

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042719\
 Data File : VV010537.D
 Acq On : 27 Apr 2019 08:34
 Operator : SY/MD
 Sample : K2586-15
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0X57

Quant Time: Apr 29 02:45:34 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	5.67	114	238187	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	242947	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	110225	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52905	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.57	69	39412	6.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	127.20%
11) 1,1-Dichloroethene-d2	2.13	63	74381	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	3.94	46	128030	42.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.70%
24) Chloroform-d	4.40	84	136231	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.08	65	70145	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.10	84	291455	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.12	67	80756	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.36	98	268408	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	7.67	79	26610	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	8.13	63	128330	46.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.06%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	59446	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	119701	5.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.60%

Target Compounds

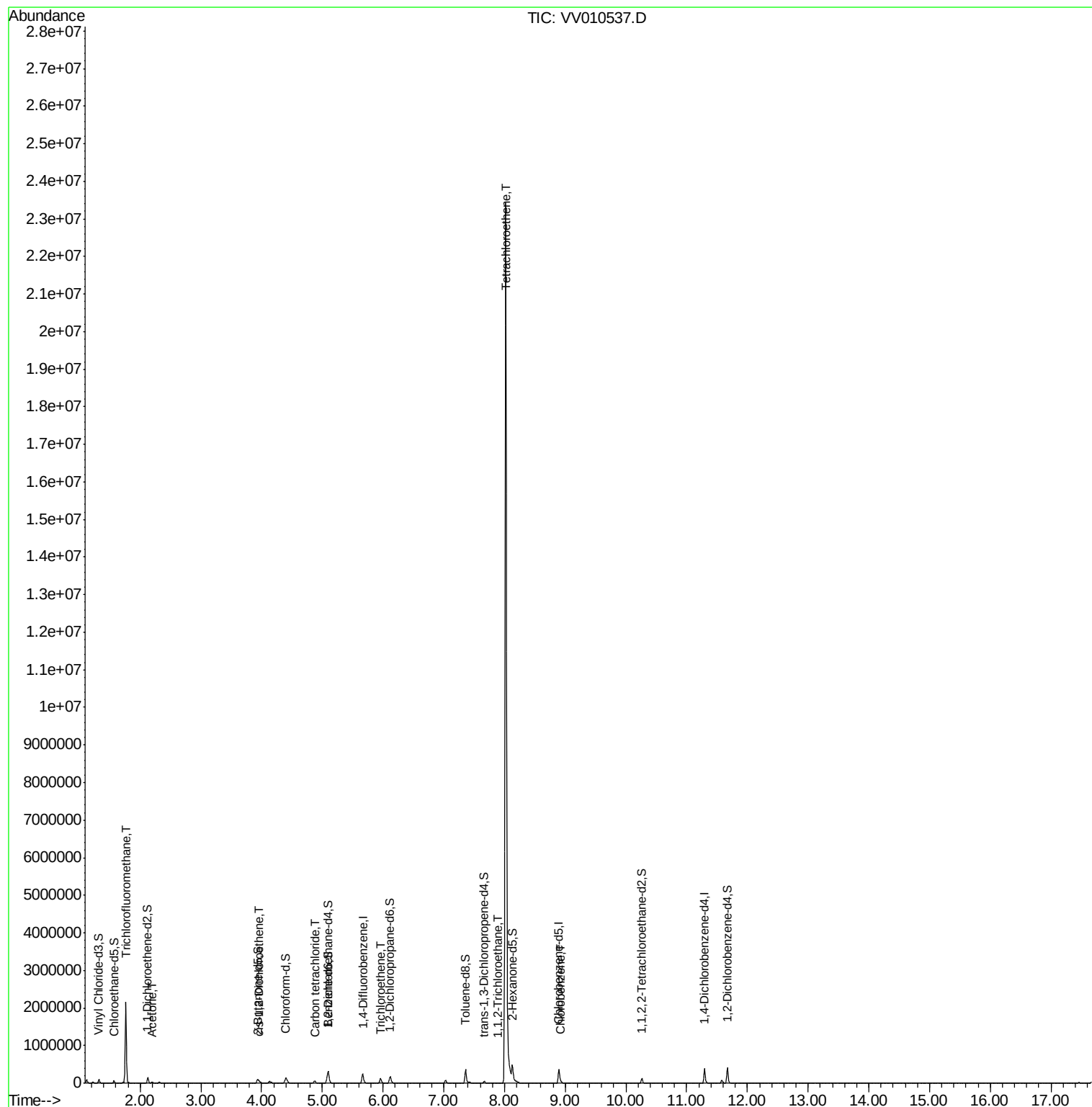
					Ovalue
9) Trichlorofluoromethane	1.76	101	1290355	49.650 ug/L	97
13) Acetone	2.19	43	26757	17.975 ug/L	93
22) cis-1,2-Dichloroethene	3.96	96	4191	0.236 ug/L	85
31) Carbon tetrachloride	4.87	117	40289	1.481 ug/L	97
34) Trichloroethene	5.96	95	43241	2.364 ug/L	97
45) 1,1,2-Trichloroethane	7.89	97	2432	0.198 ug/L	90
47) Tetrachloroethene	8.02	164	5919723	346.375 ug/L	99
51) Chlorobenzene	8.93	112	15840	0.327 ug/L	97

