

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100418\
 Data File : VV008063.D
 Acq On : 04 Oct 2018 15:28
 Operator : SY/MD
 Sample : J5246-05
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J73

Quant Time: Oct 05 05:47:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 05 05:20:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	81278	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	78019	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	37910	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18701	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	1.59	69	18208	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.14	63	30527	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	3.96	46	71121	54.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.54%
24) Chloroform-d	4.41	84	50324	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.09	65	27655	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.10	84	93760	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.12	67	31013	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.36	98	84836	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	7.67	79	10300	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.14	63	52060	51.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.74%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22739	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	36518	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

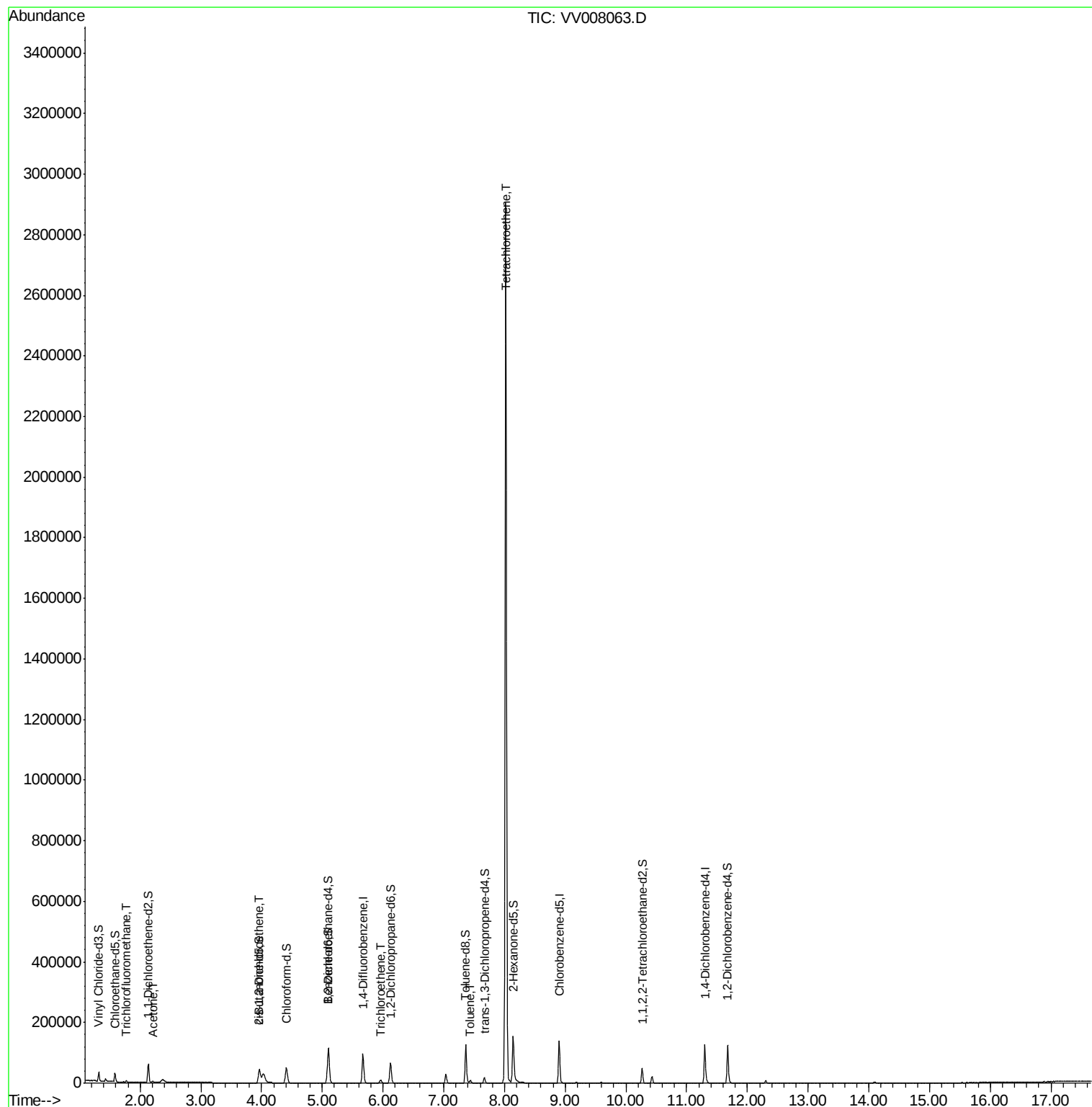
					Qvalue
9) Trichlorofluoromethane	1.78	101	1855	0.175 ug/L	85
13) Acetone	2.21	43	2533	2.653 ug/L	88
22) cis-1,2-Dichloroethene	3.97	96	2564	0.428 ug/L	96
34) Trichloroethene	5.97	95	2751	0.430 ug/L	93
42) Toluene	7.44	91	6533	0.269 ug/L	100
47) Tetrachloroethene	8.02	164	671233	113.237 ug/L	98

