

Data File : VV012142.D
Acq On : 08 Aug 2019 23:57
Operator : SY/MD
Sample : K4184-06
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA3

Quant Time: Aug 09 06:49:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 09 06:44:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	100277	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	95068	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	51045	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23071	5.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.20%
7) Chloroethane-d5	1.58	69	16563	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	2.13	63	35907	4.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.20%
20) 2-Butanone-d5	3.95	46	12994	11.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	23.60%#
24) Chloroform-d	4.40	84	58432	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.08	65	36098	5.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.00%
32) Benzene-d6	5.10	84	121405	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.12	67	31525	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.36	98	122016	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
43) trans-1,3-Dichloropropene-	7.66	79	15861	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
46) 2-Hexanone-d5	8.13	63	43102	42.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.08%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	25930	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	51731	5.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.00%

Target Compounds

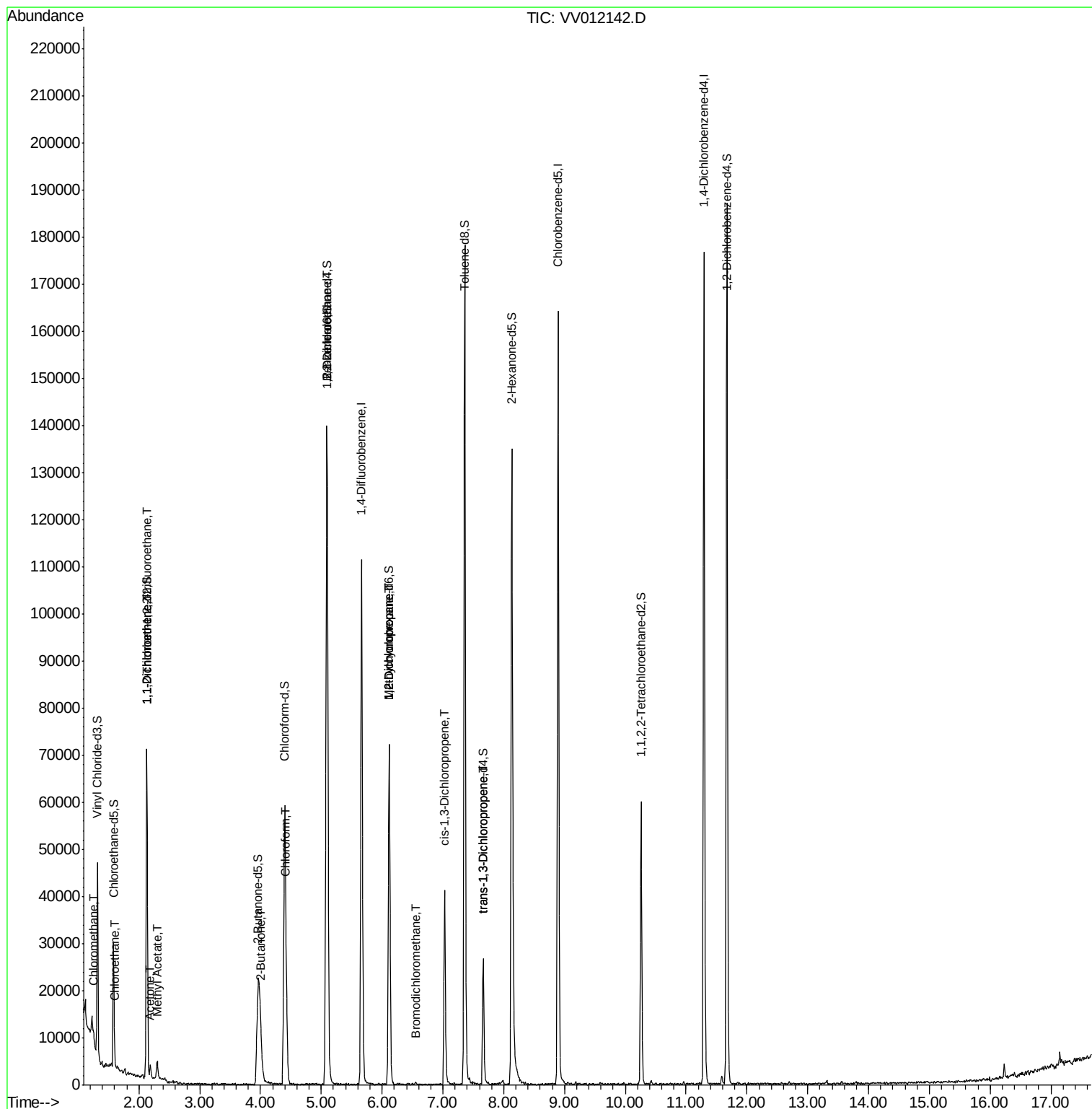
						Qvalue
3) Chloromethane	1.26	50	520	0.124	ug/L #	78
8) Chloroethane	1.61	64	258	0.098	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	353	0.081	ug/L #	12
12) 1,1-Dichloroethene	2.14	96	294	0.074	ug/L #	1
13) Acetone	2.19	43	2163	3.338	ug/L	100
15) Methyl Acetate	2.30	43	1031	0.740	ug/L #	44
21) 2-Butanone	4.01	43	4617	4.122	ug/L #	55
25) Chloroform	4.43	83	10450	0.843	ug/L	97
27) 1,2-Dichloroethane	5.10	62	833	0.112	ug/L #	77
35) Methylcyclohexane	6.12	83	9523	0.889	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	4052	0.805	ug/L #	85
38) Bromodichloromethane	6.55	83	617	0.071	ug/L #	80
39) cis-1,3-Dichloropropene	7.03	75	963	0.106	ug/L #	75
44) trans-1,3-Dichloropropene	7.66	75	633	0.086	ug/L	84

