168.0



#25
Chloroform
Concen: 0.282 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV013478.D
Acq: 04 Nov 2019 16:40

Tgt Ion: 83 Resp: 17937
Ion Ratio Lower Upper
83 100
85 65.2 44.1 81.9

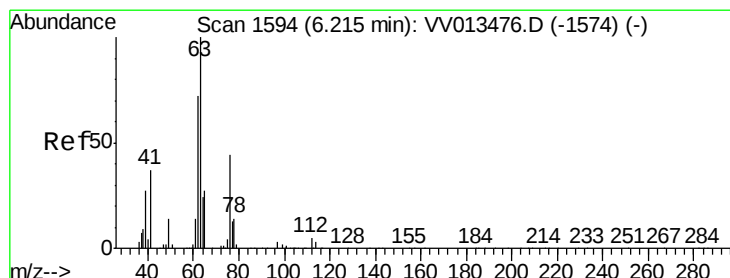
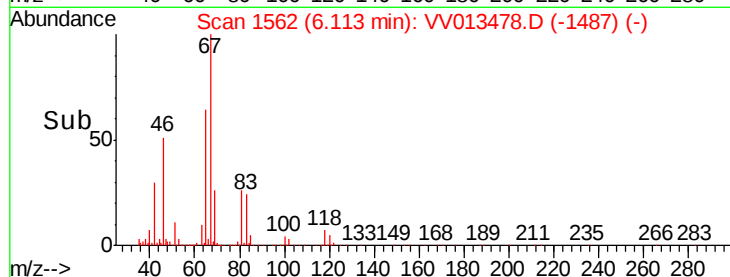
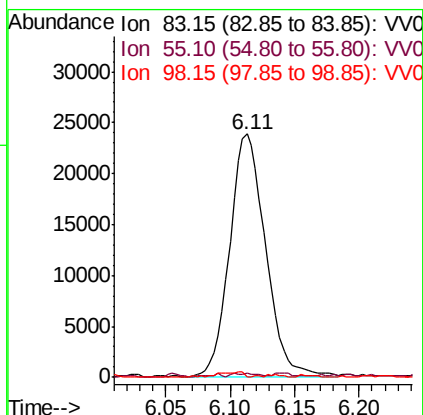
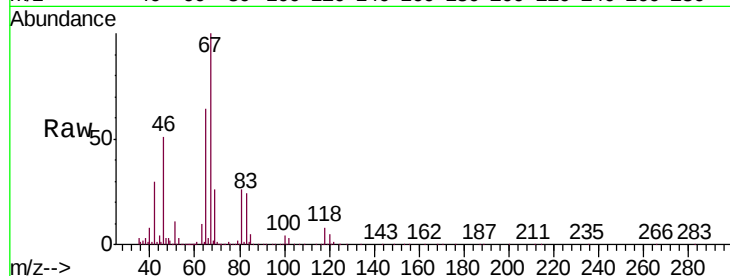




#35
Methylcyclohexane
Concen: 0.876 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV013478.D
Acq: 04 Nov 2019 16:40

