

Data File : VV008479.D
Acq On : 30 Oct 2018 19:43
Operator : SY/MD
Sample : J5716-18
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETBQ9

Quant Time: Oct 31 07:19:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 31 07:14:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	189936	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	172418	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	71666	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49105	46.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.38%
7) Chloroethane-d5	1.56	69	36363	47.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.78%
11) 1,1-Dichloroethene-d2	2.13	63	66154	34.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.66%
21) 2-Butanone-d5	3.94	46	102196	89.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.42%
24) Chloroform-d	4.41	84	117582	45.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.66%
26) 1,2-Dichloroethane-d4	5.09	65	81261	46.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.72%
32) Benzene-d6	5.10	84	243683	49.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.12	67	82474	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.72%
41) Toluene-d8	7.36	98	218635	49.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.02%
43) trans-1,3-Dichloropropene-	7.67	79	38165	46.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.12%
47) 2-Hexanone-d5	8.14	63	81696	91.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.74%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	109775	47.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.06%
64) 1,2-Dichlorobenzene-d4	11.68	152	73023	49.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.62%

Target Compounds

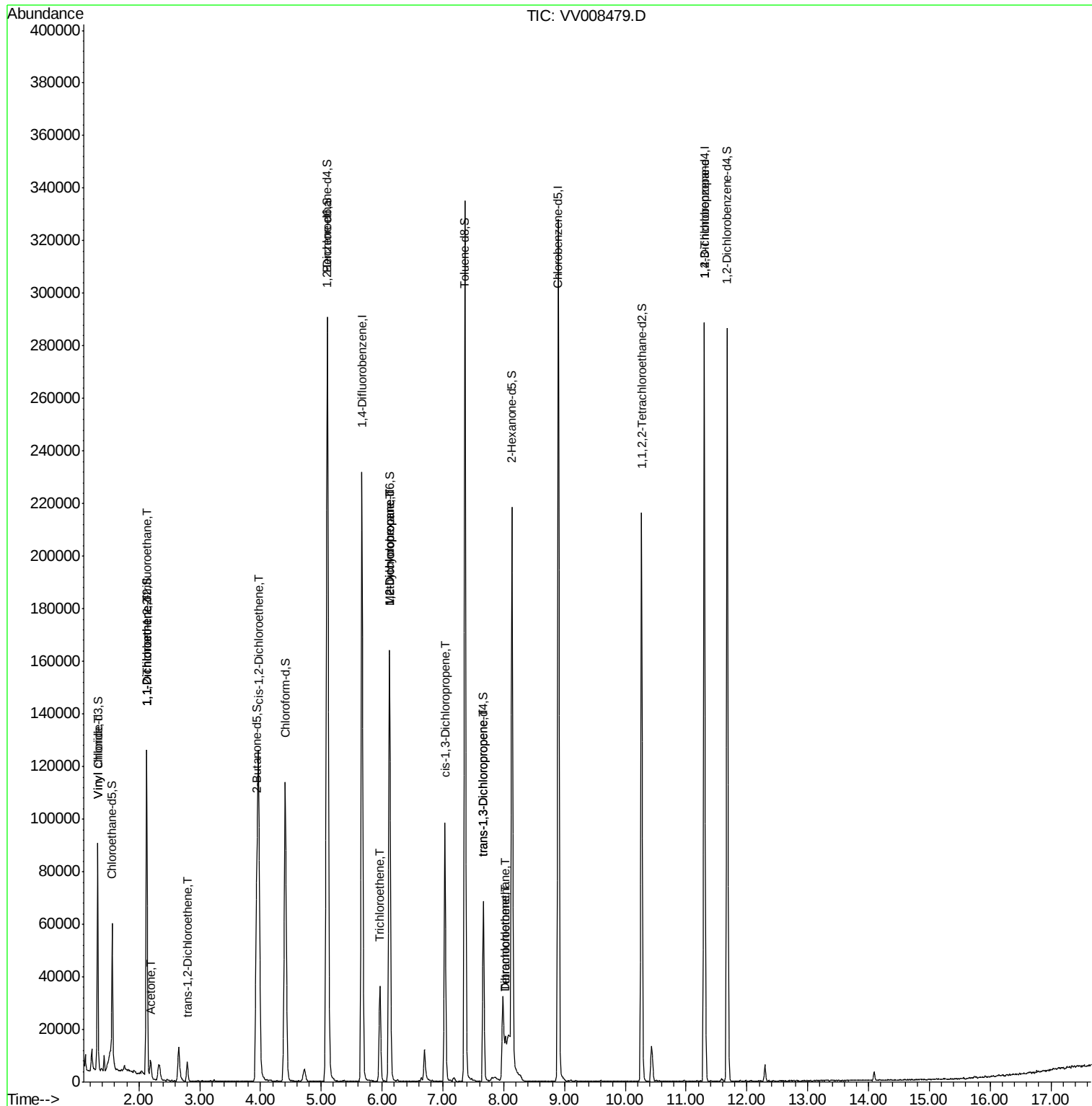
					Qvalue	
5) Vinyl chloride	1.33	62	2102	1.561	ug/L #	26
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	504	0.557	ug/L #	20
12) 1,1-Dichloroethene	2.14	96	674	0.791	ug/L #	1
13) Acetone	2.20	43	4740	5.344	ug/L	95
17) trans-1,2-Dichloroethene	2.79	96	2699	2.078	ug/L	95
20) cis-1,2-Dichloroethene	3.97	96	60004	40.544	ug/L	96
34) Trichloroethene	5.96	95	12983	8.998	ug/L	98
35) Methylcyclohexane	6.12	83	18570	7.570	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	8735	5.612	ug/L #	89
39) cis-1,3-Dichloropropene	7.04	75	2292	0.937	ug/L #	63
44) trans-1,3-Dichloropropene	7.67	75	1536	0.671	ug/L #	67
46) Tetrachloroethene	8.02	164	1452	1.544	ug/L	86
49) Dibromochloromethane	8.03	129	1347	0.911	ug/L #	10
59) 1,2,3-Trichloropropane	11.30	75	9705	4.975	ug/L	95

