

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101818\
 Data File : VV008344.D
 Acq On : 18 Oct 2018 15:32
 Operator : SY/MD
 Sample : J5422-01
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0920

Quant Time: Oct 19 06:38:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 19 05:24:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	106000	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	93059	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	37642	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32465	5.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.40%
7) Chloroethane-d5	1.58	69	21907	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.13	63	48602	4.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.60%
20) 2-Butanone-d5	3.96	46	93592	46.58	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.16%
24) Chloroform-d	4.41	84	62576	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.09	65	32158	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.10	84	135629	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.12	67	47329	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.36	98	120621	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
43) trans-1,3-Dichloropropene-	7.67	79	12619	3.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.60%
46) 2-Hexanone-d5	8.14	63	58529	44.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.48%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	26915	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	37286	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

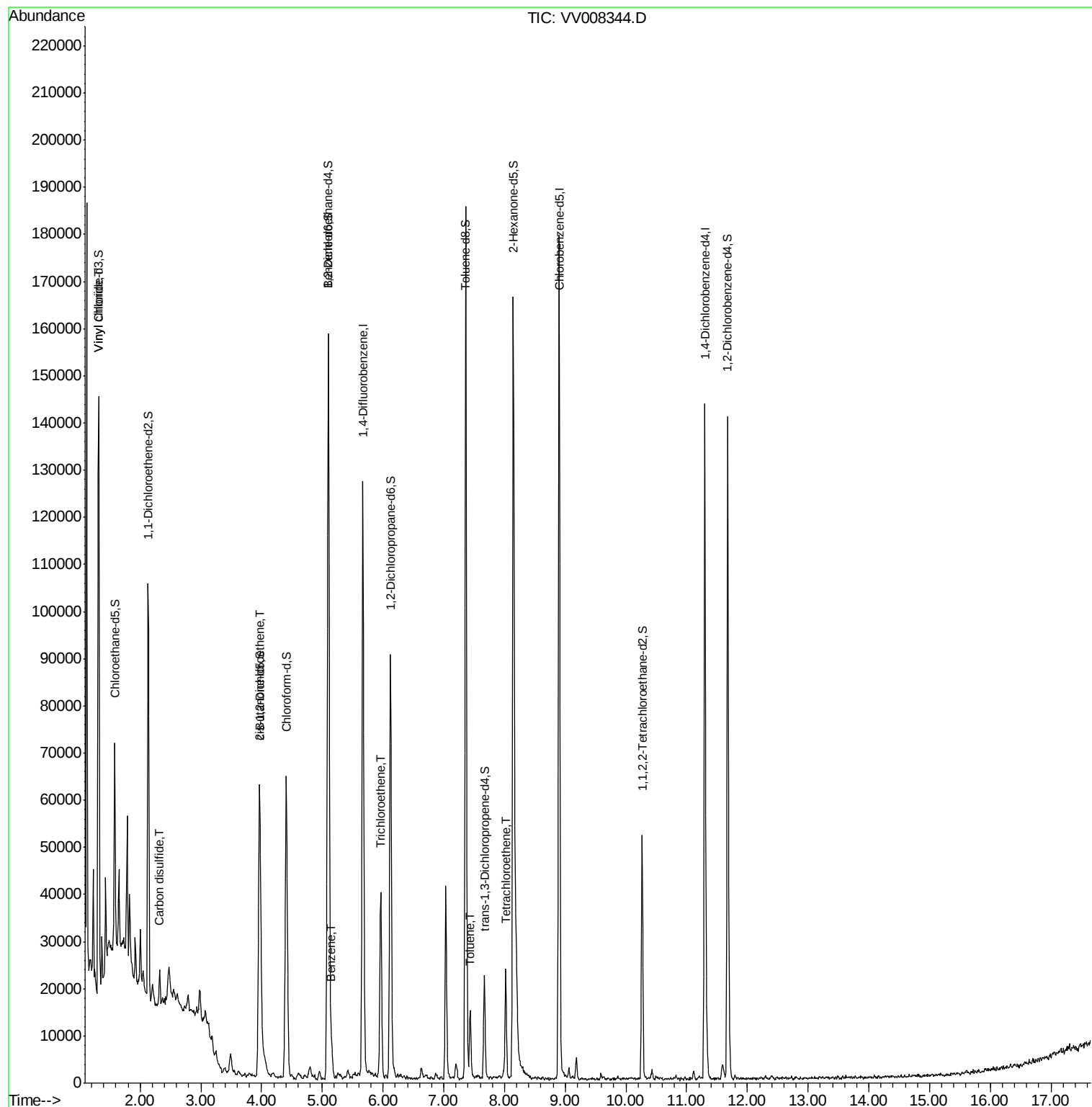
					Ovalue
5) Vinyl chloride	1.32	62	7734	0.981 ug/L #	50
14) Carbon disulfide	2.32	76	8711	0.497 ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	8207	0.928 ug/L #	92
33) Benzene	5.15	78	5861	0.187 ug/L	100
34) Trichloroethene	5.96	95	13385	1.540 ug/L	98
42) Toluene	7.43	91	10408	0.318 ug/L	97
47) Tetrachloroethene	8.02	164	4808	0.883 ug/L	91

