

Data File : VV014241.D
Acq On : 31 Dec 2019 16:16
Operator : SY/MD
Sample : K6459-19RE
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0BQ1

Quant Time: Jan 01 03:07:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jan 01 03:03:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	835626	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	765743	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	349135	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	189170	4.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.60%
7) Chloroethane-d5	1.58	69	179248	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.00%
11) 1,1-Dichloroethene-d2	2.13	63	257370	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	3.92	46	658783	67.76	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	135.52%#
24) Chloroform-d	4.40	84	440842	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.08	65	249383	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.10	84	999343	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.12	67	319070	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.36	98	897544	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	7.66	79	133344	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.13	63	576160	53.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.24%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	231063	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	301326	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

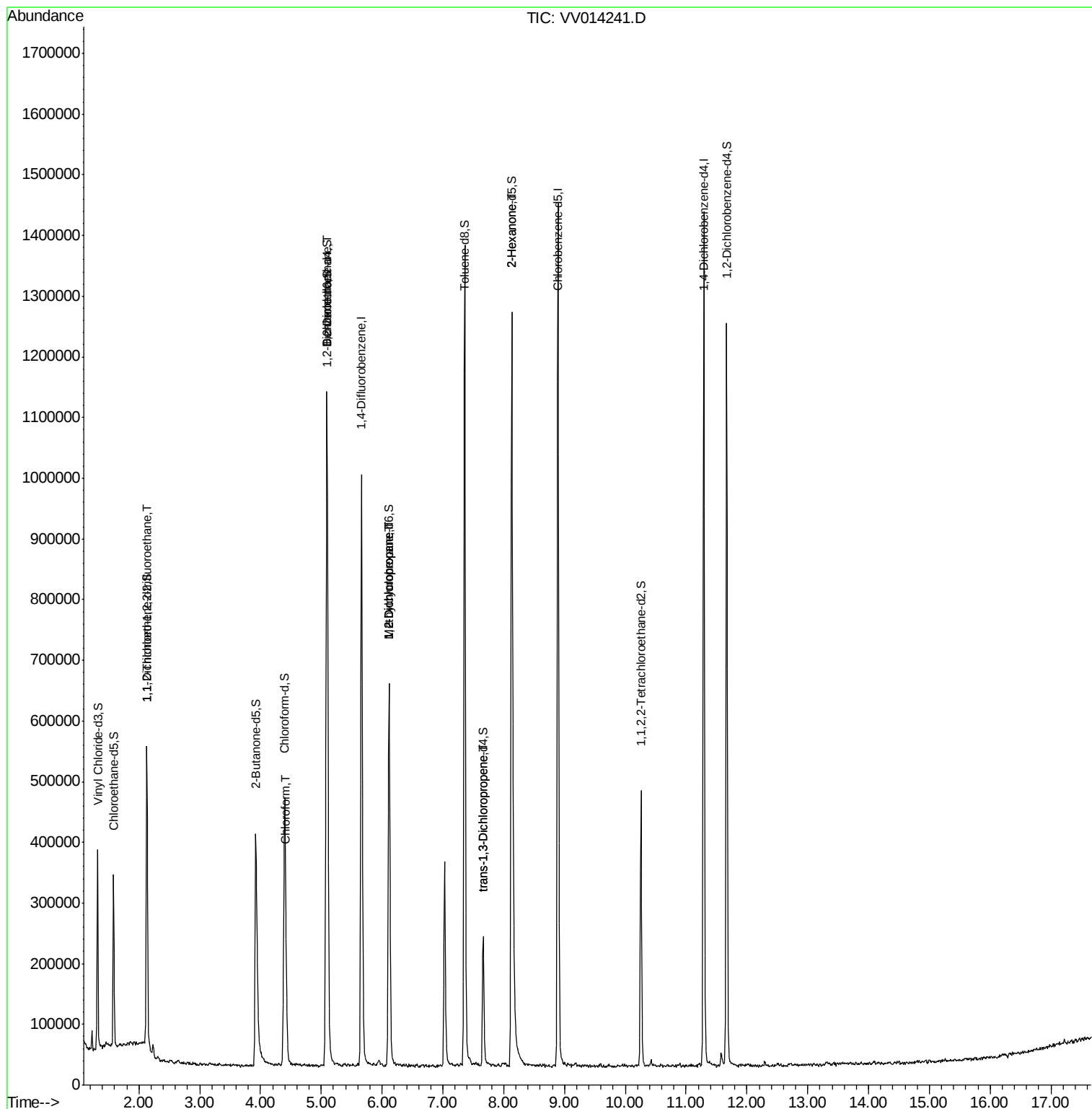
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3163	0.084	ug/L #	23
25) Chloroform	4.42	83	52795	0.487	ug/L	90
27) 1,2-Dichloroethane	5.10	62	6051	0.100	ug/L	94
35) Methylcyclohexane	6.12	83	76779	0.726	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	35263	0.613	ug/L #	90
44) trans-1,3-Dichloropropene	7.66	75	4143	0.056	ug/L #	56
48) 2-Hexanone	8.13	43	62064	2.508	ug/L #	68