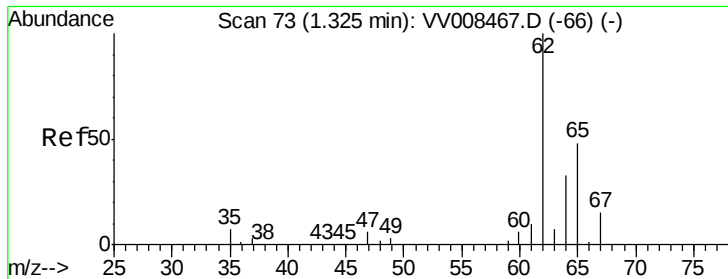
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Oct 31 07:14:32 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.561 ug/L

RT: 1.33 min Scan# 73

Delta R.T. -0.00 min

Lab File: VV008479.D

Acq: 30 Oct 2018 19:43

Instrument :

MSVOA_V

ClientSampleId :

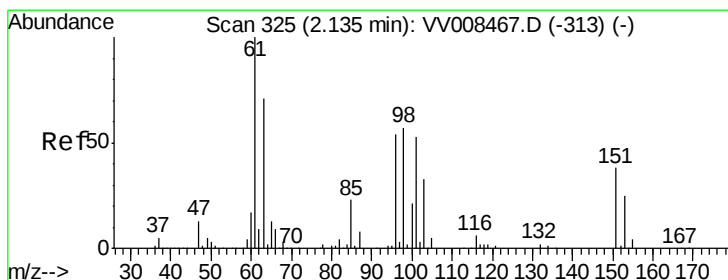
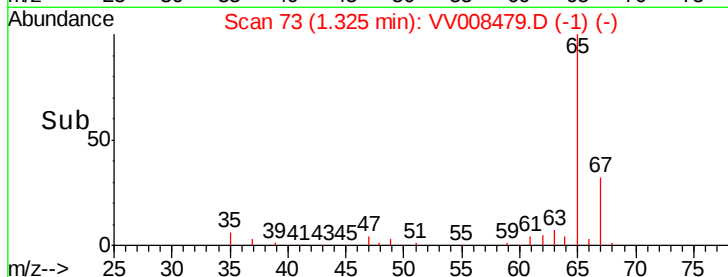
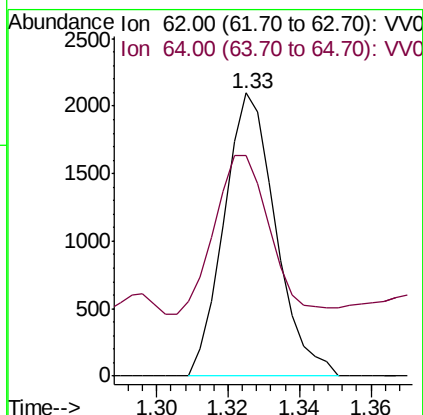
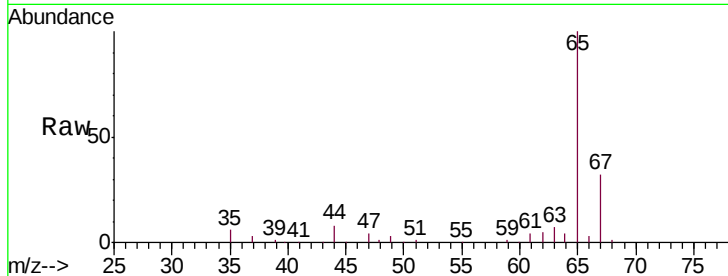
ETBQ9

Tgt Ion: 62 Resp: 2102

Ion Ratio Lower Upper

62 100

64 78.0 24.4 45.4#



#10

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

Concen: 0.557 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV008479.D

Acq: 30 Oct 2018 19:43

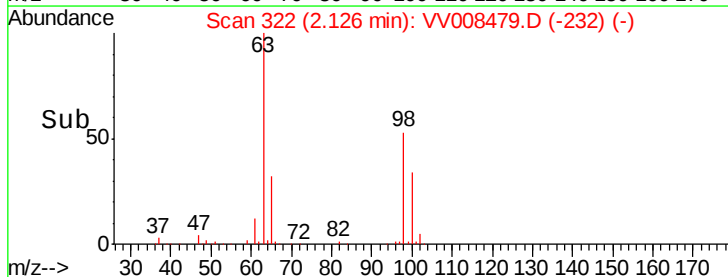
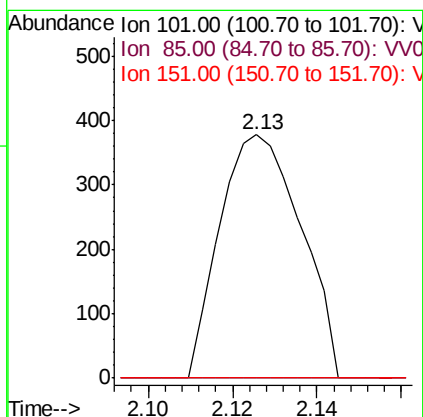
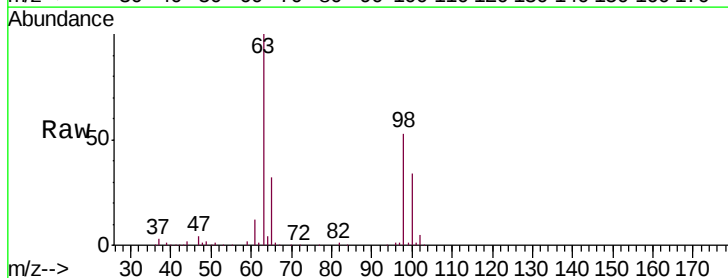
Tgt Ion: 101 Resp: 504