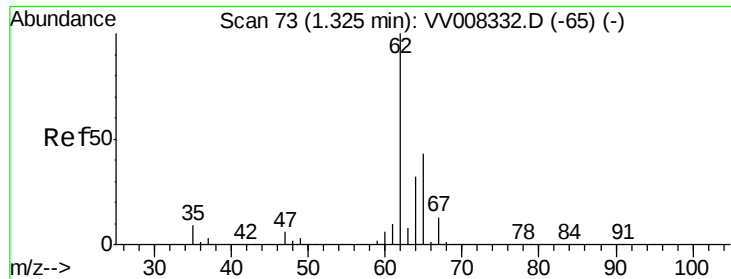
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.981 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VV008344.D

Acq: 18 Oct 2018 15:32

Instrument :

MSVOA_V

ClientSampled :

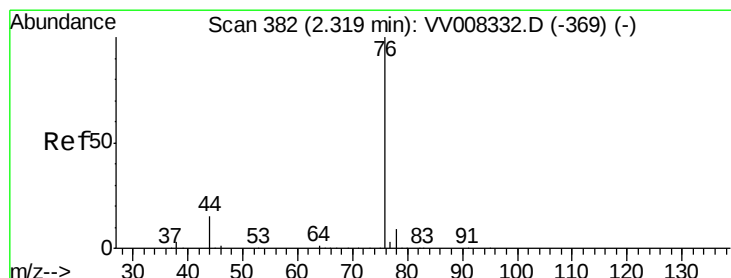
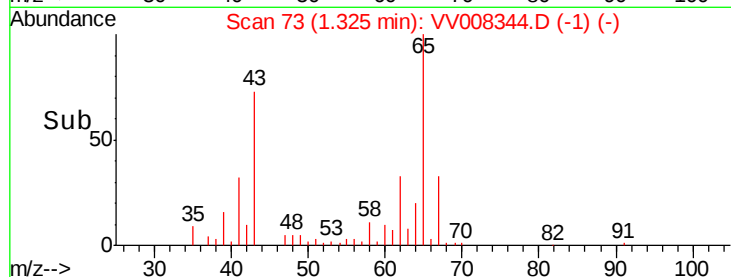
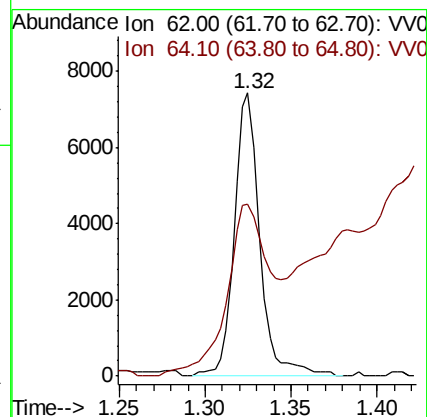
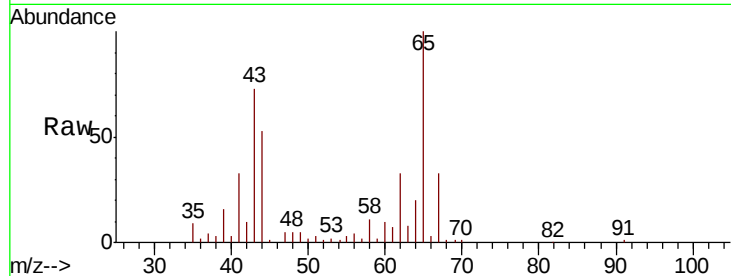
C0920