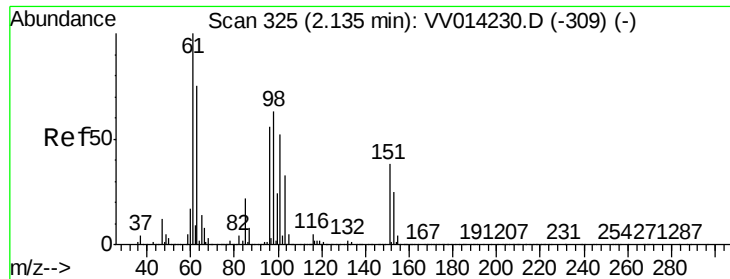
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.084 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

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Acq: 31 Dec 2019 16:16

Instrument :

MSVOA_V

ClientSampleId :

H0BQ1

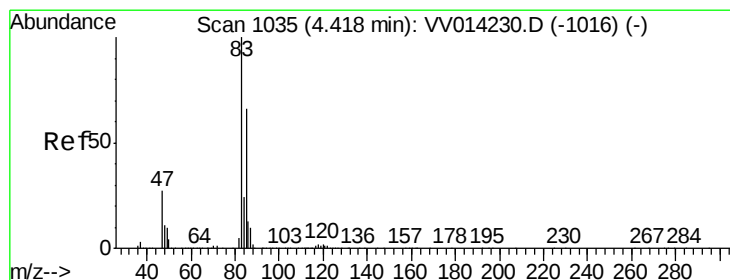
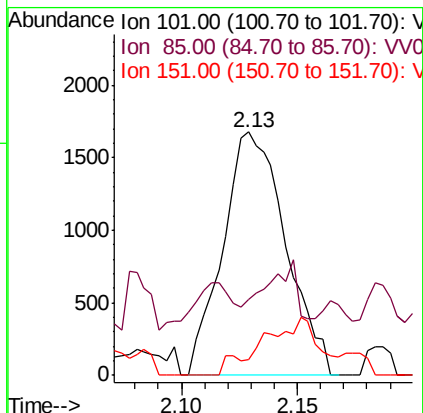
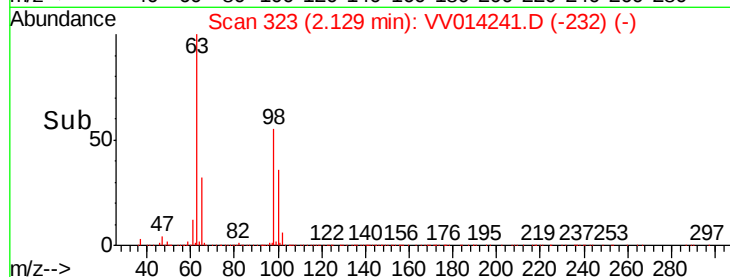
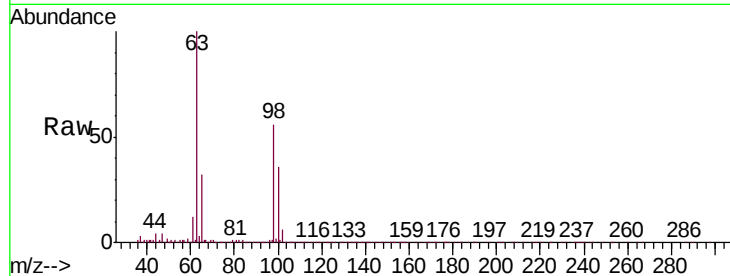
Tgt Ion: 101 Resp: 3163