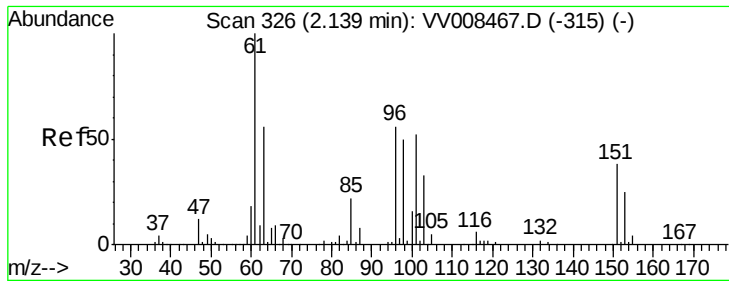
Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

151 0.0 58.1 87.1#

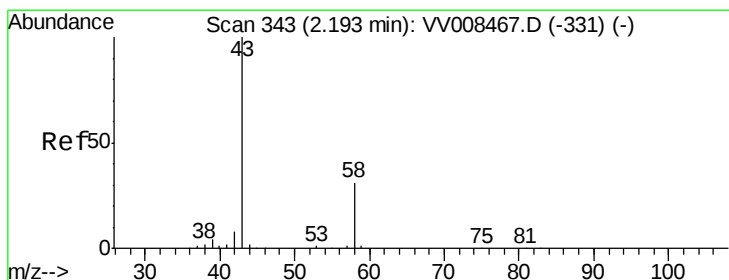
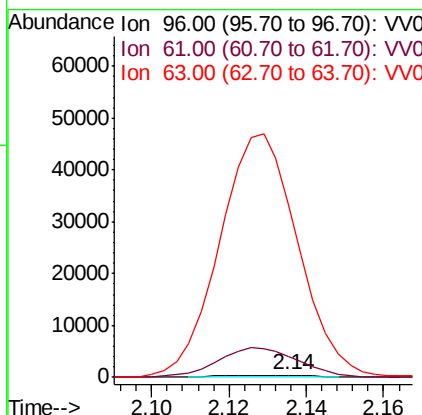
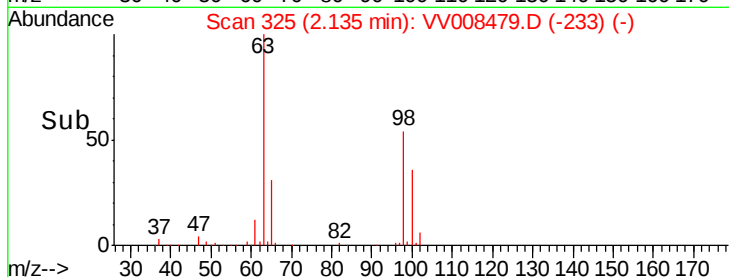
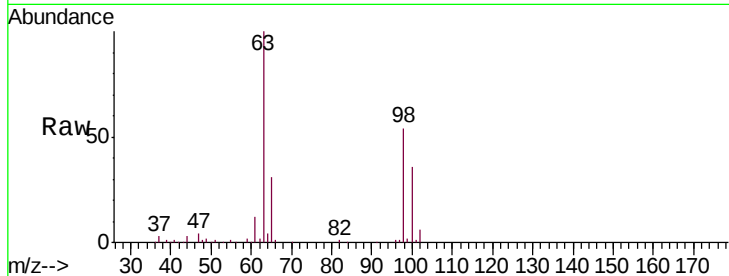




#12
 1,1-Dichloroethene
 Concen: 0.791 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. -0.00 min
 Lab File: VV008479.D
 Acq: 30 Oct 2018 19:43

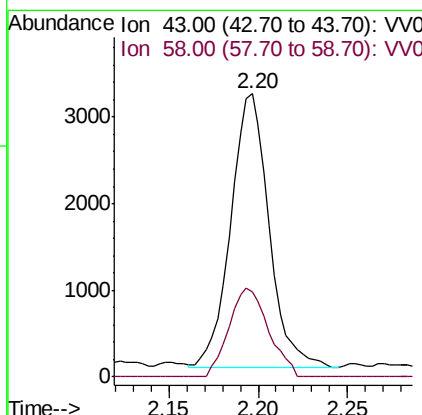
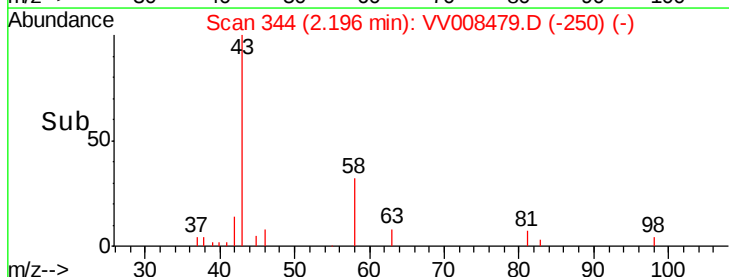
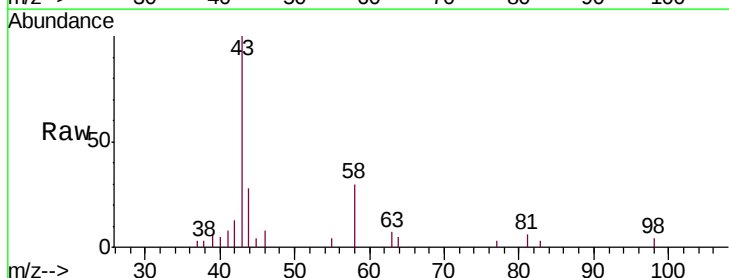
Instrument :
 MSVOA_V
 ClientSampled :
 ETBQ9

