

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101018\
 Data File : VV008252.D
 Acq On : 11 Oct 2018 00:39
 Operator : SY/MD
 Sample : J5315-16 50X
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JA7

Quant Time: Oct 11 03:49:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 11 01:57:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	88168	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	87979	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	36747	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18257	3.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.40%
7) Chloroethane-d5	1.58	69	17020	3.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.60%
11) 1,1-Dichloroethene-d2	2.13	63	29958	2.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.60%#
20) 2-Butanone-d5	3.99	46	89037	68.38	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	136.76%#
24) Chloroform-d	4.41	84	50608	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.09	65	26783	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.10	84	91497	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.40%
36) 1,2-Dichloropropane-d6	6.13	67	33141	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.36	98	78976	3.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.20%
43) trans-1,3-Dichloropropene-	7.67	79	10412	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.14	63	53004	53.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.16%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23512	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	33099	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

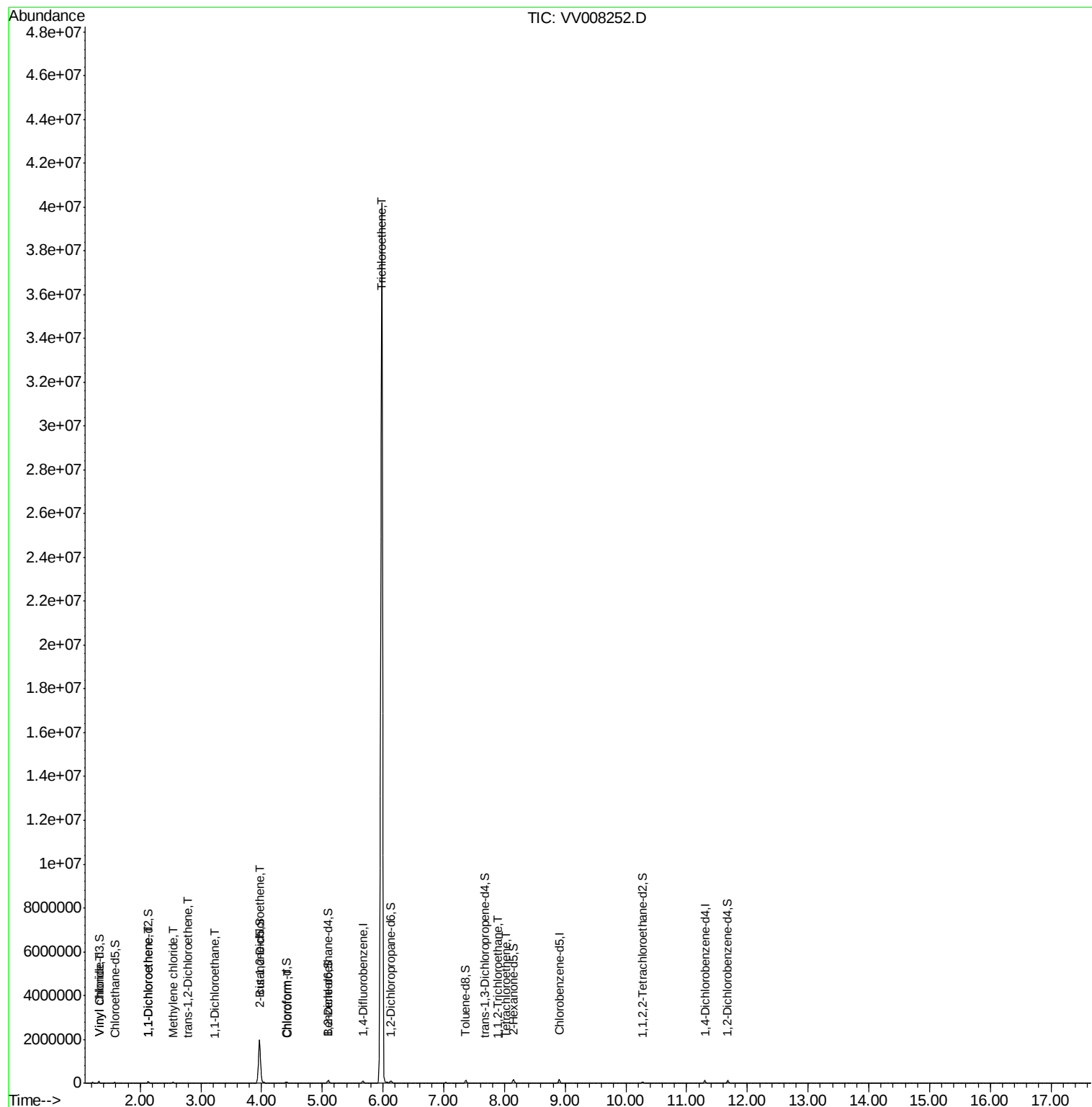
						Qvalue
5) Vinyl chloride	1.32	62	43898	7.83	ug/L	99
12) 1,1-Dichloroethene	2.14	96	4611	0.97	ug/L #	1
16) Methylene chloride	2.54	84	19256	3.32	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	3993	0.77	ug/L	97
19) 1,1-Dichloroethane	3.23	63	2564	0.26	ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	1128013	191.84	ug/L	99
25) Chloroform	4.44	83	4475	0.42	ug/L	98
34) Trichloroethene	5.98	95	14804960	2285.34	ug/L	96
45) 1,1,2-Trichloroethane	7.89	97	2124	0.51	ug/L #	84
47) Tetrachloroethene	8.02	164	3939	0.68	ug/L	86

