

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102219\
 Data File : VV013274.D
 Acq On : 22 Oct 2019 13:13
 Operator : SY/MD
 Sample : K5321-07
 Misc : 25.00ML/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 23 01:25:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 23 01:23:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	447288	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	495930	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	242308	5.00	ug/L	0.00

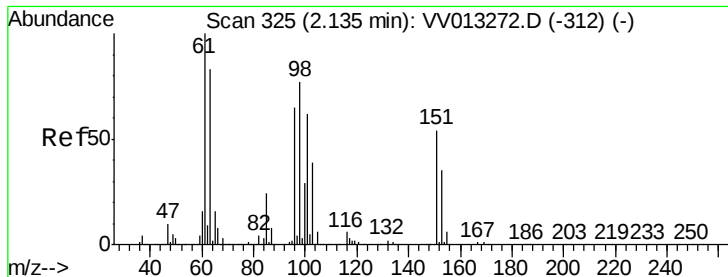
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	192189	5.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.60%
7) Chloroethane-d5	1.58	69	158306	5.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.40%
11) 1,1-Dichloroethene-d2	2.13	63	237663	4.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.00%
20) 2-Butanone-d5	3.95	46	321882	50.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.66%
24) Chloroform-d	4.40	84	398044	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.08	65	190794	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.10	84	803674	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.11	67	240797	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.36	98	639285	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	7.66	79	79464	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.13	63	240644	36.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.86%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	167364	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	256928	5.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.00%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3027	0.082 ug/L #	18
12) 1,1-Dichloroethene	2.13	96	2504	0.071 ug/L #	1
16) Methylene chloride	2.53	84	14589	0.276 ug/L	95
25) Chloroform	4.42	83	13391	0.152 ug/L	94
27) 1,2-Dichloroethane	5.09	62	4645	0.099 ug/L	99
35) Methylcyclohexane	6.11	83	59881	0.766 ug/L #	19
37) 1,2-Dichloropropane	6.11	63	24305	0.528 ug/L #	86
44) trans-1,3-Dichloropropene	7.67	75	3704	0.075 ug/L #	71
48) 2-Hexanone	8.13	43	49046	2.922 ug/L #	75

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



#10

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

Concen: 0.082 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV013274.D

Acq: 22 Oct 2019 13:13

Instrument :

MSVOA_V

ClientSampleId :

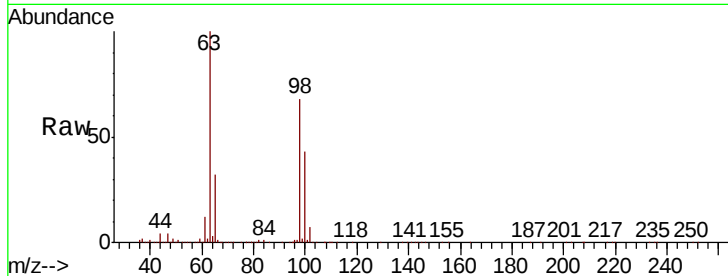
Tot Ion:101 Resp: 3027

Ion Ratio Lower Upper

101 100

85 7.6 31.8 47.8#

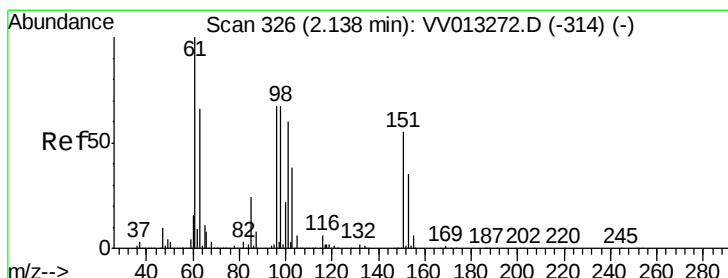
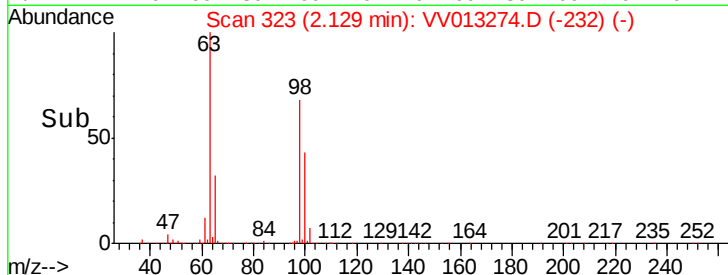
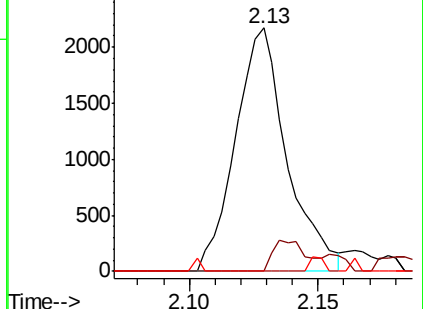
151 0.8 72.9 109.3#