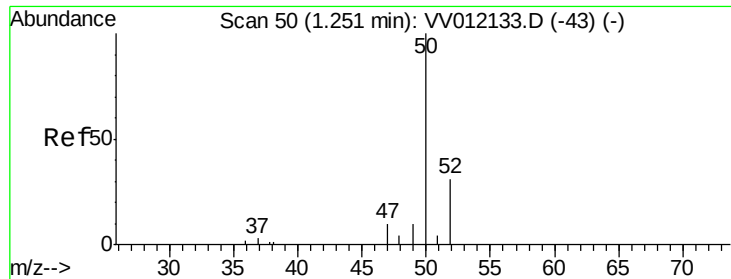
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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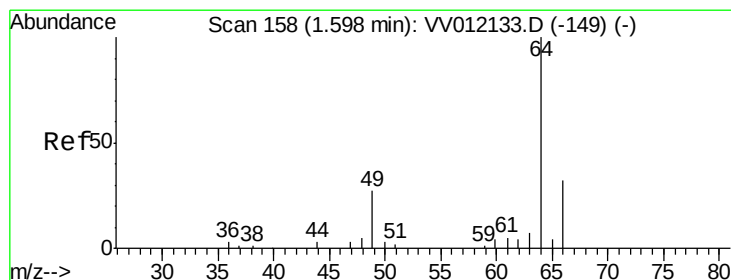
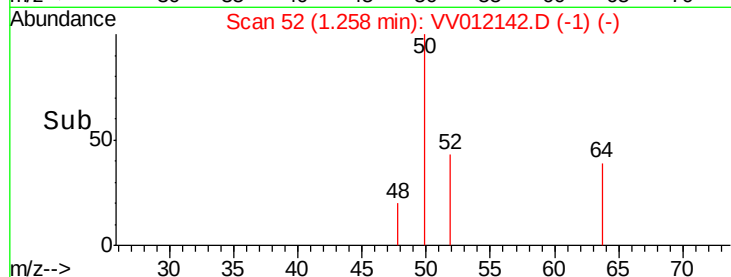
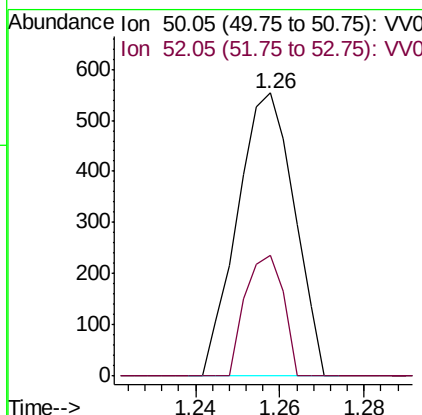
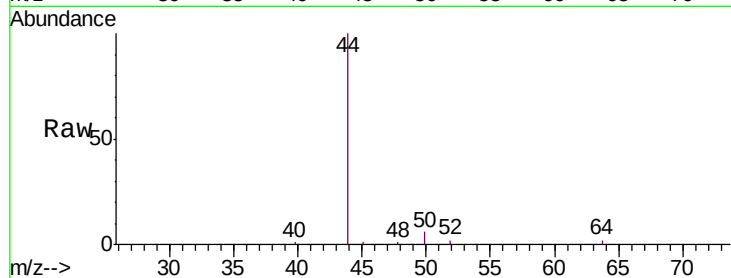




#3
 Chloromethane
 Concen: 0.124 ug/L
 RT: 1.26 min Scan# 52
 Delta R.T. 0.01 min
 Lab File: VV012142.D
 Acq: 08 Aug 2019 23:57

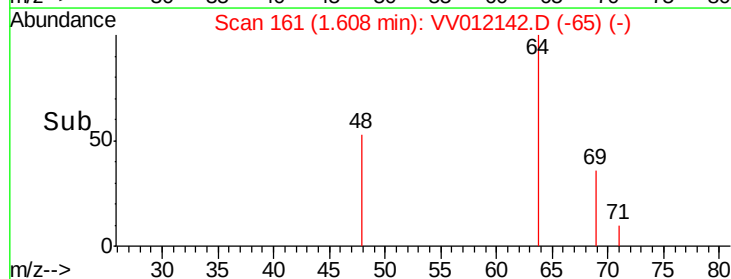
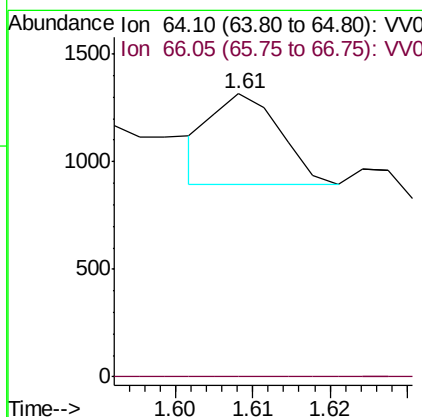
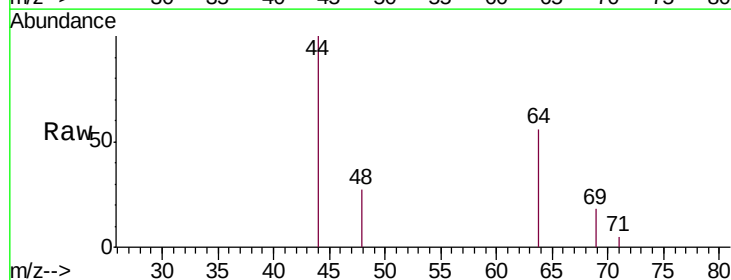
Instrument :
 MSVOA_V
 ClientSampled :
 C0AA3