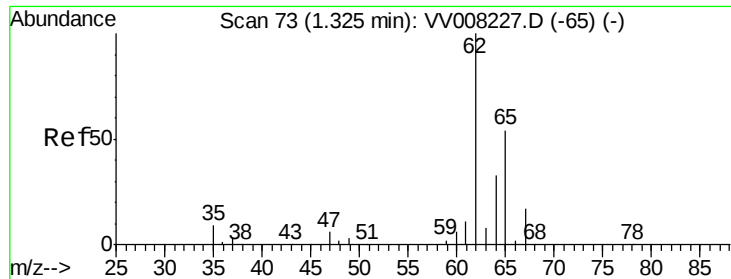
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 11 01:57:50 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 7.83 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV008252.D

Acq: 11 Oct 2018 00:39

Instrument :

MSVOA_V

ClientSampleId :

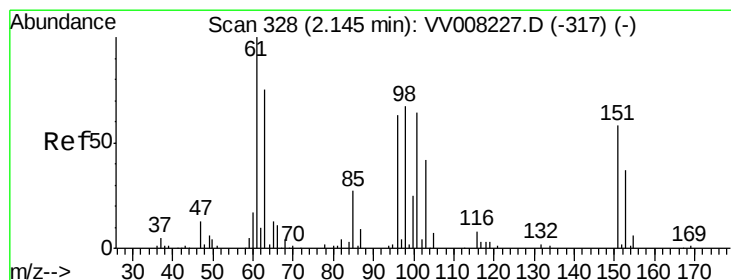
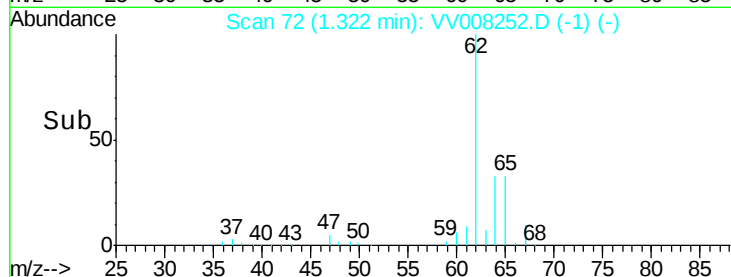
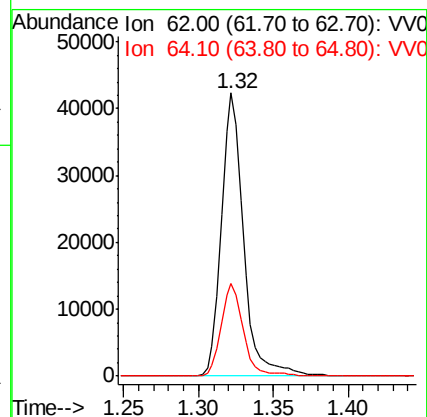
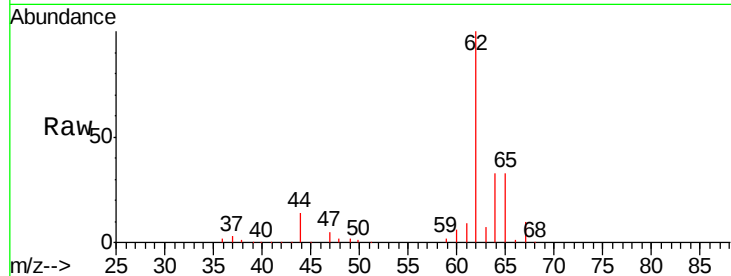
C0JA7