Tot Ion: 62 Resp: 7734

Ion Ratio Lower Upper

62 100

64 60.9 22.9 42.5#



#14

Carbon disulfide

Concen: 0.497 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VV008344.D

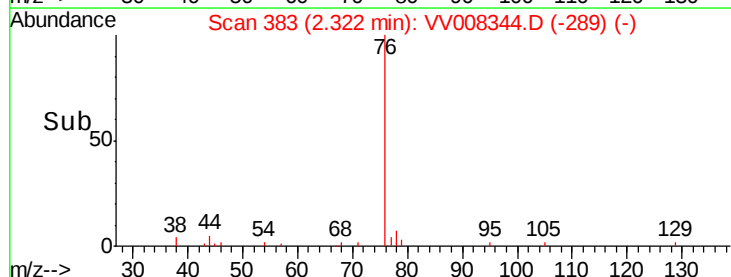
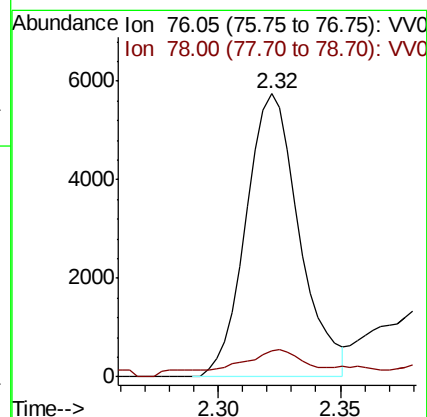
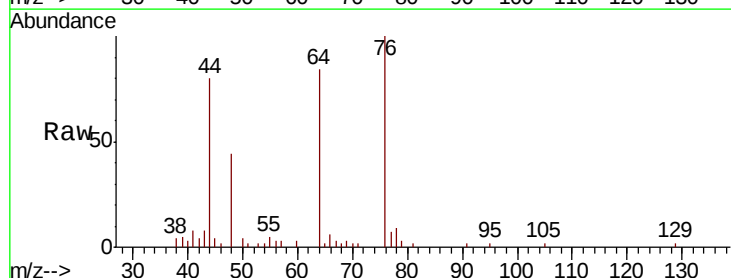
Acq: 18 Oct 2018 15:32