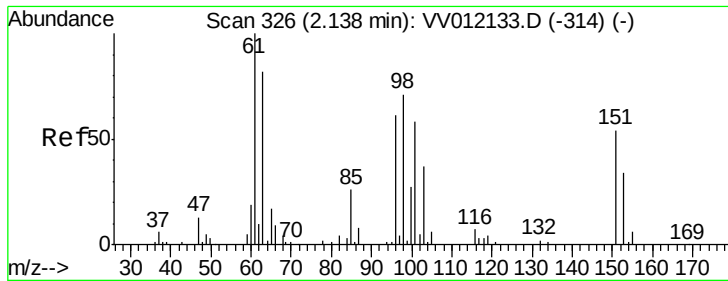
Tgt Ion: 50 Resp: 520
 Ion Ratio Lower Upper
 50 100
 52 42.7 21.6 40.0#



#8
 Chloroethane
 Concen: 0.098 ug/L
 RT: 1.61 min Scan# 161
 Delta R.T. 0.01 min
 Lab File: VV012142.D
 Acq: 08 Aug 2019 23:57

Tgt Ion: 64 Resp: 258
 Ion Ratio Lower Upper
 64 100
 66 0.0 22.3 41.5#





#10

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

Concen: 0.081 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012142.D

Acq: 08 Aug 2019 23:57

Instrument :

MSVOA_V

ClientSampleId :

C0AA3

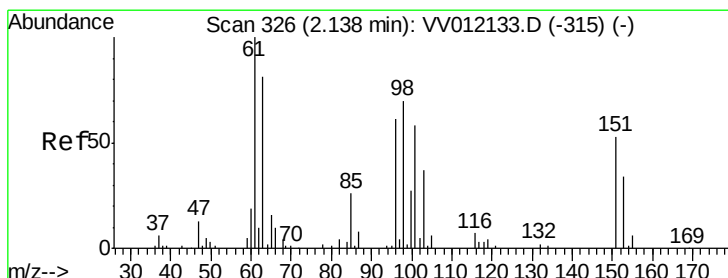
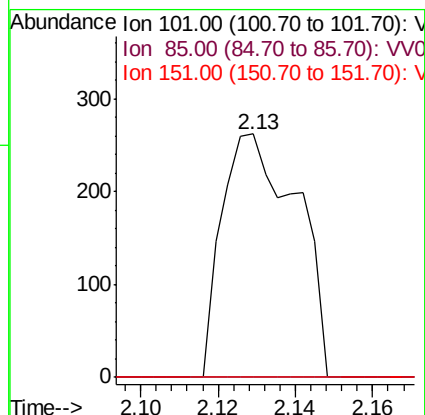
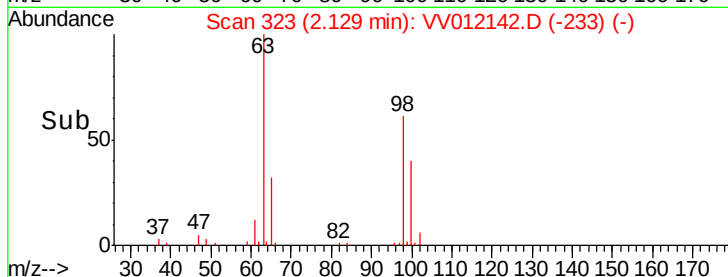
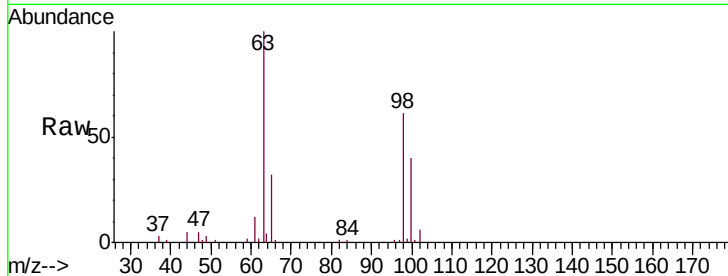
Tgt Ion: 101 Resp: 353

Ion Ratio Lower Upper

101 100

85 0.0 34.3 51.5#

151 0.0 75.0 112.6#



#12

1,1-Dichloroethene

Concen: 0.074 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV012142.D

Acq: 08 Aug 2019 23:57

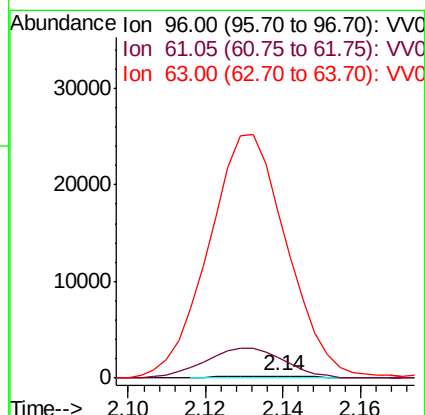
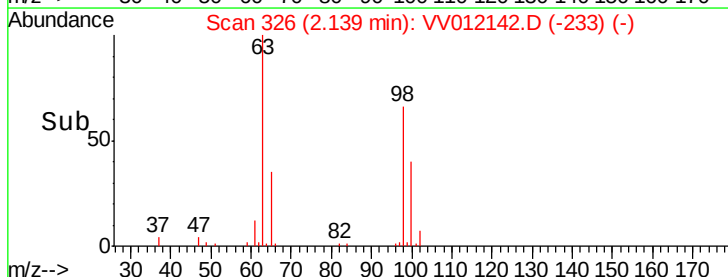
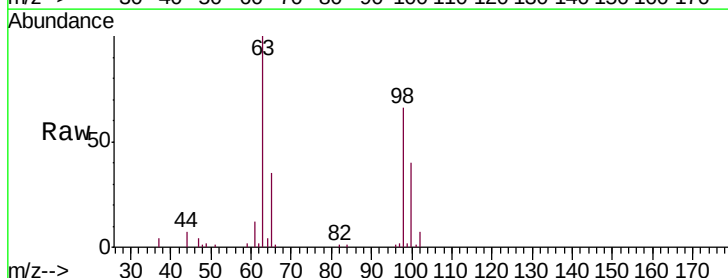
Tgt Ion: 96 Resp: 294

