

Data File : VV014638.D
Acq On : 20 Feb 2020 20:54
Operator : SY/MD
Sample : L1607-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AQ2

Quant Time: Feb 21 03:37:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM021220WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 21 03:31:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	263714	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	243777	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	117009	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50327	49.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.38%
7) Chloroethane-d5	1.59	69	37743	52.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.98%
11) 1,1-Dichloroethene-d2	2.13	63	72199	42.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.44%
21) 2-Butanone-d5	3.94	46	86870	103.44	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.44%
24) Chloroform-d	4.40	84	144426	48.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.08	65	98725	53.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.78%
32) Benzene-d6	5.10	84	311289	53.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.80%
36) 1,2-Dichloropropane-d6	6.11	67	92523	52.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.38%
41) Toluene-d8	7.36	98	288703	51.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.94%
43) trans-1,3-Dichloropropene-	7.66	79	47818	49.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.78%
47) 2-Hexanone-d5	8.13	63	71058	101.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.27%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	122922	51.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.16%
64) 1,2-Dichlorobenzene-d4	11.67	152	111795	54.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.16%

Target Compounds

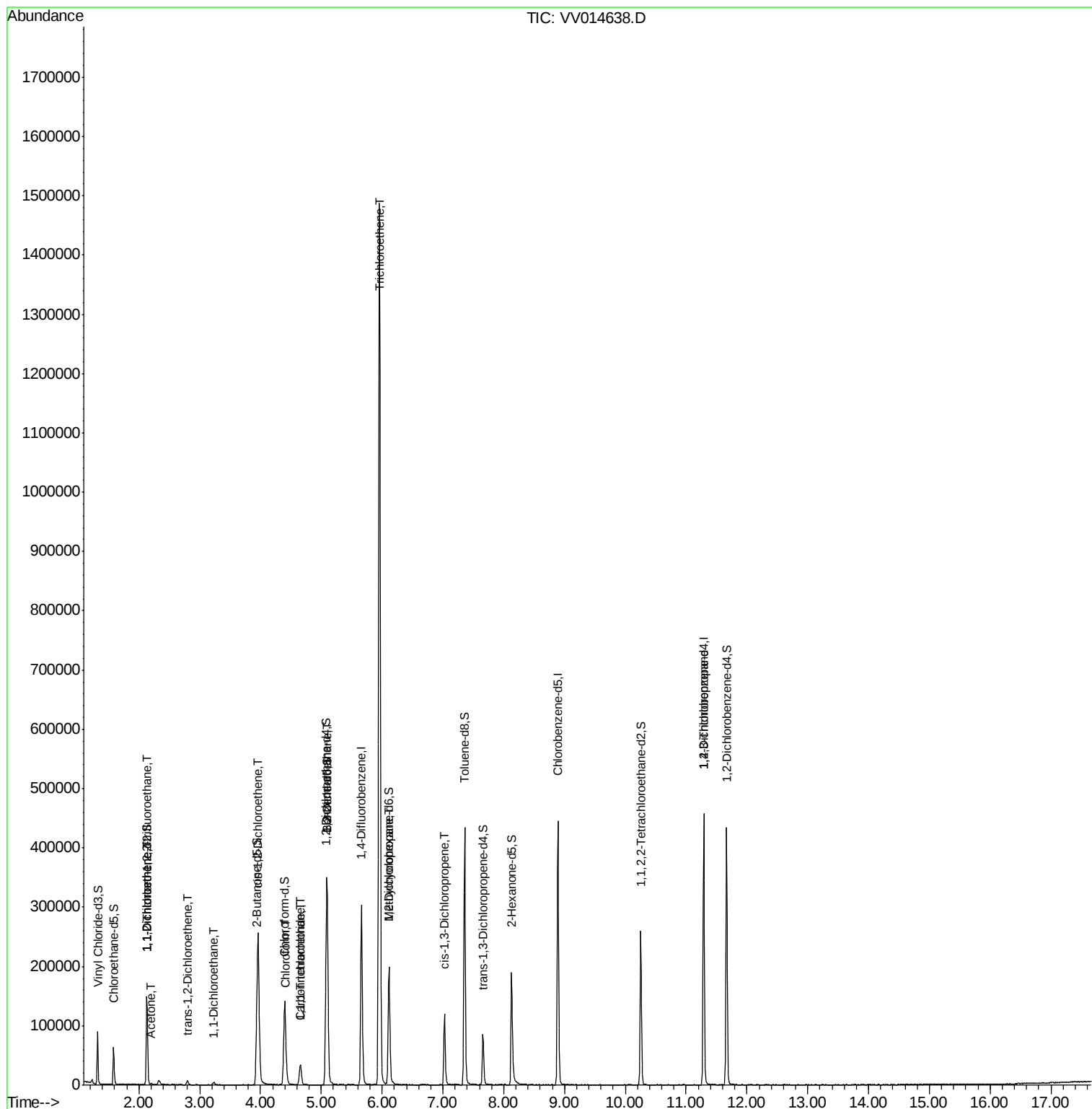
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	1065	1.224 ug/L #	40
12) 1,1-Dichloroethene	2.14	96	5298	6.551 ug/L #	1
13) Acetone	2.20	43	2066	2.867 ug/L	93
17) trans-1,2-Dichloroethene	2.80	96	2989	1.873 ug/L	96
19) 1,1-Dichloroethane	3.24	63	3957	1.414 ug/L	94
20) cis-1,2-Dichloroethene	3.96	96	135891	73.673 ug/L	97
25) Chloroform	4.42	83	10922	3.529 ug/L	98
27) 1,2-Dichloroethane	5.09	62	2020	0.885 ug/L	95
30) 1,1,1-Trichloroethane	4.66	97	27688	10.441 ug/L	99
31) Carbon tetrachloride	4.66	117	3481	1.454 ug/L	94
34) Trichloroethene	5.96	95	519432	300.742 ug/L	99
35) Methylcyclohexane	6.11	83	24046	8.892 ug/L #	20
39) cis-1,3-Dichloropropene	7.03	75	3116	1.117 ug/L #	45
59) 1,2,3-Trichloropropane	11.29	75	12826	6.306 ug/L #	88

