

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101618\
 Data File : VV008290.D
 Acq On : 16 Oct 2018 11:09
 Operator : SY/MD
 Sample : J5406-01
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AH4

Quant Time: Oct 19 11:33:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 17 02:28:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	97778	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	87743	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	33601	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26840	4.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.20%
7) Chloroethane-d5	1.58	69	18763	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.00%
11) 1,1-Dichloroethene-d2	2.13	63	41731	3.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.80%
20) 2-Butanone-d5	3.97	46	85418	46.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.18%
24) Chloroform-d	4.41	84	54162	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.09	65	28064	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
32) Benzene-d6	5.10	84	119652	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.12	67	39075	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.36	98	104601	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	7.67	79	13234	3.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.20%
46) 2-Hexanone-d5	8.14	63	48377	39.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.44%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	22521	4.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	30130	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

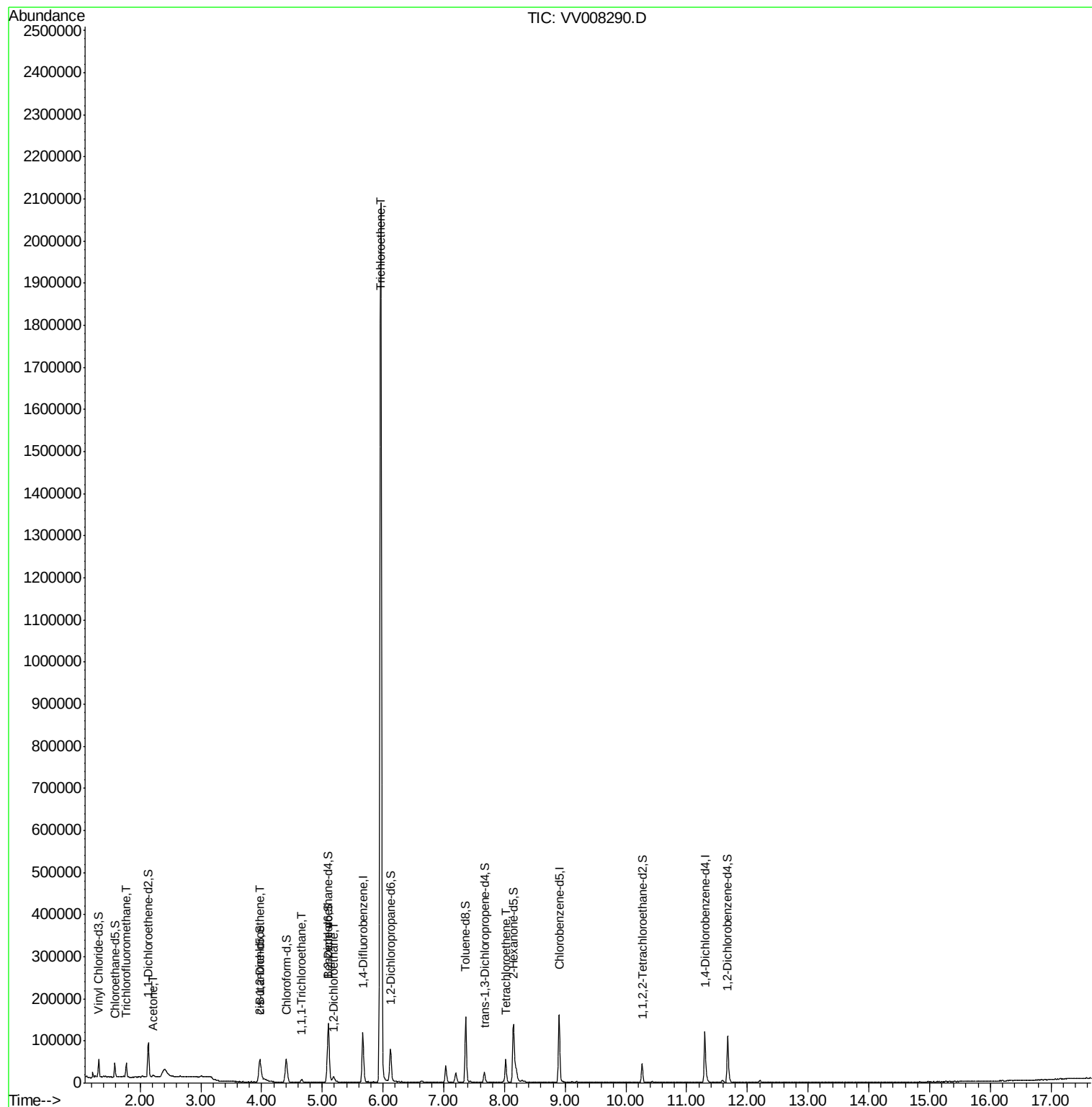
					Ovalue
9) Trichlorofluoromethane	1.77	101	18998	2.148 ug/L	99
13) Acetone	2.22	43	6258	6.241 ug/L	92
22) cis-1,2-Dichloroethene	3.97	96	5412	0.663 ug/L #	95
27) 1,2-Dichloroethane	5.19	62	11062	1.454 ug/L #	93
29) 1,1,1-Trichloroethane	4.65	97	5121	0.469 ug/L	89
34) Trichloroethene	5.96	95	738554	90.135 ug/L	97
47) Tetrachloroethene	8.02	164	11384	2.217 ug/L	94