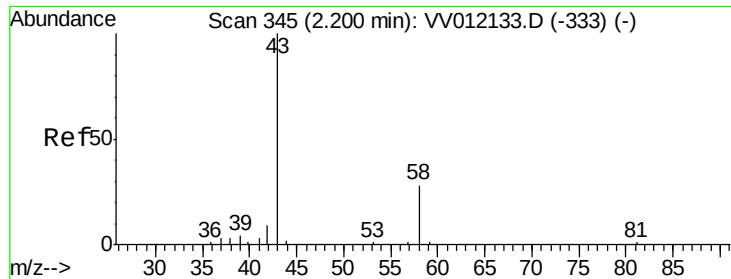
Ion Ratio Lower Upper

96 100

61 900.0 114.7 213.1#

63 7459.8 94.9 176.3#





#13

Acetone

Concen: 3.338 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.01 min

Lab File: VV012142.D

Acq: 08 Aug 2019 23:57

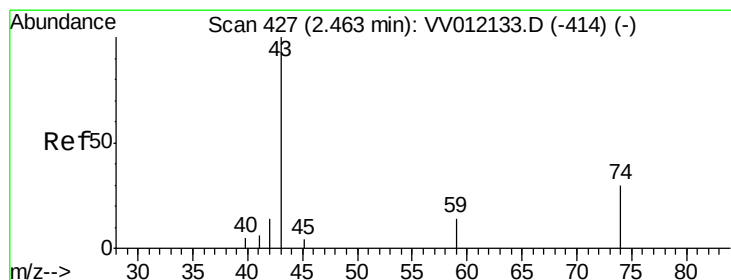
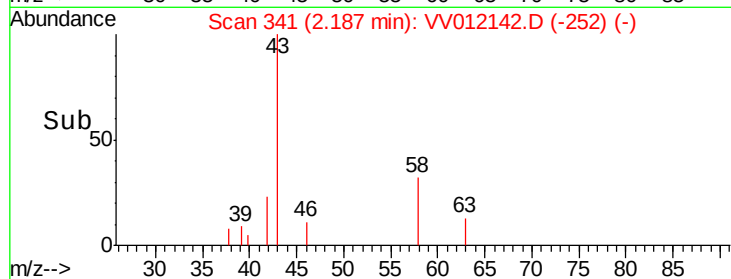
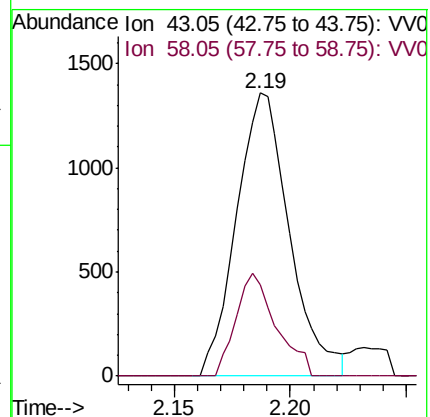
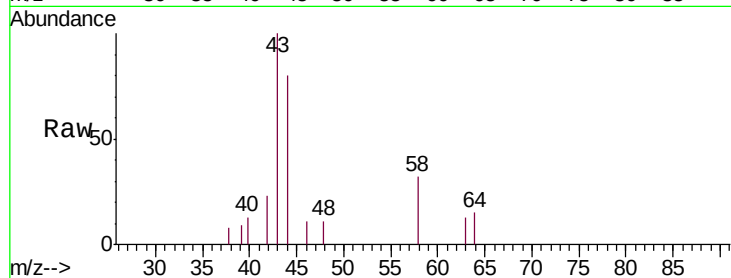
Instrument :
MSVOA_V
ClientSampleId :
C0AA3

Tgt Ion: 43 Resp: 2163

Ion Ratio Lower Upper

43 100

58 27.4 0.0 54.6



#15

Methyl Acetate

Concen: 0.740 ug/L

RT: 2.30 min Scan# 376

Delta R.T. -0.16 min

Lab File: VV012142.D

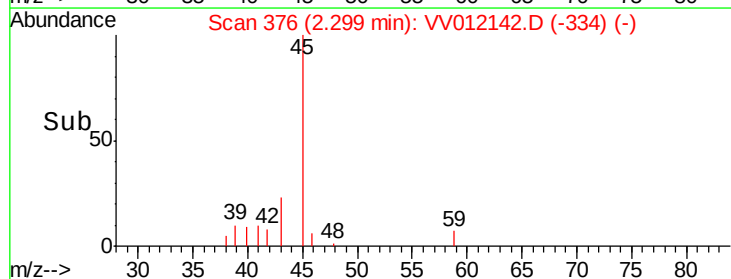
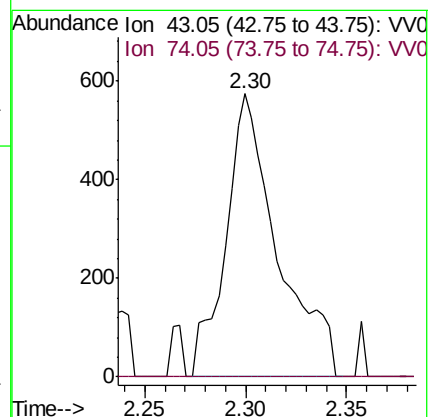
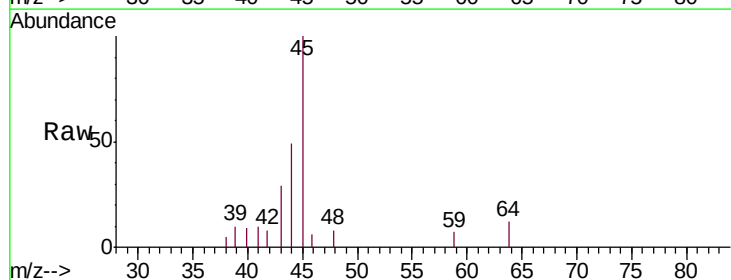
Acq: 08 Aug 2019 23:57

