

Data File : VV014659.D
Acq On : 21 Feb 2020 17:39
Operator : SY/MD
Sample : L1607-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AQ0

Quant Time: Feb 21 23:40:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM022120WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 21 23:36:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	231842	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	217781	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	103750	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36895	40.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.50%
7) Chloroethane-d5	1.59	69	29894	45.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.10%
11) 1,1-Dichloroethene-d2	2.13	63	57904	34.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.62%
21) 2-Butanone-d5	3.95	46	81292	96.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.59%
24) Chloroform-d	4.40	84	134200	45.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.54%
26) 1,2-Dichloroethane-d4	5.08	65	90389	47.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.38%
32) Benzene-d6	5.10	84	268465	46.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.14%
36) 1,2-Dichloropropane-d6	6.11	67	80073	47.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.28%
41) Toluene-d8	7.36	98	251434	45.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.58%
43) trans-1,3-Dichloropropene-	7.66	79	42144	44.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.52%
47) 2-Hexanone-d5	8.14	63	63994	95.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.00%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	112093	48.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.26%
64) 1,2-Dichlorobenzene-d4	11.67	152	98272	48.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.82%

Target Compounds

						Qvalue
13) Acetone	2.21	43	1272	1.702	ug/L	72
20) cis-1,2-Dichloroethene	3.96	96	2387	1.500	ug/L	92
25) Chloroform	4.43	83	5276	1.836	ug/L	97
30) 1,1,1-Trichloroethane	4.66	97	23960	9.461	ug/L	97
31) Carbon tetrachloride	4.66	117	2465	1.100	ug/L #	74
34) Trichloroethene	5.96	95	56856	34.776	ug/L	98
37) 1,2-Dichloropropane	6.11	63	9305	6.774	ug/L #	86
39) cis-1,3-Dichloropropene	7.02	75	2811	1.146	ug/L #	76
48) 2-Hexanone	8.14	43	7729	5.791	ug/L #	75
59) 1,2,3-Trichloropropane	11.29	75	11388	6.127	ug/L #	87

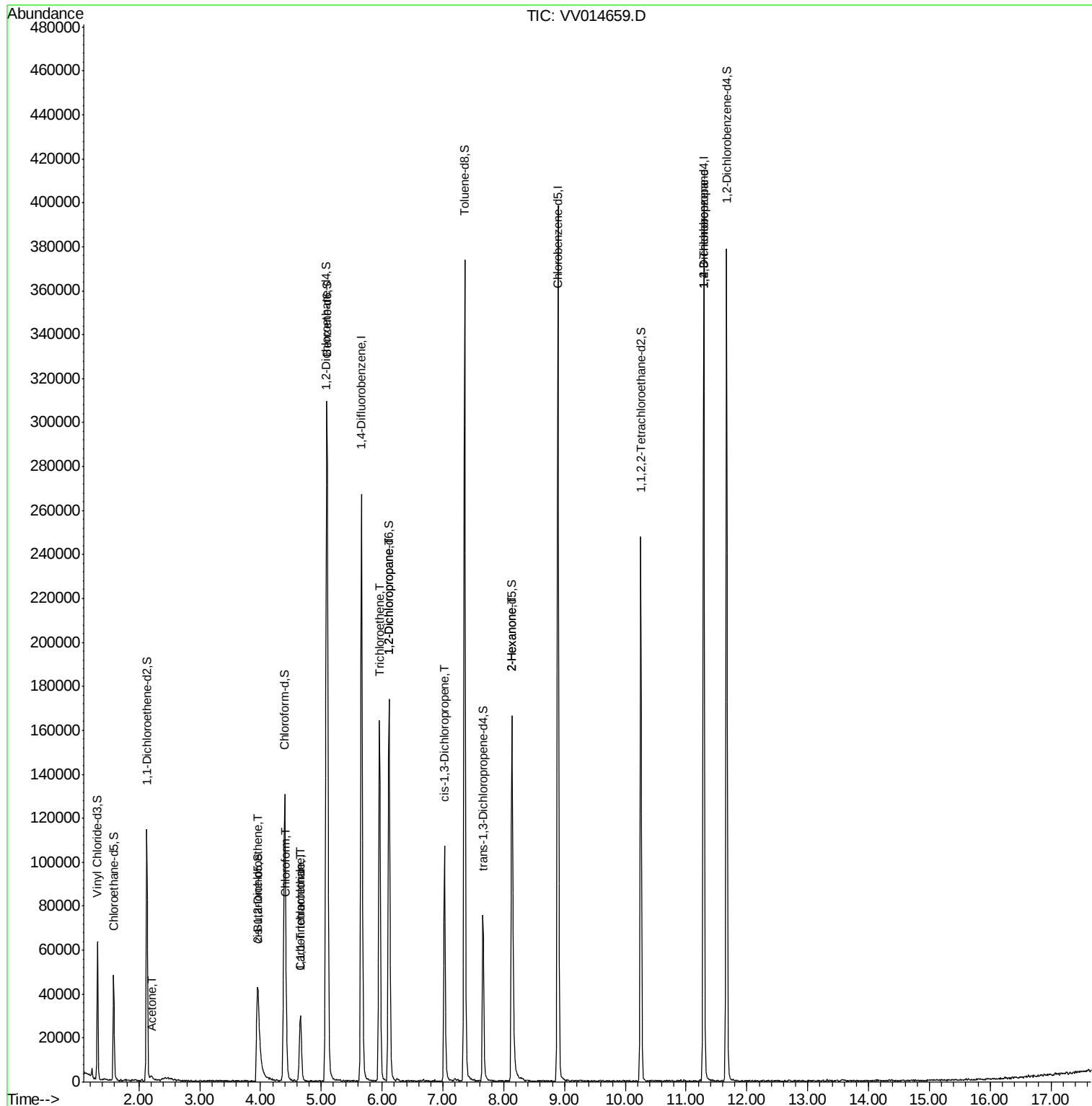
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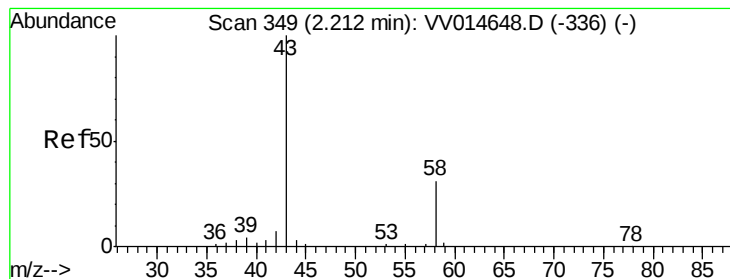
Data File : VV014659.D

```