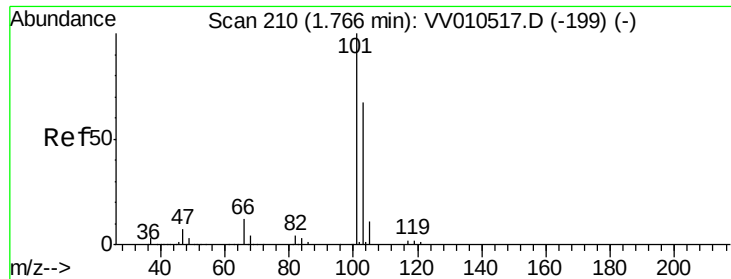
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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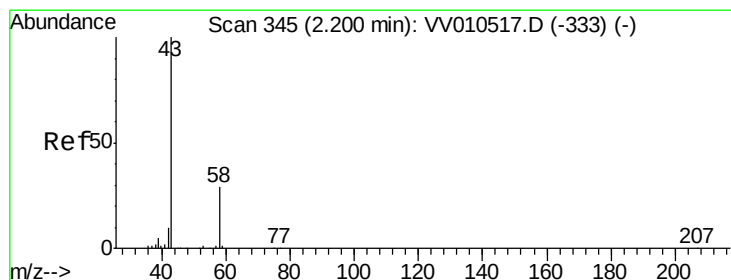
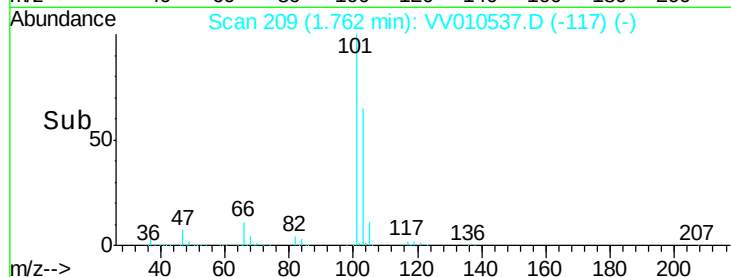
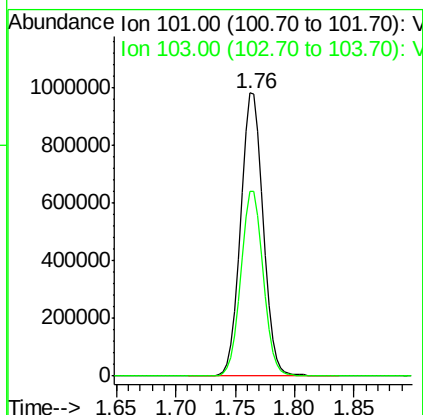
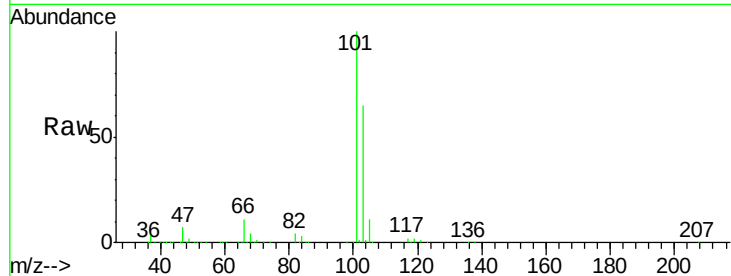


