

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101518\
 Data File : VV008284.D
 Acq On : 15 Oct 2018 19:40
 Operator : SY/MD
 Sample : J5407-07
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CWJTO

Quant Time: Oct 19 16:14:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 16 05:17:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	68290	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	59785	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	23194	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	19644	5.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.80%
7) Chloroethane-d5	1.58	69	13501	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.14	63	27150	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	3.96	46	60278	46.57	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.14%
24) Chloroform-d	4.41	84	38299	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.09	65	19558	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
32) Benzene-d6	5.10	84	81021	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.12	67	27751	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.36	98	73563	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.67	79	10276	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.14	63	39083	46.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.00%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	17975	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	20799	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

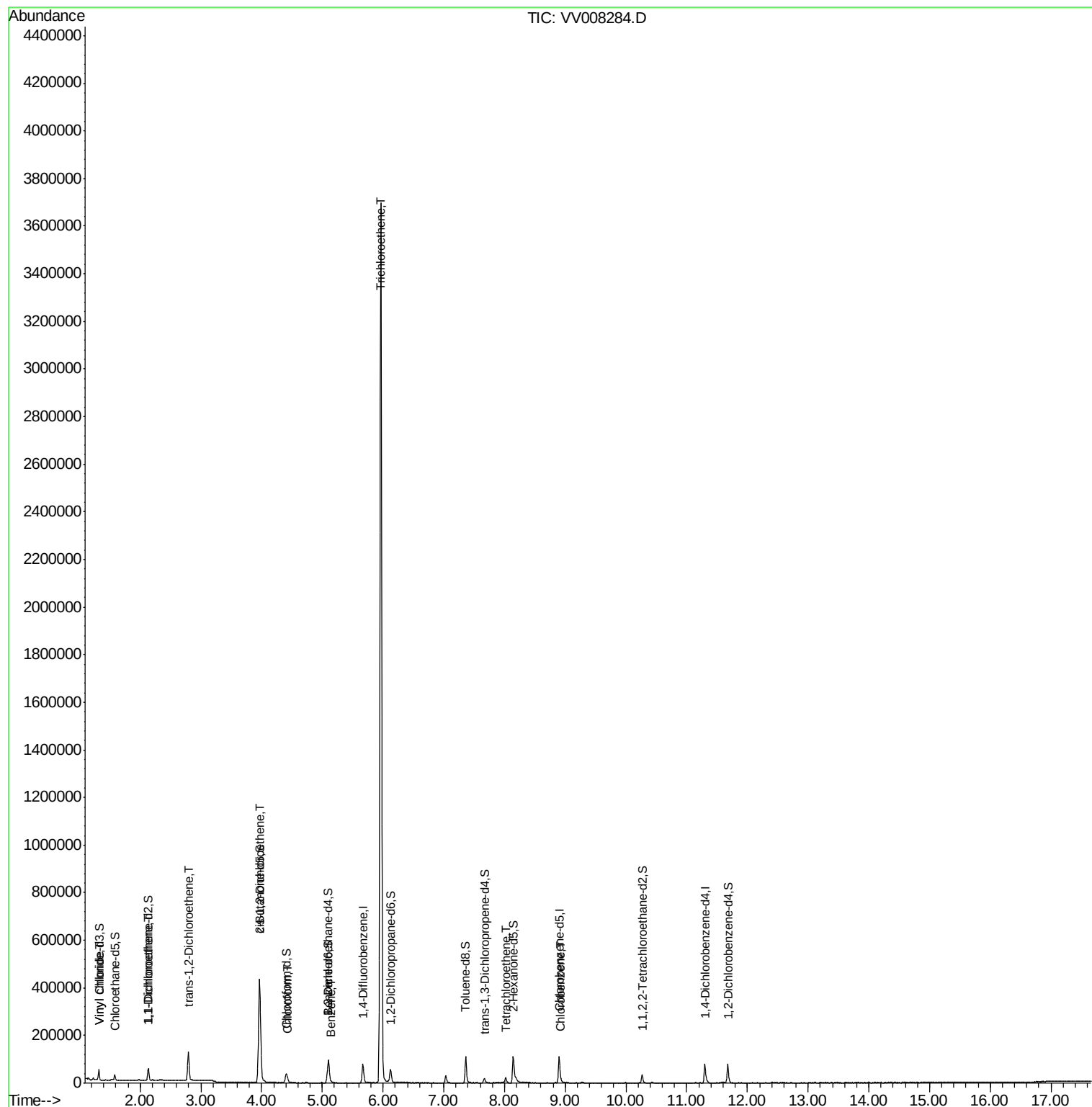
					Ovalue
5) Vinyl chloride	1.32	62	6568	1.293	ug/L 94
12) 1,1-Dichloroethene	2.15	96	1215	0.370	ug/L # 1
18) trans-1,2-Dichloroethene	2.79	96	40091	11.359	ug/L 92
22) cis-1,2-Dichloroethene	3.97	96	225573	39.584	ug/L # 100
25) Chloroform	4.44	83	3442	0.385	ug/L 99
33) Benzene	5.15	78	2944	0.146	ug/L 100
34) Trichloroethene	5.96	95	1322015	236.793	ug/L 98
47) Tetrachloroethene	8.02	164	4583	1.310	ug/L 96
51) Chlorobenzene	8.93	112	5417	0.434	ug/L 99