Tgt Ion: 62 Resp: 43898

Ion Ratio Lower Upper

62 100

64 32.9 23.4 43.4



#12

1,1-Dichloroethene

Concen: 0.97 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VV008252.D

Acq: 11 Oct 2018 00:39

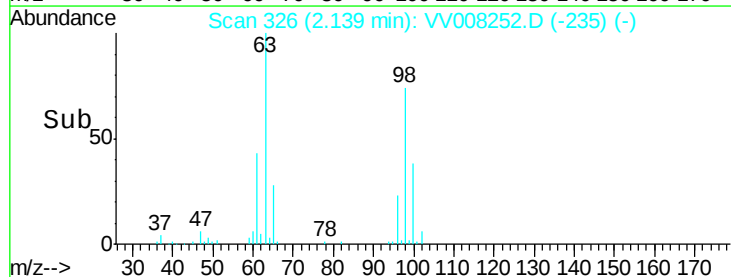
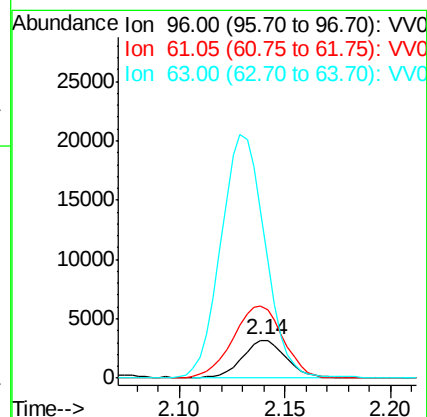
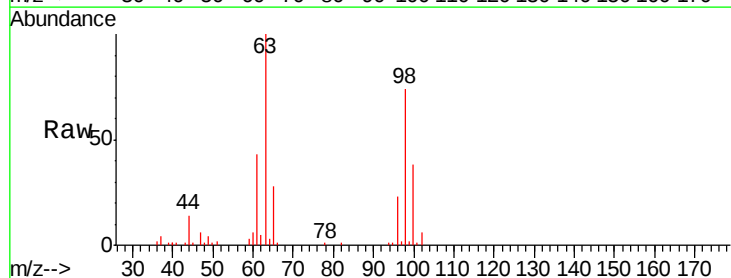
Tgt Ion: 96 Resp: 4611