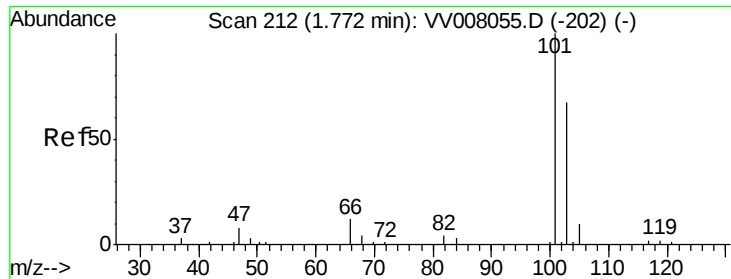
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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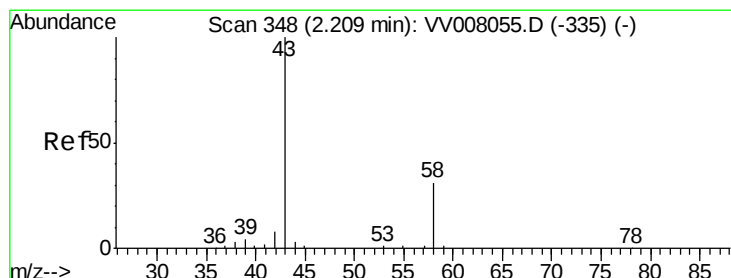
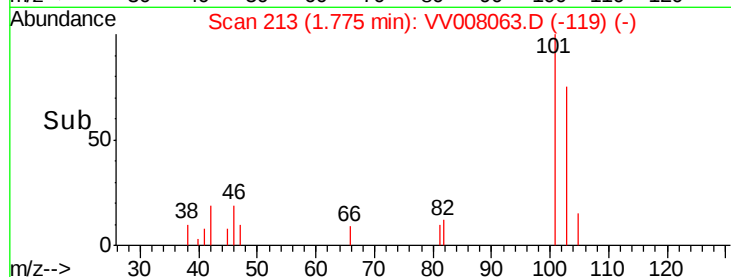
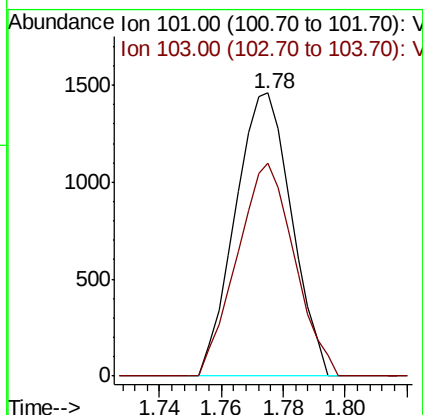
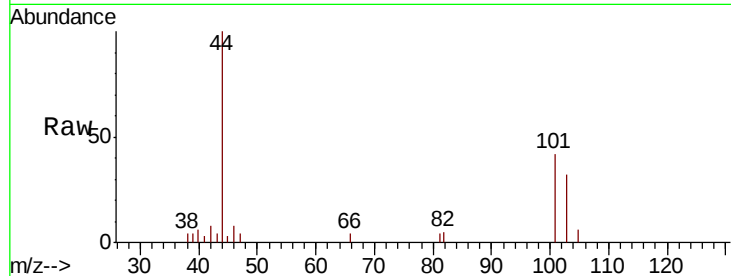