#9

Trichlorofluoromethane
 Concen: 49.650 ug/L
 RT: 1.76 min Scan# 209
 Delta R.T. -0.00 min
 Lab File: VV010537.D
 Acq: 27 Apr 2019 08:34

Instrument :
 MSVOA_V
 ClientSampled :
 C0X57

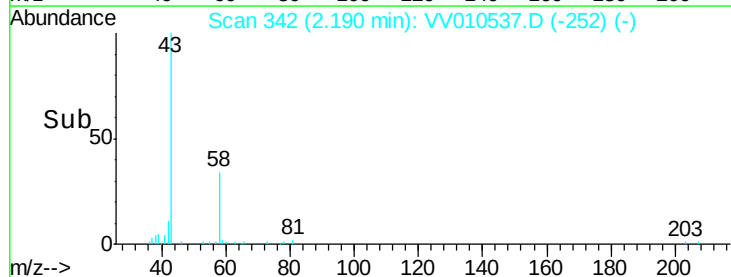
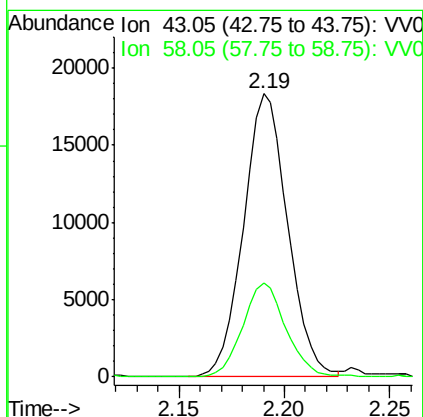
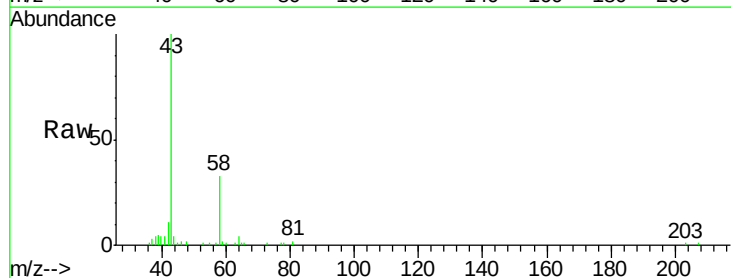
Tot Ion:101 Resp: 1290355
 Ion Ratio Lower Upper
 101 100
 103 65.2 50.5 75.7

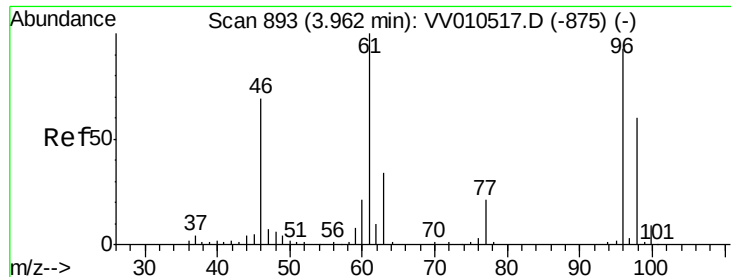


#13

Acetone
 Concen: 17.975 ug/L
 RT: 2.19 min Scan# 342
 Delta R.T. -0.01 min
 Lab File: VV010537.D
 Acq: 27 Apr 2019 08:34