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

151 7.0 62.5 93.7#



#25

Chloroform

Concen: 0.487 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VV014241.D

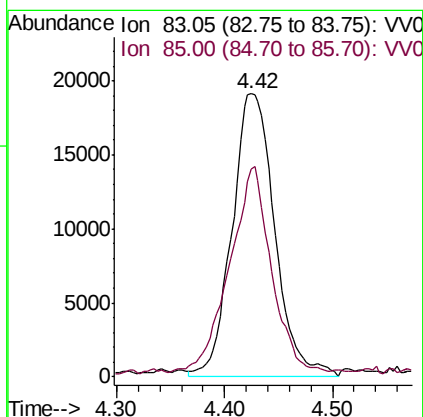
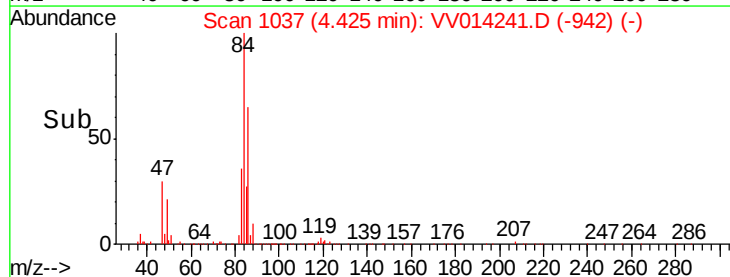
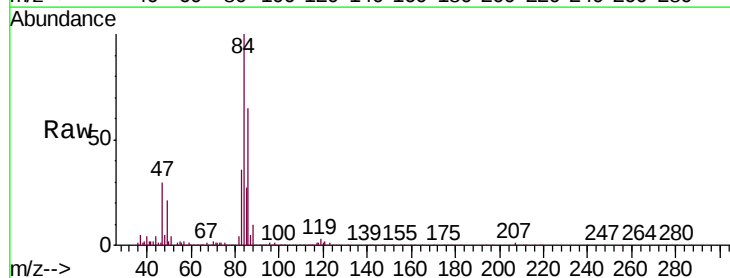
Acq: 31 Dec 2019 16:16

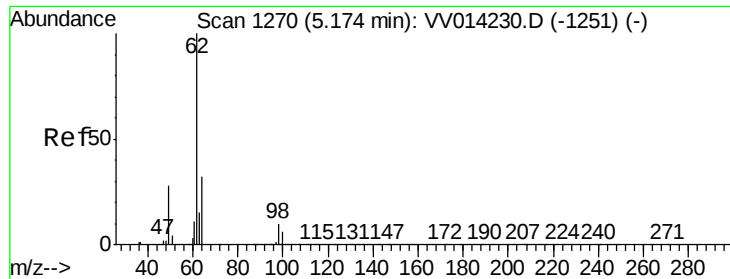
Tgt Ion: 83 Resp: 52795

Ion Ratio Lower Upper

83 100

85 73.6 46.2 85.8





#27

1,2-Dichloroethane

Concen: 0.100 ug/L

RT: 5.10 min Scan# 1246

Delta R.T. -0.08 min

Lab File: VV014241.D

Acq: 31 Dec 2019 16:16

Instrument :

MSVOA_V

ClientSampled :

