

Data File : VV010538.D
Acq On : 27 Apr 2019 09:00
Operator : SY/MD
Sample : K2586-16
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0X58

Quant Time: Apr 29 02:02:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Apr 29 01:58:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	246981	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	246365	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	108467	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51286	4.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.40%
7) Chloroethane-d5	1.57	69	36366	5.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.20%
11) 1,1-Dichloroethene-d2	2.13	63	73441	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	3.94	46	126542	40.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.68%
24) Chloroform-d	4.40	84	129038	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.20%
26) 1,2-Dichloroethane-d4	5.08	65	67749	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	5.10	84	277570	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.12	67	77209	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.00%
41) Toluene-d8	7.36	98	244961	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	7.67	79	25838	3.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.00%
46) 2-Hexanone-d5	8.13	63	123749	44.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.50%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	58537	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	112766	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

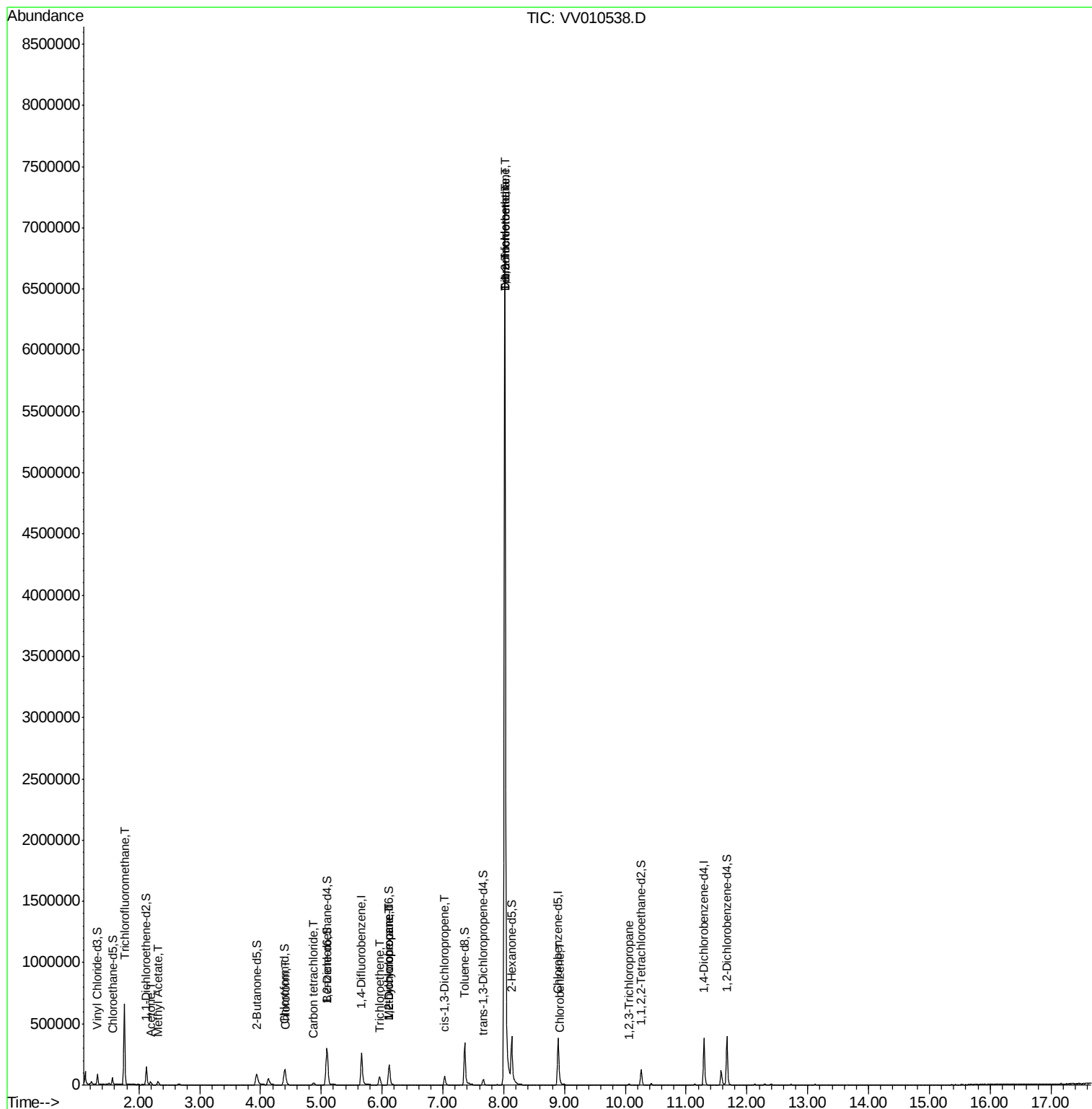
						Qvalue
9) Trichlorofluoromethane	1.76	101	389790	14.464	ug/L	98
13) Acetone	2.19	43	24406	15.812	ug/L	98
15) Methyl Acetate	2.32	43	7845	1.532	ug/L #	44
25) Chloroform	4.42	83	13280	0.417	ug/L	93
31) Carbon tetrachloride	4.87	117	12331	0.447	ug/L #	42
34) Trichloroethene	5.96	95	23254	1.253	ug/L	96
35) Methylcyclohexane	6.12	83	20115	0.835	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	8667	0.590	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	1964	0.093	ug/L #	51
45) 1,1,2-Trichloroethane	8.02	97	14055	1.128	ug/L #	12
47) Tetrachloroethene	8.02	164	1822069	105.134	ug/L	99
49) Dibromochloromethane	8.02	129	1574943	102.814	ug/L #	12
51) Chlorobenzene	8.93	112	5098	0.104	ug/L	93
59) 1,2,3-Trichloropropane	10.06	75	2753	0.293	ug/L #	44