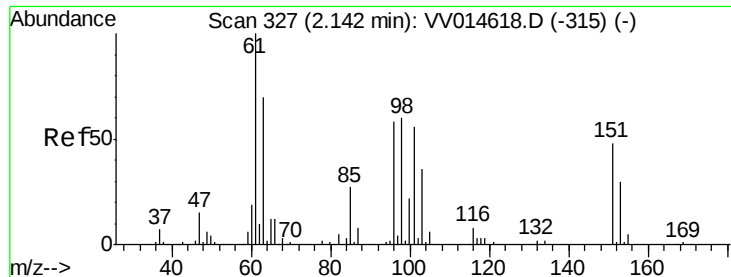
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV014638.D
Acq On : 20 Feb 2020 20:54
Operator : SY/MD
Sample : L1607-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AQ2

Quant Time: Feb 21 03:37:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM021220WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 21 03:31:59 2020
Response via : Initial Calibration





#10

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

Concen: 1.224 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV014638.D

Acq: 20 Feb 2020 20:54

Instrument :

MSVOA_V

ClientSampleId :

C0AQ2

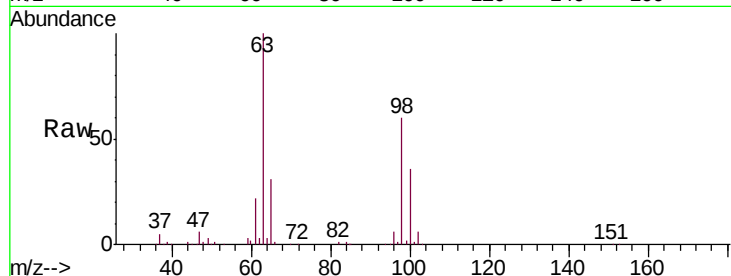
Tgt Ion: 101 Resp: 1065

Ion Ratio Lower Upper

101 100

85 6.1 35.4 53.0#

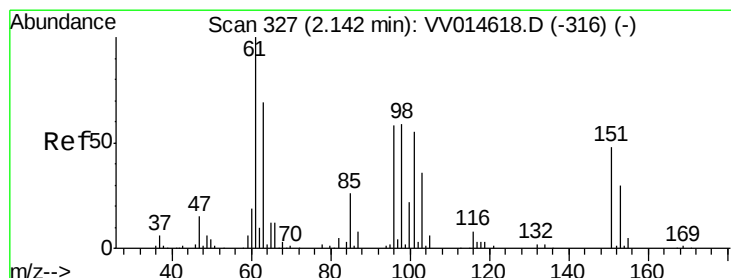
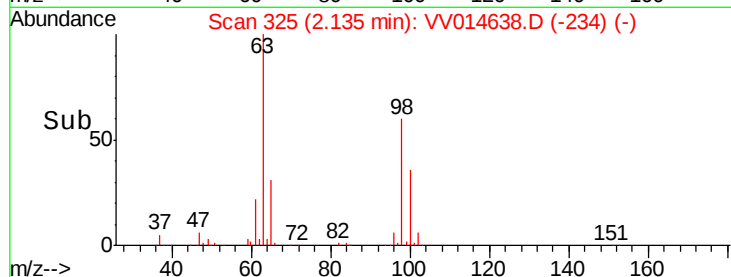
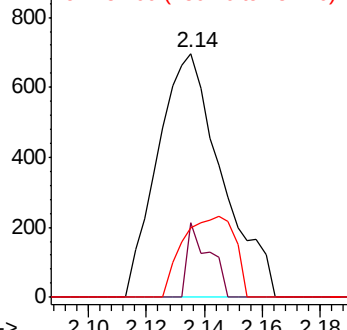
151 27.0 65.4 98.2#



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: 6.551 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.00 min

Lab File: VV014638.D

Acq: 20 Feb 2020 20:54

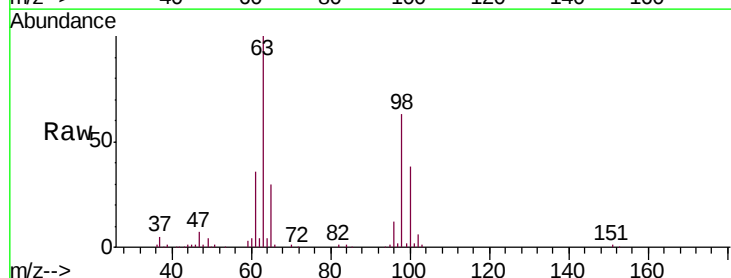
Tgt Ion: 96 Resp: 5298

Ion Ratio Lower Upper

96 100

61 287.7 124.2 230.6#

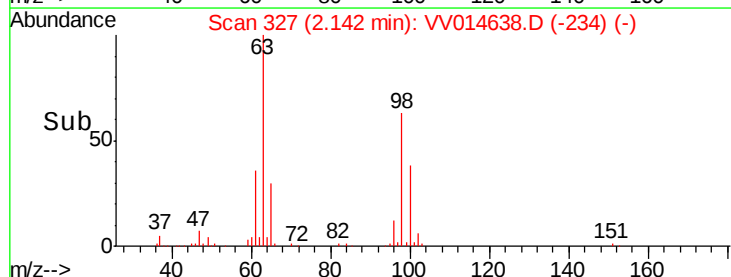
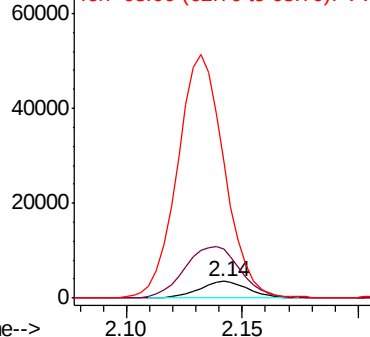
63 800.7 89.2 165.8#

