

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100418\
 Data File : VV008065.D
 Acq On : 04 Oct 2018 16:23
 Operator : SY/MD
 Sample : J5246-07
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J75

Quant Time: Oct 05 05:54:54 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	81684	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	76494	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	37978	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18463	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	1.59	69	17003	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.15	63	164113	16.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	332.00%#
20) 2-Butanone-d5	3.96	46	72158	54.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.56%
24) Chloroform-d	4.41	84	49880	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.09	65	26995	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.10	84	92444	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.12	67	31057	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.36	98	83098	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	7.67	79	10240	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.14	63	49269	50.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.14%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22922	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	36109	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

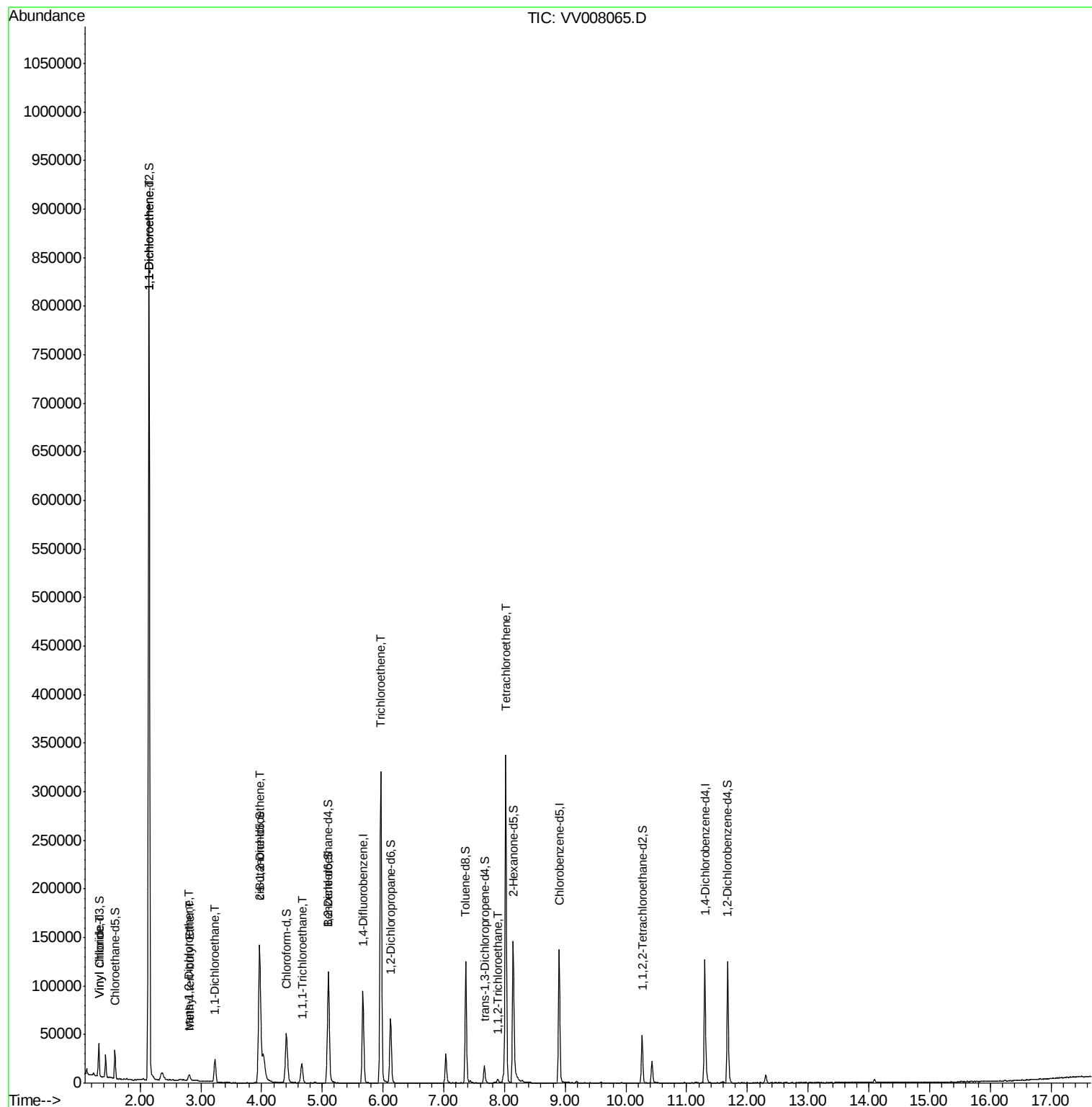
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Vinyl chloride	1.33	62	3731	0.572	ug/L	94
12) 1,1-Dichloroethene	2.15	96	263761	48.851	ug/L #	76
17) Methyl tert-butyl Ether	2.82	73	3919	0.294	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	1236	0.208	ug/L	83
19) 1,1-Dichloroethane	3.23	63	23171	2.282	ug/L	100
22) cis-1,2-Dichloroethene	3.97	96	57878	9.604	ug/L	98
29) 1,1,1-Trichloroethane	4.67	97	15733	1.710	ug/L	98
34) Trichloroethene	5.96	95	106174	16.928	ug/L	95
45) 1,1,2-Trichloroethane	7.89	97	1322	0.327	ug/L	93
47) Tetrachloroethene	8.02	164	78136	13.444	ug/L	95