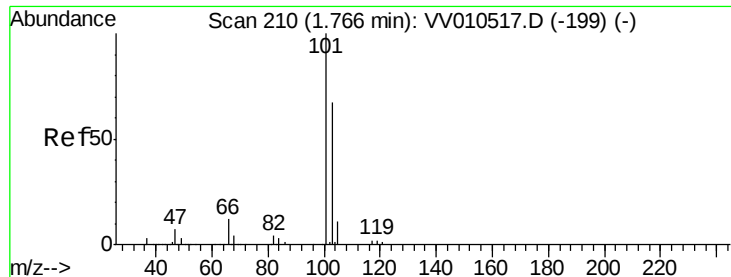
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV010538.D
Acq On : 27 Apr 2019 09:00
Operator : SY/MD
Sample : K2586-16
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0X58

Quant Time: Apr 29 02:02:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Apr 29 01:58:06 2019
Response via : Initial Calibration



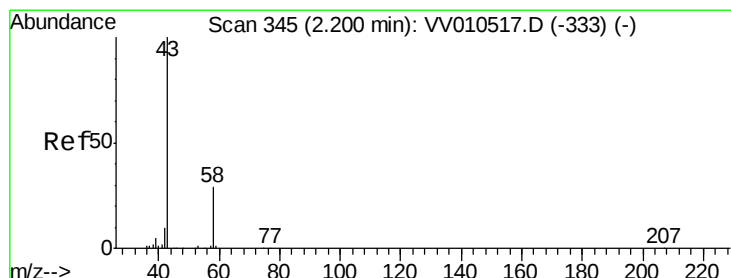
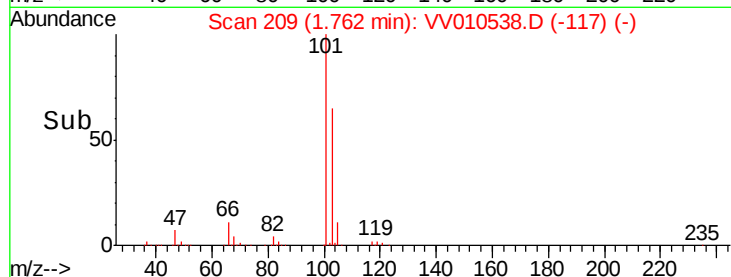
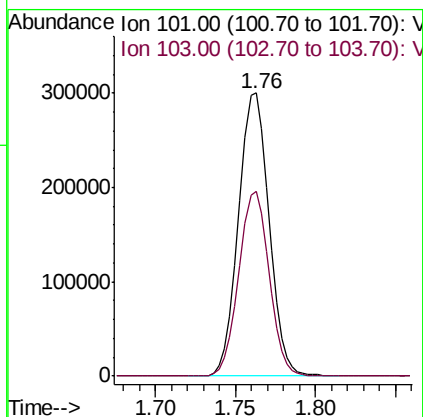
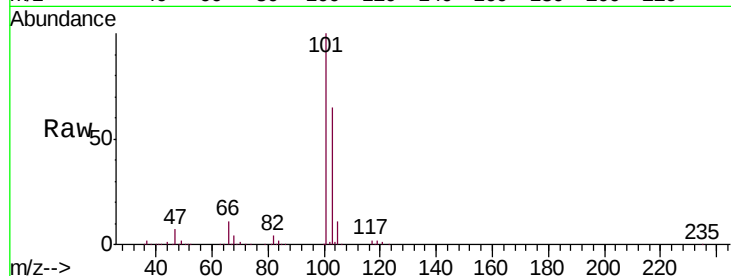


#9

Trichlorofluoromethane
 Concen: 14.464 ug/L
 RT: 1.76 min Scan# 209
 Delta R.T. -0.00 min
 Lab File: VV010538.D
 Acq: 27 Apr 2019 09:00

Instrument :
 MSVOA_V
 ClientSampleId :
 C0X58

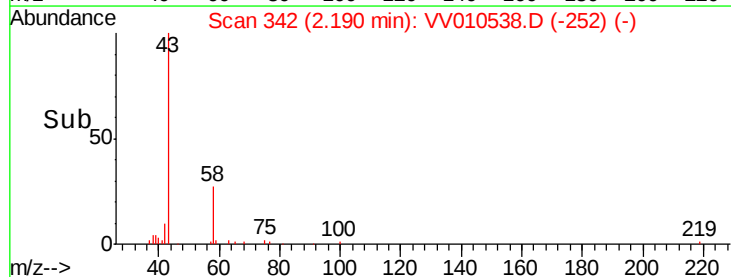
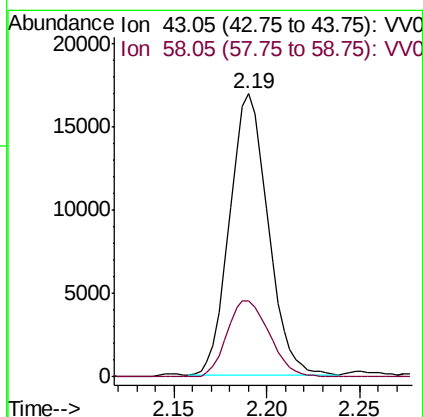
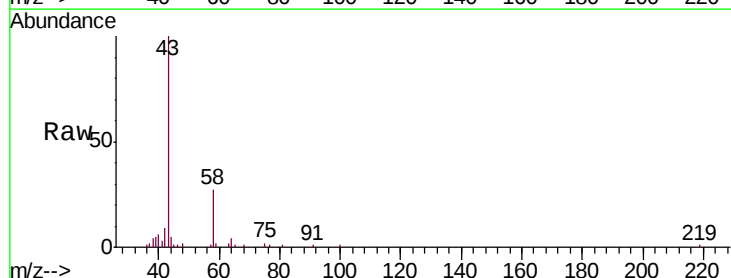
Tgt Ion: 101 Resp: 389790
 Ion Ratio Lower Upper
 101 100
 103 65.0 50.5 75.7