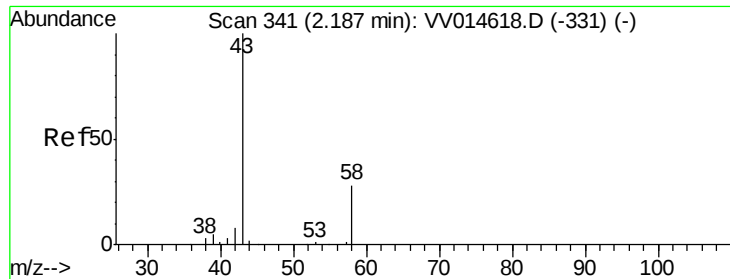


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 2.867 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.01 min

Lab File: VV014638.D

Acq: 20 Feb 2020 20:54

Instrument :

MSVOA_V

ClientSampleId :

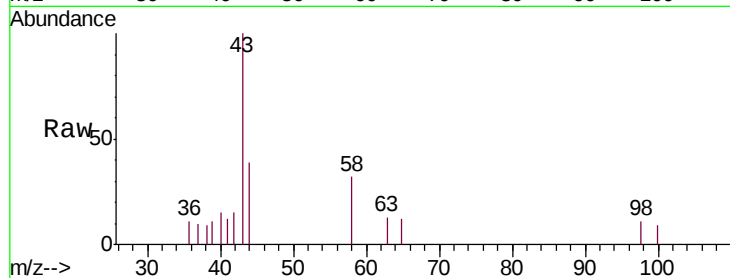
C0AQ2

Tgt Ion: 43 Resp: 2066

Ion Ratio Lower Upper

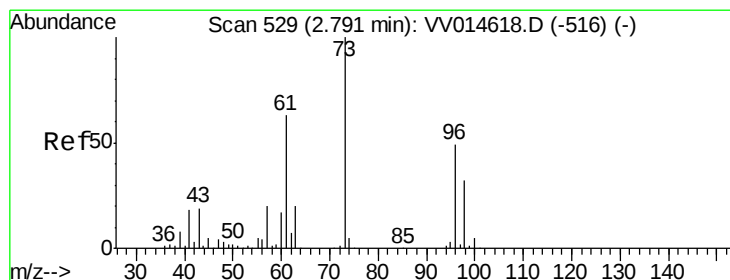
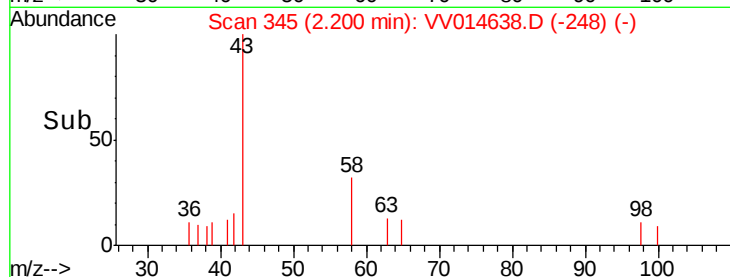
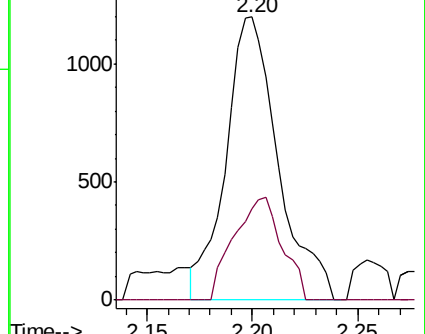
43 100

58 33.2 0.0 58.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#17

trans-1,2-Dichloroethene

Concen: 1.873 ug/L

RT: 2.80 min Scan# 531

Delta R.T. 0.01 min

Lab File: VV014638.D

Acq: 20 Feb 2020 20:54

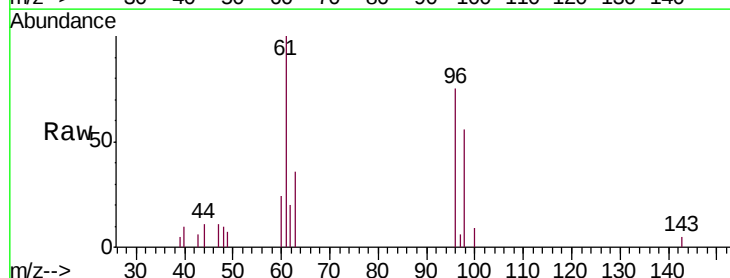
Tgt Ion: 96 Resp: 2989

Ion Ratio Lower Upper

96 100

61 132.6 93.0 172.6

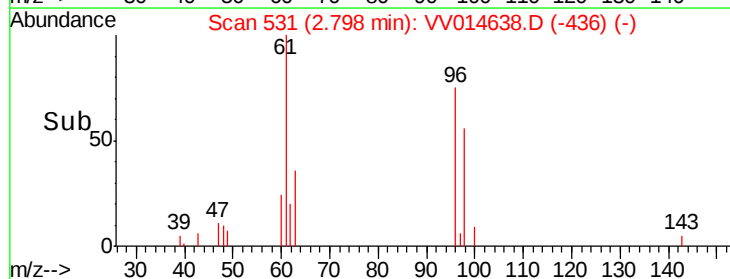
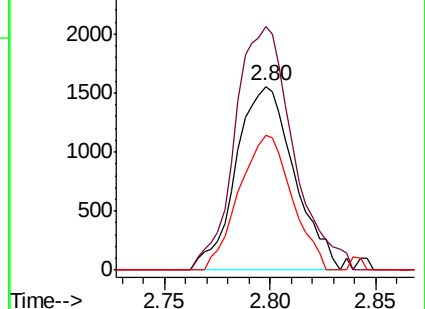
98 73.6 44.2 82.0