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: 0.071 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV013274.D

Acq: 22 Oct 2019 13:13

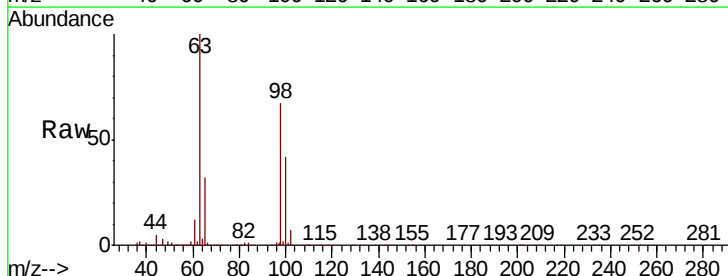
Tgt Ion: 96 Resp: 2504

Ion Ratio Lower Upper

96 100

61 1310.4 104.0 193.1#

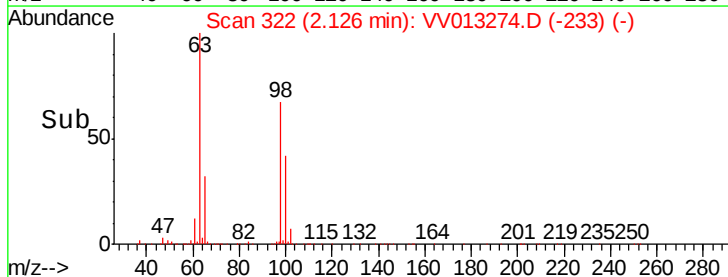
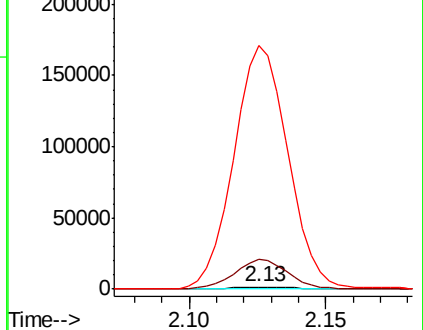
63 10895.1 67.1 124.5#