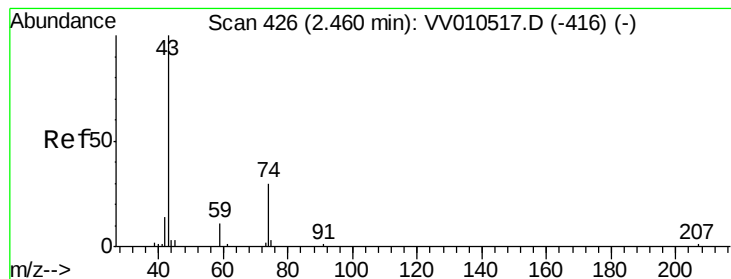


#13

Acetone
 Concen: 15.812 ug/L
 RT: 2.19 min Scan# 342
 Delta R.T. -0.01 min
 Lab File: VV010538.D
 Acq: 27 Apr 2019 09:00

Tgt Ion: 43 Resp: 24406
 Ion Ratio Lower Upper
 43 100
 58 29.8 0.0 57.4





#15

Methyl Acetate

Concen: 1.532 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.14 min

Lab File: VV010538.D

Acq: 27 Apr 2019 09:00

Instrument :

MSVOA_V

ClientSampleId :

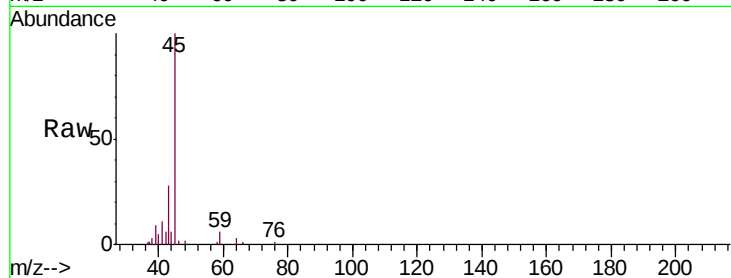
C0X58

Tgt Ion: 43 Resp: 7845

Ion Ratio Lower Upper

43 100

74 0.0 24.2 36.2#

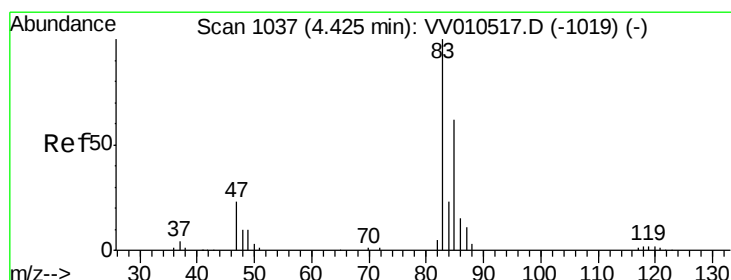
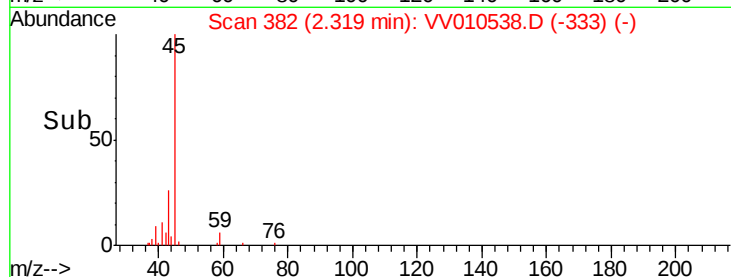


Abundance Ion 43.05 (42.75 to 43.75): VV010517.D (-416) (-)

Ion 74.05 (73.75 to 74.75): VV010517.D (-416) (-)