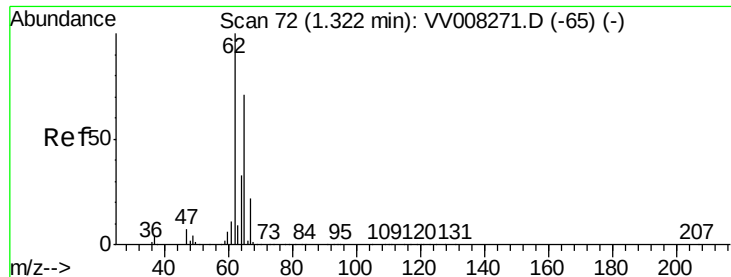
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 16 05:17:07 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.293 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV008284.D

Acq: 15 Oct 2018 19:40

Instrument :

MSVOA_V

ClientSampleId :

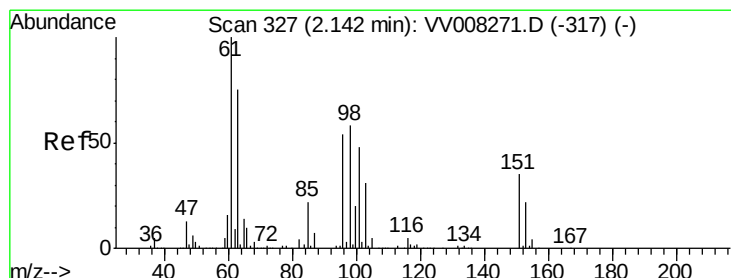
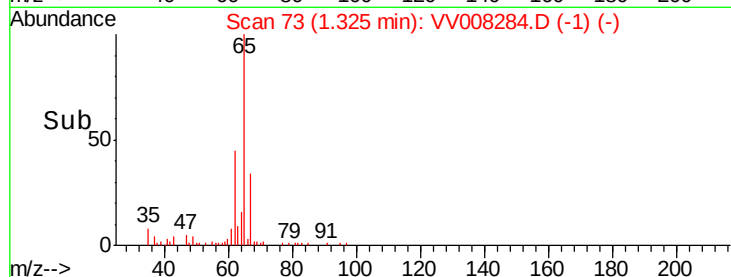
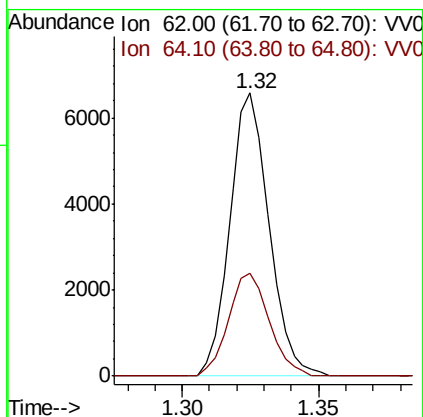
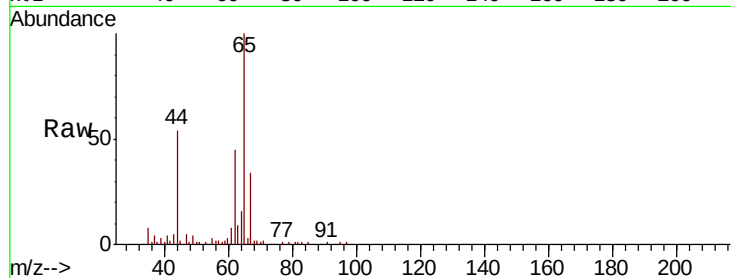
CWJT0