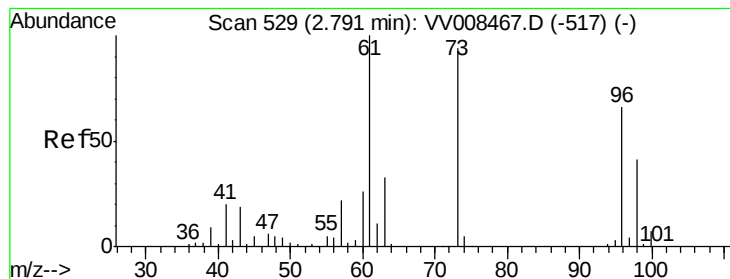
Tgt Ion: 96 Resp: 674
 Ion Ratio Lower Upper
 96 100
 61 923.8 130.3 242.1#
 63 7811.7 84.4 156.8#



#13
 Acetone
 Concen: 5.344 ug/L
 RT: 2.20 min Scan# 344
 Delta R.T. 0.00 min
 Lab File: VV008479.D
 Acq: 30 Oct 2018 19:43

Tgt Ion: 43 Resp: 4740
 Ion Ratio Lower Upper
 43 100
 58 33.3 0.0 61.4





#17

trans-1,2-Dichloroethene

Concen: 2.078 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.00 min

Lab File: VV008479.D

Acq: 30 Oct 2018 19:43

Instrument :

MSVOA_V

ClientSampleId :

ETBQ9

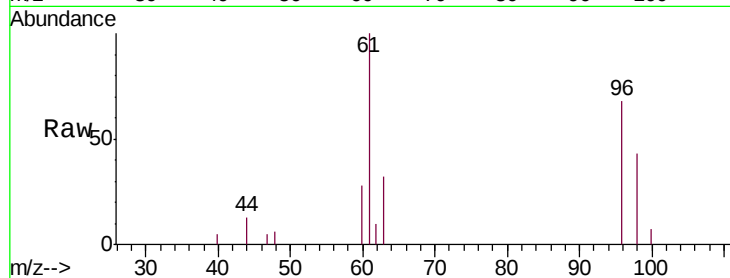
Tgt Ion: 96 Resp: 2699

Ion Ratio Lower Upper

96 100

61 147.1 108.6 201.6

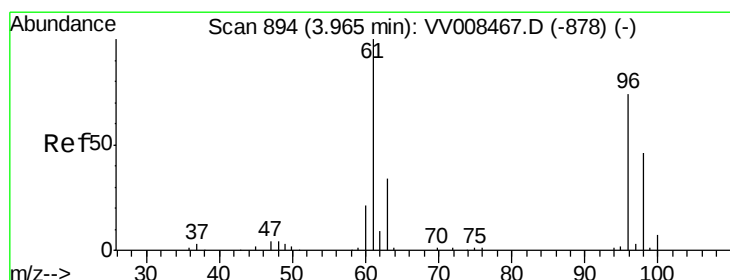
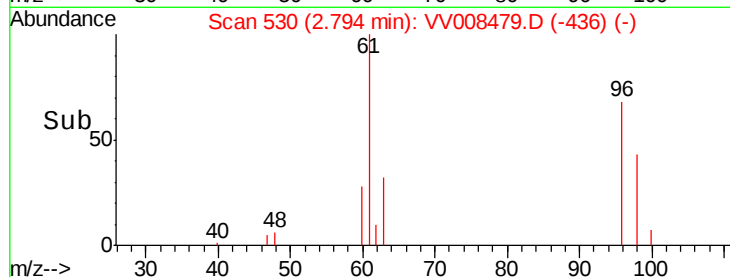
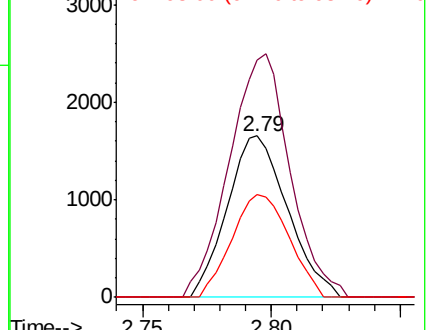
98 63.9 44.3 82.3



Abundance Ion 96.00 (95.70 to 96.70): VV008467.D (-517) (-)

Ion 61.00 (60.70 to 61.70): VV008467.D (-517) (-)

Ion 98.00 (97.70 to 98.70): VV008467.D (-517) (-)