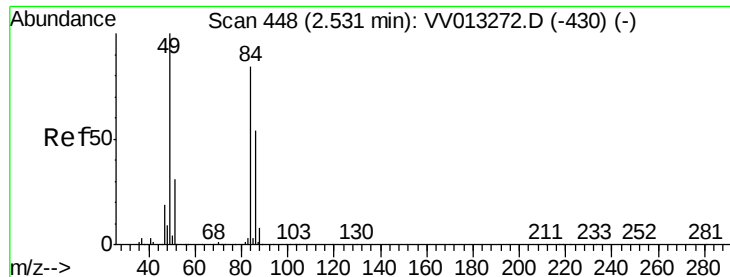


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

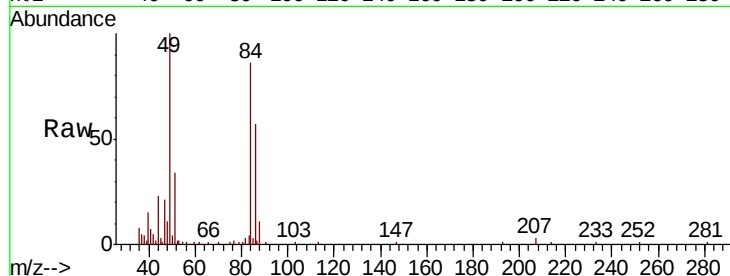




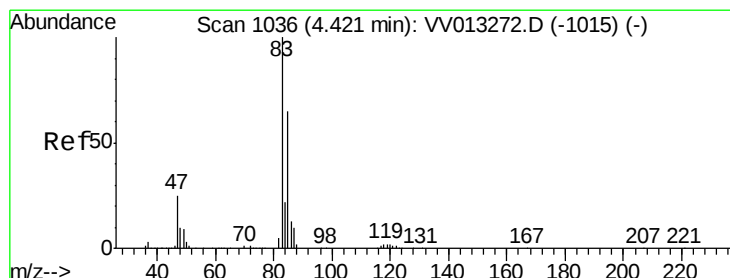
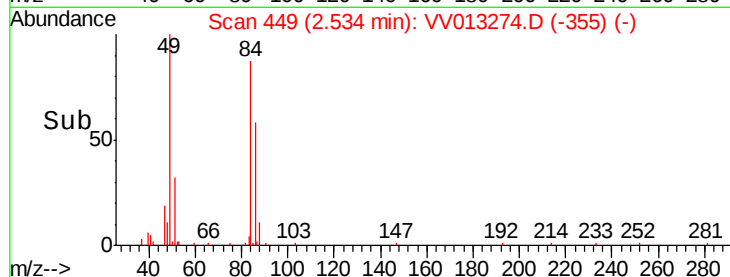
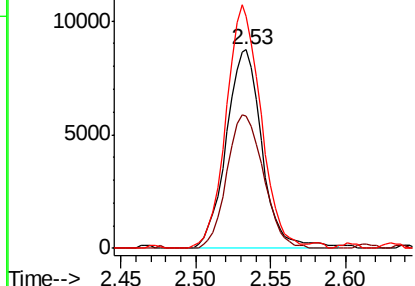
#16
Methvlene chloride
Concen: 0.276 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV013274.D
Acq: 22 Oct 2019 13:13

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 84 Resp: 14589
Ion Ratio Lower Upper
84 100
86 66.5 46.2 85.8
49 116.8 76.4 141.8

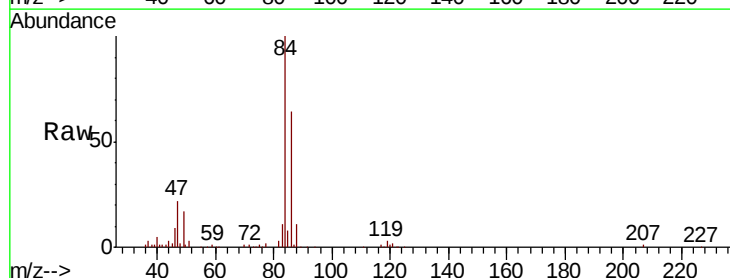


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

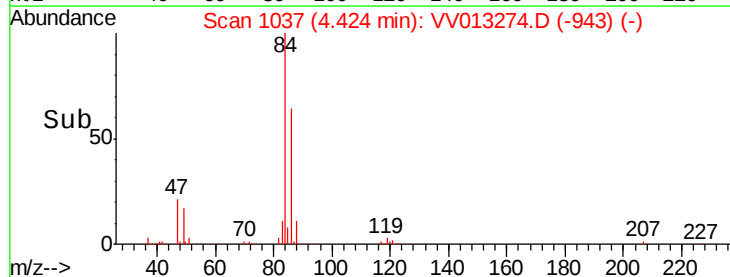
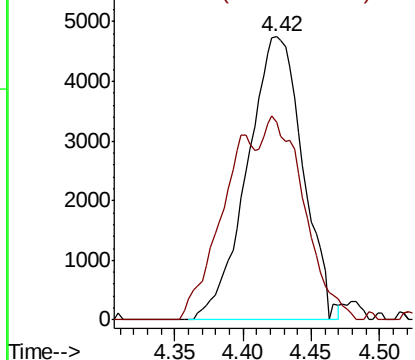