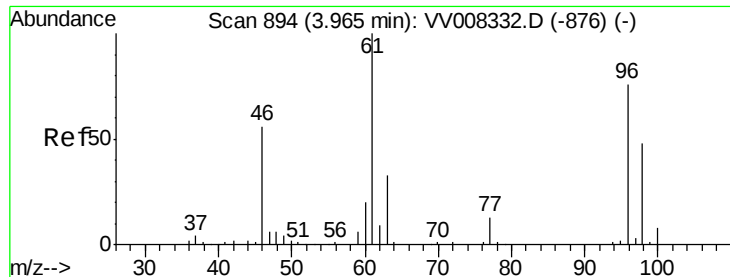
Tgt Ion: 76 Resp: 8711

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2



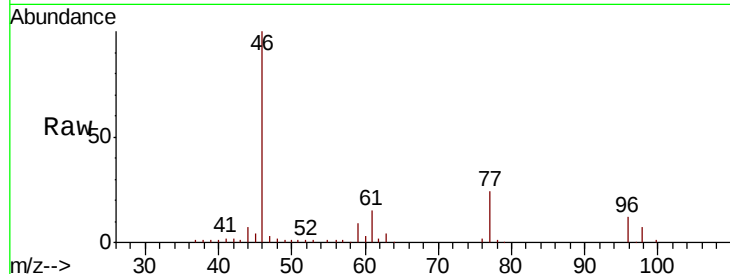


#22

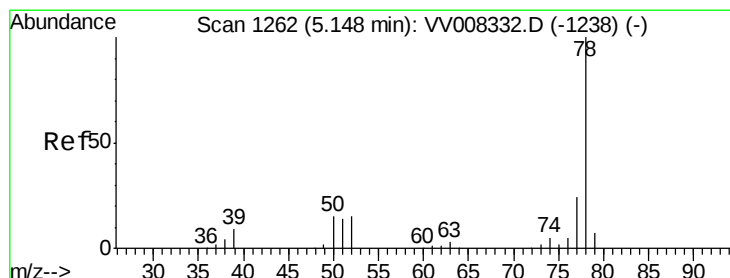
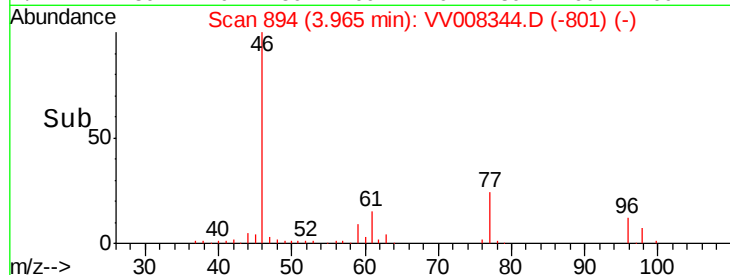
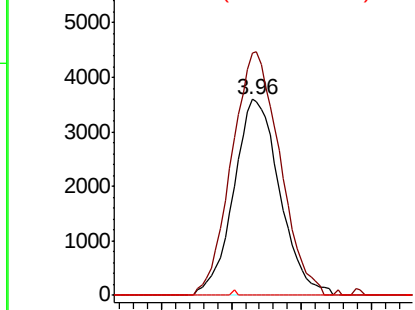
cis-1,2-Dichloroethene
 Concen: 0.928 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. -0.00 min
 Lab File: VV008344.D
 Acq: 18 Oct 2018 15:32

Instrument :
 MSVOA_V
 ClientSampleId :
 C0920

Tot Ion: 96 Resp: 8207
 Ion Ratio Lower Upper
 96 100
 61 123.8 93.7 174.1
 68 0.0 0.6 1.2#



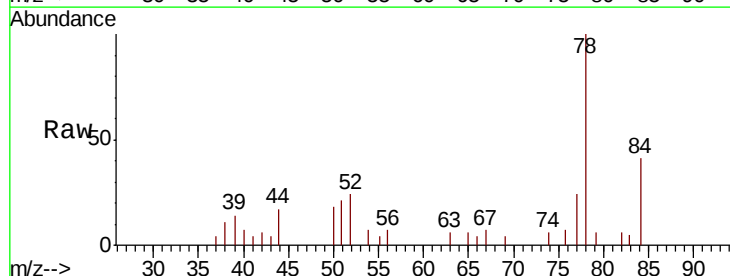
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



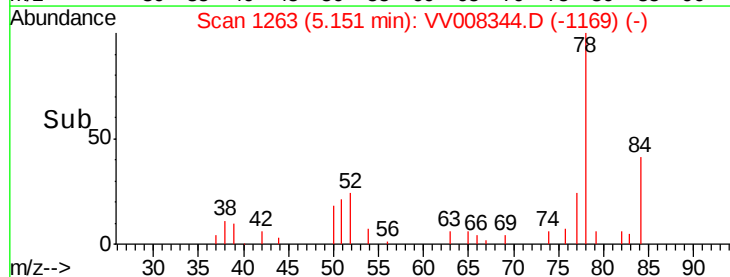
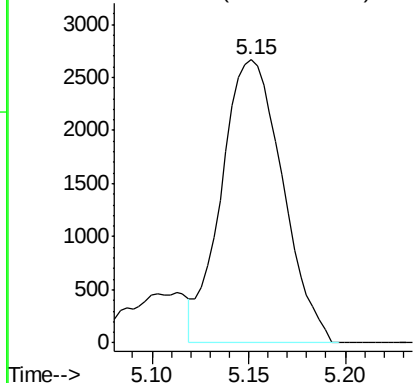
#33