#20

cis-1,2-Dichloroethene

Concen: 40.544 ug/L

RT: 3.97 min Scan# 895

Delta R.T. 0.00 min

Lab File: VV008479.D

Acq: 30 Oct 2018 19:43

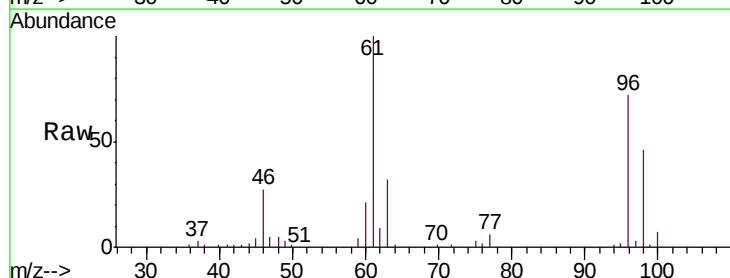
Tgt Ion: 96 Resp: 60004

Ion Ratio Lower Upper

96 100

61 138.7 100.9 187.5

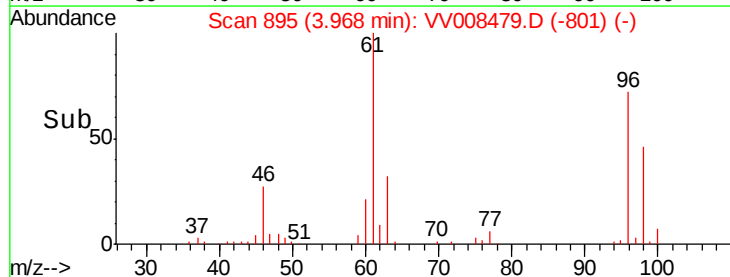
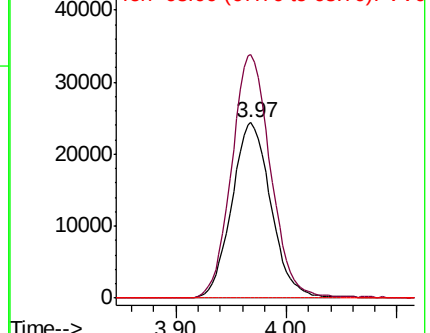
68 0.0 0.0 0.0

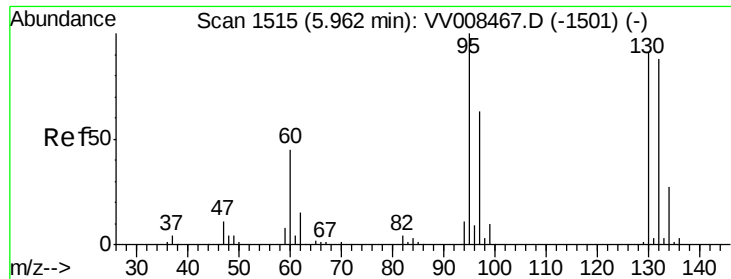


Abundance Ion 96.00 (95.70 to 96.70): VV008467.D (-878) (-)

Ion 61.00 (60.70 to 61.70): VV008467.D (-878) (-)

Ion 68.00 (67.70 to 68.70): VV008467.D (-878) (-)

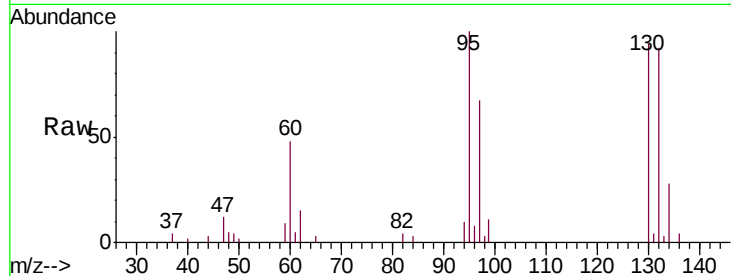




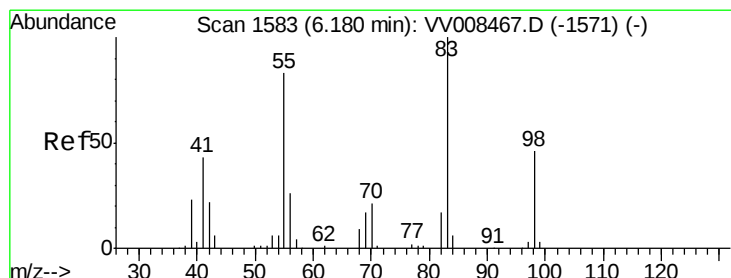
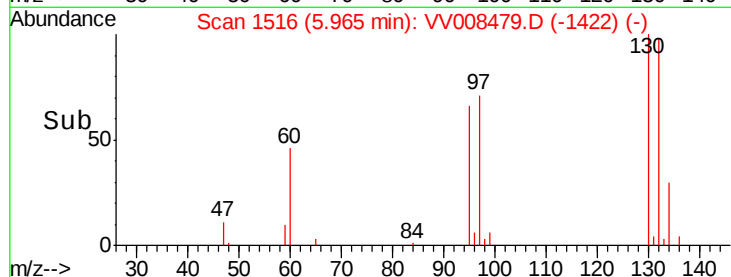
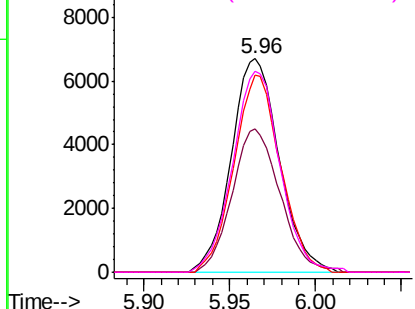
#34
 Trichloroethene
 Concen: 8.998 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: VV008479.D
 Acq: 30 Oct 2018 19:43

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBQ9

Tgt Ion: 95 Resp: 12983
 Ion Ratio Lower Upper
 95 100
 97 67.0 45.2 84.0
 132 92.2 63.8 118.6
 130 93.8 64.7 120.1