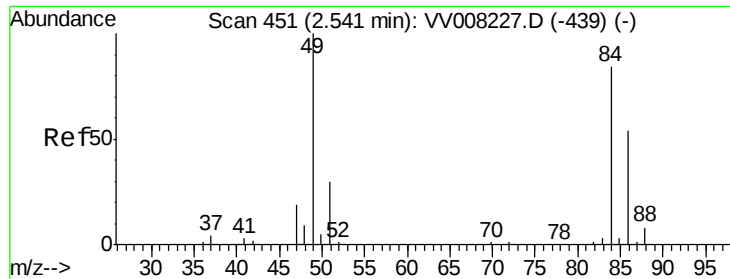
Ion Ratio Lower Upper

96 100

61 191.4 114.7 213.1

63 443.8 96.9 179.9#

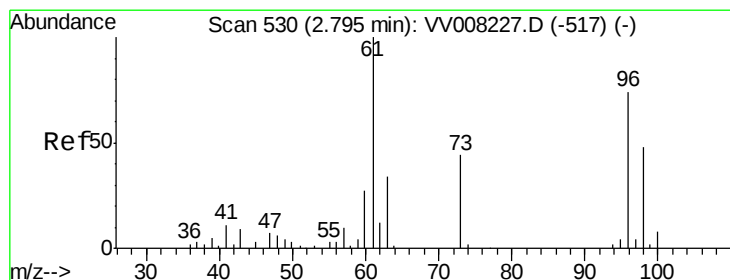
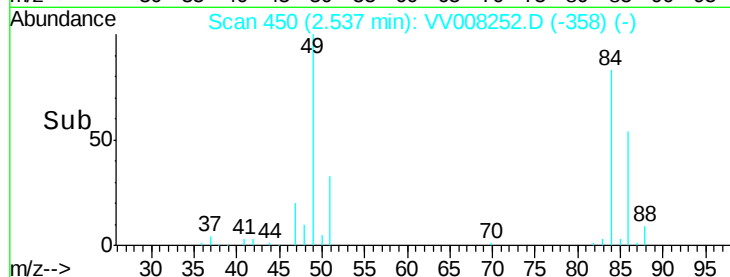
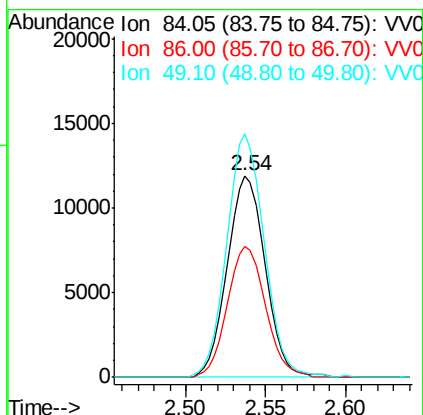
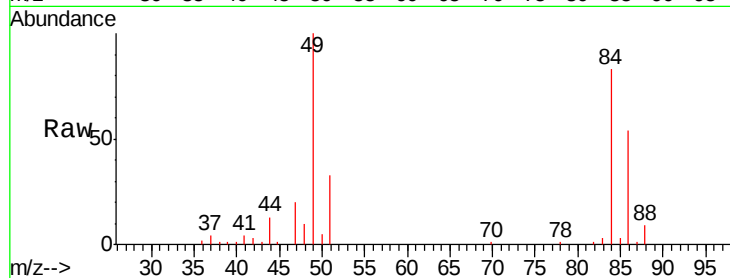




#16
Methylene chloride
Concen: 3.32 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV008252.D
Acq: 11 Oct 2018 00:39

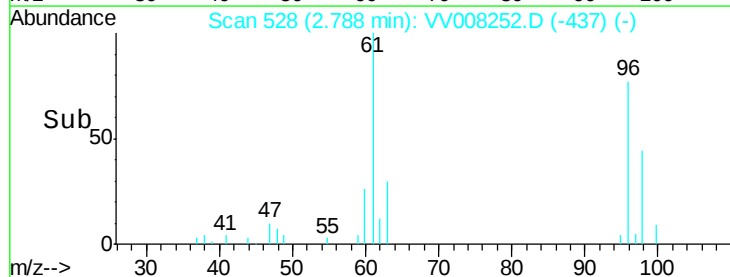
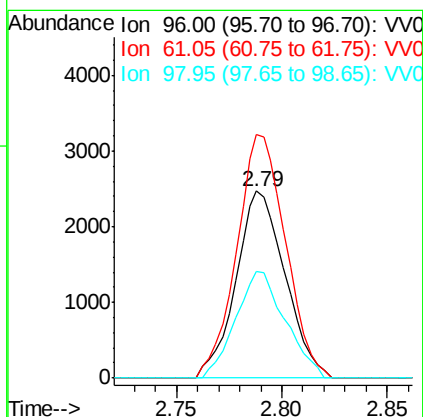
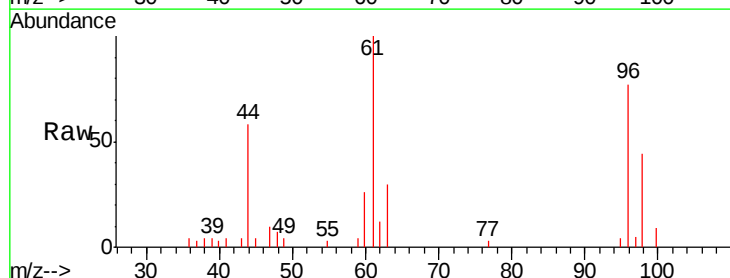
Instrument :
MSVOA_V
ClientSampleId :
C0JA7