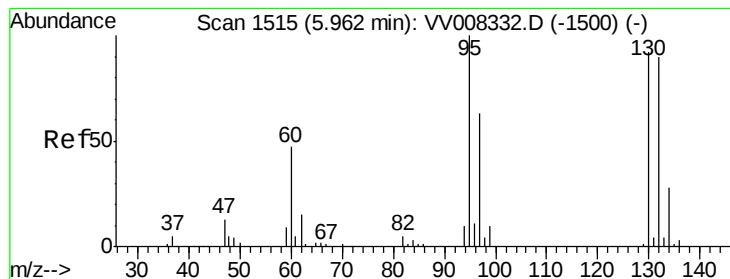
Benzene
 Concen: 0.187 ug/L
 RT: 5.15 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VV008344.D
 Acq: 18 Oct 2018 15:32

Tgt Ion: 78 Resp: 5861



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 1.540 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV008344.D

Acq: 18 Oct 2018 15:32

Instrument :

MSVOA_V

ClientSampled :

C0920

Tot Ion: 95 Resp: 13385

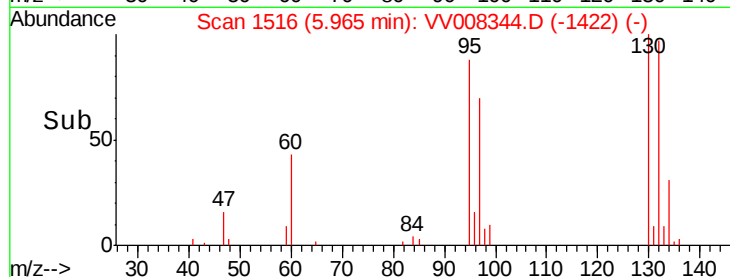
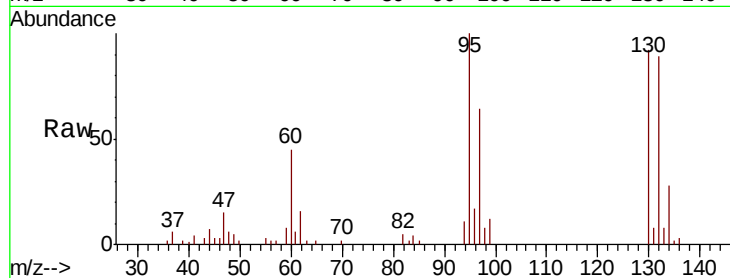
Ion Ratio Lower Upper

95 100

97 64.4 44.4 82.4

132 88.6 60.4 112.2

130 91.8 65.5 121.7

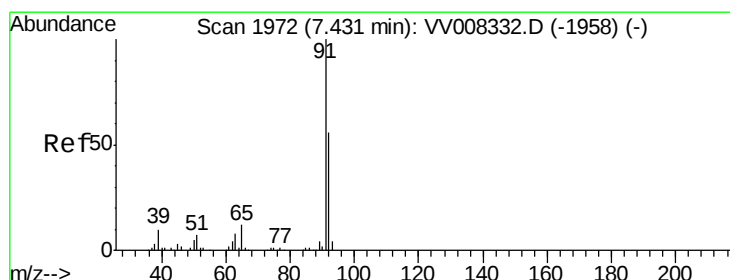
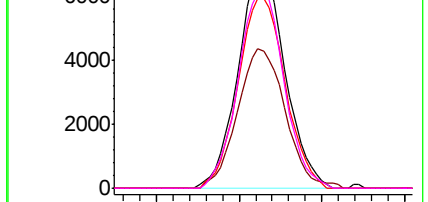


Abundance Ion 95.00 (94.70 to 95.70): VV008332.D (-1500) (-)

Ion 96.95 (96.65 to 97.65): VV008332.D (-1500) (-)

Ion 131.95 (131.65 to 132.65): VV008332.D (-1500) (-)

Ion 129.95 (129.65 to 130.65): VV008332.D (-1500) (-)