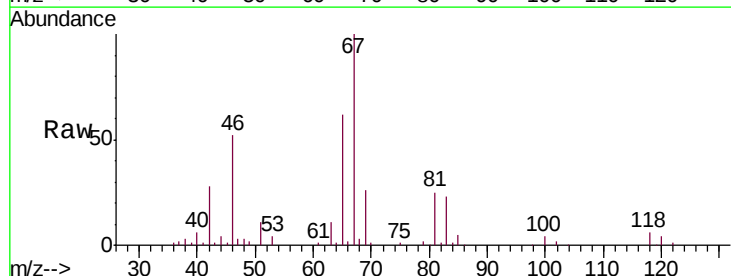


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

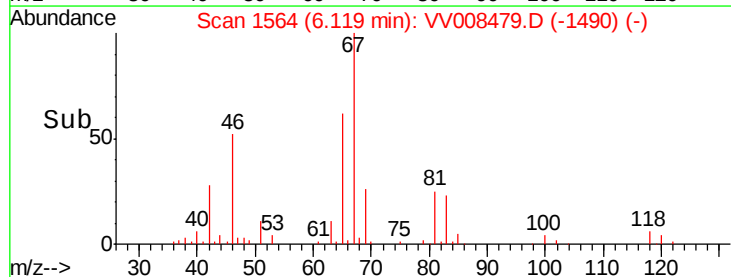
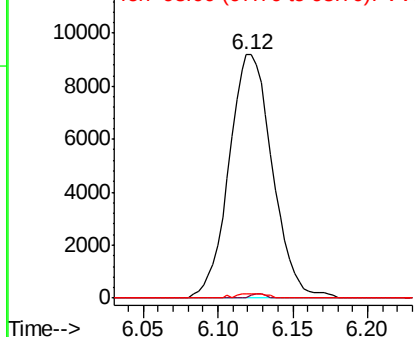


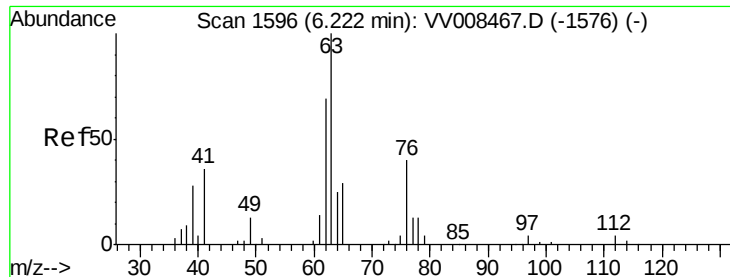
#35
 Methylcyclohexane
 Concen: 7.570 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.06 min
 Lab File: VV008479.D
 Acq: 30 Oct 2018 19:43

Tgt Ion: 83 Resp: 18570
 Ion Ratio Lower Upper
 83 100
 55 0.5 65.0 97.4#
 98 1.2 36.0 54.0#



Abundance Ion 83.00 (82.70 to 83.70): VV0
 Ion 55.00 (54.70 to 55.70): VV0
 Ion 98.00 (97.70 to 98.70): VV0

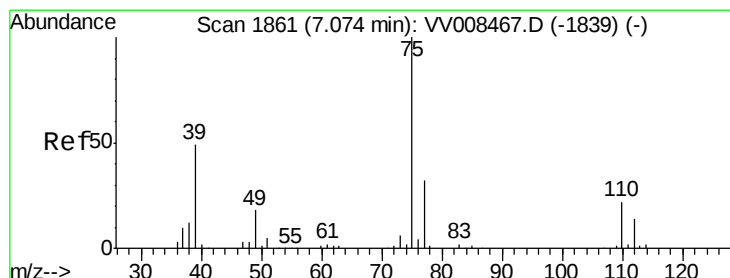
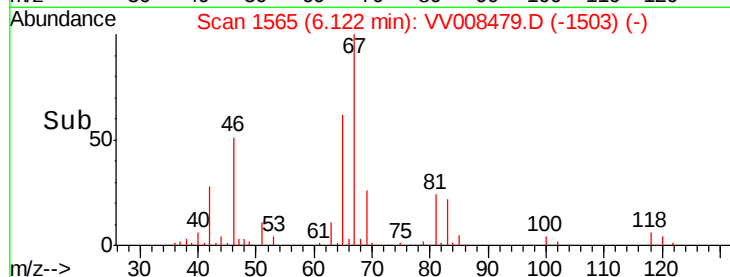
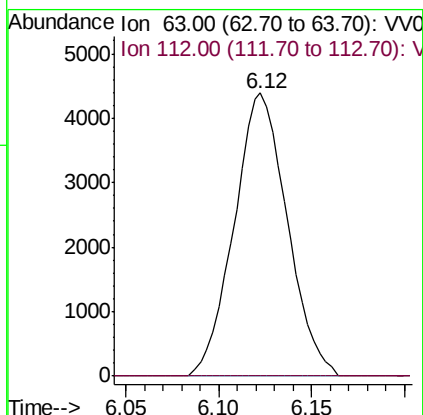
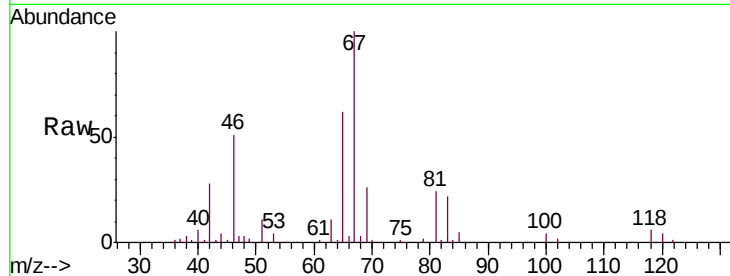




#37
 1,2-Dichloropropane
 Concen: 5.612 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008479.D
 Acq: 30 Oct 2018 19:43

