

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042719\
 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 02:53:39 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

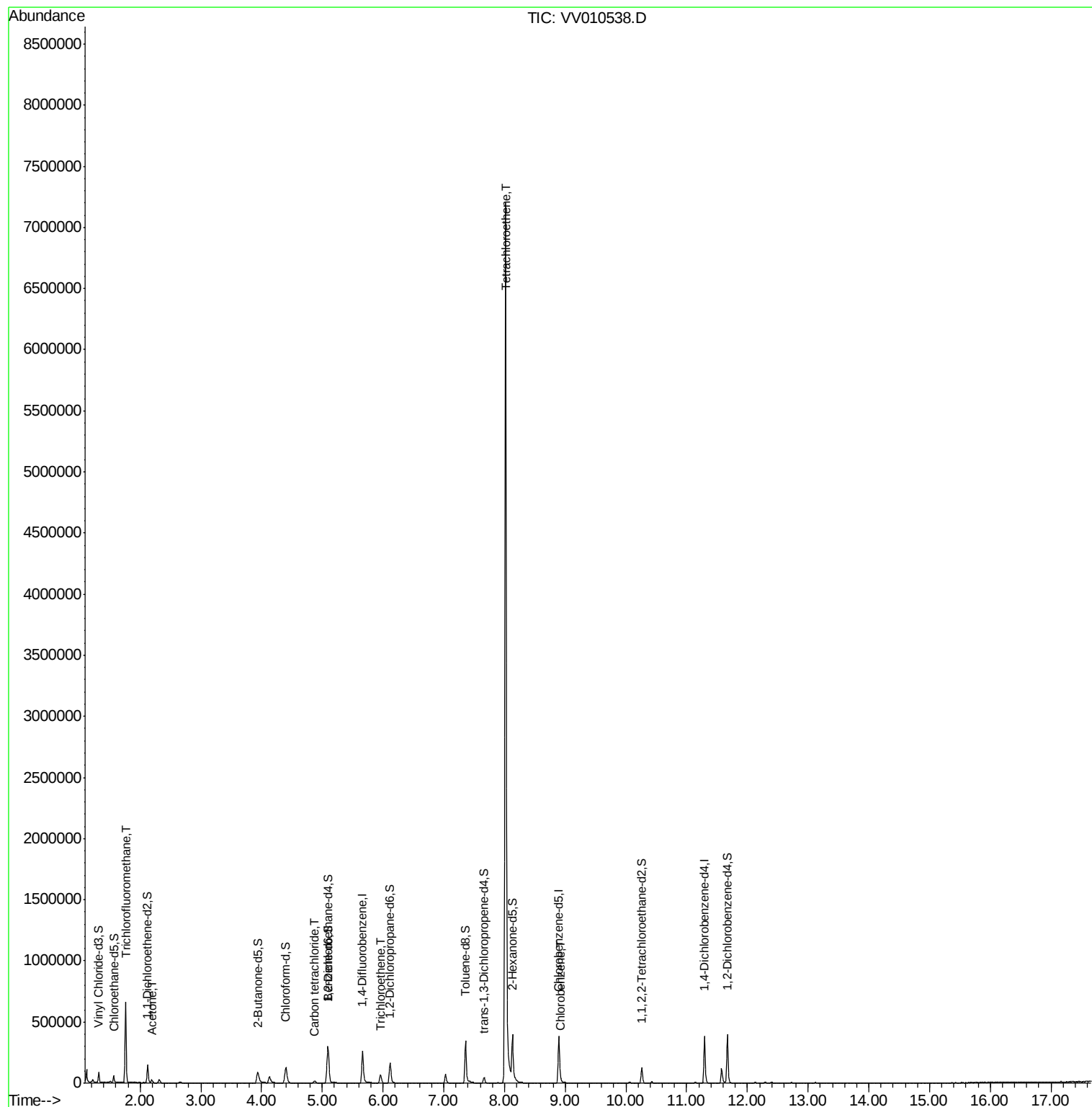
					Ovalue
9) Trichlorofluoromethane	1.76	101	389790	14.464	ug/L 98
13) Acetone	2.19	43	24406	15.812	ug/L 98
31) Carbon tetrachloride	4.87	117	12331	0.447	ug/L # 42
34) Trichloroethene	5.96	95	23254	1.253	ug/L 96
47) Tetrachloroethene	8.02	164	1822069	105.134	ug/L 99
51) Chlorobenzene	8.93	112	5098	0.104	ug/L 93