Tgt Ion: 43 Resp: 26757
 Ion Ratio Lower Upper
 43 100
 58 32.6 0.0 57.4





#22

cis-1,2-Dichloroethene

Concen: 0.236 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.00 min

Lab File: VV010537.D

Acq: 27 Apr 2019 08:34

Instrument :

MSVOA_V

ClientSampleId :

C0X57

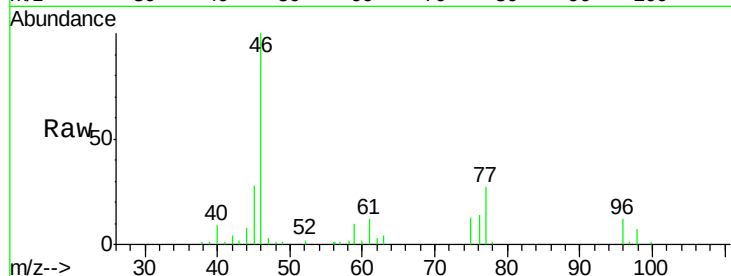
Tot Ion: 96 Resp: 4191

Ion Ratio Lower Upper

96 100

61 98.1 79.9 148.3

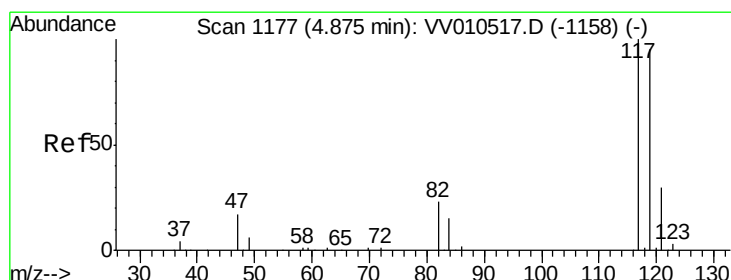
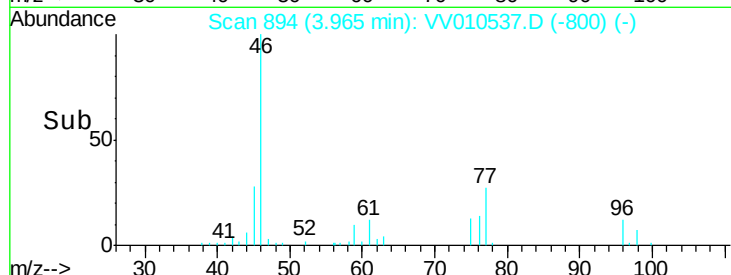
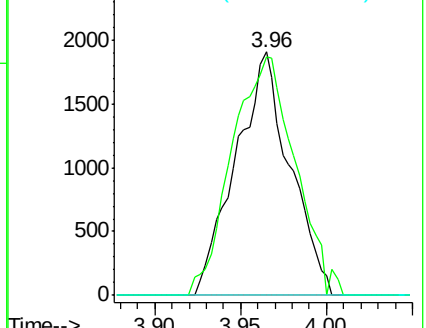
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV010537.D (-800) (-)

Ion 61.05 (60.75 to 61.75): VV010537.D (-800) (-)

Ion 68.15 (67.85 to 68.85): VV010537.D (-800) (-)