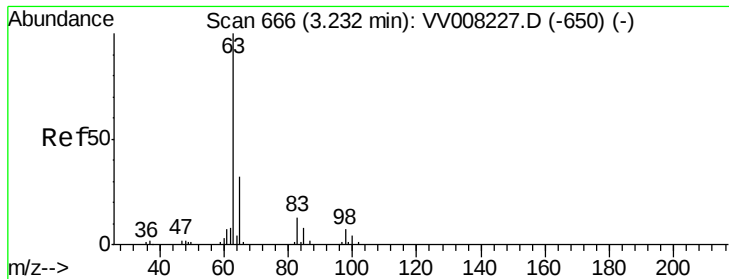
Tgt Ion: 84 Resp: 19256
Ion Ratio Lower Upper
84 100
86 64.9 45.3 84.1
49 120.6 83.0 154.1



#18
trans-1,2-Dichloroethene
Concen: 0.77 ug/L
RT: 2.79 min Scan# 528
Delta R.T. -0.01 min
Lab File: VV008252.D
Acq: 11 Oct 2018 00:39

Tgt Ion: 96 Resp: 3993
Ion Ratio Lower Upper
96 100
61 130.0 91.6 170.2
98 56.9 44.4 82.5

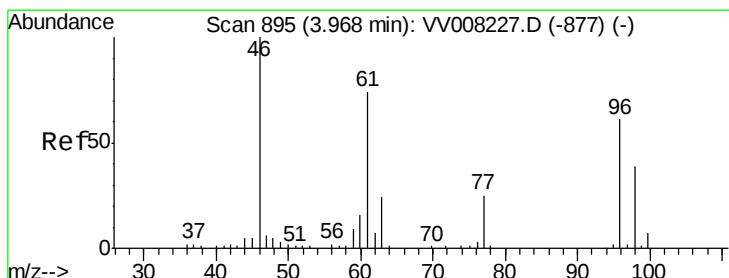
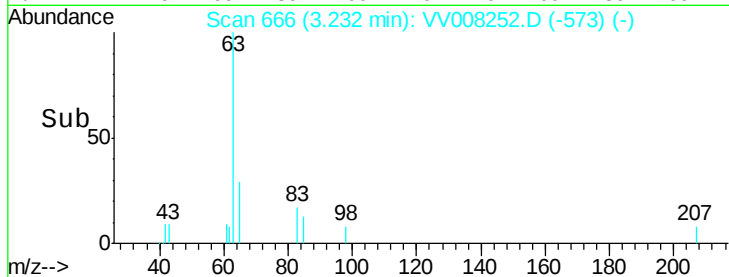
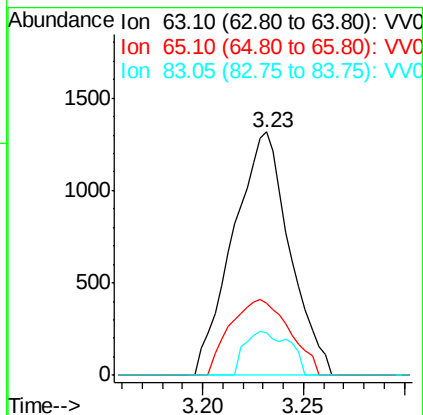
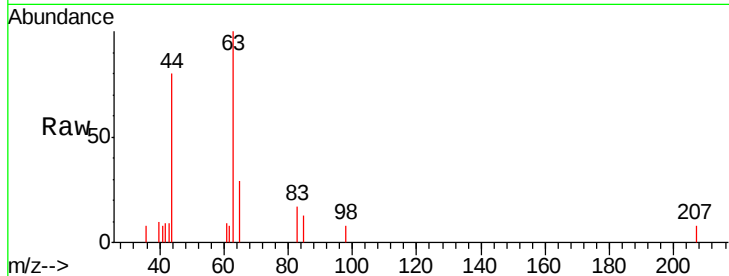




#19
 1,1-Dichloroethane
 Concen: 0.26 ug/L
 RT: 3.23 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: VV008252.D
 Acq: 11 Oct 2018 00:39