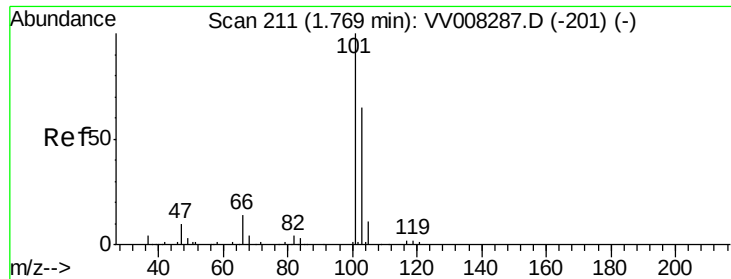
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 2.148 ug/L

RT: 1.77 min Scan# 212

Delta R.T. 0.00 min

Lab File: VV008290.D

Acq: 16 Oct 2018 11:09

Instrument :

MSVOA_V

ClientSampleId :

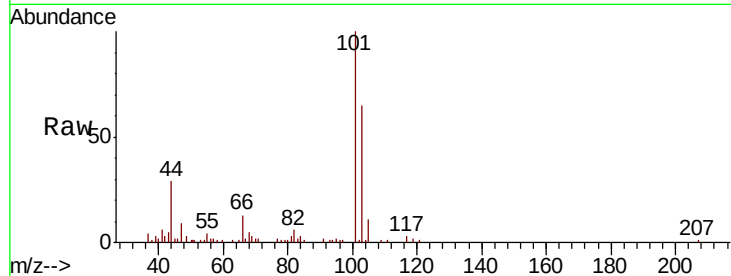
C0AH4

Tot Ion:101 Resp: 18998

Ion Ratio Lower Upper

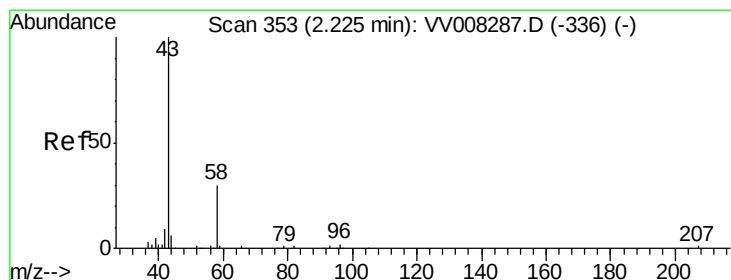
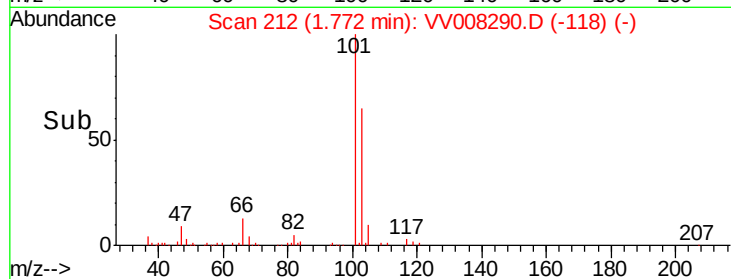
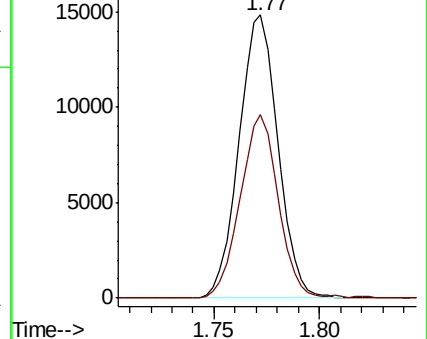
101 100