#31

Carbon tetrachloride

Concen: 1.481 ug/L

RT: 4.87 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VV010537.D

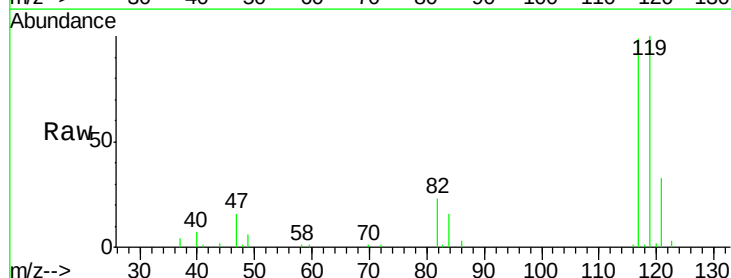
Acq: 27 Apr 2019 08:34

Tgt Ion: 117 Resp: 40289

Ion Ratio Lower Upper

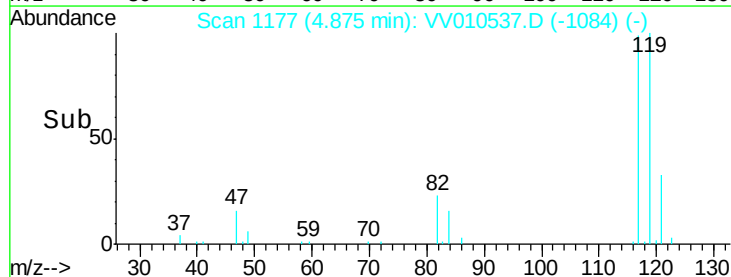
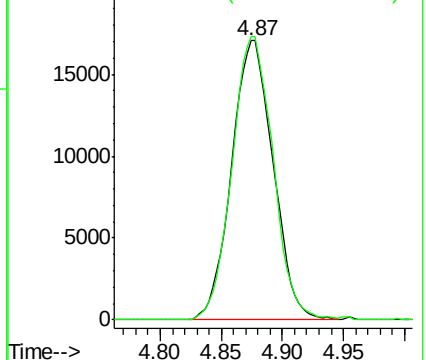
117 100

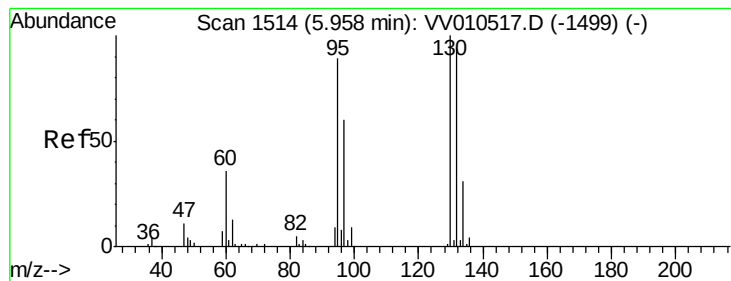
119 100.3 77.8 116.6



Abundance Ion 116.90 (116.60 to 117.60): VV010537.D (-1084) (-)

Ion 118.90 (118.60 to 119.60): VV010537.D (-1084) (-)





#34

Trichloroethene

Concen: 2.364 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV010537.D

Acq: 27 Apr 2019 08:34

Instrument :

MSVOA_V

ClientSampleId :