2.32

Time-->



#25

Chloroform

Concen: 0.417 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV010538.D

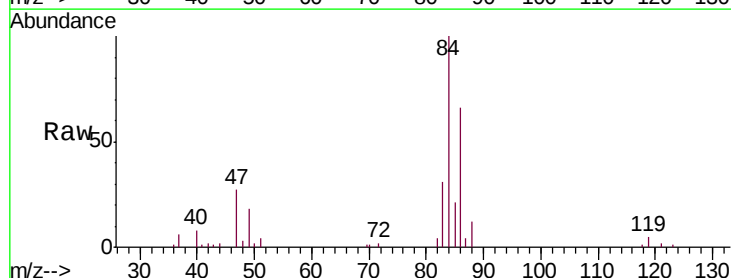
Acq: 27 Apr 2019 09:00

Tgt Ion: 83 Resp: 13280

Ion Ratio Lower Upper

83 100

85 68.1 43.6 81.0

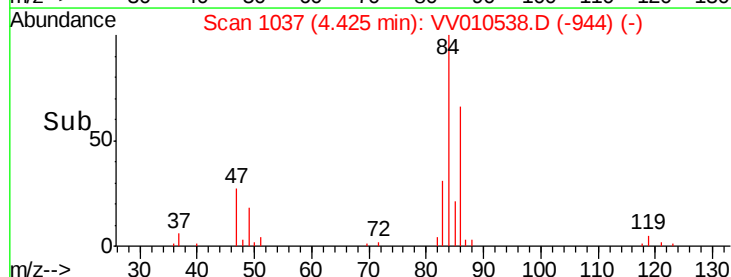


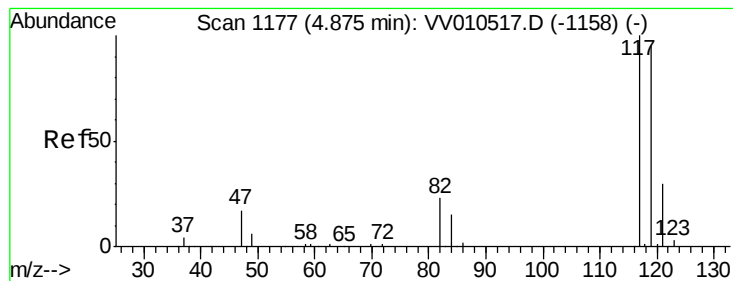
Abundance Ion 83.05 (82.75 to 83.75): VV010517.D (-1019) (-)

Ion 85.00 (84.70 to 85.70): VV010517.D (-1019) (-)

4.42

Time-->





#31

Carbon tetrachloride

Concen: 0.447 ug/L

RT: 4.87 min Scan# 1176

Delta R.T. -0.00 min

Lab File: VV010538.D

Acq: 27 Apr 2019 09:00

Instrument :

MSVOA_V

ClientSampleId :

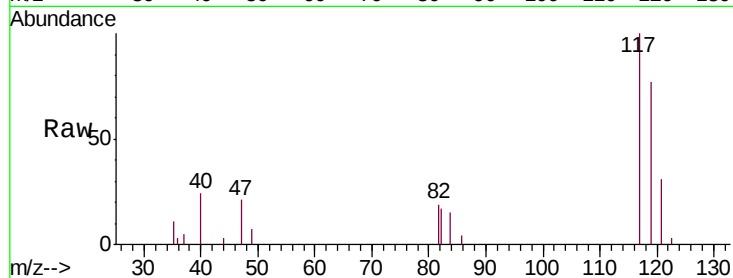
C0X58

Tgt Ion:117 Resp: 12331

Ion Ratio Lower Upper

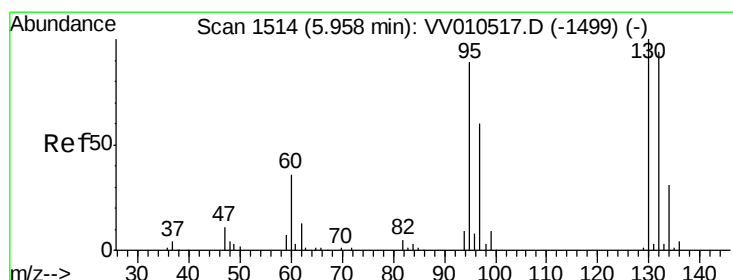
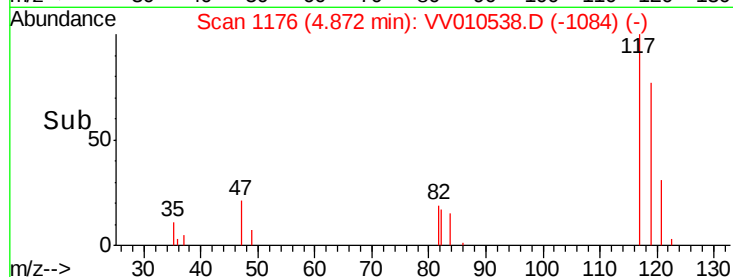
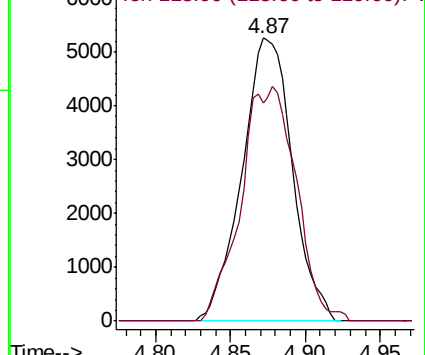
117 100

119 40.6 77.8 116.6#



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 1.253 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV010538.D

Acq: 27 Apr 2019 09:00

Tgt Ion: 95 Resp: 23254

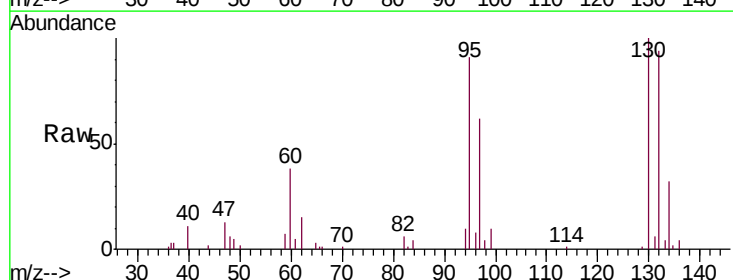
Ion Ratio Lower Upper

95 100

97 68.4 43.3 80.5

132 103.9 74.1 137.5

130 110.5 79.5 147.6

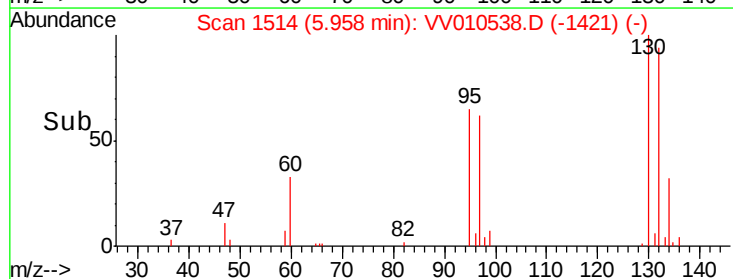
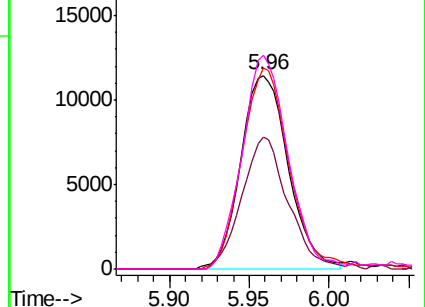