103 63.6 51.8 77.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 6.241 ug/L

RT: 2.22 min Scan# 351

Delta R.T. -0.01 min

Lab File: VV008290.D

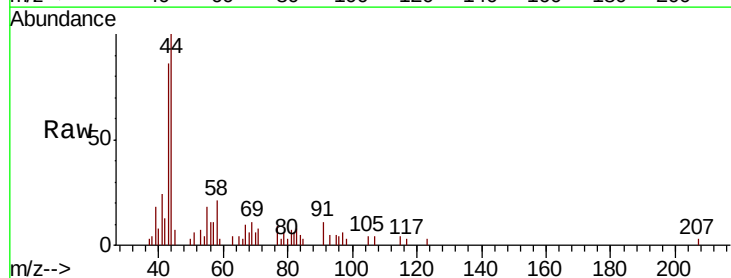
Acq: 16 Oct 2018 11:09

Tgt Ion: 43 Resp: 6258

Ion Ratio Lower Upper

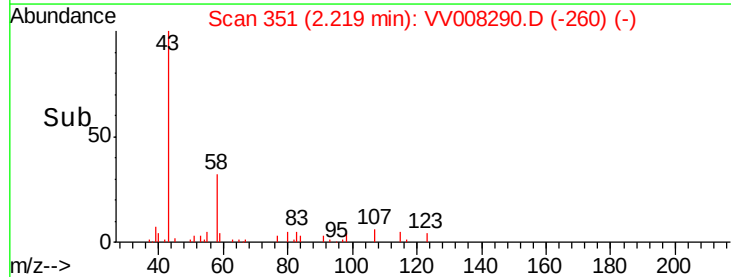
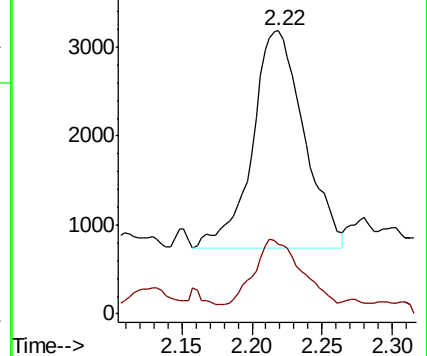
43 100

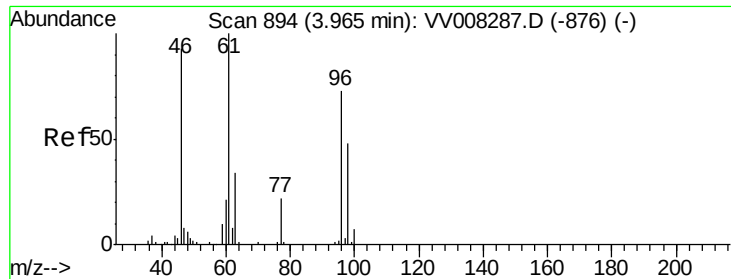
58 26.9 0.0 62.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#22

cis-1,2-Dichloroethene

Concen: 0.663 ug/L

RT: 3.97 min Scan# 895

Delta R.T. 0.00 min

Lab File: VV008290.D

Acq: 16 Oct 2018 11:09

Instrument :

MSVOA_V

ClientSampleId :