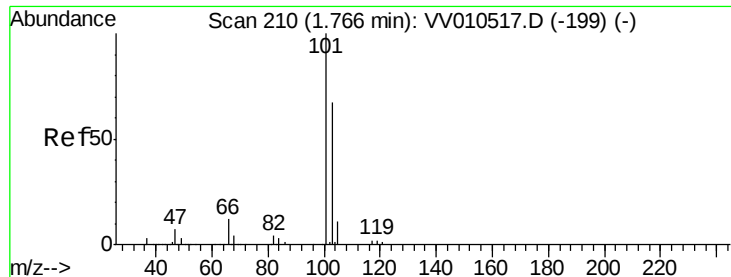
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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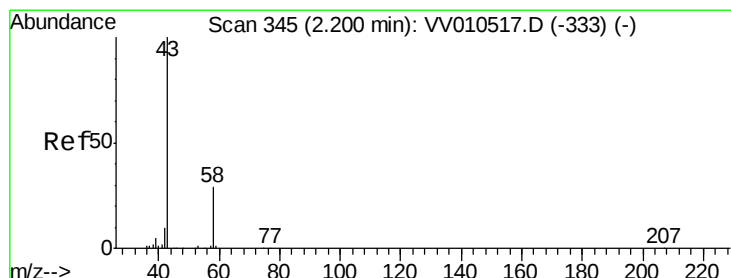
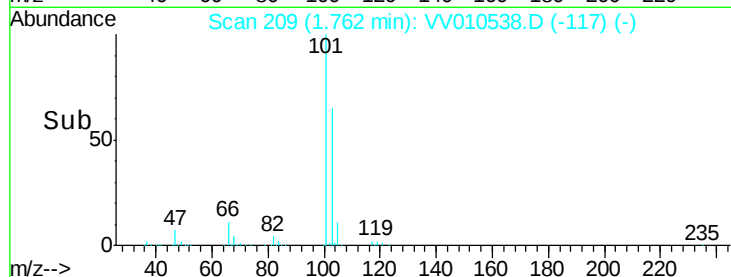
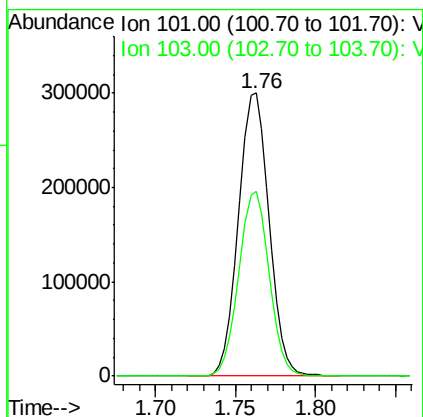
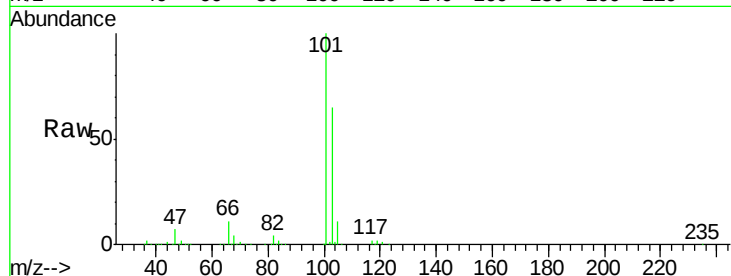