Tot Ion: 62 Resp: 6568

Ion Ratio Lower Upper

62 100

64 36.3 22.9 42.5



#12

1,1-Dichloroethene

Concen: 0.370 ug/L

RT: 2.15 min Scan# 329

Delta R.T. 0.01 min

Lab File: VV008284.D

Acq: 15 Oct 2018 19:40

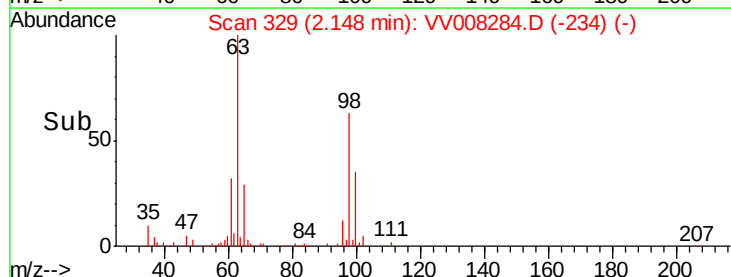
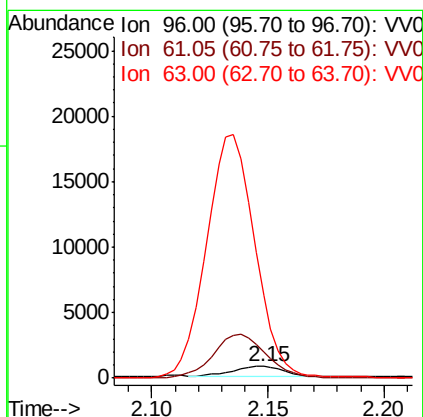
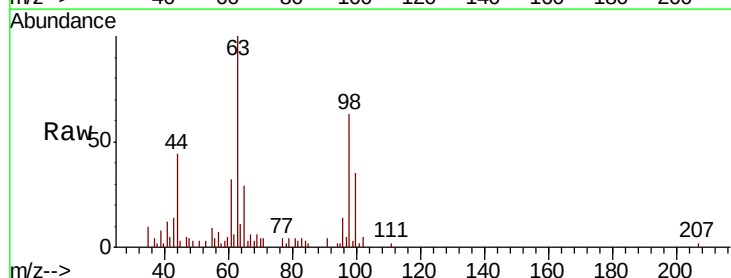
Tgt Ion: 96 Resp: 1215

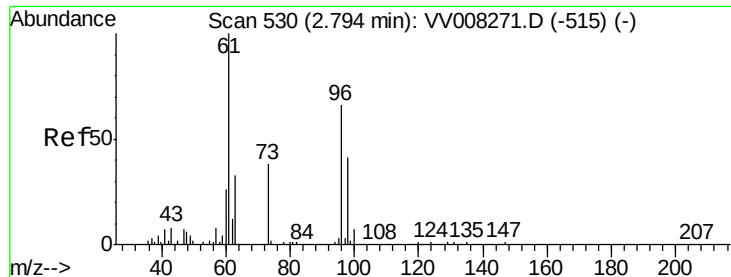
Ion Ratio Lower Upper

96 100

61 224.2 129.9 241.3

63 697.8 103.0 191.4#





#18

trans-1,2-Dichloroethene

Concen: 11.359 ug/L

RT: 2.79 min Scan# 530

Delta R.T. -0.00 min

Lab File: VV008284.D

Acq: 15 Oct 2018 19:40

Instrument :