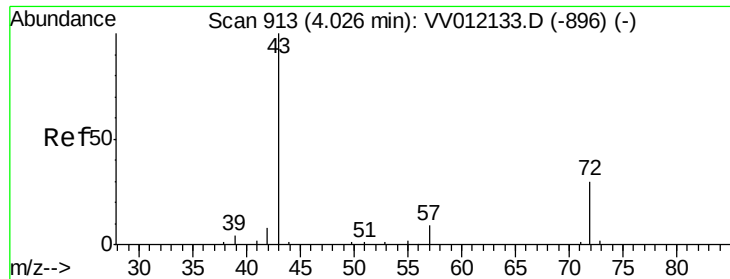
Tgt Ion: 43 Resp: 1031

Ion Ratio Lower Upper

43 100

74 0.0 24.6 36.8#





#21

2-Butanone

Concen: 4.122 ug/L

RT: 4.01 min Scan# 909

Delta R.T. -0.01 min

Lab File: VV012142.D

Acq: 08 Aug 2019 23:57

Instrument :

MSVOA_V

ClientSampled :

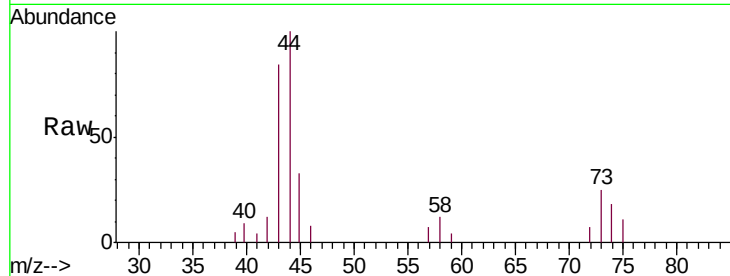
C0AA3

Tgt Ion: 43 Resp: 4617

Ion Ratio Lower Upper

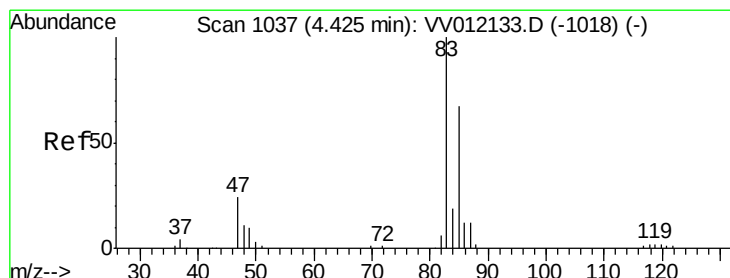
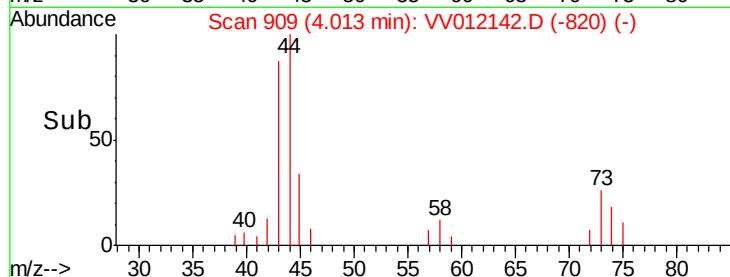
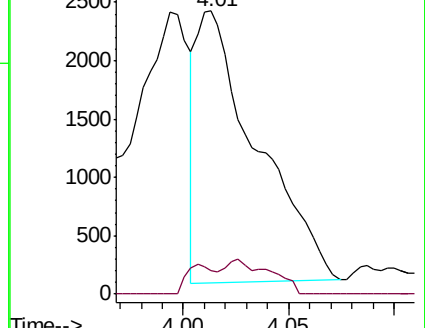
43 100

72 5.2 14.8 44.3#



Abundance Ion 43.05 (42.75 to 43.75): VV012133.D (-896) (-)

Ion 72.10 (71.80 to 72.80): VV012133.D (-896) (-)