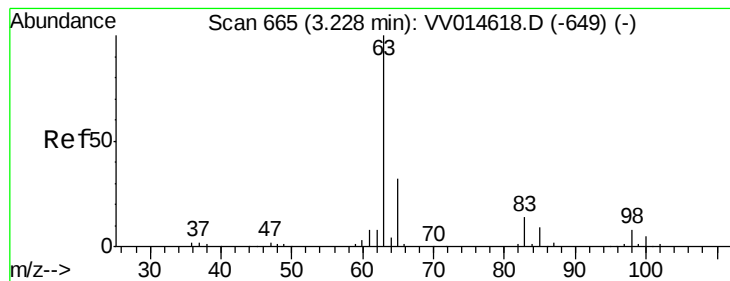


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#19

1,1-Dichloroethane

Concen: 1.414 ug/L

RT: 3.24 min Scan# 667

Delta R.T. 0.01 min

Lab File: VV014638.D

Acq: 20 Feb 2020 20:54

Instrument :

MSVOA_V

ClientSampled :

C0AQ2

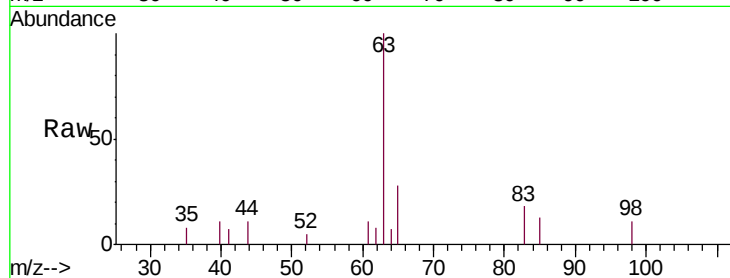
Tgt Ion: 63 Resp: 3957

Ion Ratio Lower Upper

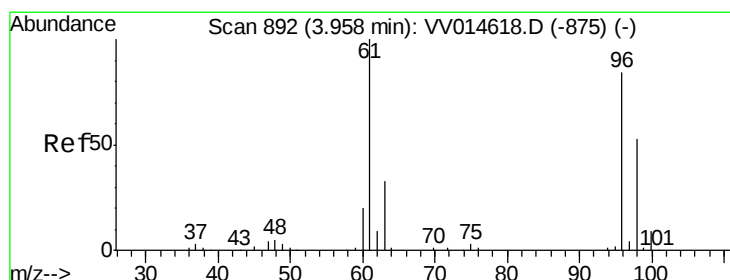
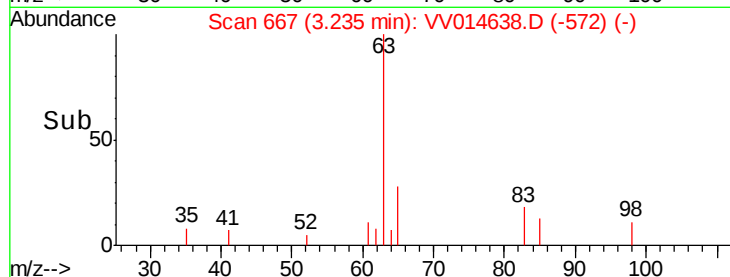
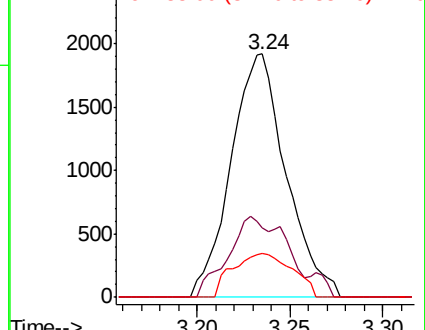
63 100

65 28.3 22.2 41.2

83 17.8 10.4 19.2



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 65.00 (64.70 to 65.70): VV0
Ion 83.00 (82.70 to 83.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 73.673 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.00 min

Lab File: VV014638.D

Acq: 20 Feb 2020 20:54

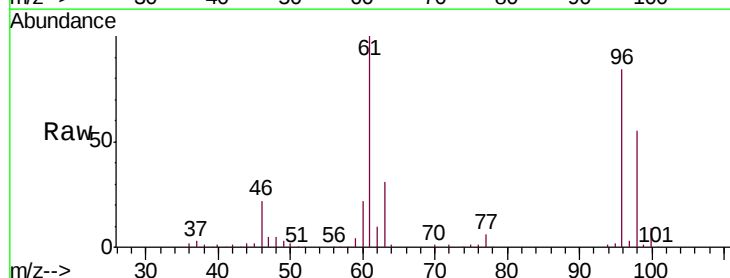
Tgt Ion: 96 Resp: 135891

Ion Ratio Lower Upper

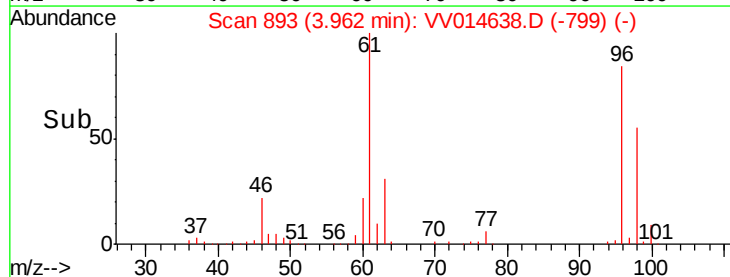
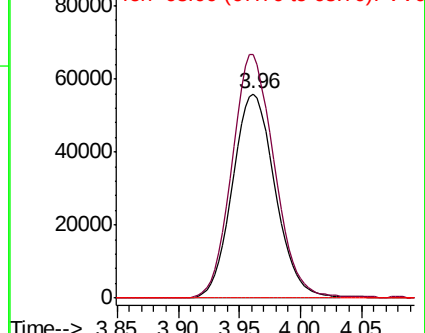
96 100