#9

Trichlorofluoromethane
 Concen: 0.175 ug/L
 RT: 1.78 min Scan# 213
 Delta R.T. 0.00 min
 Lab File: VV008063.D
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 ClientSampleId :
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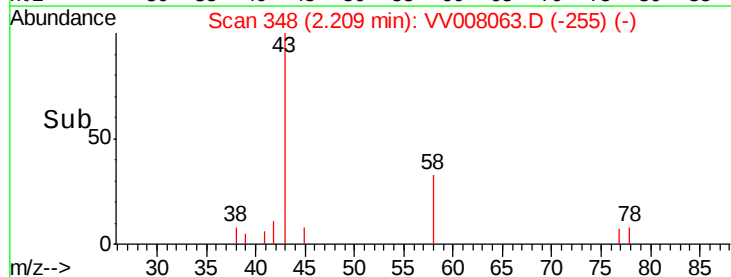
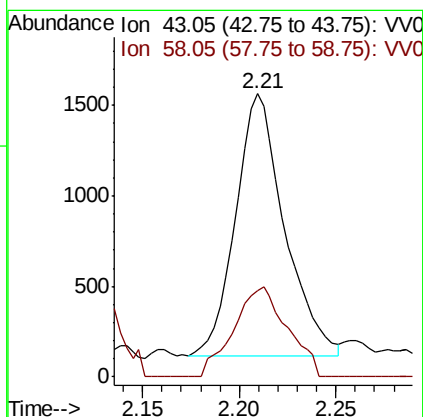
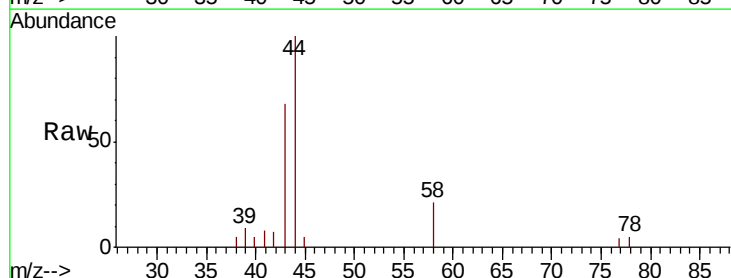
Tgt Ion: 101 Resp: 1855
 Ion Ratio Lower Upper
 101 100
 103 76.4 51.5 77.3

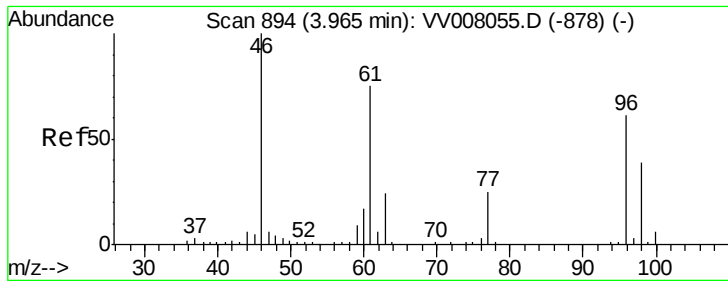


#13

Acetone
 Concen: 2.653 ug/L
 RT: 2.21 min Scan# 348
 Delta R.T. 0.00 min
 Lab File: VV008063.D
 Acq: 04 Oct 2018 15:28

Tgt Ion: 43 Resp: 2533
 Ion Ratio Lower Upper
 43 100
 58 37.7 0.0 62.0



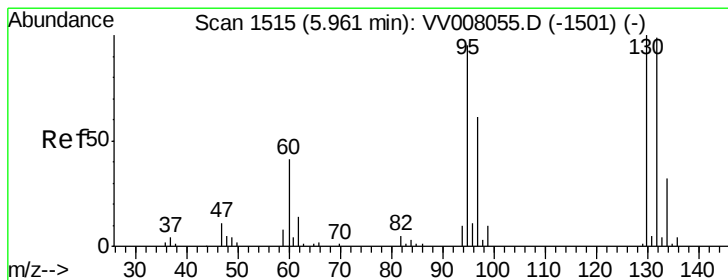
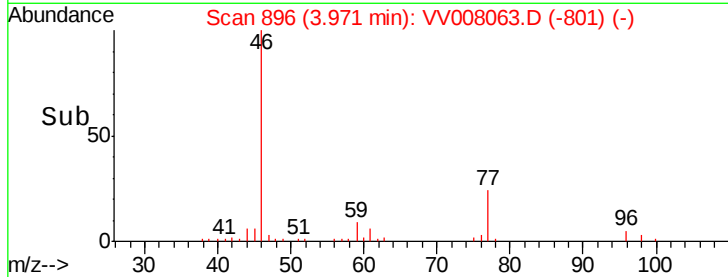
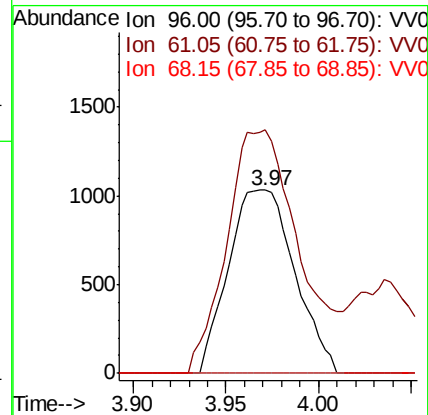
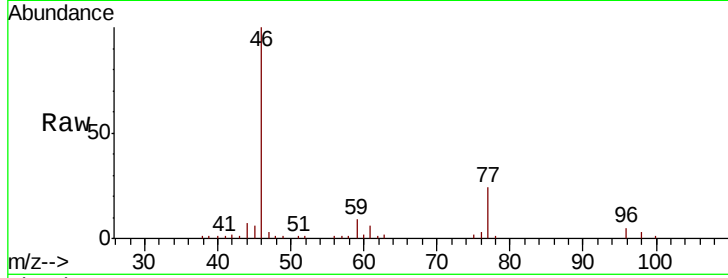