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QLast Update : Fri Feb 21 23:36:05 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.702 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.00 min

Lab File: VV014659.D

Acq: 21 Feb 2020 17:39

Instrument :

MSVOA_V

ClientSampleId :

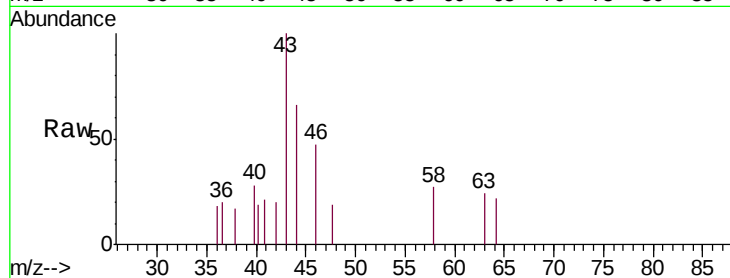
C0AQ0

Tgt Ion: 43 Resp: 1272

Ion Ratio Lower Upper

43 100

58 17.3 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VV014648.D (-336) (-)

Ion 58.00 (57.70 to 58.70): VV014648.D (-336) (-)

2.21

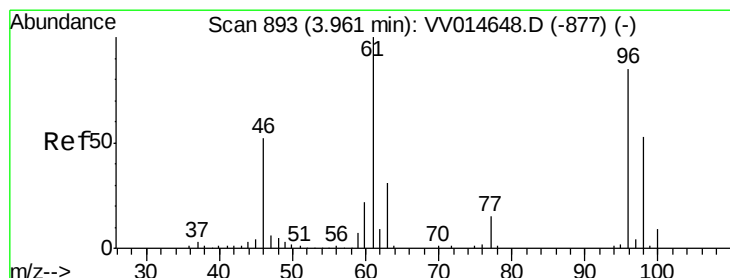
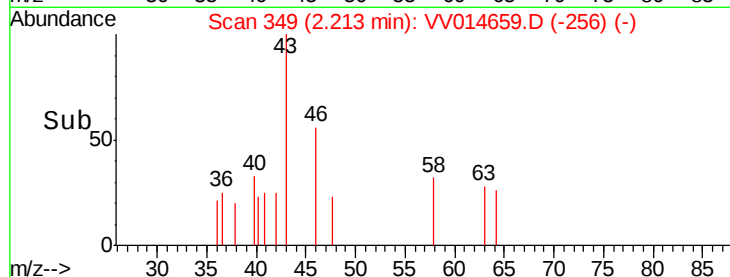
600

400

200

0

Time--> 2.16 2.18 2.20 2.22 2.24



#20

cis-1,2-Dichloroethene

Concen: 1.500 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.00 min

Lab File: VV014659.D

Acq: 21 Feb 2020 17:39

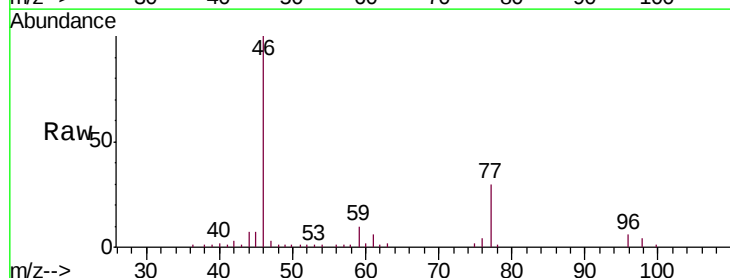
Tgt Ion: 96 Resp: 2387

Ion Ratio Lower Upper

96 100

61 108.5 82.4 153.0