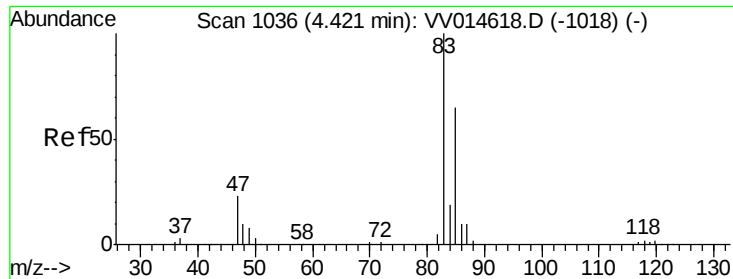
61 119.0 85.9 159.5

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0

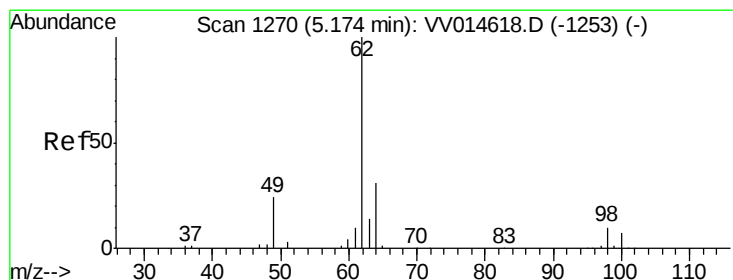
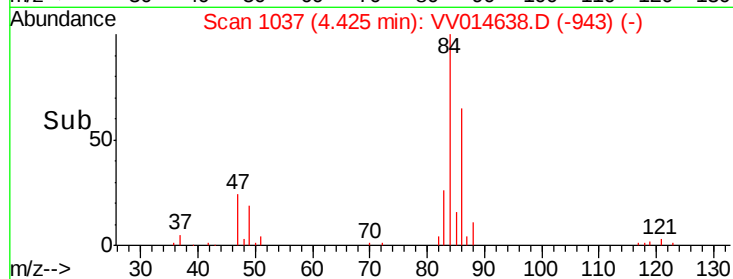
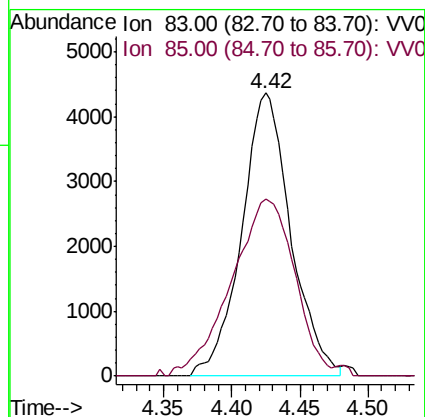
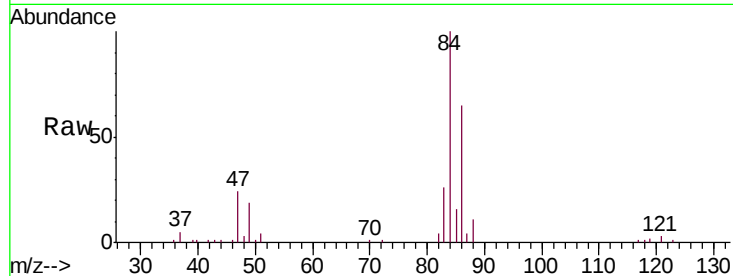




#25
Chloroform
Concen: 3.529 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV014638.D
Acq: 20 Feb 2020 20:54

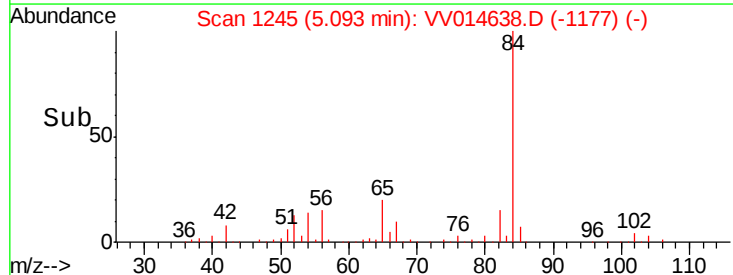
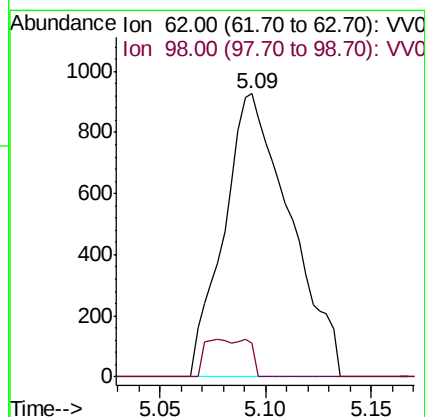
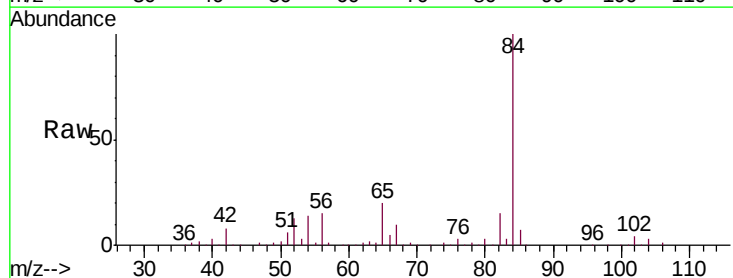
Instrument :
MSVOA_V
ClientSampleId :
C0AQ2