#25

Chloroform

Concen: 0.843 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

Lab File: VV012142.D

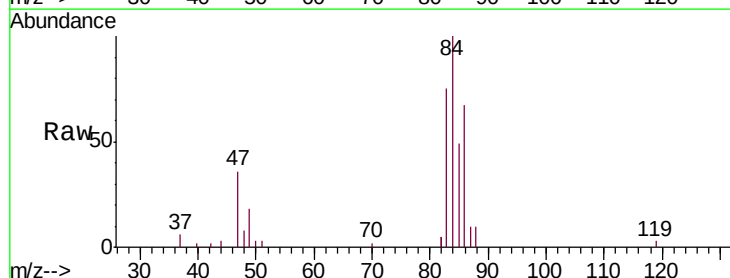
Acq: 08 Aug 2019 23:57

Tgt Ion: 83 Resp: 10450

Ion Ratio Lower Upper

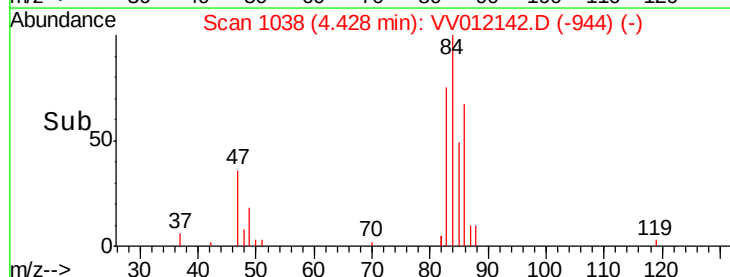
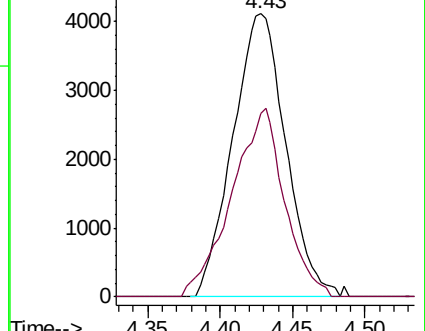
83 100

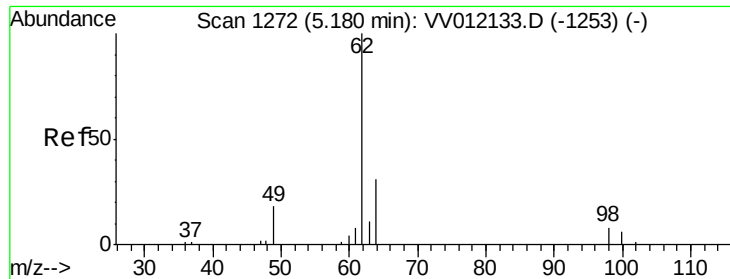
85 64.9 47.1 87.5



Abundance Ion 83.05 (82.75 to 83.75): VV012133.D (-1018) (-)

Ion 85.00 (84.70 to 85.70): VV012133.D (-1018) (-)

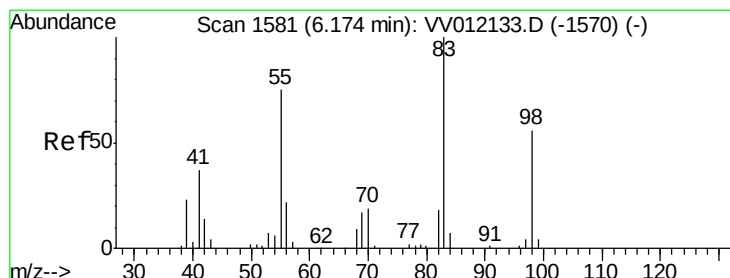
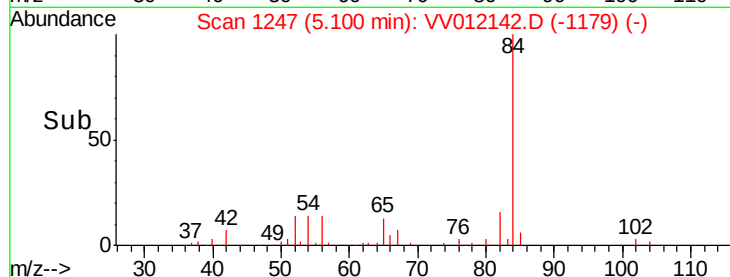
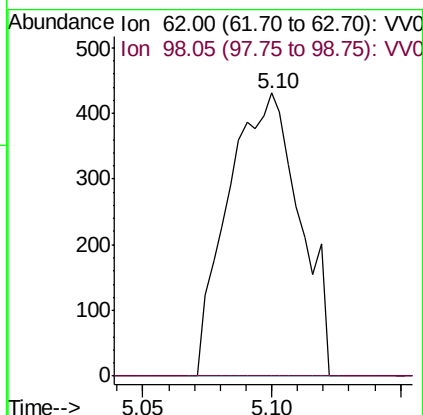
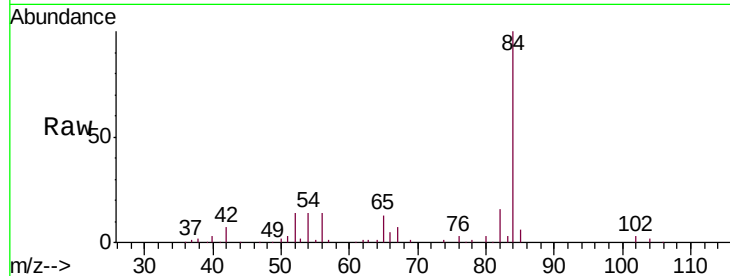




#27
 1,2-Dichloroethane
 Concen: 0.112 ug/L
 RT: 5.10 min Scan# 1247
 Delta R.T. -0.08 min
 Lab File: VV012142.D
 Acq: 08 Aug 2019 23:57