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV014648.D (-877) (-)

Ion 61.00 (60.70 to 61.70): VV014648.D (-877) (-)

Ion 68.00 (67.70 to 68.70): VV014648.D (-877) (-)

3.96

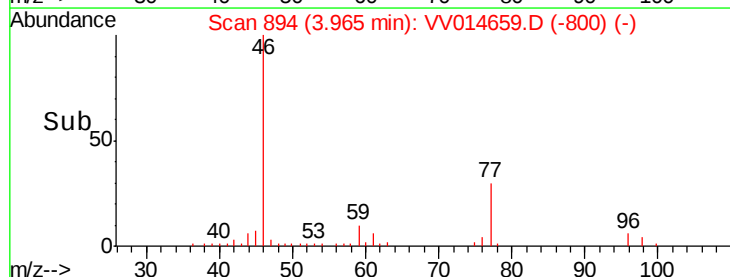
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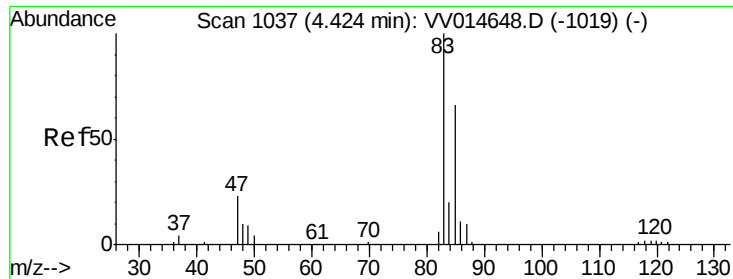
1000

500

0

Time--> 3.90 3.95 4.00

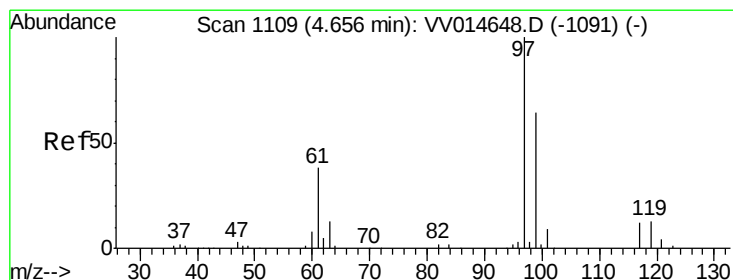
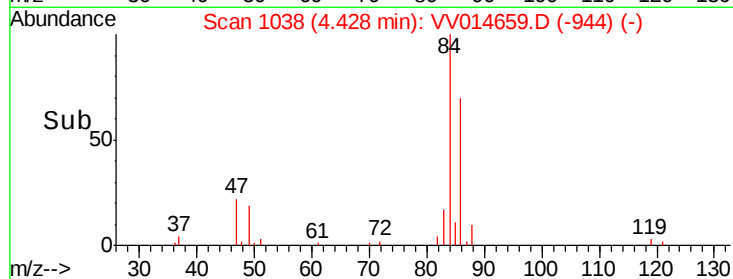
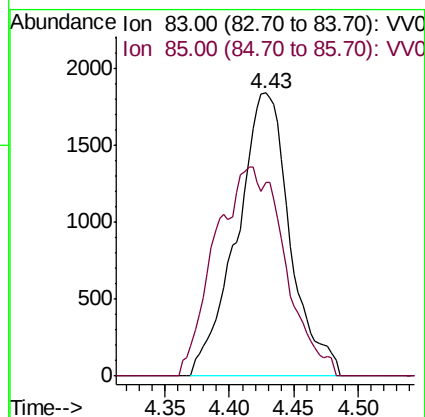
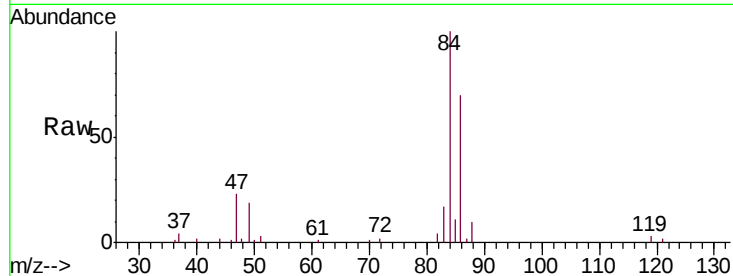




#25
Chloroform
Concen: 1.836 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV014659.D
Acq: 21 Feb 2020 17:39

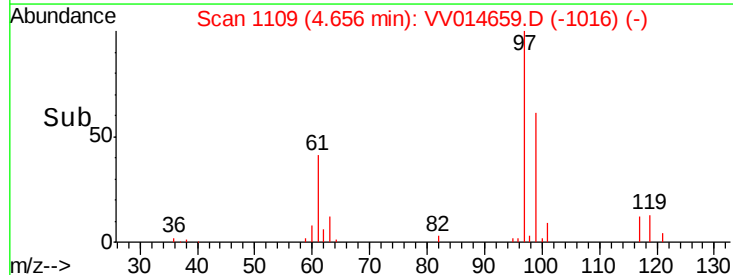
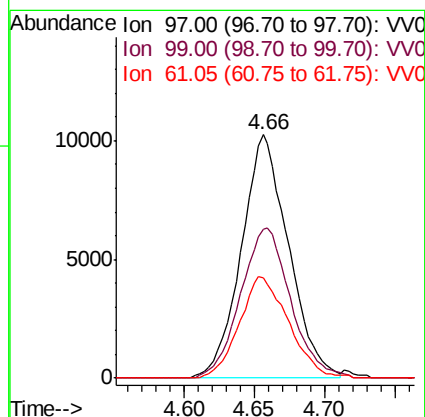
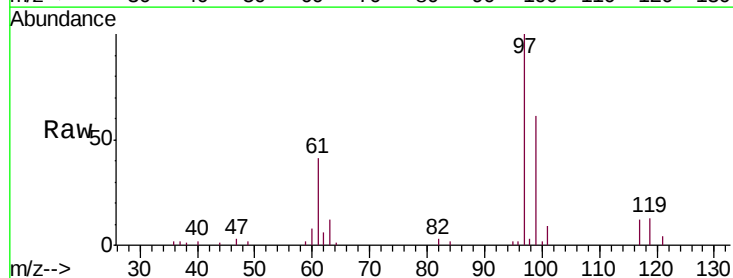
Instrument :
MSVOA_V
ClientSampleId :
C0AQ0

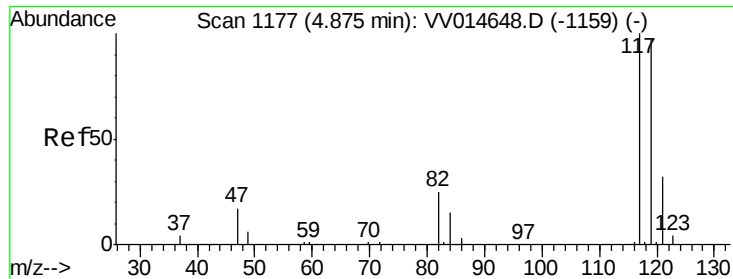
Tgt Ion: 83 Resp: 5276