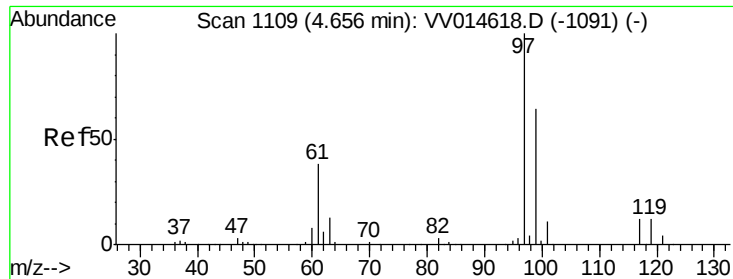
Tgt Ion: 83 Resp: 10922
Ion Ratio Lower Upper
83 100
85 62.4 45.0 83.6



#27
1,2-Dichloroethane
Concen: 0.885 ug/L
RT: 5.09 min Scan# 1245
Delta R.T. -0.08 min
Lab File: VV014638.D
Acq: 20 Feb 2020 20:54

Tgt Ion: 62 Resp: 2020
Ion Ratio Lower Upper
62 100
98 11.8 7.9 11.9

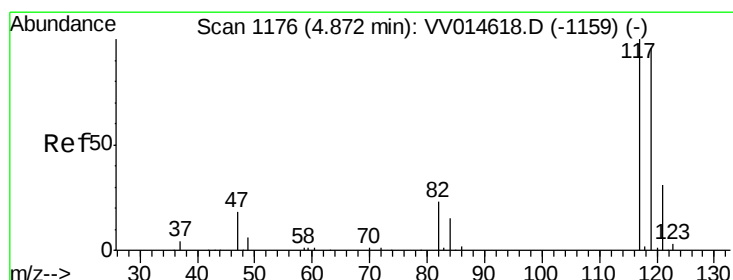
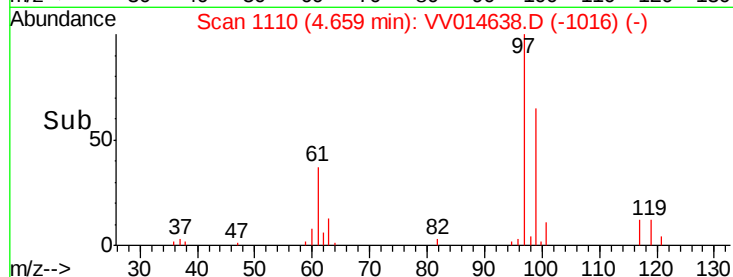
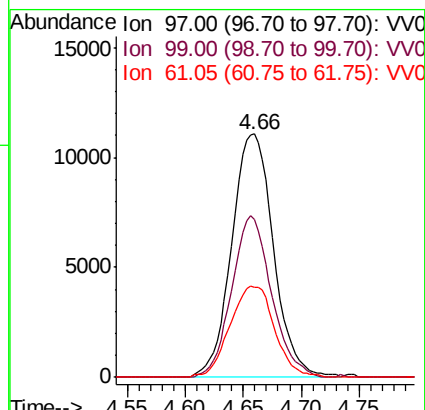
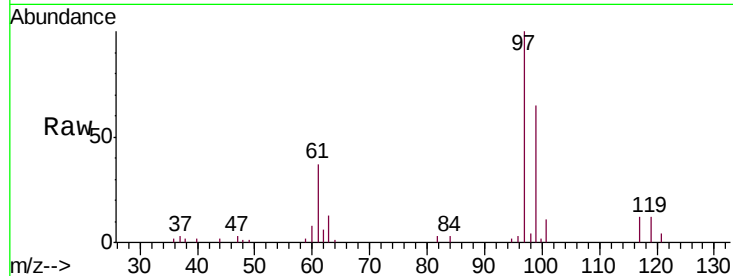




#30
 1,1,1-Trichloroethane
 Concen: 10.441 ug/L
 RT: 4.66 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VV014638.D
 Acq: 20 Feb 2020 20:54

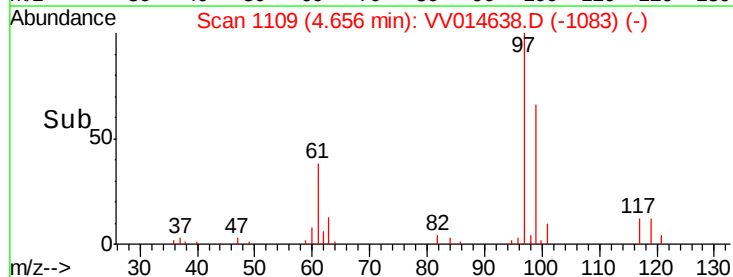
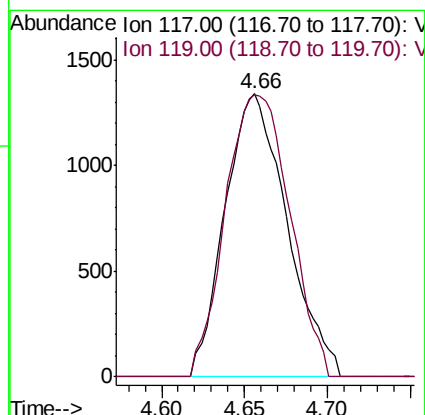
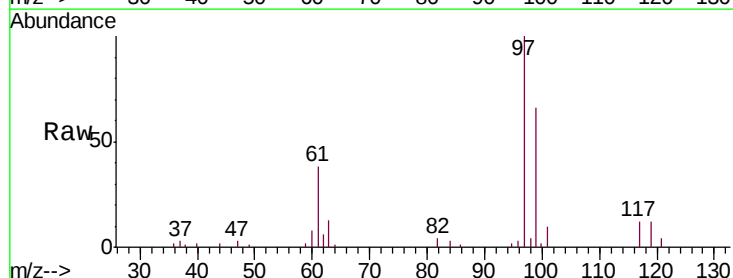
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ2