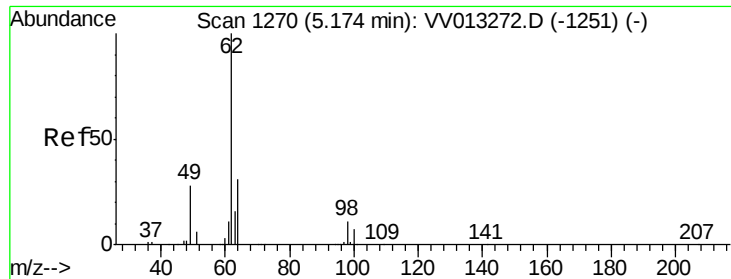
#25
Chloroform
Concen: 0.152 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV013274.D
Acq: 22 Oct 2019 13:13

Tgt Ion: 83 Resp: 13391
Ion Ratio Lower Upper
83 100
85 69.8 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0





#27

1,2-Dichloroethane

Concen: 0.099 ug/L

RT: 5.09 min Scan# 1245

Delta R.T. -0.08 min

Lab File: VV013274.D

Acq: 22 Oct 2019 13:13

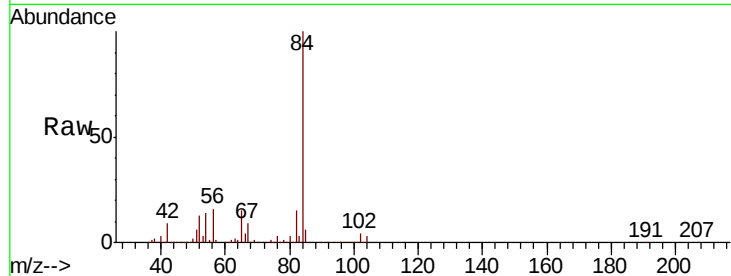
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 62 Resp: 4645

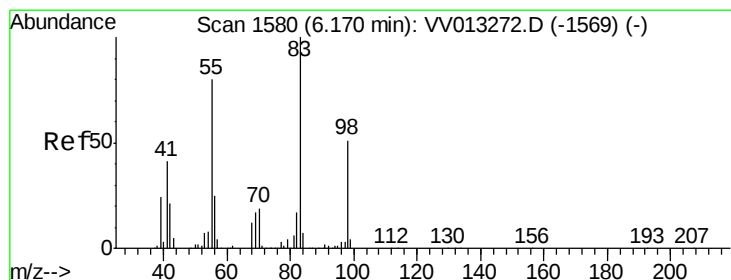
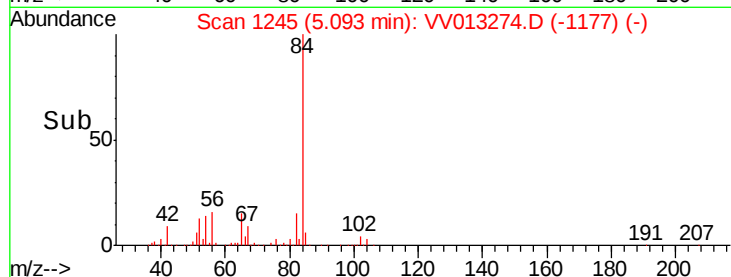
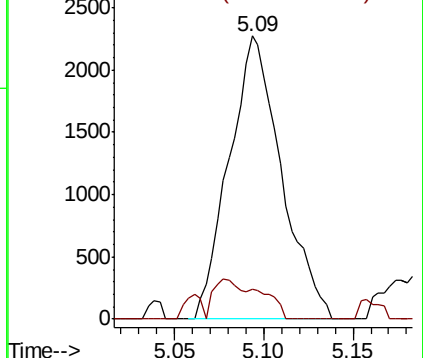
Ion Ratio Lower Upper