MSVOA_V

ClientSampleId :

CWJT0

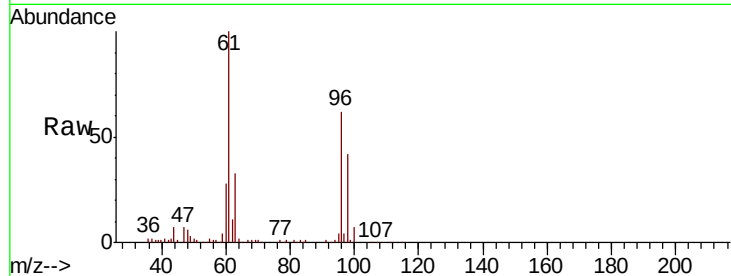
Tot Ion: 96 Resp: 40091

Ion Ratio Lower Upper

96 100

61 160.5 104.6 194.2

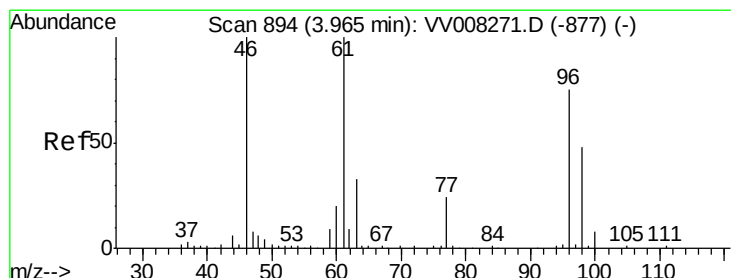
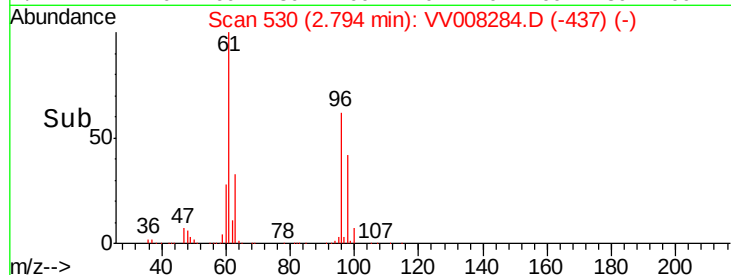
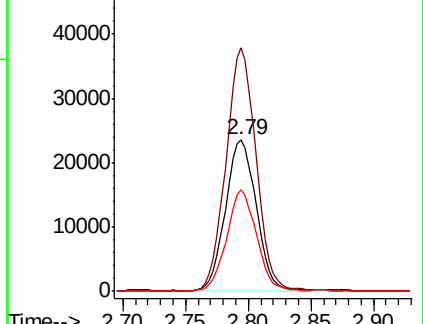
98 67.2 44.1 81.9