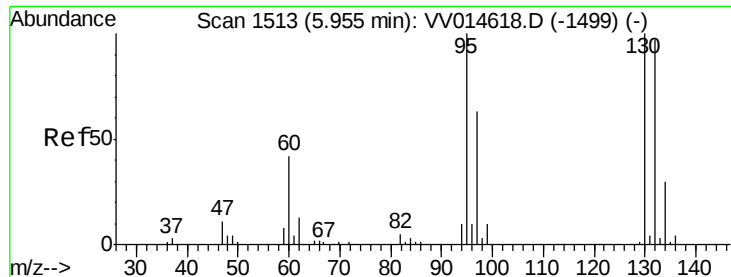
Tgt Ion: 97 Resp: 27688
 Ion Ratio Lower Upper
 97 100
 99 63.1 51.2 76.8
 61 40.0 32.4 48.6



#31
 Carbon tetrachloride
 Concen: 1.454 ug/L
 RT: 4.66 min Scan# 1109
 Delta R.T. -0.22 min
 Lab File: VV014638.D
 Acq: 20 Feb 2020 20:54

Tgt Ion: 117 Resp: 3481
 Ion Ratio Lower Upper
 117 100
 119 103.4 77.6 116.4





#34

Trichloroethene

Concen: 300.742 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV014638.D

Acq: 20 Feb 2020 20:54

Instrument :

MSVOA_V

ClientSampleId :

C0AQ2

Tgt Ion: 95 Resp: 519432

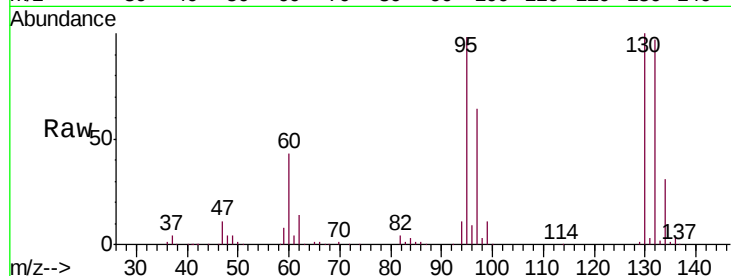
Ion Ratio Lower Upper

95 100

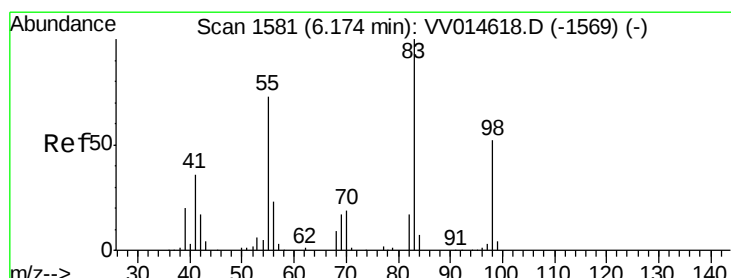
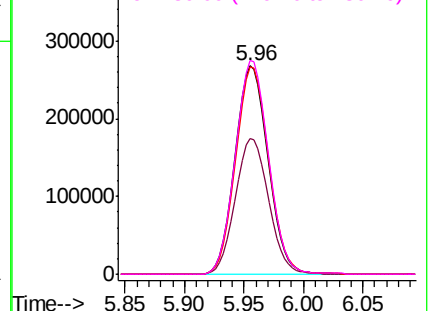
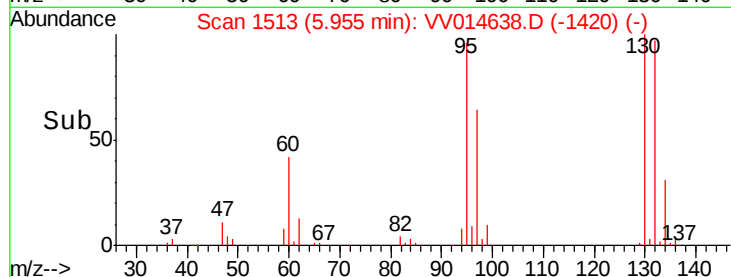
97 65.4 45.3 84.1

132 99.4 69.6 129.2

130 102.5 74.0 137.4



Abundance Ion 95.00 (94.70 to 95.70): VV014638.D (-1420) (-)