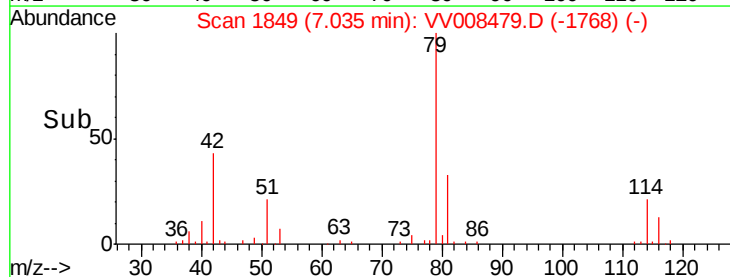
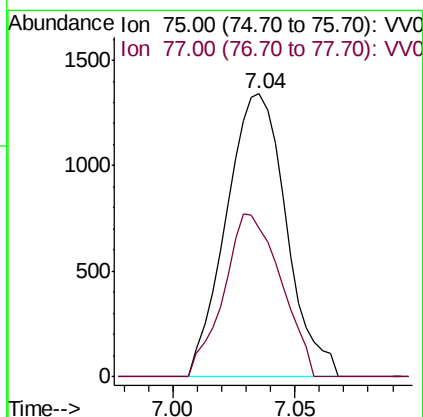
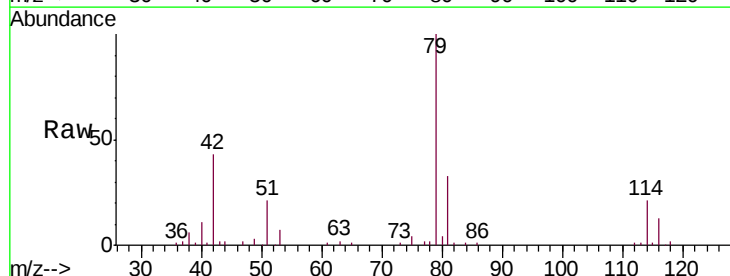
Instrument :
 MSVOA_V
 ClientSampleId :
 ETBQ9

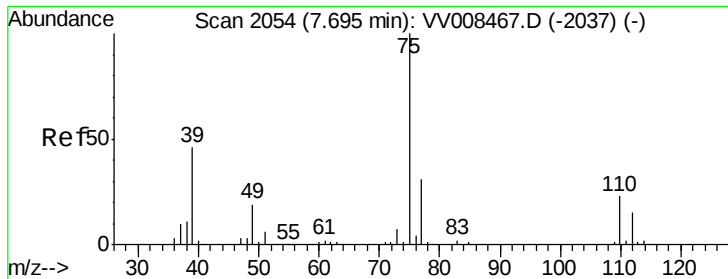
Tgt Ion: 63 Resp: 8735
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.937 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV008479.D
 Acq: 30 Oct 2018 19:43

Tgt Ion: 75 Resp: 2292
 Ion Ratio Lower Upper
 75 100
 77 52.8 22.6 42.0#





#44

trans-1,3-Dichloropropene

Concen: 0.671 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV008479.D

Acq: 30 Oct 2018 19:43

Instrument :

MSVOA_V

ClientSampleId :

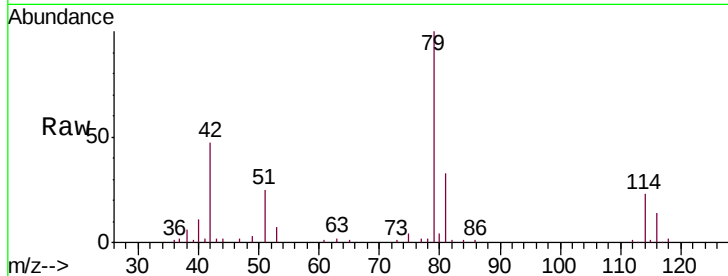
ETBQ9

Tgt Ion: 75 Resp: 1536

Ion Ratio Lower Upper

75 100

77 49.1 21.8 40.4#



Abundance Ion 75.00 (74.70 to 75.70): VV008467.D (-2037) (-)

Ion 77.00 (76.70 to 77.70): VV008467.D (-2037) (-)

7.67

1000

800

600

400

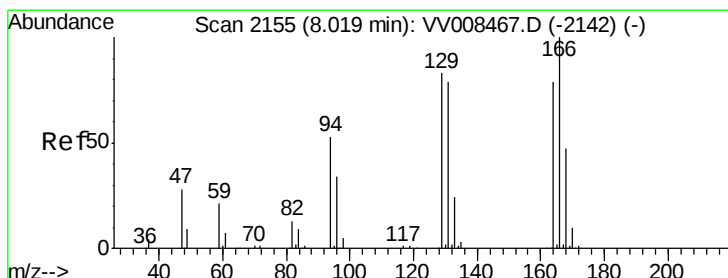
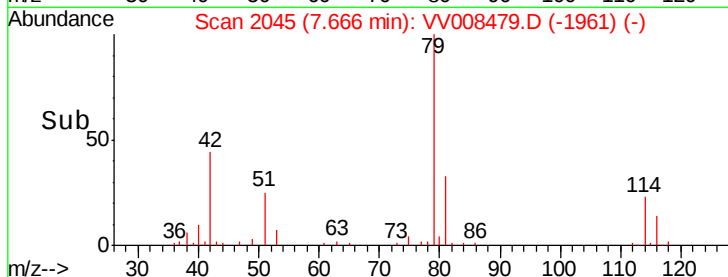
200

0

7.65

7.70

Time-->



#46

Tetrachloroethene

Concen: 1.544 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV008479.D

Acq: 30 Oct 2018 19:43

Tgt Ion: 164 Resp: 1452

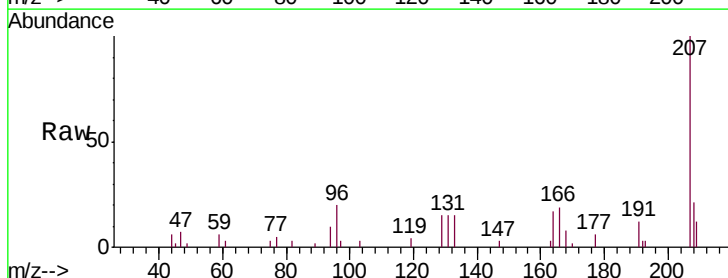
Ion Ratio Lower Upper

164 100

129 88.7 75.0 139.2

131 89.3 71.3 132.3

166 113.2 89.2 165.6



Abundance Ion 164.00 (163.70 to 164.70): VV008467.D (-2142) (-)