C0AH4

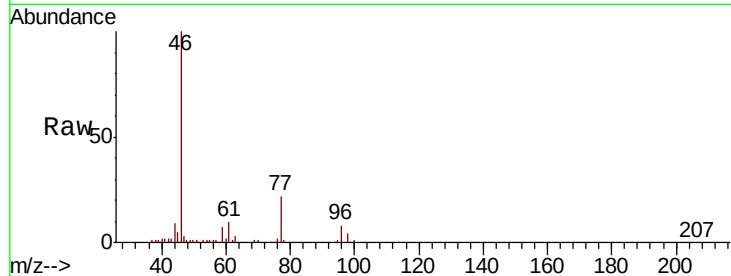
Tot Ion: 96 Resp: 5412

Ion Ratio Lower Upper

96 100

61 127.8 93.7 174.1

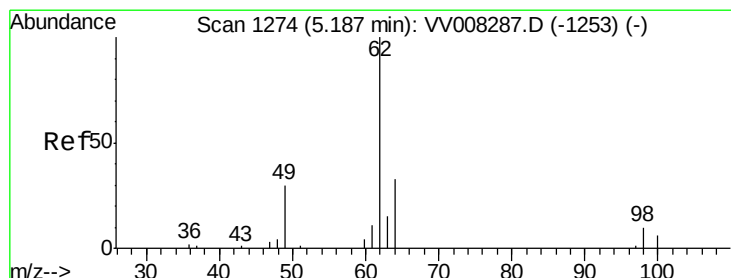
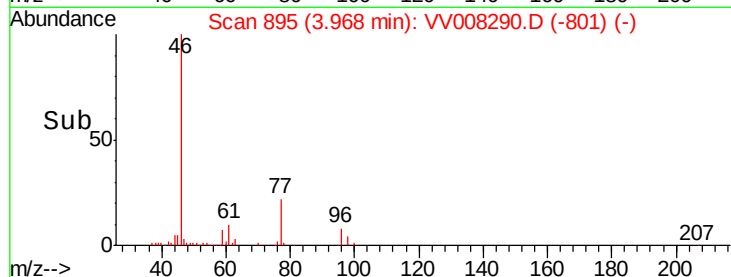
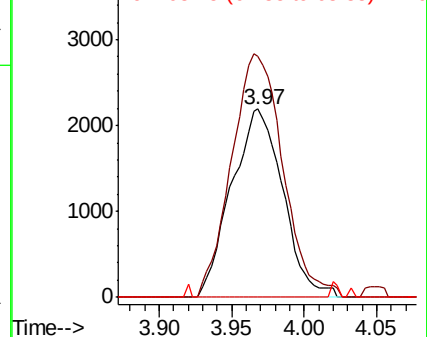
68 0.0 0.6 1.2#



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



#27

1,2-Dichloroethane

Concen: 1.454 ug/L

RT: 5.19 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VV008290.D

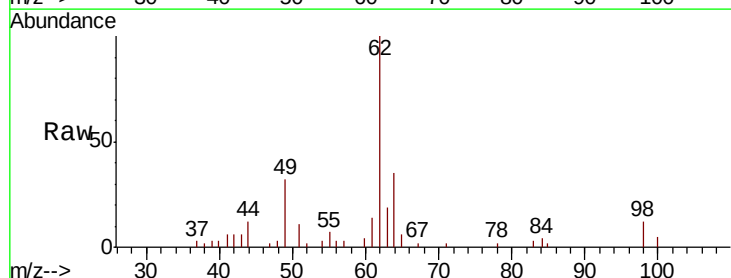
Acq: 16 Oct 2018 11:09

Tgt Ion: 62 Resp: 11062

Ion Ratio Lower Upper

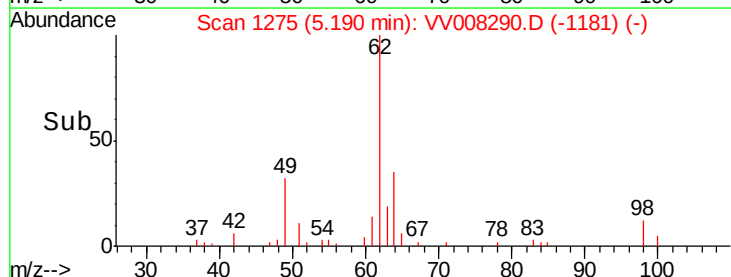
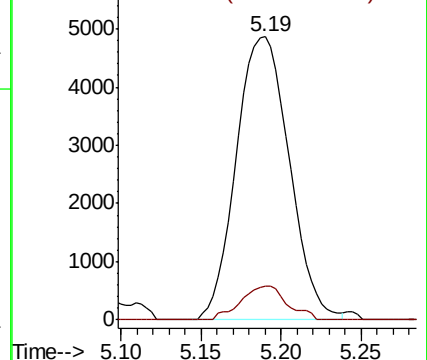
62 100