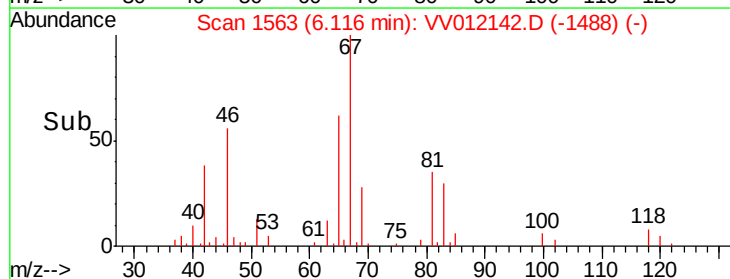
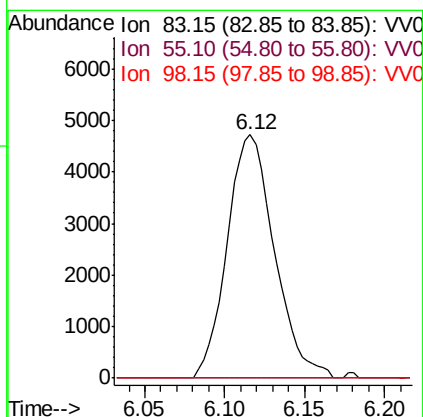
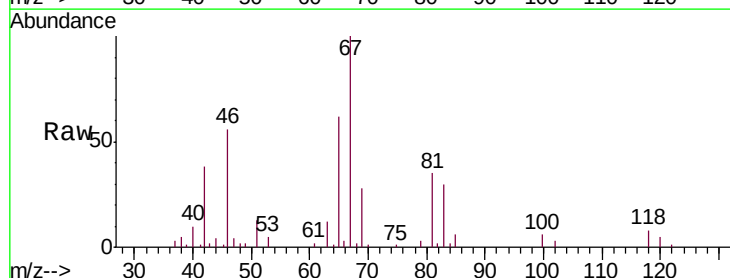
Instrument :
 MSVOA_V
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 C0AA3

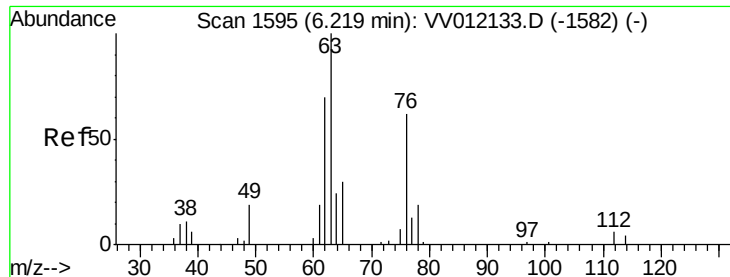
Tgt Ion: 62 Resp: 833
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.4 9.6#



#35
 Methylcyclohexane
 Concen: 0.889 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.06 min
 Lab File: VV012142.D
 Acq: 08 Aug 2019 23:57

Tgt Ion: 83 Resp: 9523
 Ion Ratio Lower Upper
 83 100
 55 0.0 55.0 82.6#
 98 0.0 40.4 60.6#

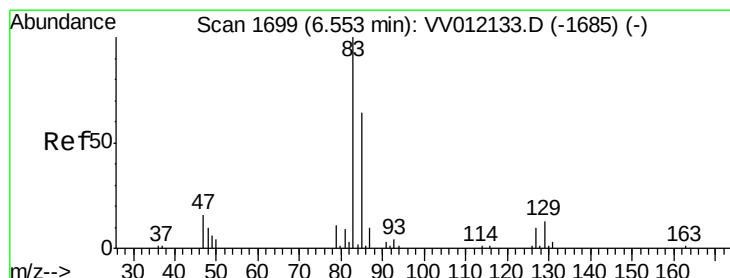
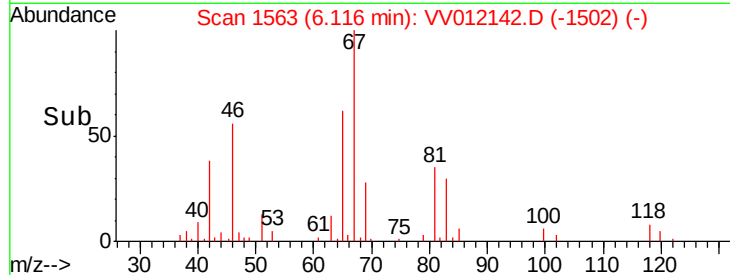
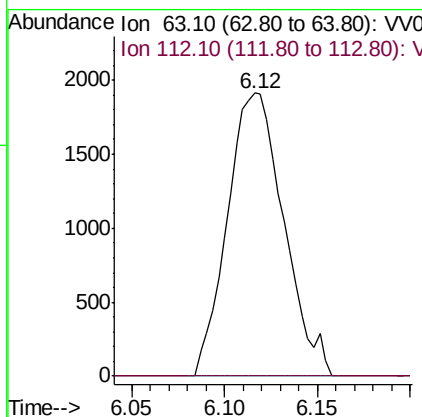
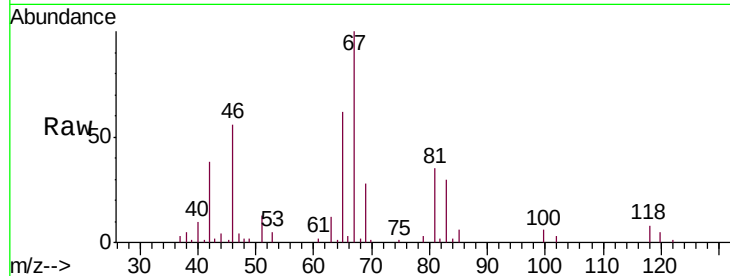




#37
 1,2-Dichloropropane
 Concen: 0.805 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV012142.D
 Acq: 08 Aug 2019 23:57