62 100

98 10.6 8.3 12.5



Abundance Ion 62.00 (61.70 to 62.70): VV0
Ion 98.05 (97.75 to 98.75): VV0



#35

Methylcyclohexane

Concen: 0.766 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV013274.D

Acq: 22 Oct 2019 13:13

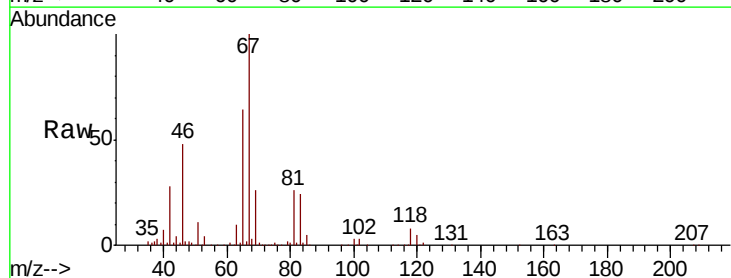
Tgt Ion: 83 Resp: 59881

Ion Ratio Lower Upper

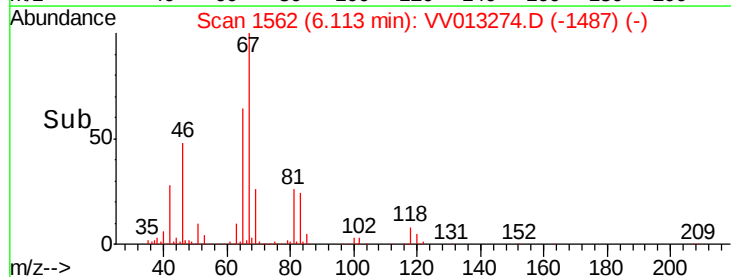
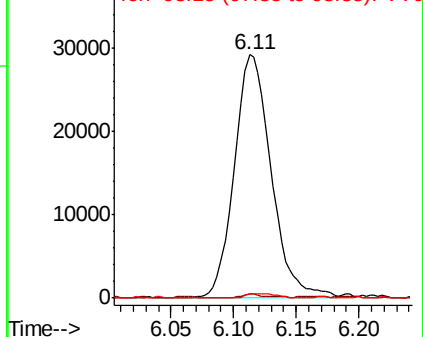
83 100

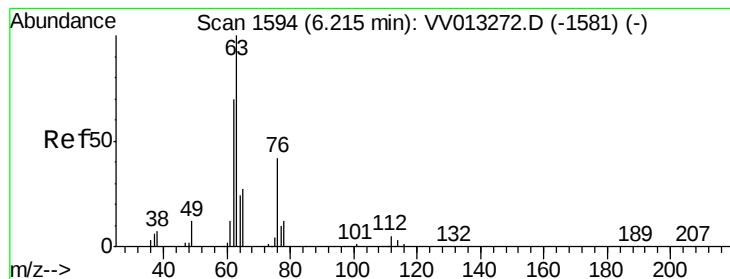
55 1.1 62.4 93.6#

98 1.4 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: 0.528 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.10 min

Lab File: VV013274.D

Acq: 22 Oct 2019 13:13

Instrument :

MSVOA_V

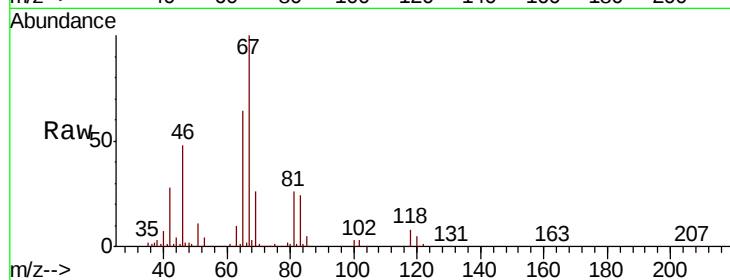
ClientSampled :