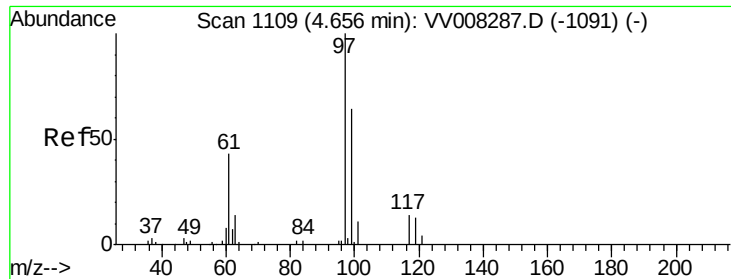
98 12.0 7.6 11.4#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0

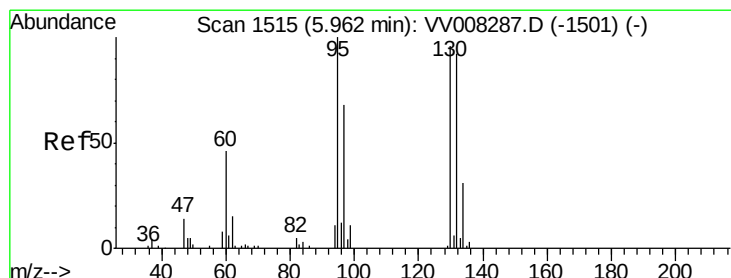
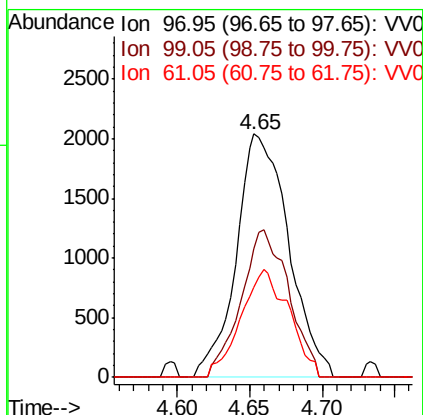
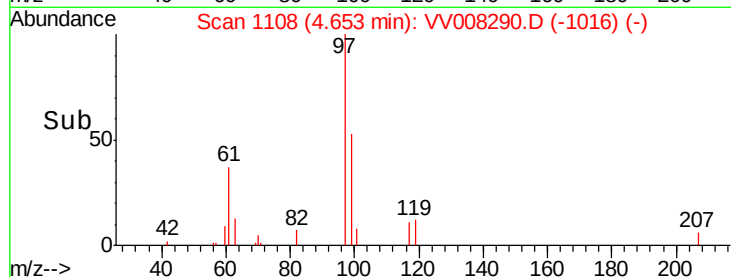
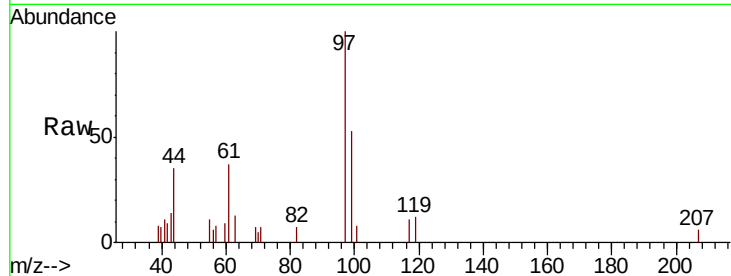




#29
1,1,1-Trichloroethane
Concen: 0.469 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. -0.00 min
Lab File: VV008290.D
Acq: 16 Oct 2018 11:09