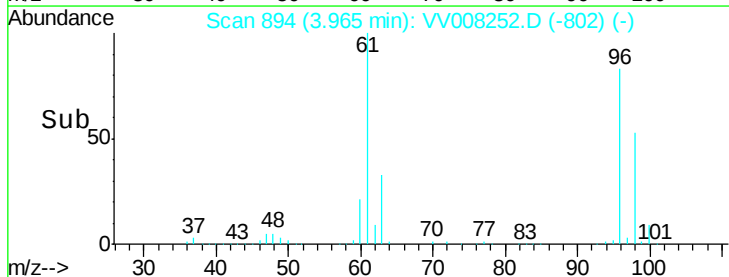
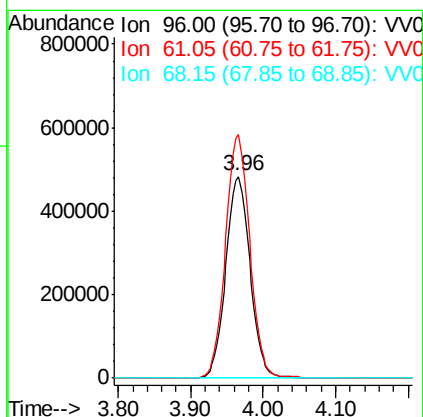
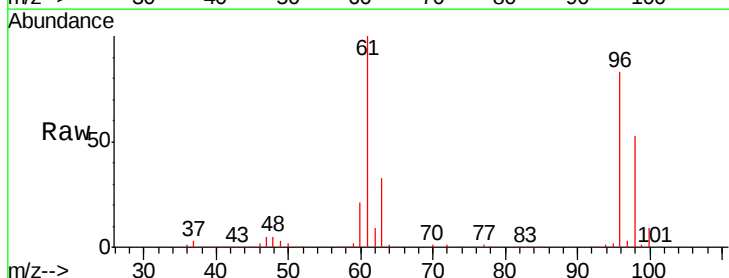
Instrument :
 MSVOA_V
 ClientSampleId :
 C0JA7

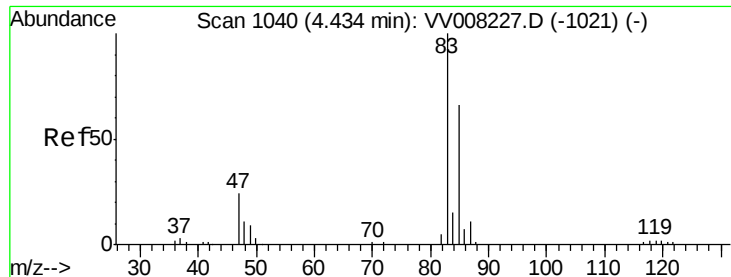
Tgt Ion: 63 Resp: 2564
 Ion Ratio Lower Upper
 63 100
 65 29.5 22.4 41.6
 83 17.3 9.6 17.8



#22
 cis-1,2-Dichloroethene
 Concen: 191.84 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. -0.00 min
 Lab File: VV008252.D
 Acq: 11 Oct 2018 00:39

Tgt Ion: 96 Resp: 1128013
 Ion Ratio Lower Upper
 96 100
 61 120.9 85.1 158.1
 68 0.0 0.0 0.0

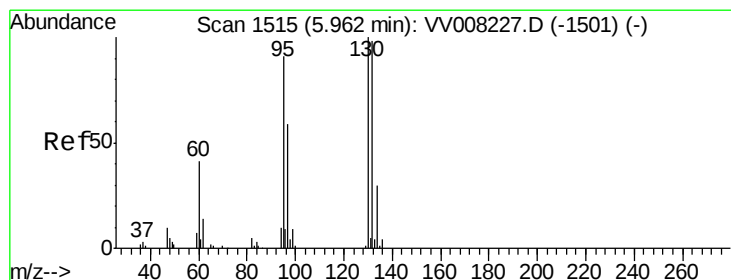
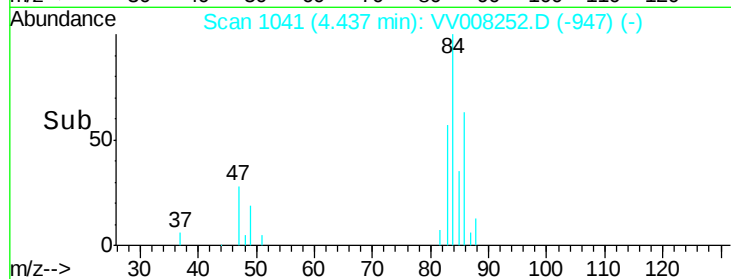
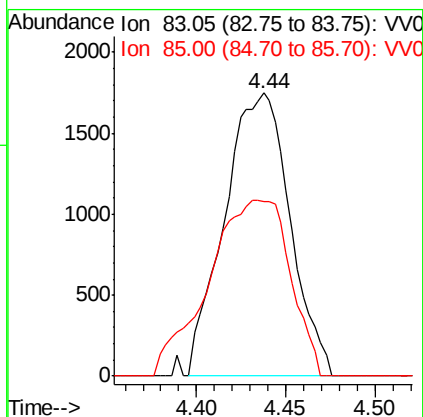
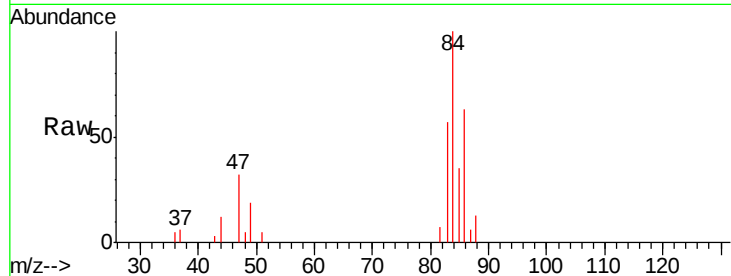