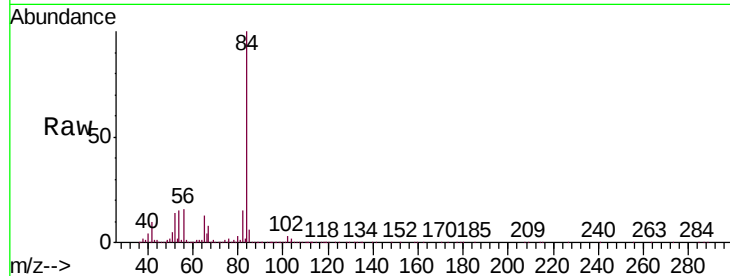
H0BQ1

Tgt Ion: 62 Resp: 6051

Ion Ratio Lower Upper

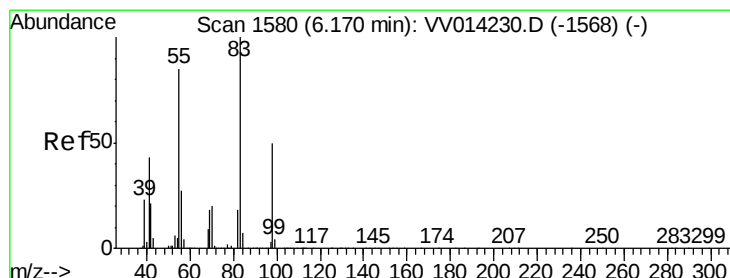
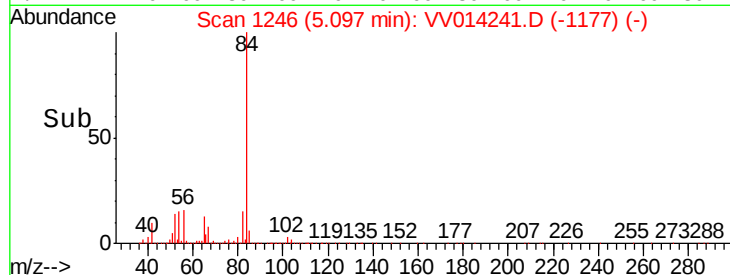
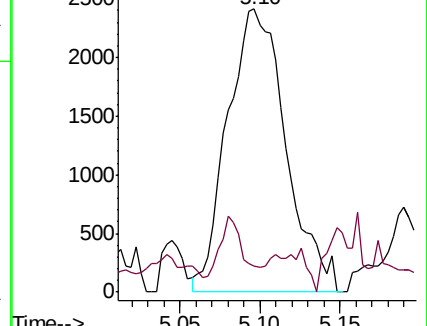
62 100