Ion Ratio Lower Upper
83 100
85 68.3 46.1 85.7



#30
1,1,1-Trichloroethane
Concen: 9.461 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. 0.00 min
Lab File: VV014659.D
Acq: 21 Feb 2020 17:39

Tgt Ion: 97 Resp: 23960
Ion Ratio Lower Upper
97 100
99 65.5 52.0 78.0
61 43.6 31.4 47.0





#31

Carbon tetrachloride

Concen: 1.100 ug/L

RT: 4.66 min Scan# 1110

Delta R.T. -0.22 min

Lab File: VV014659.D

Acq: 21 Feb 2020 17:39

Instrument :

MSVOA_V

ClientSampleId :

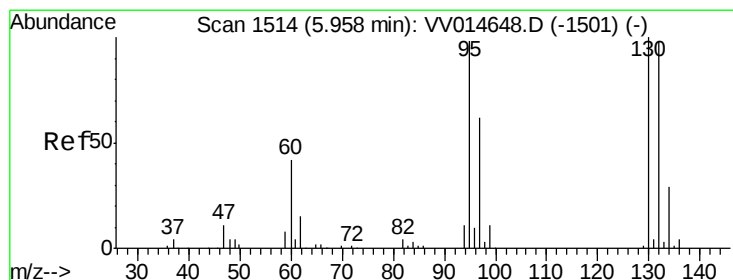
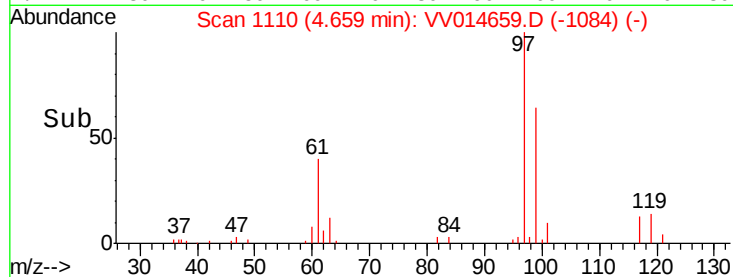
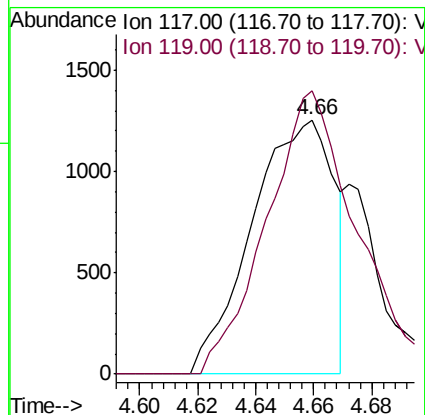
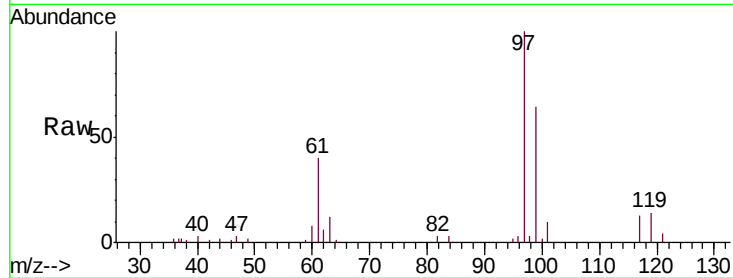
C0AQ0

Tgt Ion:117 Resp: 2465

Ion Ratio Lower Upper

117 100

119 121.7 76.9 115.3#



#34

Trichloroethene

Concen: 34.776 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV014659.D

Acq: 21 Feb 2020 17:39