#25
Chloroform
Concen: 0.42 ug/L
RT: 4.44 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VV008252.D
Acq: 11 Oct 2018 00:39

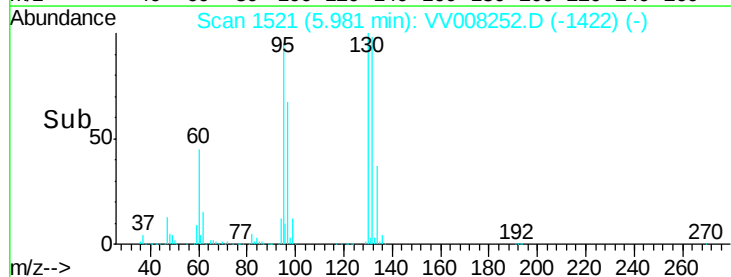
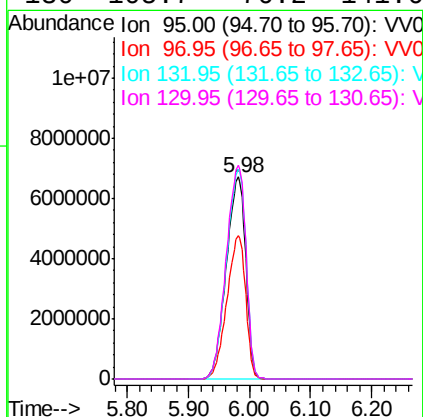
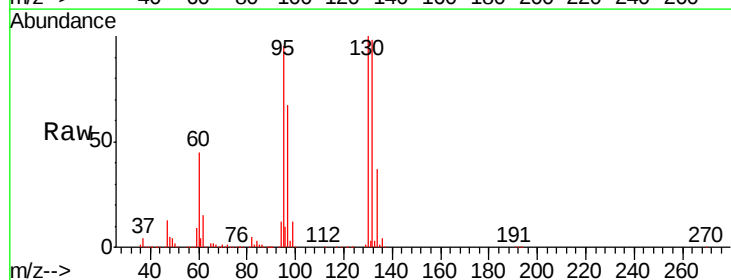
Instrument :
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ClientSampleId :
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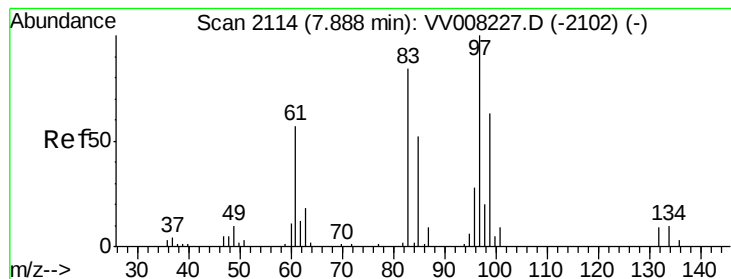
Tgt Ion: 83 Resp: 4475
Ion Ratio Lower Upper
83 100
85 61.9 44.6 82.8



#34
Trichloroethene
Concen: 2285.34 ug/L
RT: 5.98 min Scan# 1521
Delta R.T. 0.02 min
Lab File: VV008252.D
Acq: 11 Oct 2018 00:39