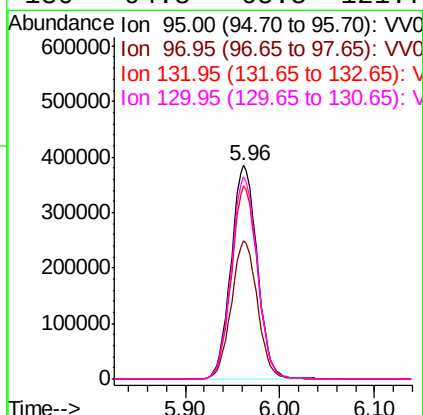
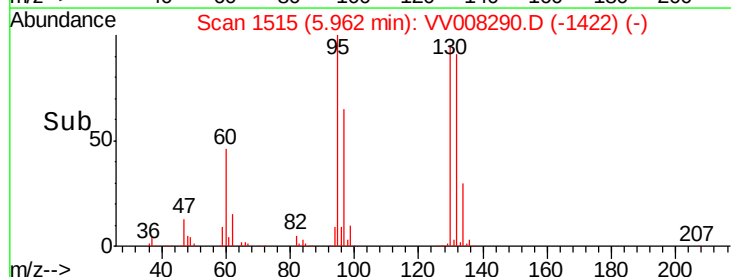
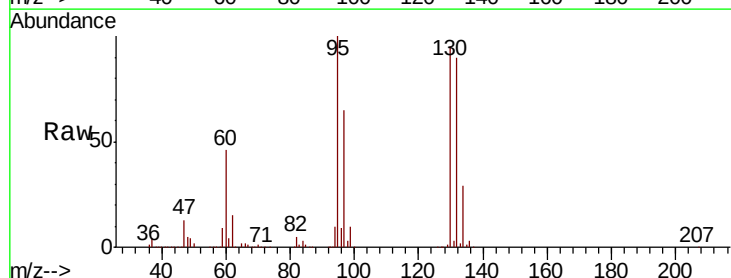
Instrument :
MSVOA_V
ClientSampled :
C0AH4

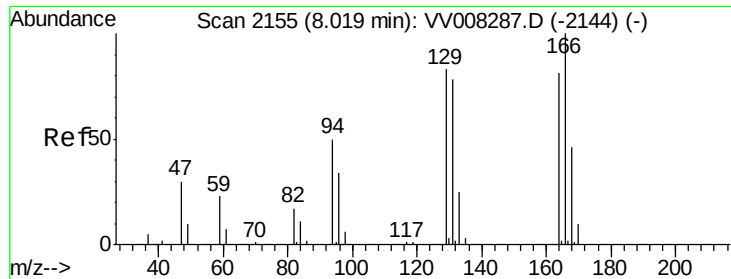
Tot Ion: 97 Resp: 5121
Ion Ratio Lower Upper
97 100
99 55.1 51.6 77.4
61 40.6 37.0 55.6



#34
Trichloroethene
Concen: 90.135 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV008290.D
Acq: 16 Oct 2018 11:09

Tgt Ion: 95 Resp: 738554
Ion Ratio Lower Upper
95 100
97 64.9 44.4 82.4
132 90.3 60.4 112.2
130 94.8 65.5 121.7





#47

Tetrachloroethene

Concen: 2.217 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV008290.D

Acq: 16 Oct 2018 11:09

Instrument :
MSVOA_V
ClientSampleId :
C0AH4

Tot Ion:164 Resp: 11384

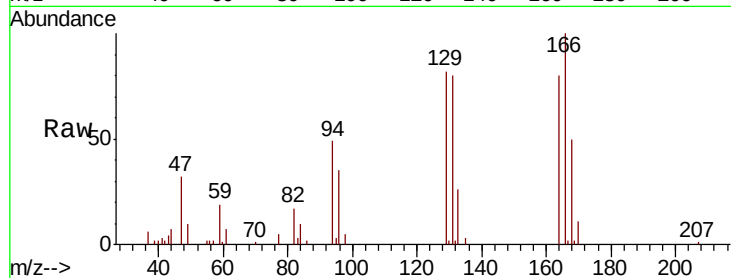
Ion Ratio Lower Upper

164 100

129 102.7 76.5 142.1

131 99.5 74.7 138.7

166 124.5 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