#9

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

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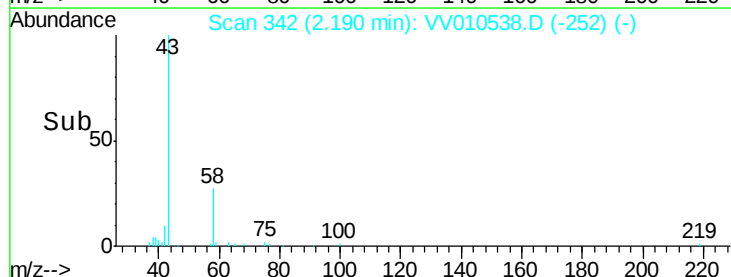
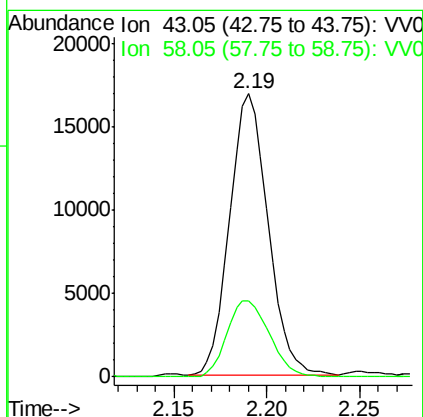
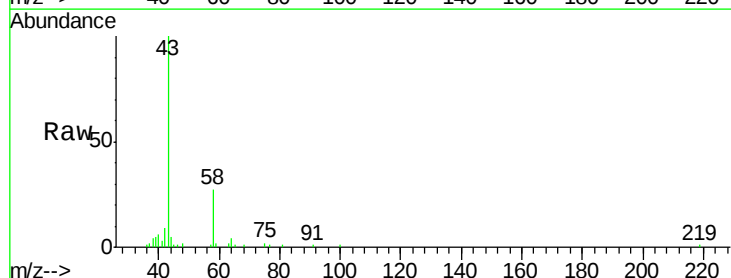
Tot Ion:101 Resp: 389790
 Ion Ratio Lower Upper
 101 100
 103 65.0 50.5 75.7

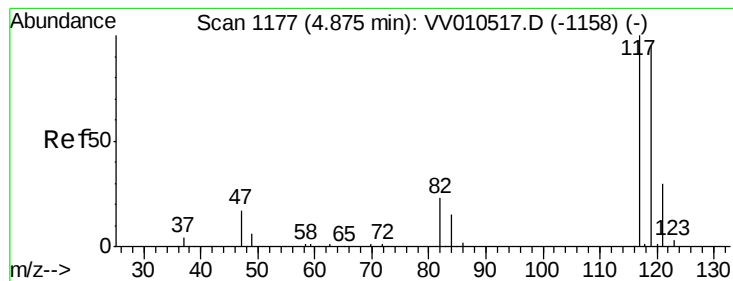


#13

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





#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 :