C0X57

Tot Ion: 95 Resp: 43241

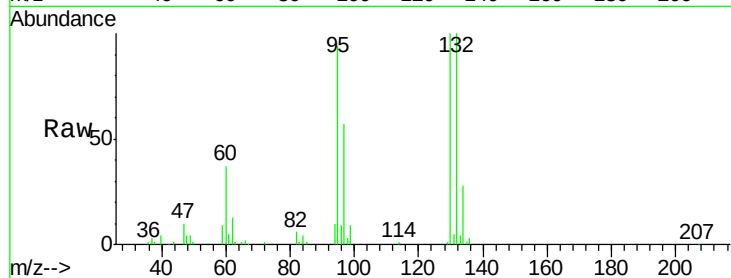
Ion Ratio Lower Upper

95 100

97 61.2 43.3 80.5

132 106.7 74.1 137.5

130 106.3 79.5 147.6

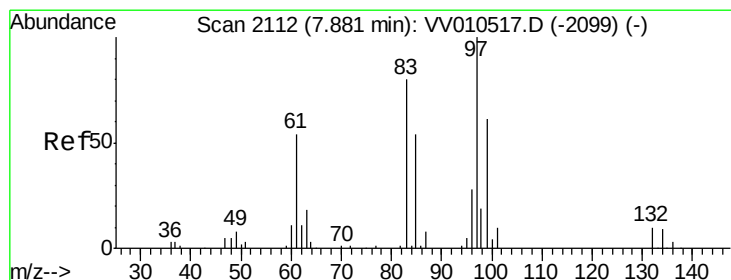
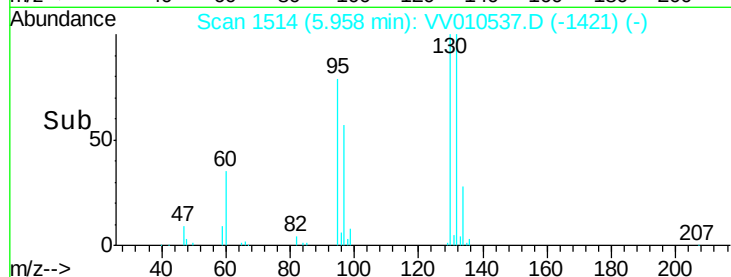
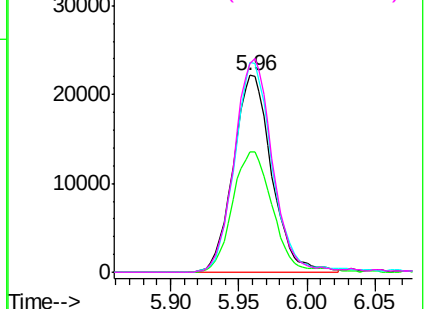


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#45

1,1,2-Trichloroethane

Concen: 0.198 ug/L

RT: 7.89 min Scan# 2114

Delta R.T. 0.01 min

Lab File: VV010537.D

Acq: 27 Apr 2019 08:34

Tgt Ion: 97 Resp: 2432

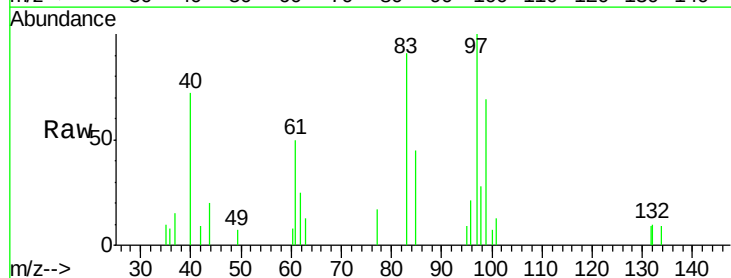
Ion Ratio Lower Upper

97 100

99 68.6 39.5 73.4

83 90.7 57.7 107.3

85 45.0 32.8 61.0

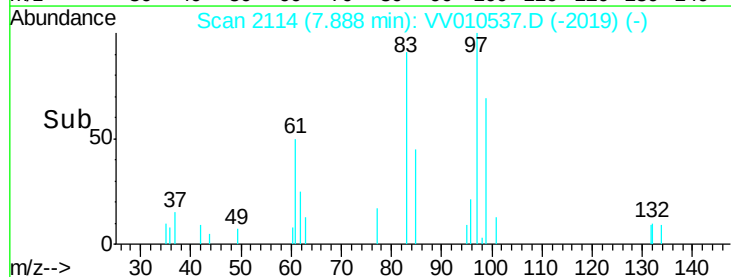
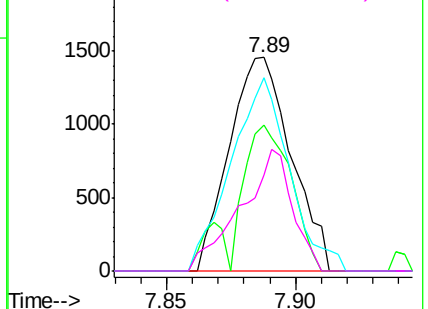


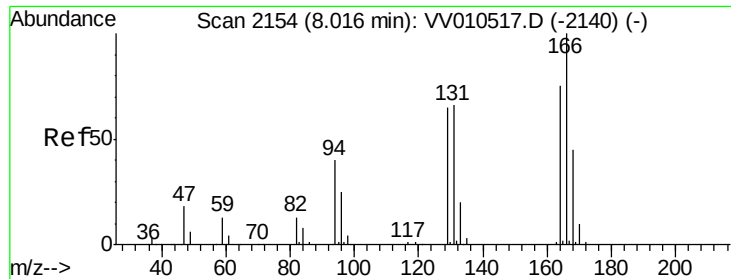
Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