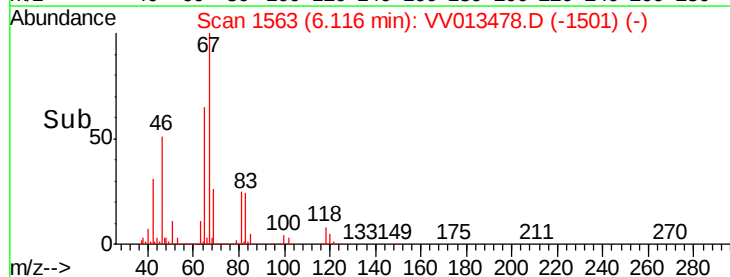
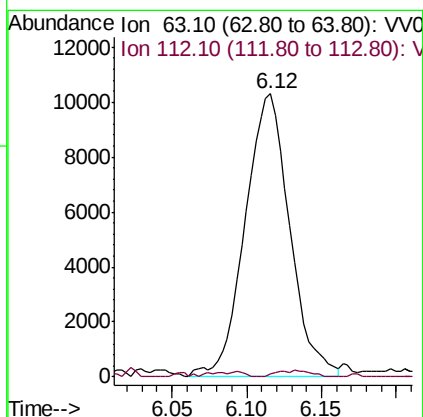
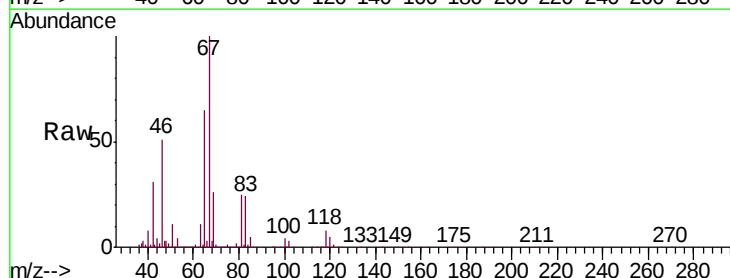
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

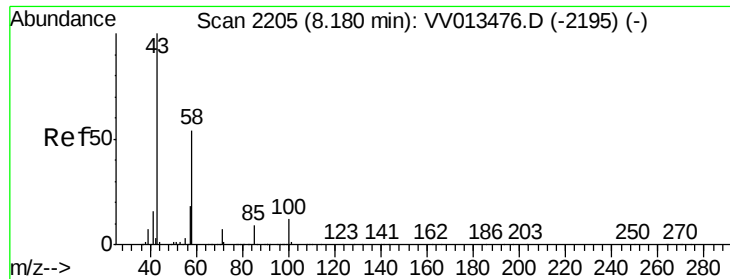
Tgt Ion: 83 Resp: 46537
Ion Ratio Lower Upper
83 100
55 0.5 64.6 96.8#
98 0.6 39.1 58.7#



#37
1,2-Dichloropropane
Concen: 0.677 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV013478.D
Acq: 04 Nov 2019 16:40

Tgt Ion: 63 Resp: 21401
Ion Ratio Lower Upper
63 100
112 1.7 3.8 5.8#





#48

2-Hexanone

Concen: 2.448 ug/L

RT: 8.19 min Scan# 2207

Delta R.T. 0.01 min

Lab File: VV013478.D

Acq: 04 Nov 2019 16:40

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

Tgt Ion: 43 Resp: 35710

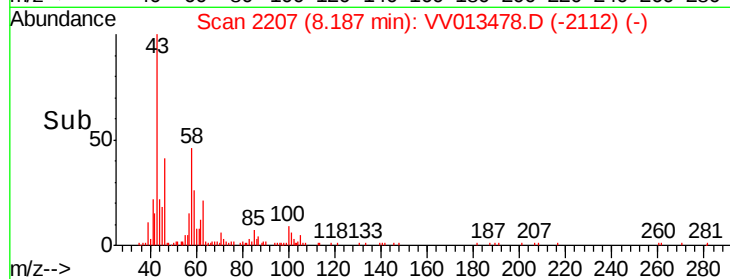
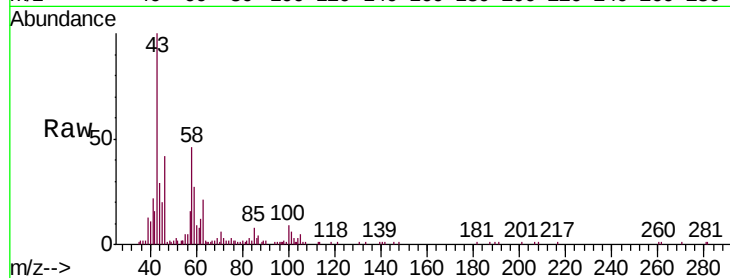
Ion Ratio Lower Upper

43 100

58 42.4 42.2 63.4

57 17.3 14.9 22.3

100 10.5 9.0 13.6



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