#22

cis-1,2-Dichloroethene
 Concen: 0.428 ug/L
 RT: 3.97 min Scan# 896
 Delta R.T. 0.01 min
 Lab File: VV008063.D
 Acq: 04 Oct 2018 15:28

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J73

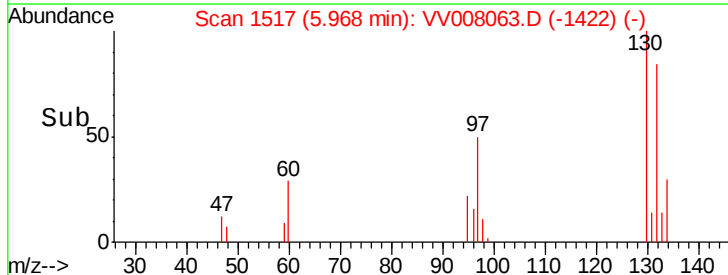
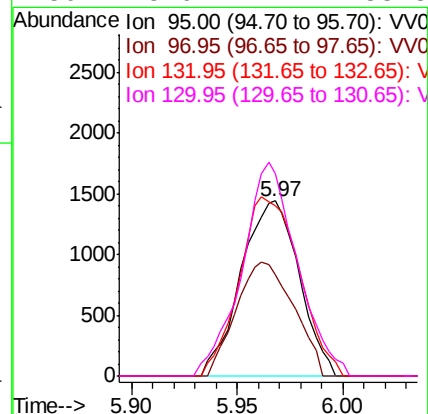
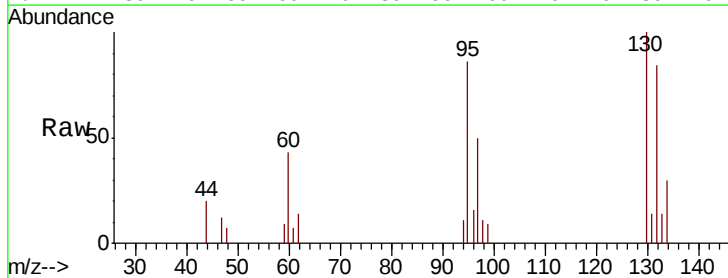
Tgt Ion: 96 Resp: 2564
 Ion Ratio Lower Upper
 96 100
 61 132.8 89.5 166.1
 68 0.0 0.0 0.0

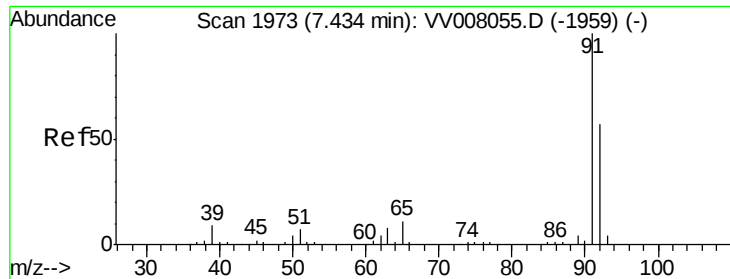


#34

Trichloroethene
 Concen: 0.430 ug/L
 RT: 5.97 min Scan# 1517
 Delta R.T. 0.01 min
 Lab File: VV008063.D
 Acq: 04 Oct 2018 15:28

Tgt Ion: 95 Resp: 2751
 Ion Ratio Lower Upper
 95 100
 97 58.1 43.6 81.0
 132 97.3 69.9 129.9
 130 115.9 71.7 133.3