98 9.3 9.2 13.8



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0



#35

Methylcyclohexane

Concen: 0.726 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV014241.D

Acq: 31 Dec 2019 16:16

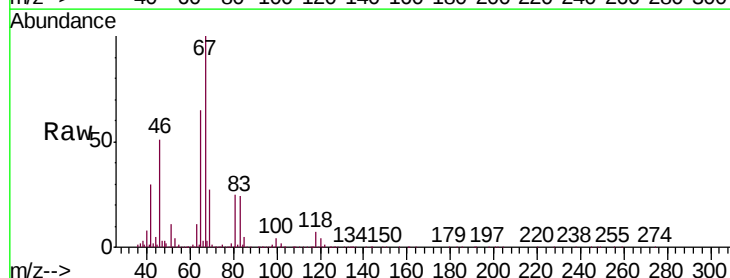
Tgt Ion: 83 Resp: 76779

Ion Ratio Lower Upper

83 100

55 0.4 61.7 92.5#

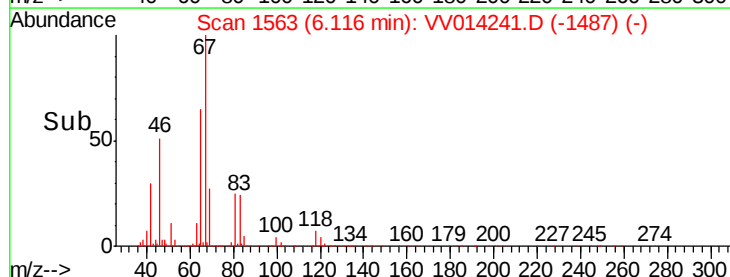
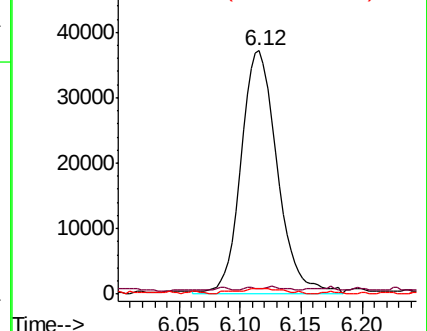
98 0.7 38.1 57.1#

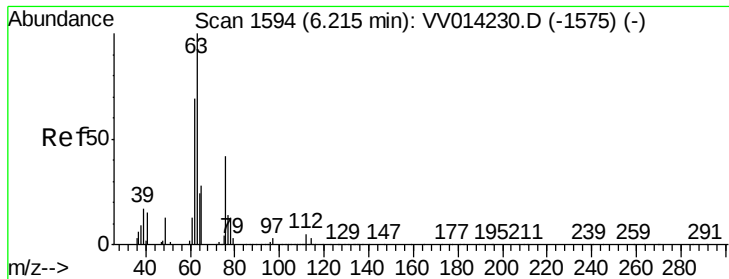


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

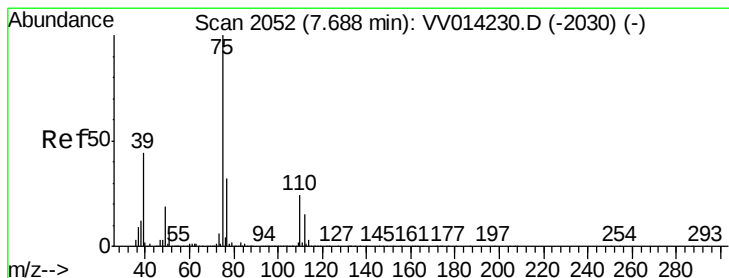
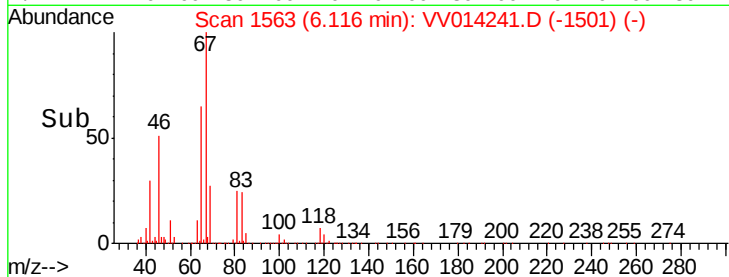
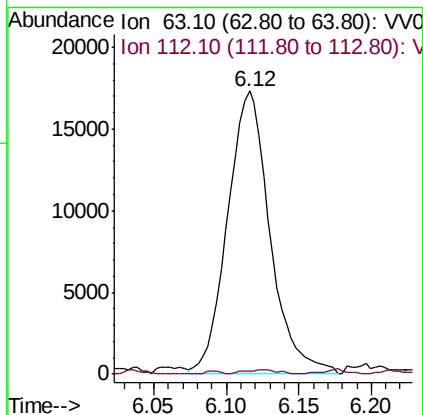
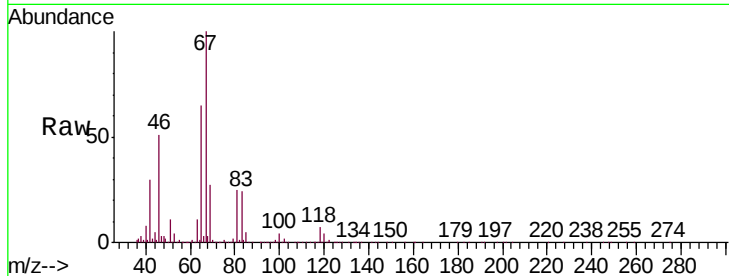