#35

Methylcyclohexane

Concen: 8.892 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV014638.D

Acq: 20 Feb 2020 20:54

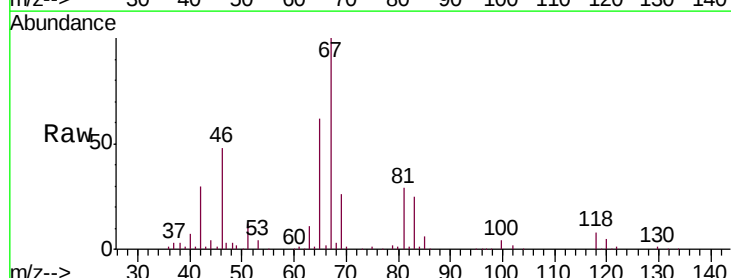
Tgt Ion: 83 Resp: 24046

Ion Ratio Lower Upper

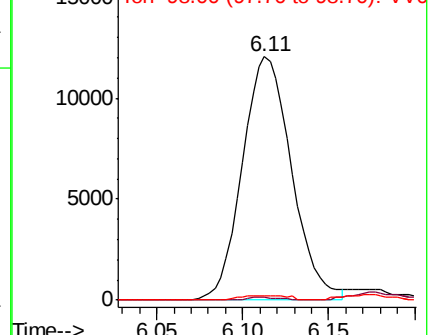
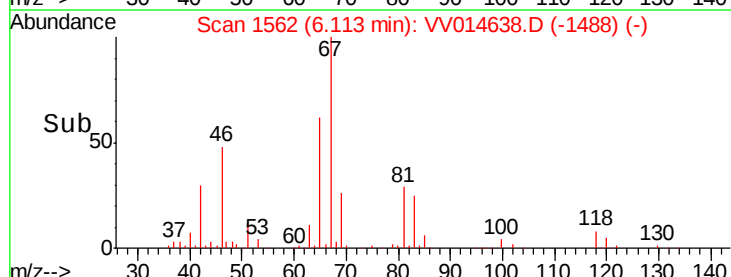
83 100

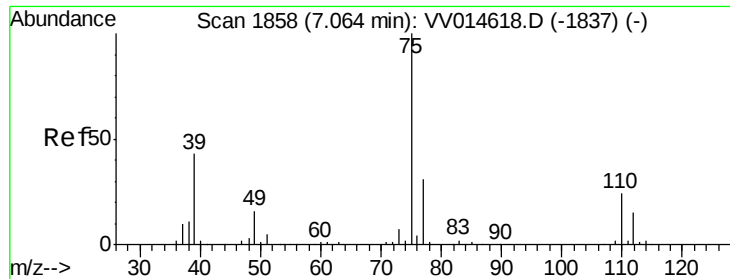
55 0.5 57.8 86.6#

98 1.2 39.7 59.5#



Abundance Ion 83.00 (82.70 to 83.70): VV014638.D (-1488) (-)



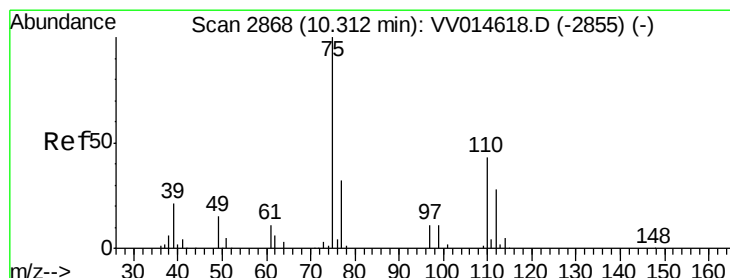
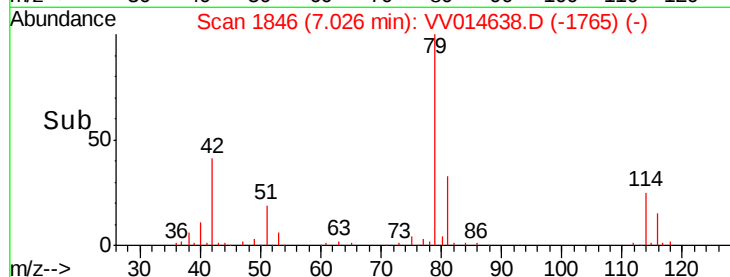
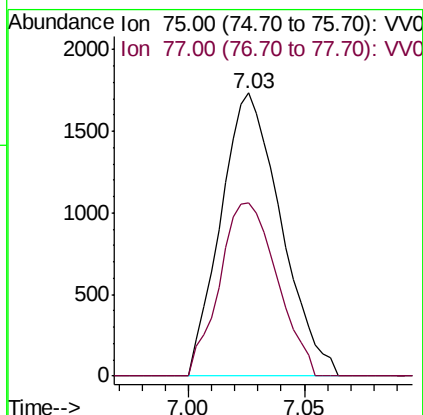
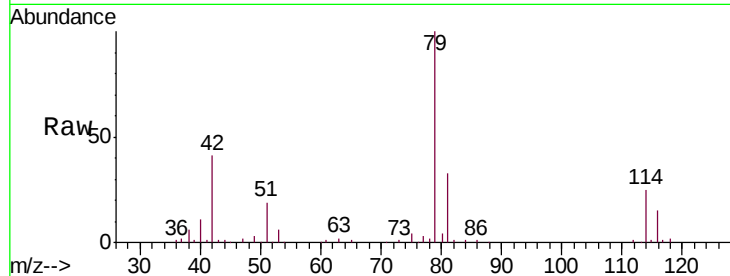


#39

cis-1,3-Dichloropropene
 Concen: 1.117 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV014638.D
 Acq: 20 Feb 2020 20:54

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ2

Tgt Ion: 75 Resp: 3116
 Ion Ratio Lower Upper
 75 100
 77 61.1 21.7 40.3#



#59

1,2,3-Trichloropropane
 Concen: 6.306 ug/L
 RT: 11.29 min Scan# 3172
 Delta R.T. 0.98 min
 Lab File: VV014638.D
 Acq: 20 Feb 2020 20:54

Tgt Ion: 75 Resp: 12826
 Ion Ratio Lower Upper
 75 100
 77 39.3 25.9 38.9#