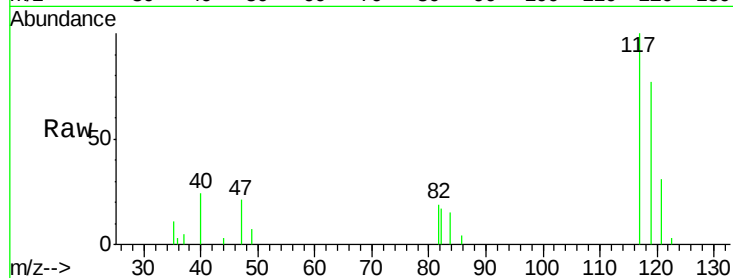
C0X58

Tot Ion:117 Resp: 12331

Ion Ratio Lower Upper

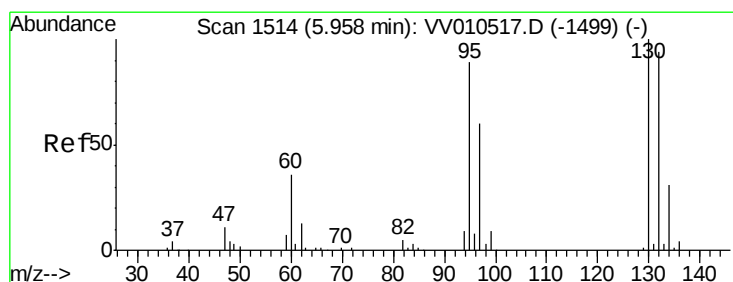
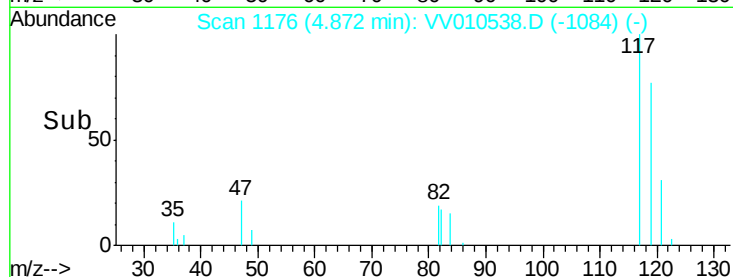
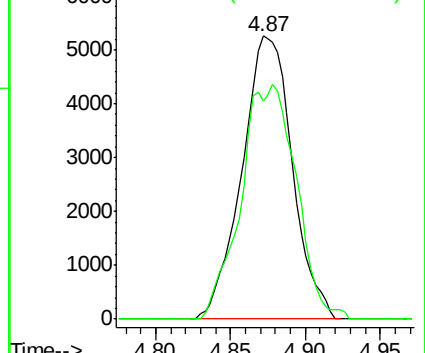
117 100

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

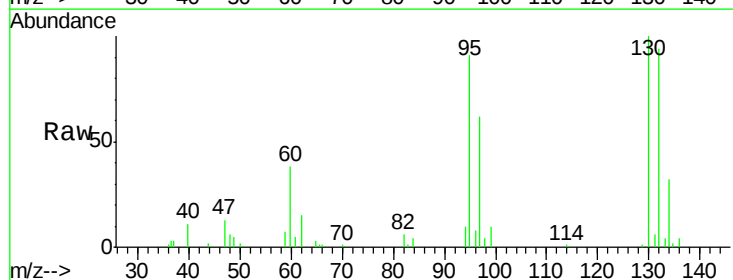
Ion Ratio Lower Upper

95 100

97 68.4 43.3 80.5

132 103.9 74.1 137.5

130 110.5 79.5 147.6

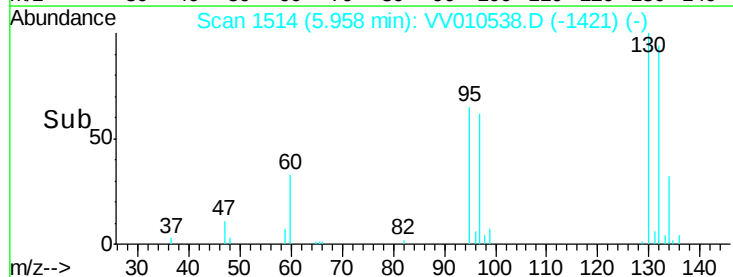
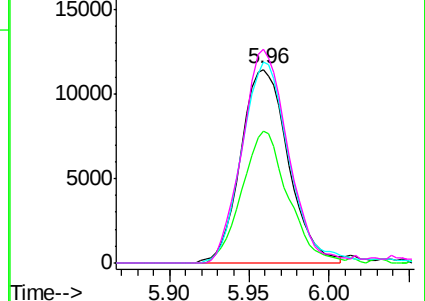


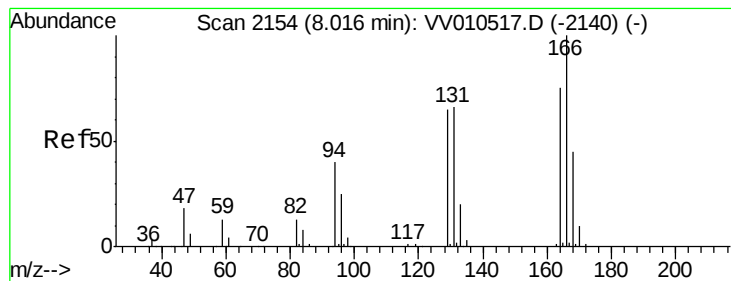
Abundance Ion 95.00 (94.70 to 95.70): VV0