#37
 1,2-Dichloropropane
 Concen: 0.613 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV014241.D
 Acq: 31 Dec 2019 16:16

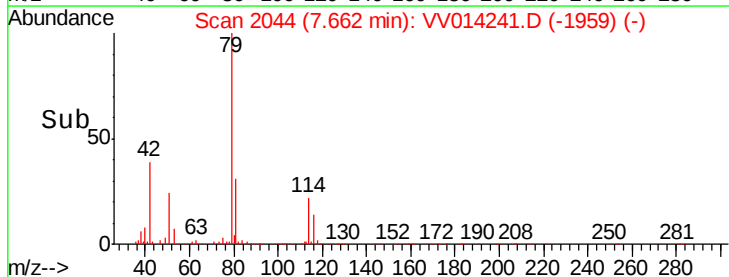
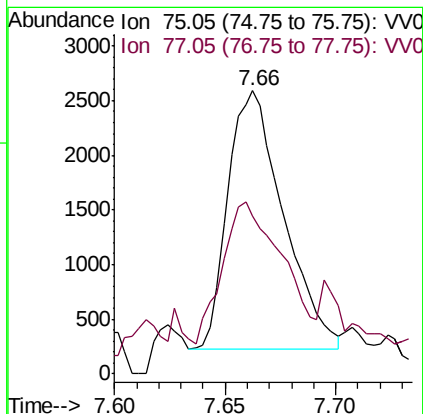
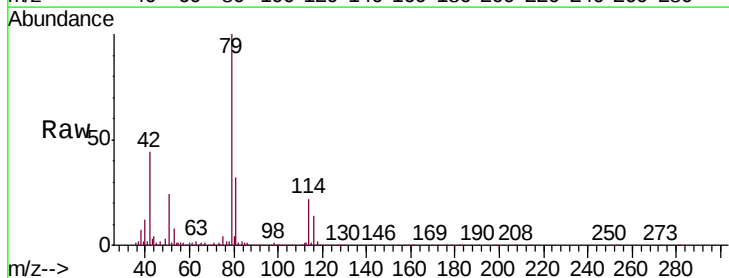
Instrument :
 MSVOA_V
 ClientSampleId :
 H0BQ1

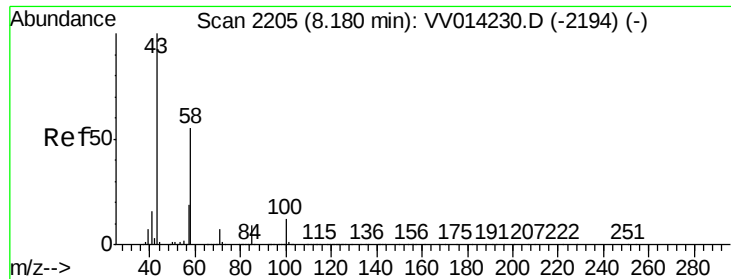
Tgt Ion: 63 Resp: 35263
 Ion Ratio Lower Upper
 63 100
 112 1.3 3.7 5.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.056 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV014241.D
 Acq: 31 Dec 2019 16:16

Tgt Ion: 75 Resp: 4143
 Ion Ratio Lower Upper
 75 100
 77 55.8 22.0 41.0#





#48

2-Hexanone

Concen: 2.508 ug/L

RT: 8.13 min Scan# 2189

Delta R.T. -0.05 min

Lab File: VV014241.D

Acq: 31 Dec 2019 16:16

Instrument :

MSVOA_V

ClientSampleId :

H0BQ1

Tgt Ion: 43 Resp: 62064

Ion Ratio Lower Upper

43 100

58 28.8 45.4 68.0#

57 27.8 15.8 23.8#

100 0.6 10.2 15.4#