Ion 129.00 (128.70 to 129.70): VV008467.D (-2142) (-)

Ion 131.00 (130.70 to 131.70): VV008467.D (-2142) (-)

Ion 166.00 (165.70 to 166.70): VV008467.D (-2142) (-)

1500

1000

8.02

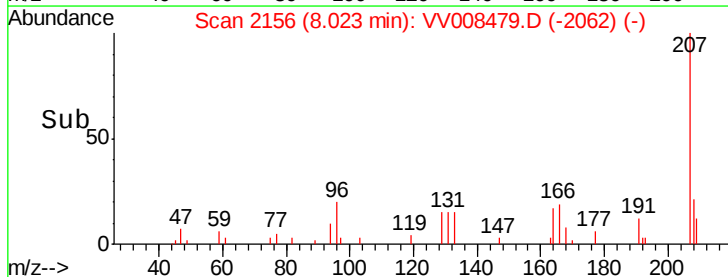
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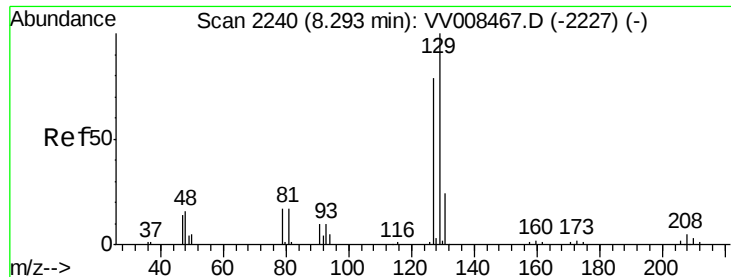
0

8.00

8.05

Time-->





#49

Dibromochloromethane

Concen: 0.911 ug/L

RT: 8.03 min Scan# 2157

Delta R.T. -0.27 min

Lab File: VV008479.D

Acq: 30 Oct 2018 19:43

Instrument :

MSVOA_V

ClientSampled :

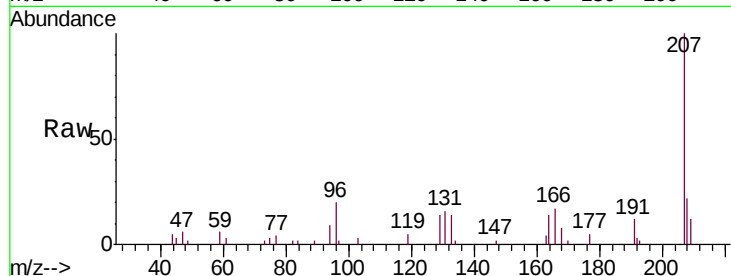
ETBQ9

Tgt Ion:129 Resp: 1347

Ion Ratio Lower Upper

129 100

127 0.0 54.9 101.9#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

8.03

800

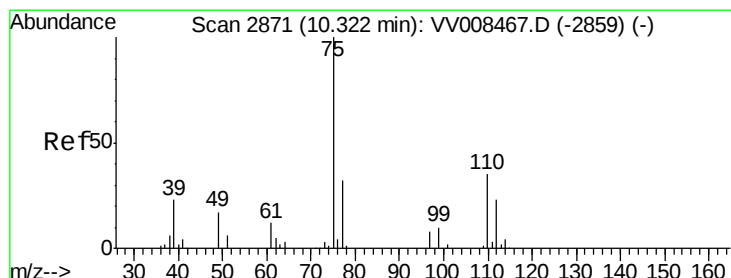
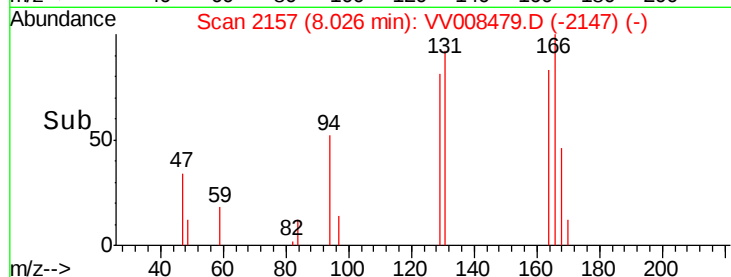
600

400

200

0

Time--> 7.98 8.00 8.02 8.04 8.06



#59

1,2,3-Trichloropropane

Concen: 4.975 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV008479.D

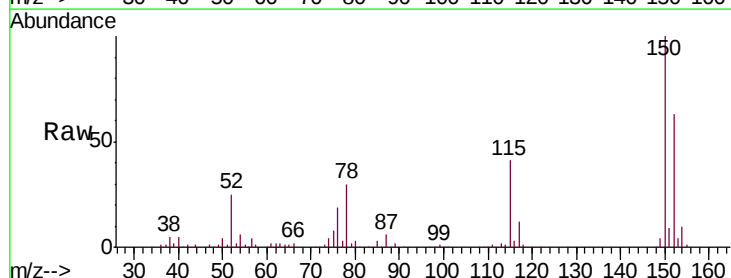
Acq: 30 Oct 2018 19:43

Tgt Ion: 75 Resp: 9705

Ion Ratio Lower Upper

75 100

77 34.8 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

11.30

6000

4000

2000

0

Time--> 11.25 11.30 11.35