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0



#22

cis-1,2-Dichloroethene

Concen: 39.584 ug/L

RT: 3.97 min Scan# 895

Delta R.T. 0.00 min

Lab File: VV008284.D

Acq: 15 Oct 2018 19:40

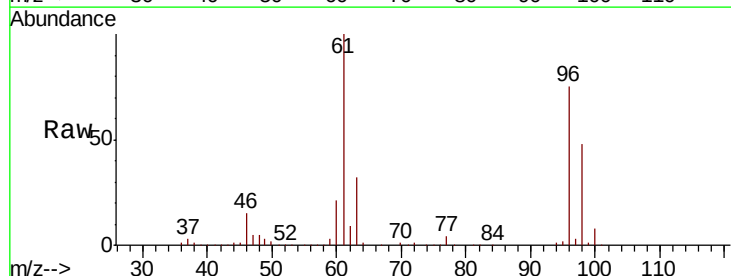
Tgt Ion: 96 Resp: 225573

Ion Ratio Lower Upper

96 100

61 133.4 93.7 174.1

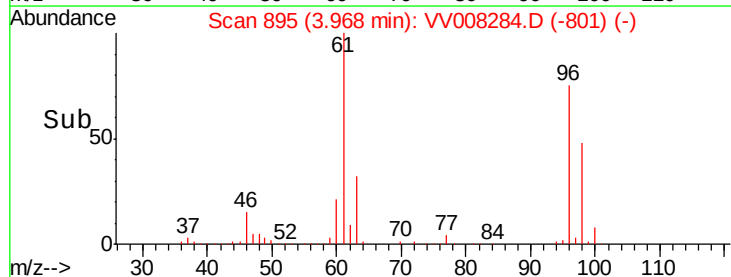
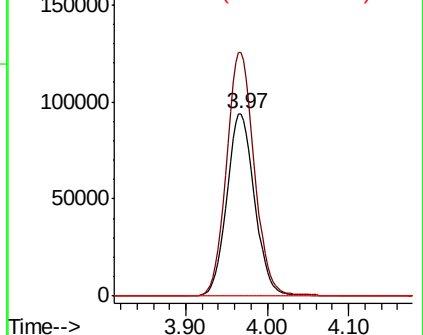
68 0.0 0.6 1.2#

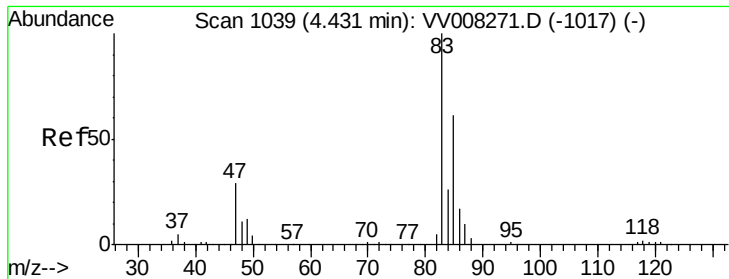


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

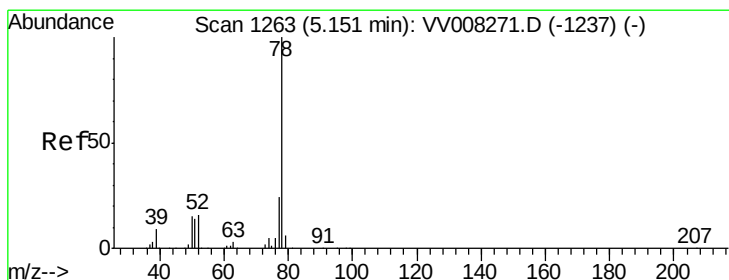
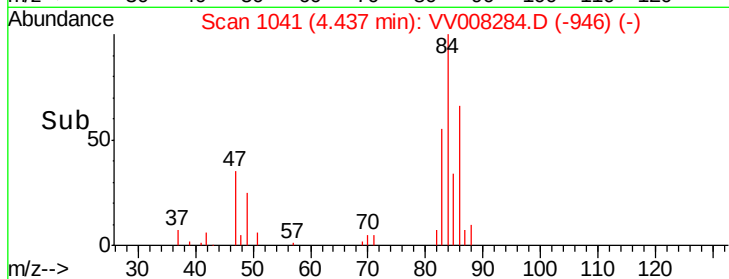
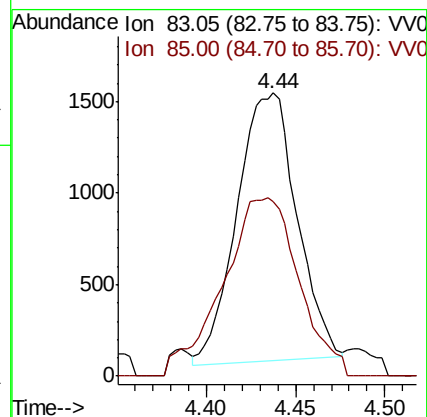
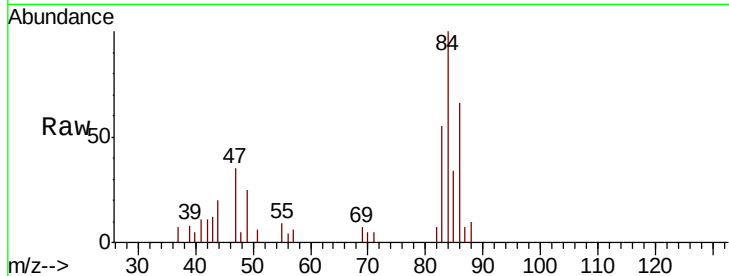