#42

Toluene

Concen: 0.269 ug/L

RT: 7.44 min Scan# 1974

Delta R.T. 0.00 min

Lab File: VV008063.D

Acq: 04 Oct 2018 15:28

Instrument :

MSVOA_V

ClientSampleId :

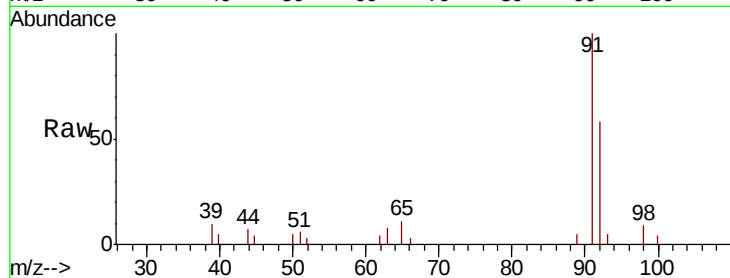
C0J73

Tgt Ion: 91 Resp: 6533

Ion Ratio Lower Upper

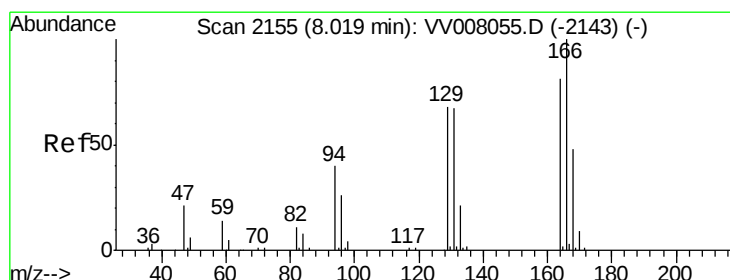
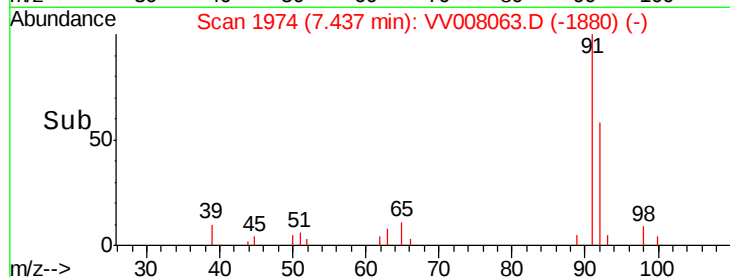
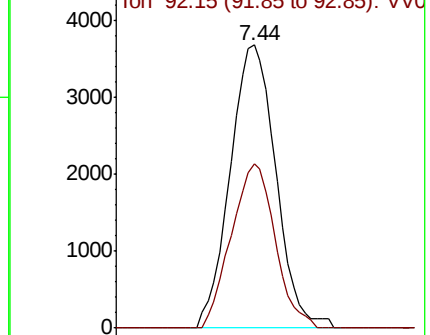
91 100

92 58.2 40.8 75.8



Abundance Ion 91.15 (90.85 to 91.85): VV008055.D (-1959) (-)

Ion 92.15 (91.85 to 92.85): VV008055.D (-1959) (-)



#47

Tetrachloroethene

Concen: 113.237 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV008063.D

Acq: 04 Oct 2018 15:28

Tgt Ion: 164 Resp: 671233

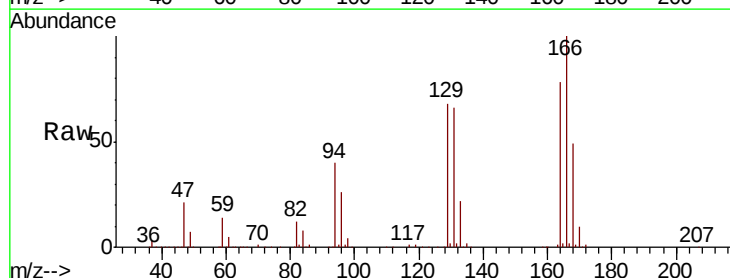
Ion Ratio Lower Upper

164 100

129 87.3 59.2 110.0

131 84.9 57.1 106.1

166 127.8 88.6 164.6



Abundance Ion 163.90 (163.60 to 164.60): VV008055.D (-2143) (-)

Ion 128.95 (128.65 to 129.65): VV008055.D (-2143) (-)

Ion 130.95 (130.65 to 131.65): VV008055.D (-2143) (-)

Ion 165.90 (165.60 to 166.60): VV008055.D (-2143) (-)