Tgt Ion: 95 Resp: 56856

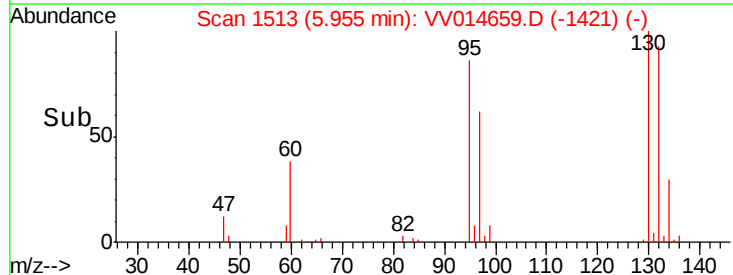
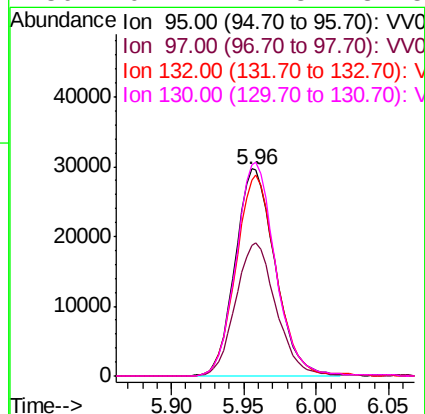
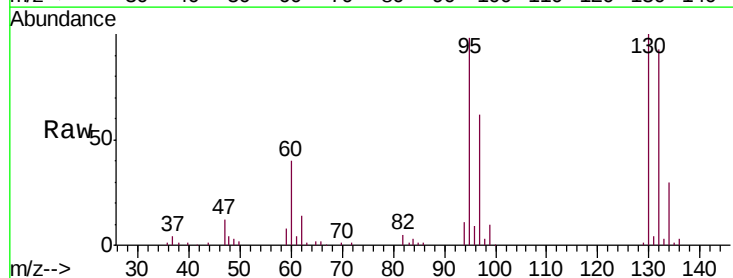
Ion Ratio Lower Upper

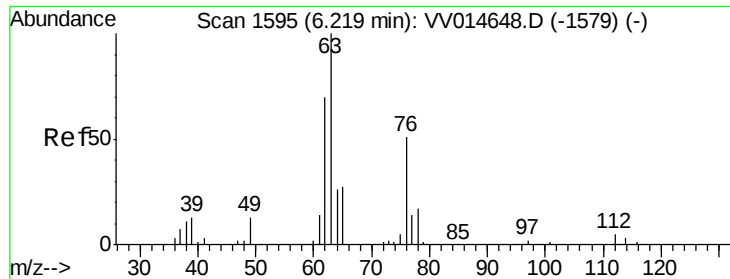
95 100

97 63.0 44.3 82.3

132 94.7 69.7 129.4

130 102.2 71.3 132.5

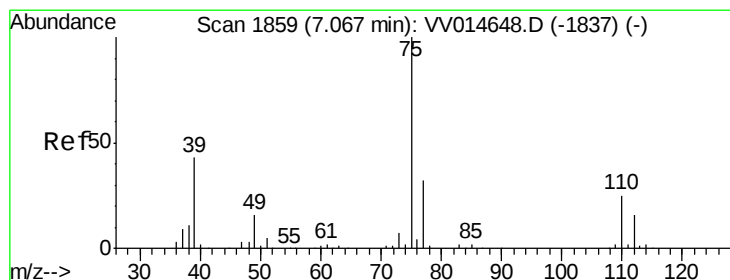
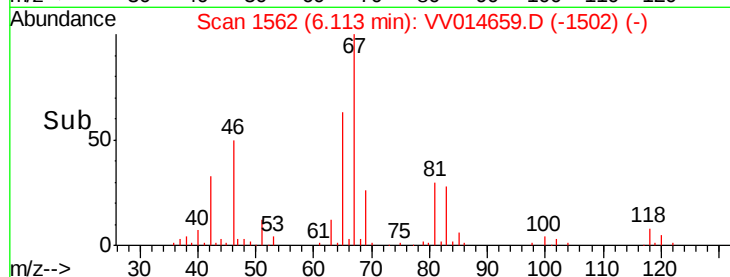
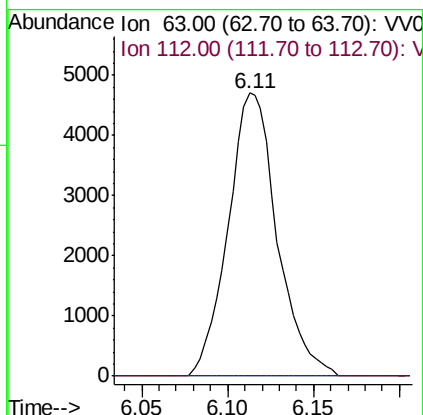
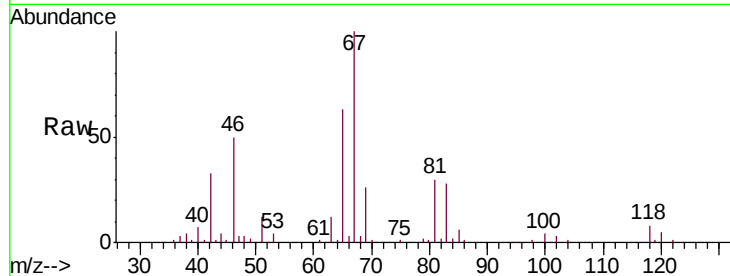




#37
 1,2-Dichloropropane
 Concen: 6.774 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV014659.D
 Acq: 21 Feb 2020 17:39

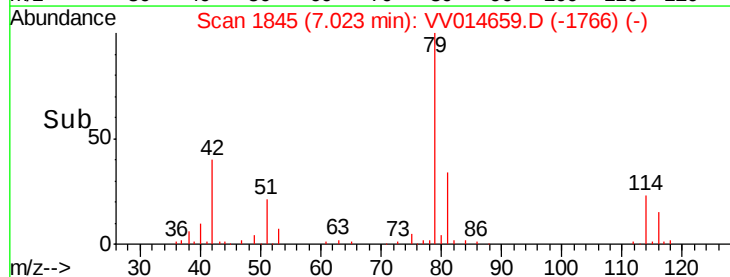
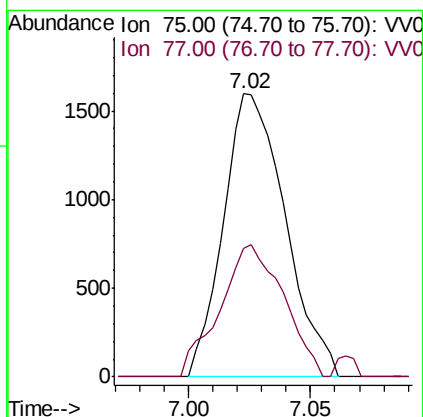
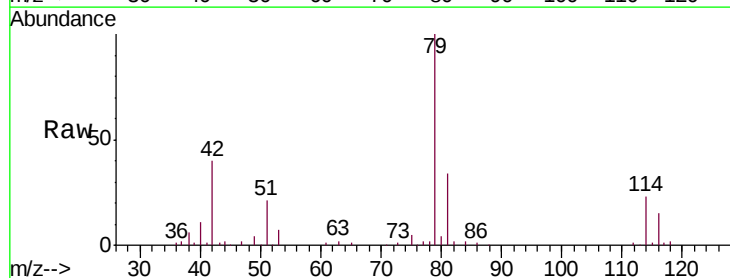
Instrument :
 MSVOA_V
 ClientSampled :
 C0AQ0

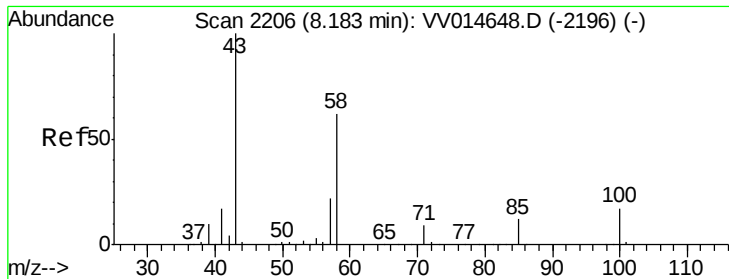
Tgt Ion: 63 Resp: 9305
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.146 ug/L