#25
Chloroform
Concen: 0.385 ug/L
RT: 4.44 min Scan# 1041
Delta R.T. 0.01 min
Lab File: VV008284.D
Acq: 15 Oct 2018 19:40

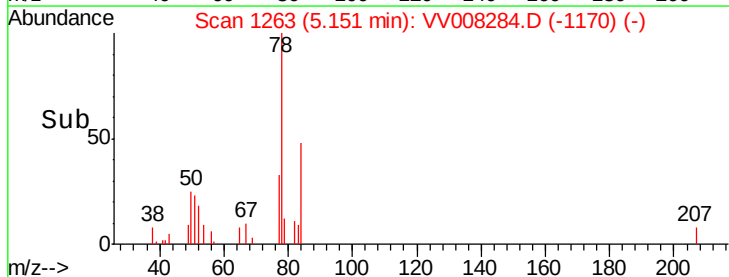
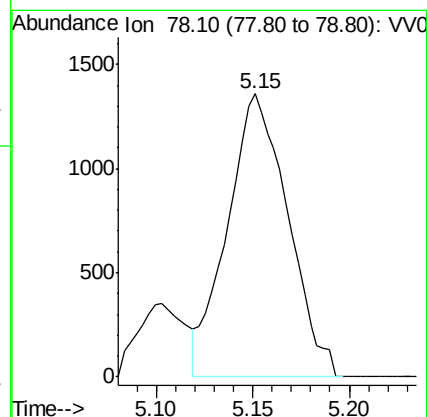
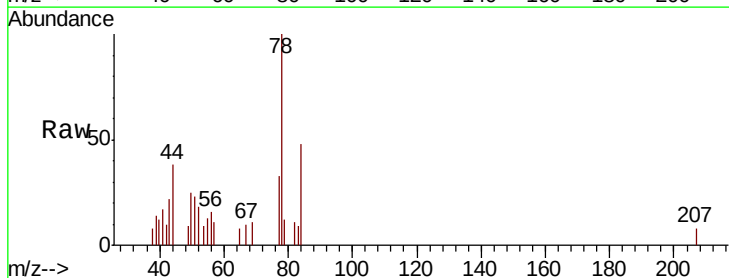
Instrument :
MSVOA_V
ClientSampled :
CWJT0

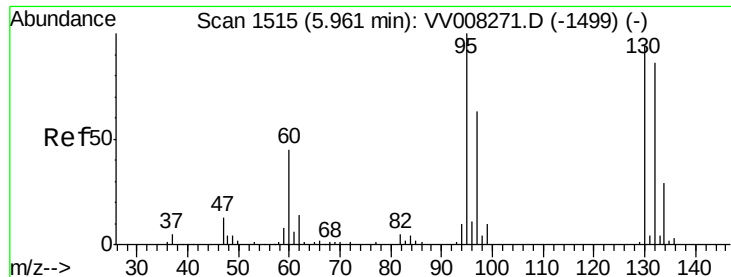
Tot Ion: 83 Resp: 3442
Ion Ratio Lower Upper
83 100
85 61.5 43.4 80.6