Tot Ion: 63 Resp: 24305

Ion Ratio Lower Upper

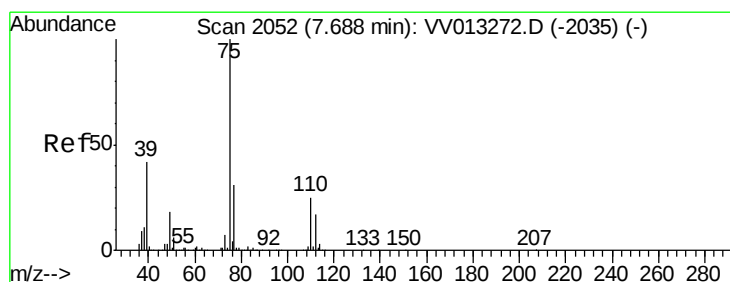
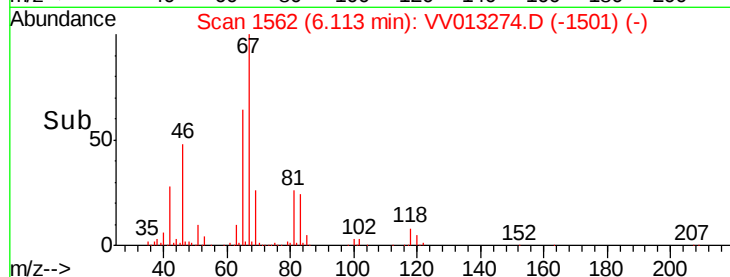
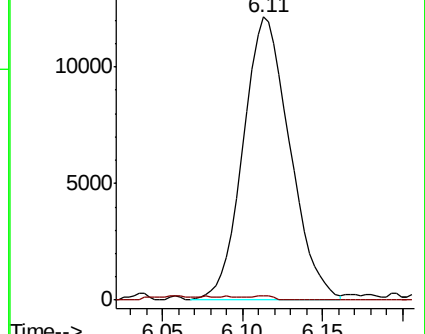
63 100

112 0.6 4.1 6.1#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V



#44

trans-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.02 min

Lab File: VV013274.D

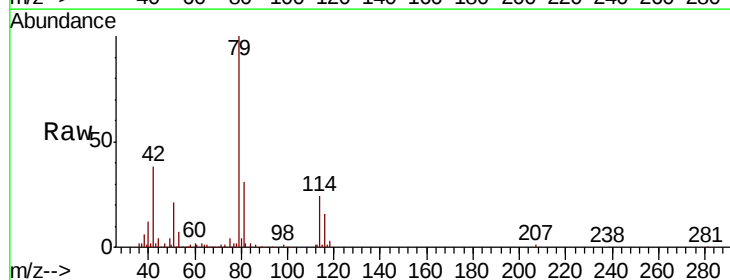
Acq: 22 Oct 2019 13:13

Tgt Ion: 75 Resp: 3704

Ion Ratio Lower Upper

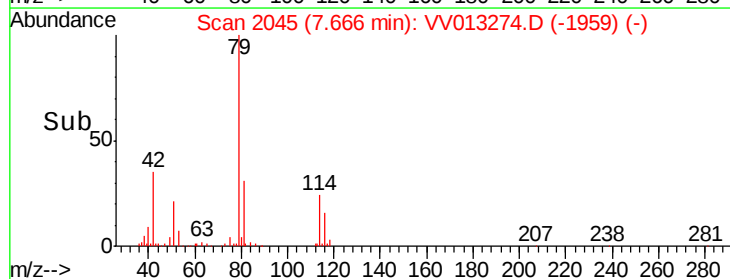
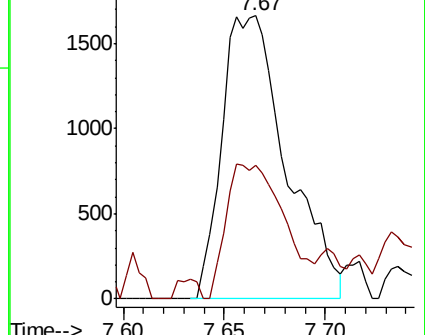
75 100

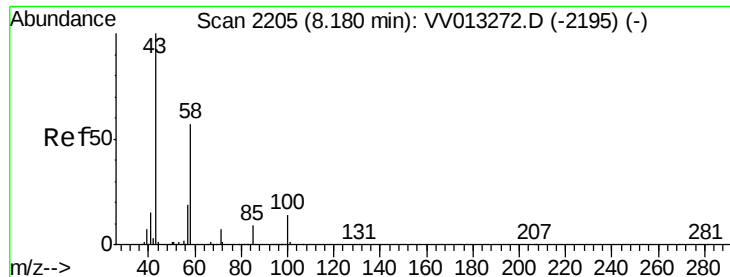
77 47.1 21.8 40.6#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0





#48

2-Hexanone

Concen: 2.922 ug/L

RT: 8.13 min Scan# 2191

Delta R.T. -0.04 min

Lab File: VV013274.D

Acq: 22 Oct 2019 13:13

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 49046

Ion Ratio Lower Upper

43 100

58 36.3 45.1 67.7#

57 28.3 15.5 23.3#

100 3.3 10.2 15.2#