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





#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

Tot Ion:164 Resp: 1822069

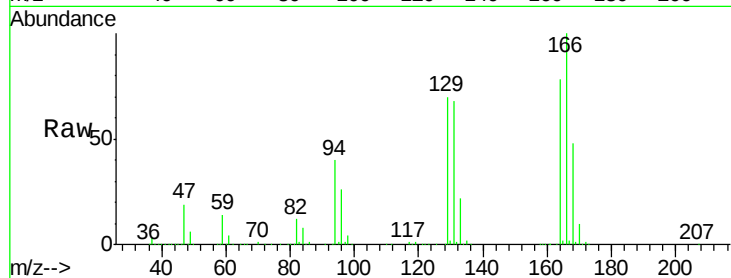
Ion Ratio Lower Upper

164 100

129 90.2 62.2 115.4

131 87.5 61.5 114.1

166 128.0 89.1 165.5

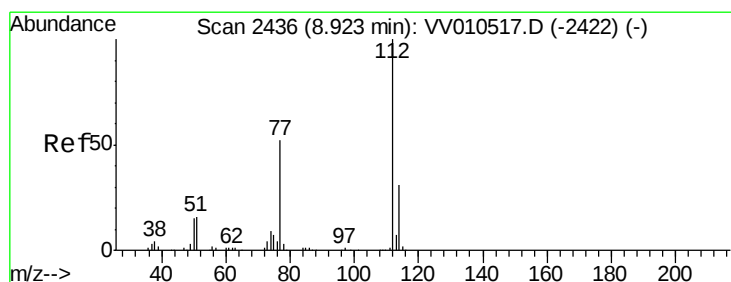
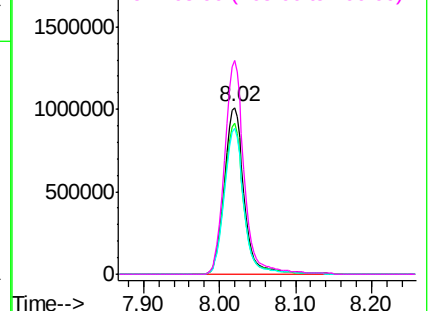
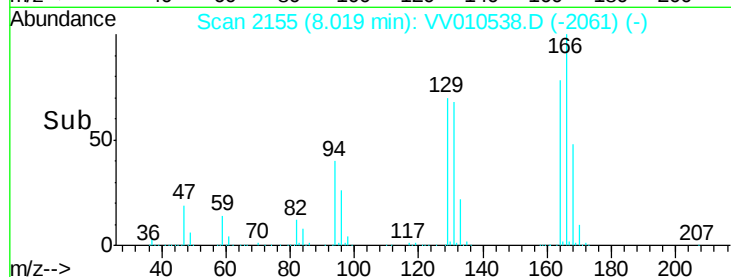


Abundance Ion 163.90 (163.60 to 164.60): V

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



#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

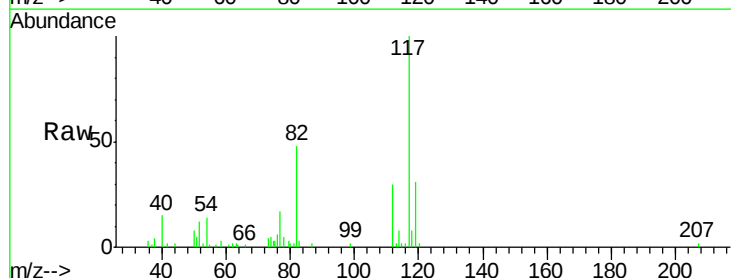
Tgt Ion:112 Resp: 5098

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): VV0