#33
Benzene
Concen: 0.146 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VV008284.D
Acq: 15 Oct 2018 19:40

Tgt Ion: 78 Resp: 2944





#34

Trichloroethene

Concen: 236.793 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV008284.D

Acq: 15 Oct 2018 19:40

Instrument :

MSVOA_V

ClientSampleId :

CWJTO

Tot Ion: 95 Resp: 1322015

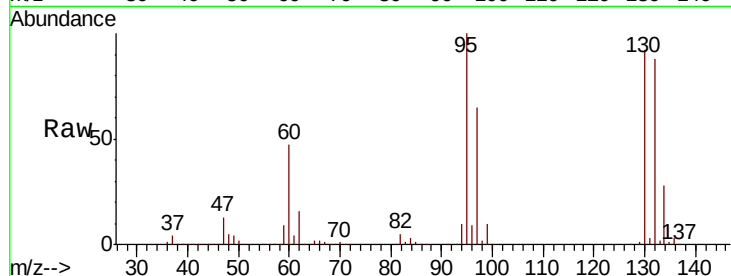
Ion Ratio Lower Upper

95 100

97 64.5 44.4 82.4

132 88.1 60.4 112.2

130 91.7 65.5 121.7



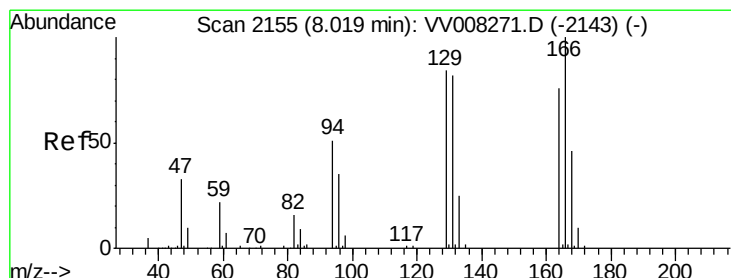
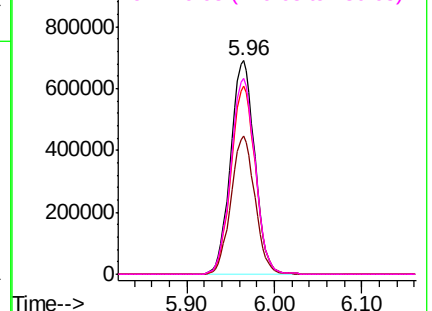
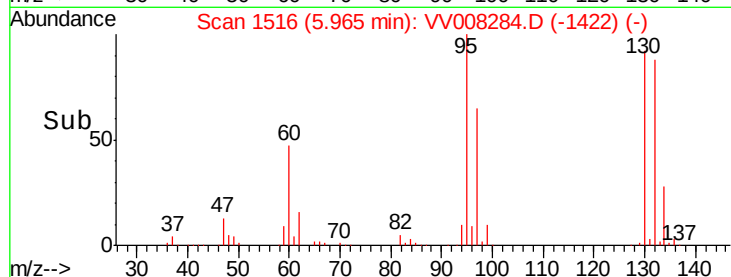
Abundance

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: 1.310 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV008284.D