#42

Toluene

Concen: 0.318 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV008344.D

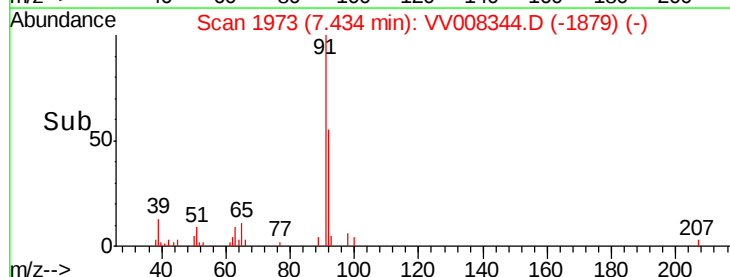
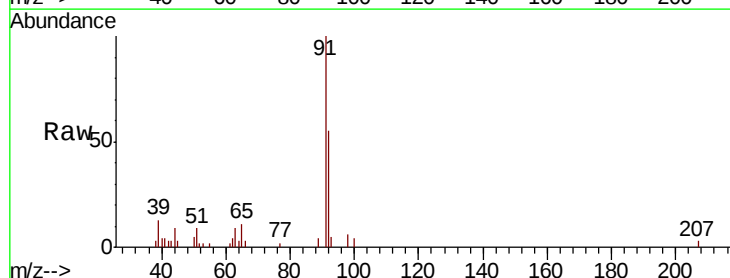
Acq: 18 Oct 2018 15:32

Tgt Ion: 91 Resp: 10408

Ion Ratio Lower Upper

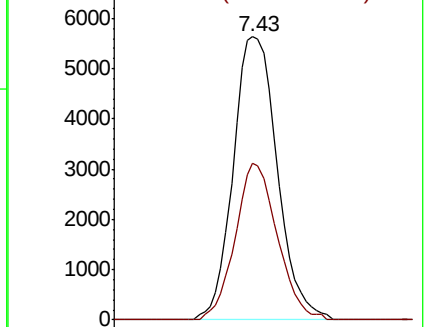
91 100

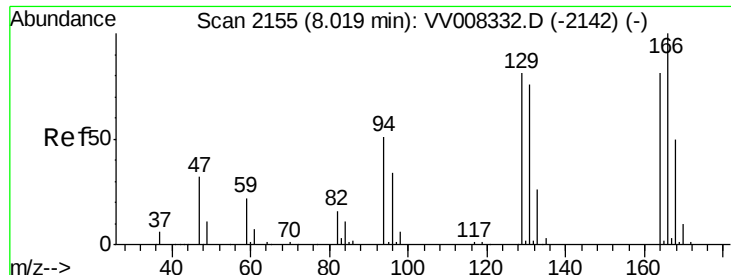
92 55.4 40.1 74.5



Abundance Ion 91.15 (90.85 to 91.85): VV008332.D (-1958) (-)

Ion 92.15 (91.85 to 92.85): VV008332.D (-1958) (-)





#47

Tetrachloroethene

Concen: 0.883 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV008344.D

Acq: 18 Oct 2018 15:32

Instrument :

MSVOA_V

ClientSampleId :

C0920

Tot Ion:164 Resp: 4808

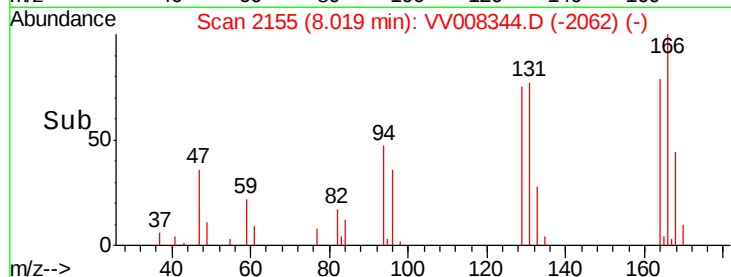
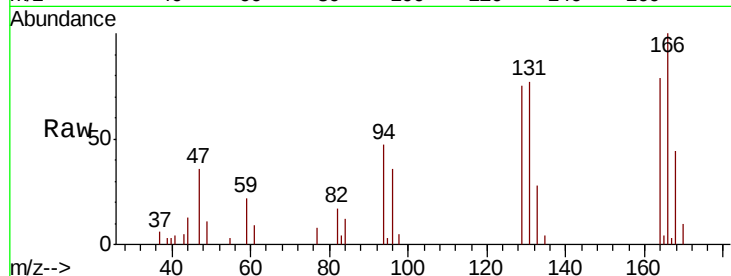
Ion Ratio Lower Upper

164 100

129 94.1 76.5 142.1

131 97.1 74.7 138.7

166 126.2 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