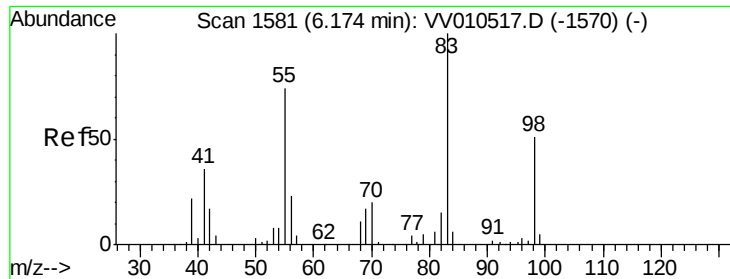
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

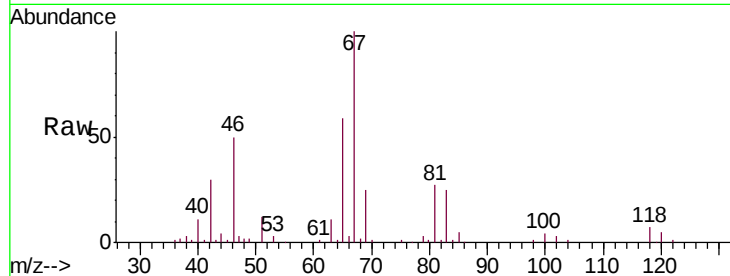




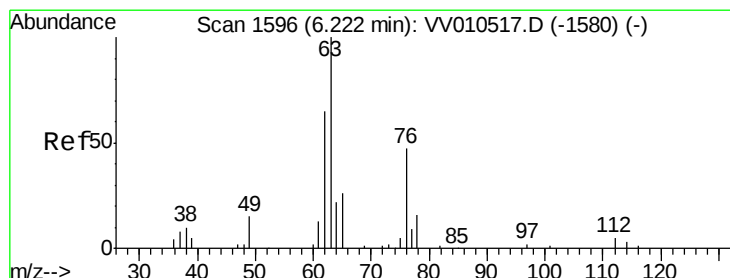
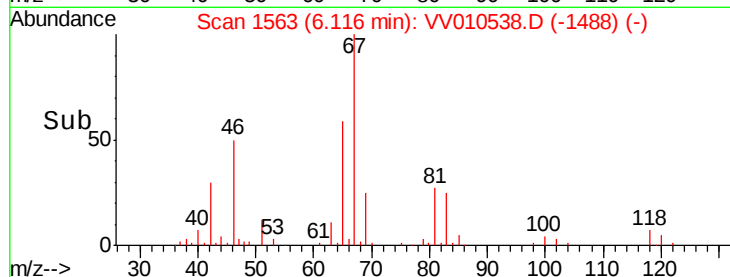
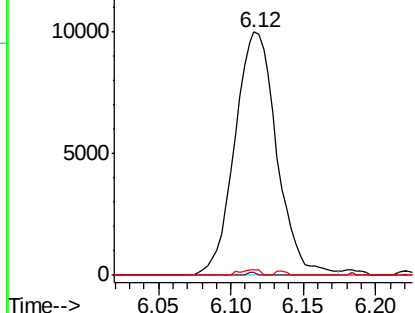
#35
Methylcyclohexane
Concen: 0.835 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV010538.D
Acq: 27 Apr 2019 09:00

Instrument :
MSVOA_V
ClientSampleId :
C0X58

Tgt Ion: 83 Resp: 20115
Ion Ratio Lower Upper
83 100
55 0.2 58.0 87.0#
98 1.1 40.4 60.6#

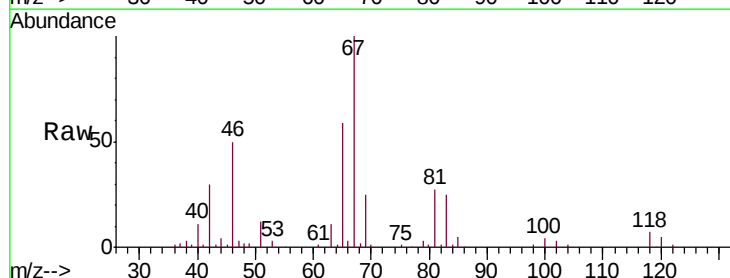


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

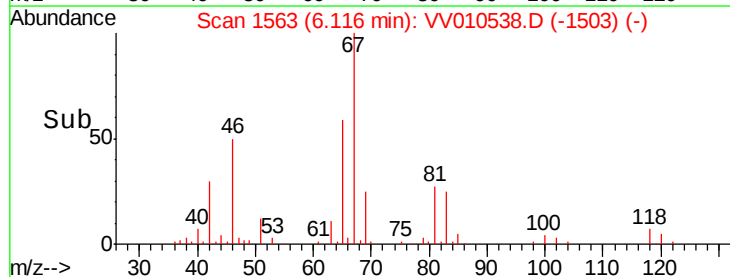
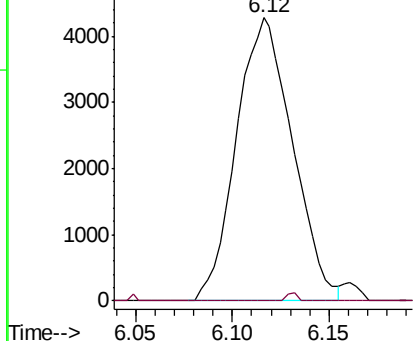