Tgt Ion: 95 Resp: 14804960
Ion Ratio Lower Upper
95 100
97 71.1 44.9 83.5
132 103.8 73.6 136.6
130 105.7 76.2 141.6





#45

1,1,2-Trichloroethane

Concen: 0.51 ug/L

RT: 7.89 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VV008252.D

Acq: 11 Oct 2018 00:39

Instrument :

MSVOA_V

ClientSampleId :

C0JA7

Tgt Ion: 97 Resp: 2124

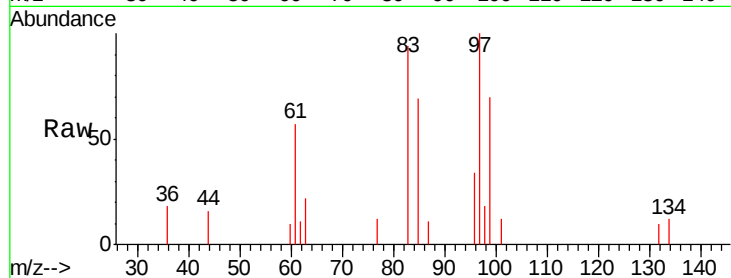
Ion Ratio Lower Upper

97 100

99 70.2 42.6 79.0

83 94.2 57.5 106.7

85 68.7 36.5 67.7#

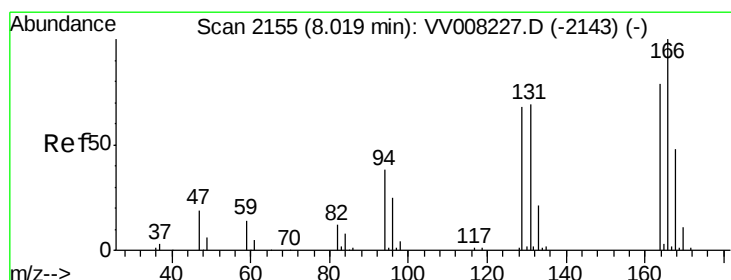
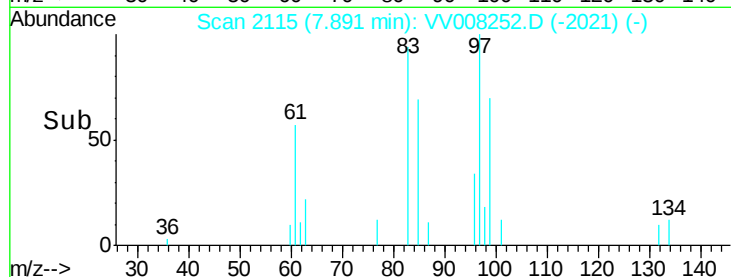
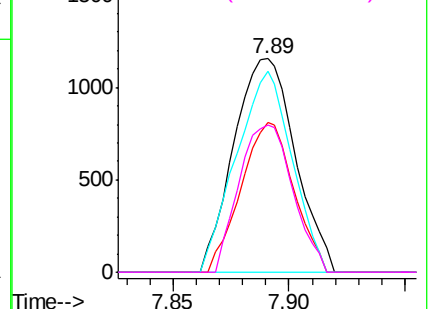


Abundance Ion 96.95 (96.65 to 97.65): VV0

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: 0.68 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV008252.D

Acq: 11 Oct 2018 00:39

Tgt Ion: 164 Resp: 3939

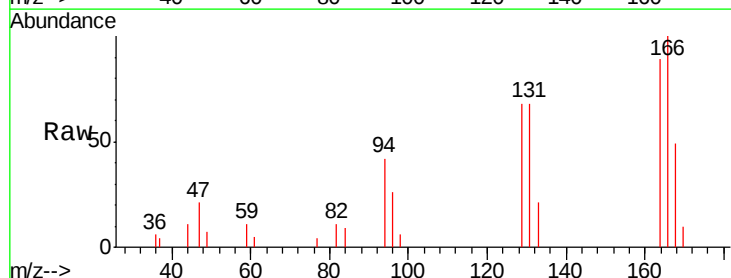
Ion Ratio Lower Upper

164 100

129 76.9 62.2 115.4

131 76.3 60.5 112.5

166 112.4 92.1 171.1



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