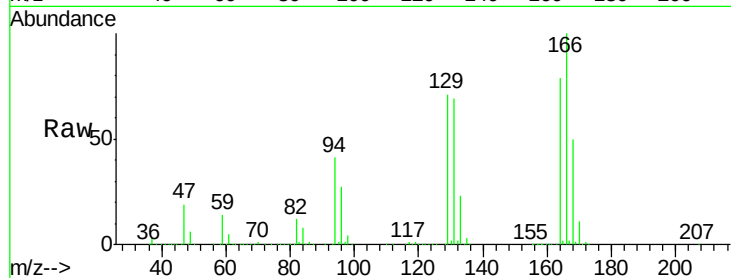




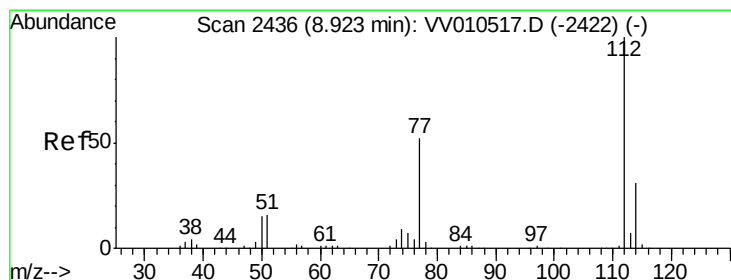
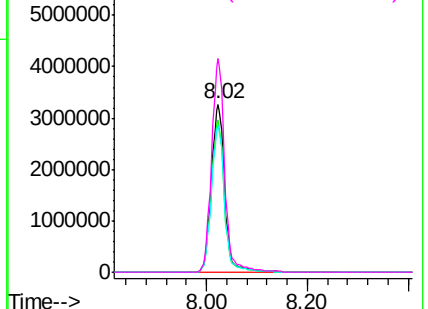
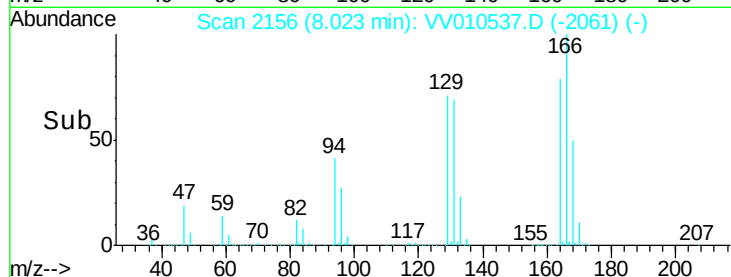
#47
Tetrachloroethene
Concen: 346.375 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.01 min
Lab File: VV010537.D
Acq: 27 Apr 2019 08:34

Instrument :
MSVOA_V
ClientSampleId :
C0X57

Tot Ion:164 Resp: 5919723
Ion Ratio Lower Upper
164 100
129 90.7 62.2 115.4
131 87.5 61.5 114.1
166 127.0 89.1 165.5

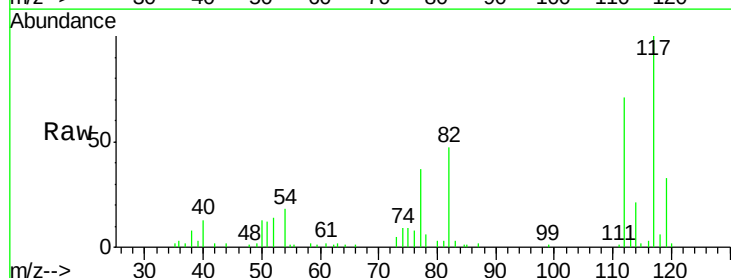


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V



#51
Chlorobenzene
Concen: 0.327 ug/L
RT: 8.93 min Scan# 2437
Delta R.T. 0.00 min
Lab File: VV010537.D
Acq: 27 Apr 2019 08:34

Tgt Ion:112 Resp: 15840
Ion Ratio Lower Upper
112 100
114 30.2 22.7 42.3
77 52.5 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