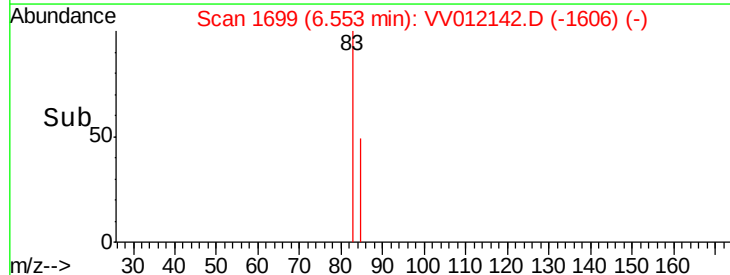
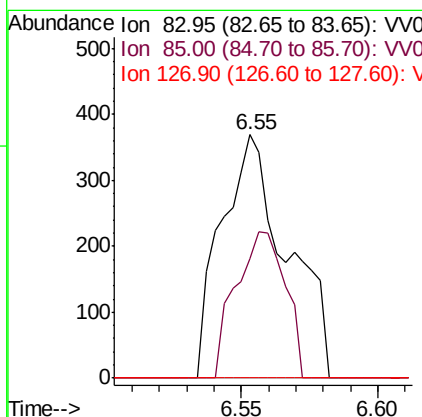
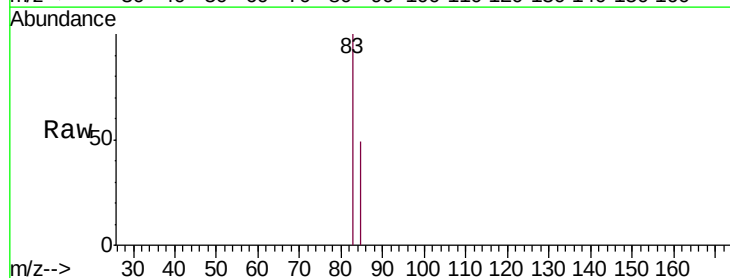
Instrument :
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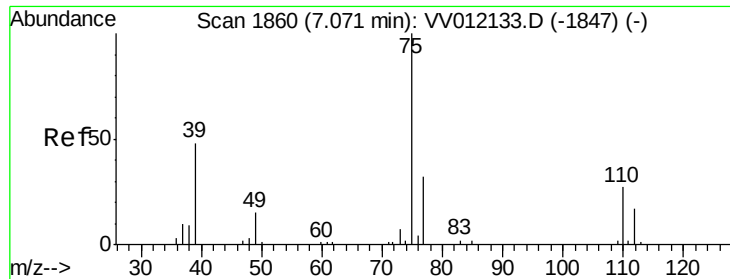
Tgt Ion: 63 Resp: 4052
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.9 5.9#



#38
 Bromodichloromethane
 Concen: 0.071 ug/L
 RT: 6.55 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: VV012142.D
 Acq: 08 Aug 2019 23:57

Tgt Ion: 83 Resp: 617
 Ion Ratio Lower Upper
 83 100
 85 49.1 44.9 83.5
 127 0.0 8.2 12.2#

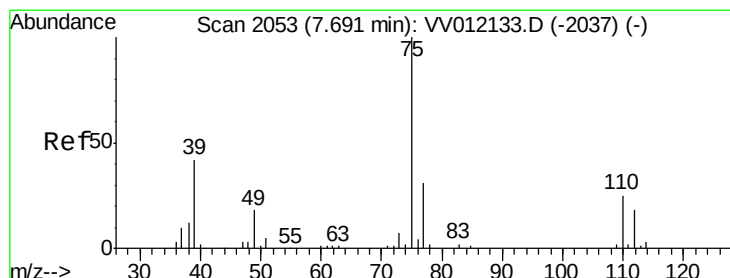
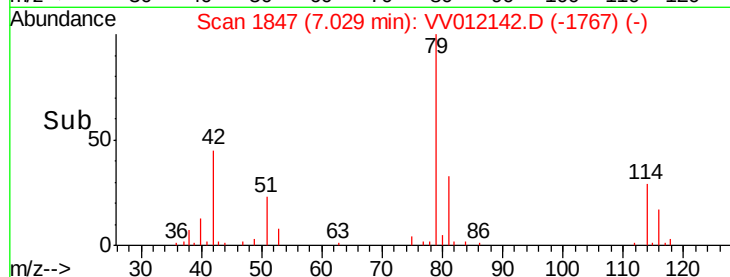
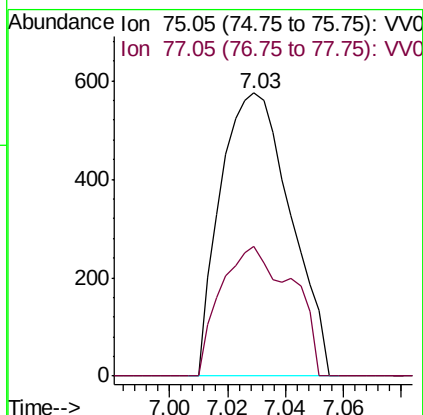
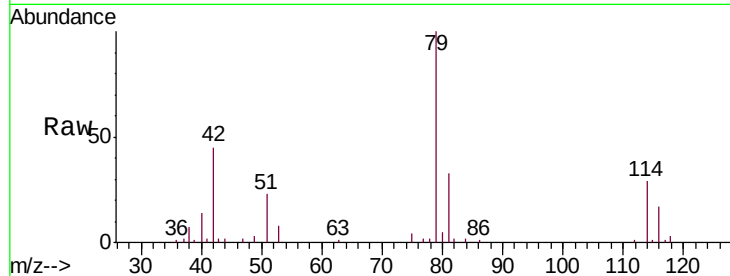




#39
 cis-1,3-Dichloropropene
 Concen: 0.106 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV012142.D
 Acq: 08 Aug 2019 23:57

Instrument :
 MSVOA_V
 ClientSampled :
 C0AA3

Tgt Ion: 75 Resp: 963
 Ion Ratio Lower Upper
 75 100
 77 45.9 22.5 41.7#



#44
 trans-1,3-Dichloropropene
 Concen: 0.086 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV012142.D
 Acq: 08 Aug 2019 23:57

Tgt Ion: 75 Resp: 633
 Ion Ratio Lower Upper
 75 100
 77 40.1 22.0 41.0