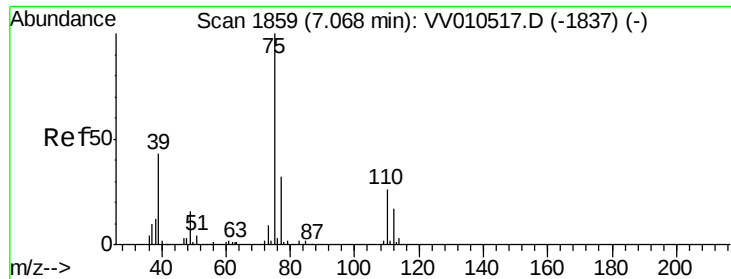
#37
1,2-Dichloropropane
Concen: 0.590 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV010538.D
Acq: 27 Apr 2019 09:00

Tgt Ion: 63 Resp: 8667
Ion Ratio Lower Upper
63 100
112 0.5 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V



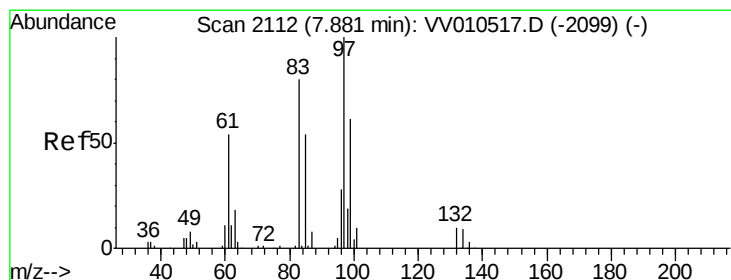
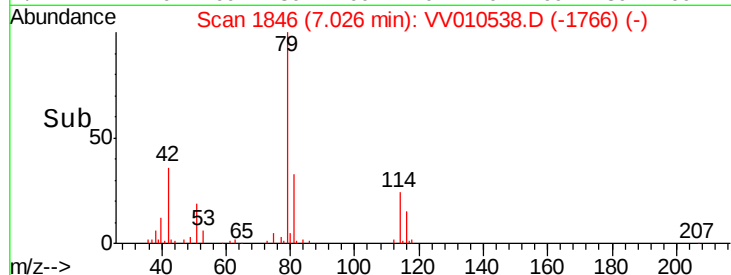
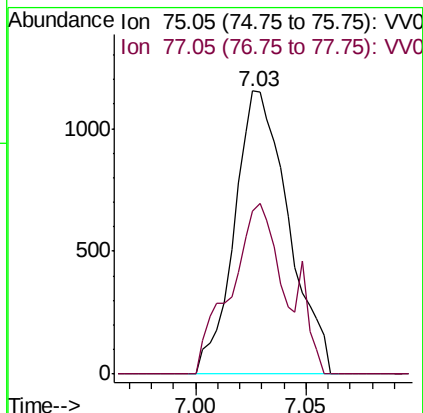
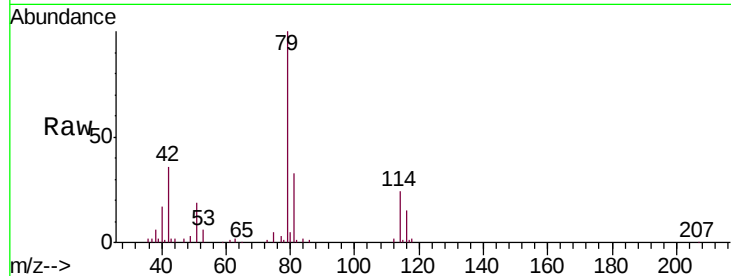


#39

cis-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV010538.D
 Acq: 27 Apr 2019 09:00

Instrument :
 MSVOA_V
 ClientSampleId :
 C0X58

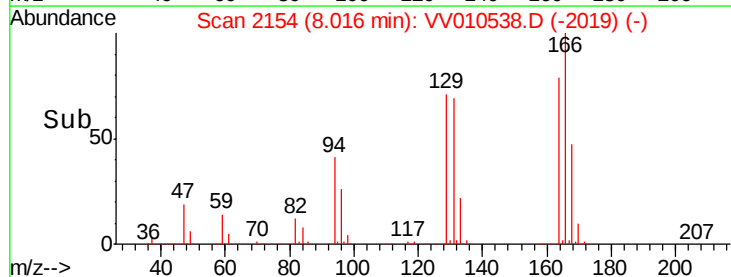
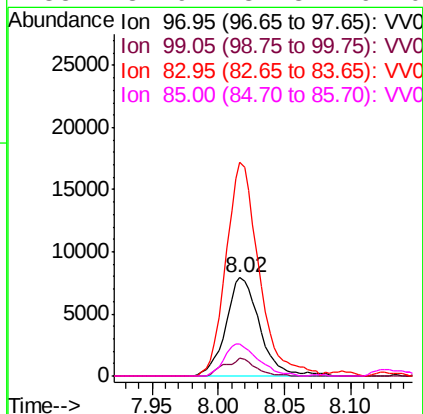
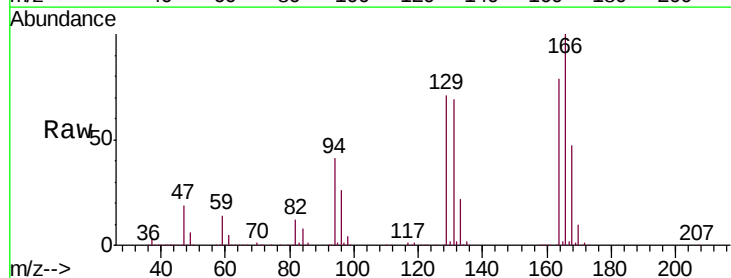
Tgt Ion: 75 Resp: 1964
 Ion Ratio Lower Upper
 75 100
 77 57.6 21.6 40.0#