Acq: 15 Oct 2018 19:40

Tgt Ion:164 Resp: 4583

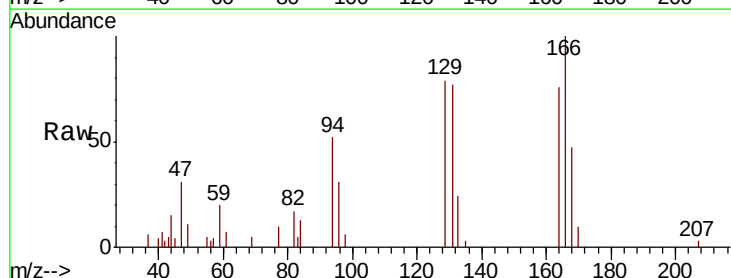
Ion Ratio Lower Upper

164 100

129 104.0 76.5 142.1

131 100.3 74.7 138.7

166 131.1 91.6 170.0



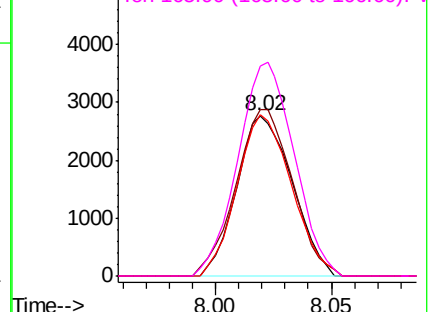
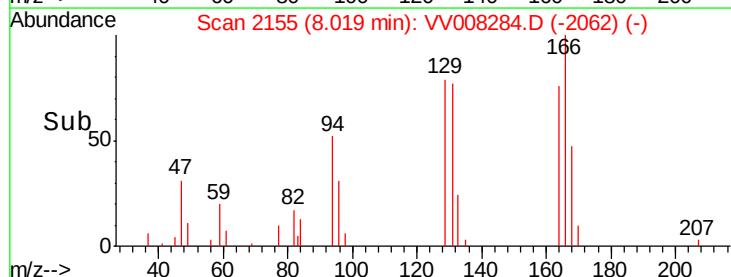
Abundance

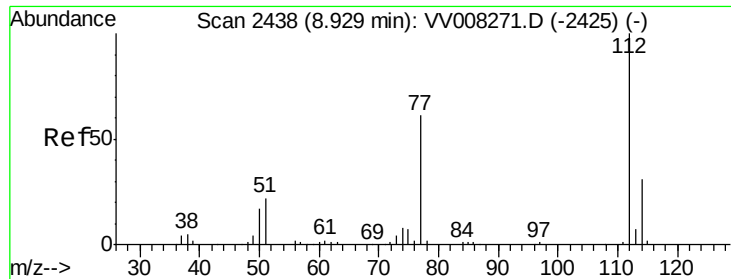
Ion 163.90 (163.60 to 164.60): V

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: 0.434 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. -0.00 min

Lab File: VV008284.D

Acq: 15 Oct 2018 19:40

Instrument :

MSVOA_V

ClientSampleId :

CWJT0

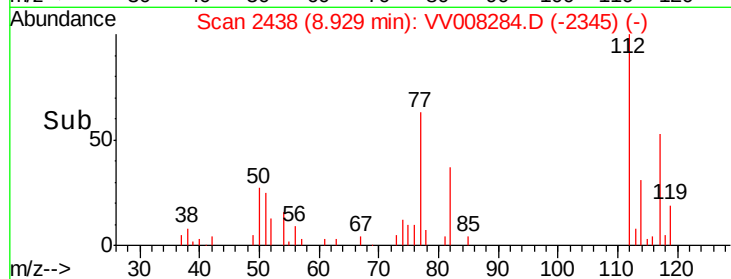
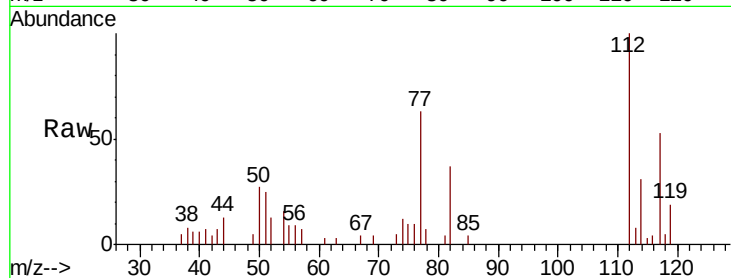
Tot Ion:112 Resp: 5417

Ion Ratio Lower Upper

112 100

114 30.9 21.6 40.0

77 63.0 49.7 74.5



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