 RT: 7.02 min Scan# 1845
 Delta R.T. -0.04 min
 Lab File: VV014659.D
 Acq: 21 Feb 2020 17:39

Tgt Ion: 75 Resp: 2811
 Ion Ratio Lower Upper
 75 100
 77 45.4 22.4 41.6#





#48

2-Hexanone

Concen: 5.791 ug/L

RT: 8.14 min Scan# 2191

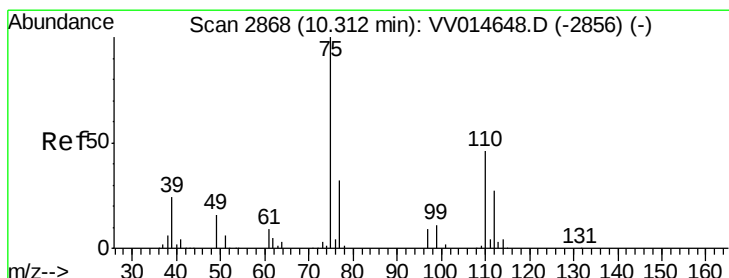
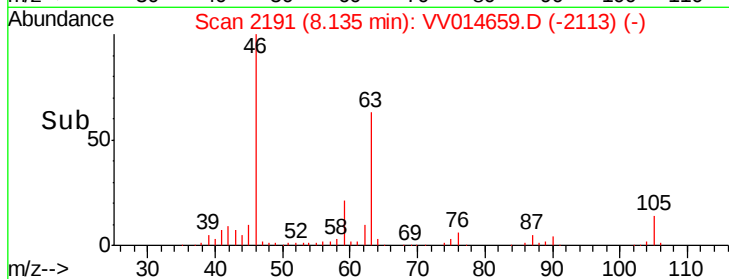
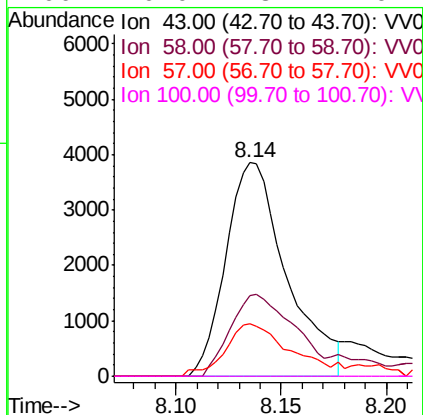
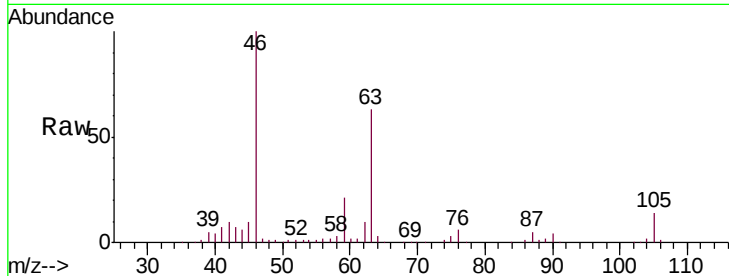
Delta R.T. -0.05 min

Lab File: VV014659.D

Acq: 21 Feb 2020 17:39

Instrument :
MSVOA_V
ClientSampleId :
C0AQ0

Tgt Ion:	43	Resp:	7729
Ion	Ratio	Lower	Upper
43	100		
58	40.1	49.4	74.2#
57	19.5	17.8	26.8
100	0.0	13.1	19.7#



#59

1,2,3-Trichloropropane

Concen: 6.127 ug/L

RT: 11.29 min Scan# 3171

Delta R.T. 0.97 min

Lab File: VV014659.D

Acq: 21 Feb 2020 17:39

Tgt Ion:	75	Resp:	11388
Ion	Ratio	Lower	Upper
75	100		
77	39.1	25.7	38.5#