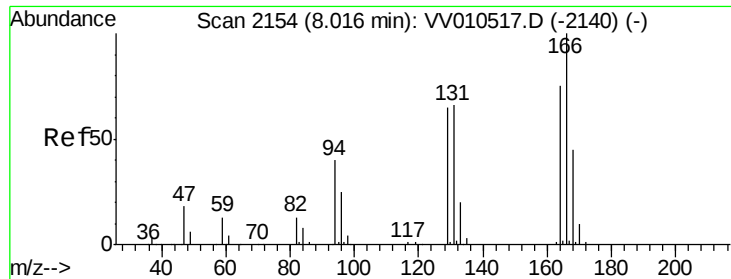


#45

1,1,2-Trichloroethane
 Concen: 1.128 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. 0.14 min
 Lab File: VV010538.D
 Acq: 27 Apr 2019 09:00

Tgt Ion: 97 Resp: 14055
 Ion Ratio Lower Upper
 97 100
 99 17.6 39.5 73.4#
 83 217.0 57.7 107.3#
 85 31.9 32.8 61.0#

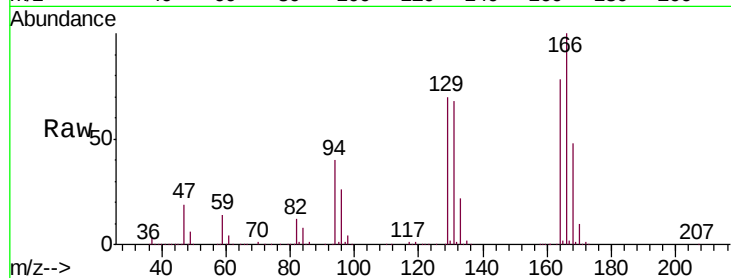




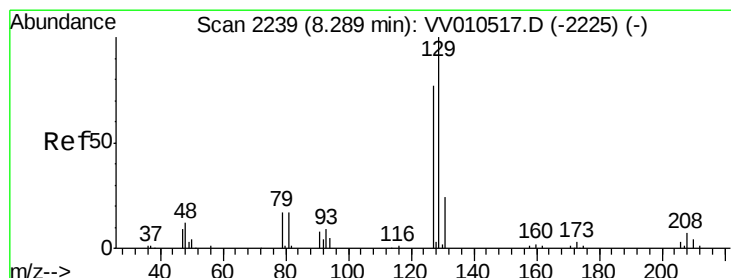
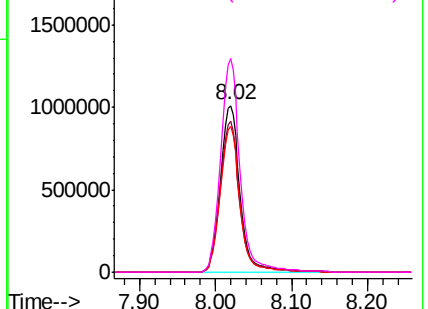
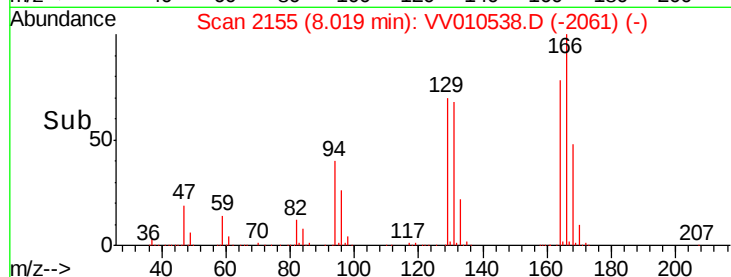
#47
Tetrachloroethene
Concen: 105.134 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV010538.D
Acq: 27 Apr 2019 09:00

Instrument :
MSVOA_V
ClientSampleId :
C0X58

Tgt Ion:164 Resp: 1822069
Ion Ratio Lower Upper
164 100
129 90.2 62.2 115.4
131 87.5 61.5 114.1
166 128.0 89.1 165.5

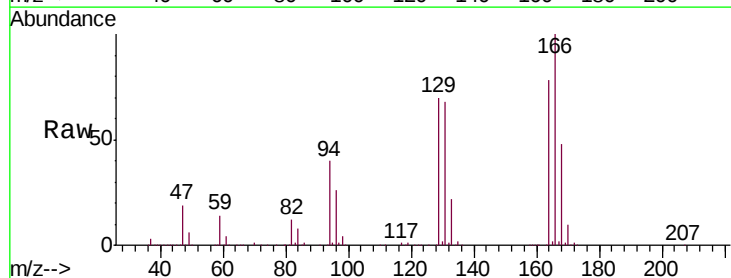


Abundance Ion 163.90 (163.60 to 164.60): V
2000000 Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

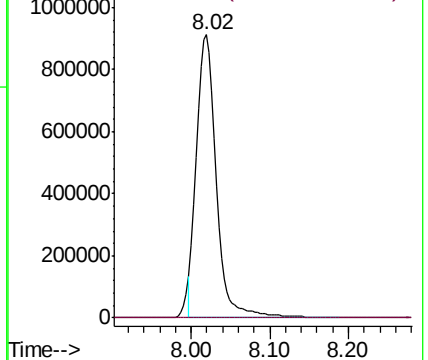
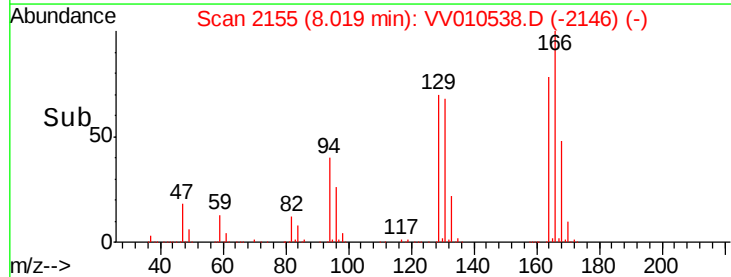


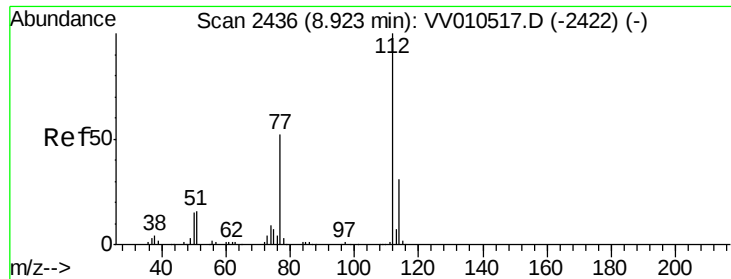
#49
Dibromochloromethane
Concen: 102.814 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV010538.D
Acq: 27 Apr 2019 09:00

Tgt Ion:129 Resp: 1574943
Ion Ratio Lower Upper
129 100
127 0.0 51.9 96.5#



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V





#51

Chlorobenzene

Concen: 0.104 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. 0.01 min

Lab File: VV010538.D

Acq: 27 Apr 2019 09:00

Instrument :

MSVOA_V

ClientSampled :

C0X58

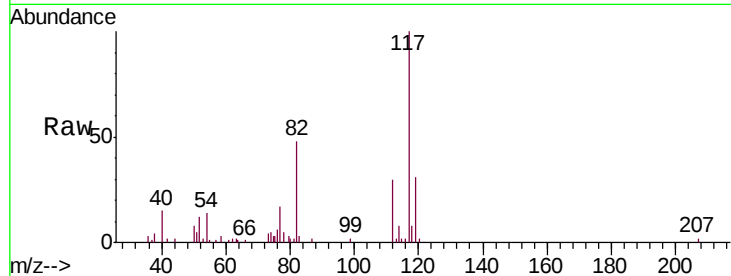
Tgt Ion: 112 Resp: 5098

Ion Ratio Lower Upper

112 100

114 31.6 22.7 42.3

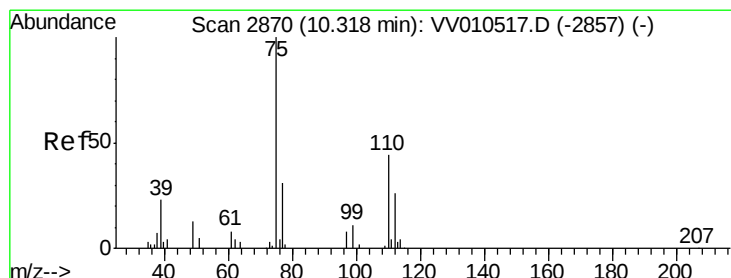
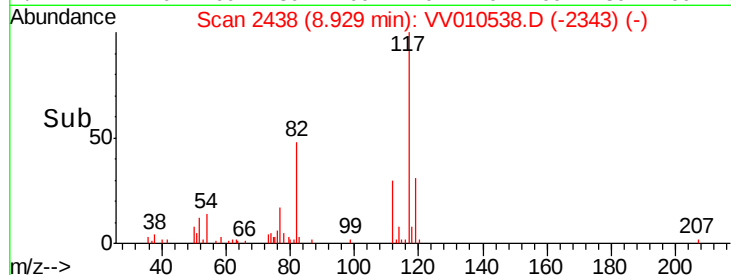
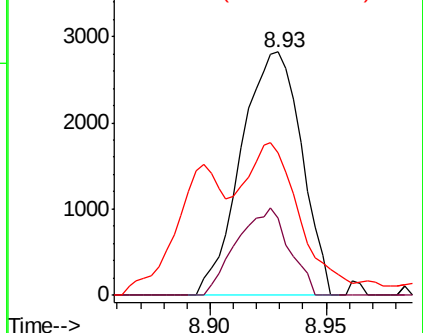
77 58.4 41.0 61.6



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): V



#59

1,2,3-Trichloropropane

Concen: 0.293 ug/L

RT: 10.06 min Scan# 2790

Delta R.T. -0.26 min

Lab File: VV010538.D

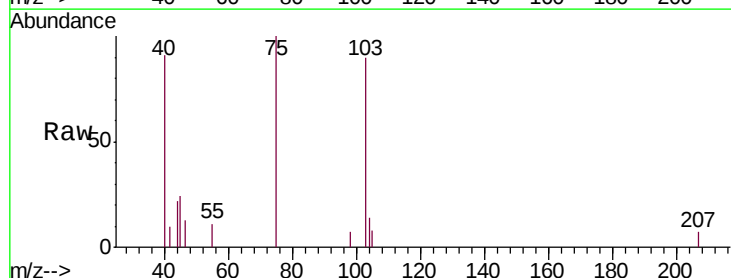
Acq: 27 Apr 2019 09:00

Tgt Ion: 75 Resp: 2753

Ion Ratio Lower Upper

75 100

77 1.8 26.9 40.3#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