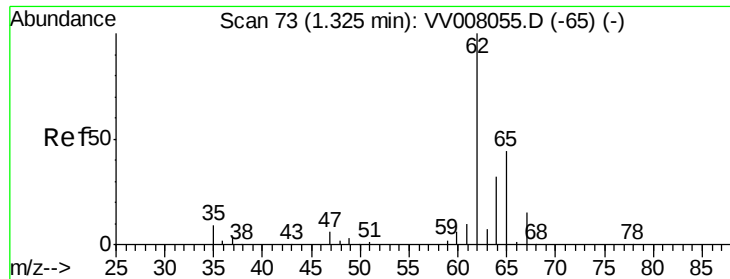
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 05 05:20:32 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.572 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV008065.D

Acq: 04 Oct 2018 16:23

Instrument :

MSVOA_V

ClientSampleId :

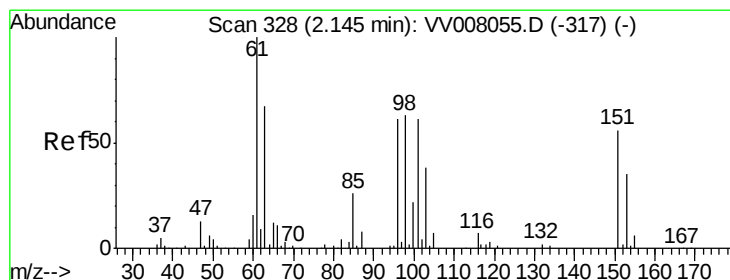
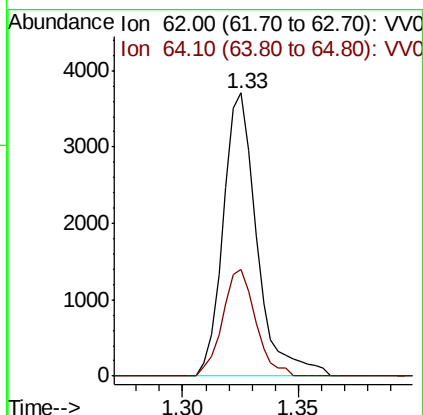
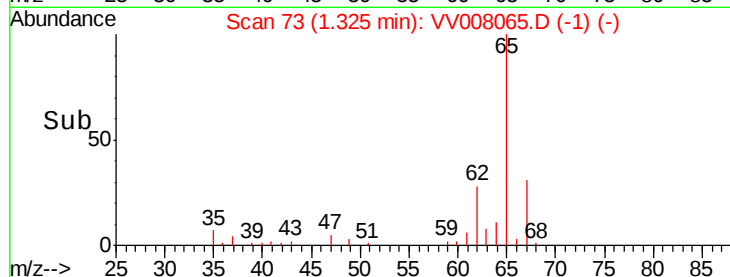
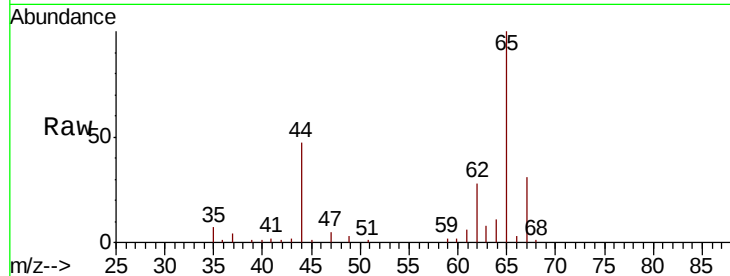
C0J75

Tgt Ion: 62 Resp: 3731

Ion Ratio Lower Upper

62 100

64 37.5 24.0 44.6



#12

1,1-Dichloroethene

Concen: 48.851 ug/L

RT: 2.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VV008065.D

Acq: 04 Oct 2018 16:23

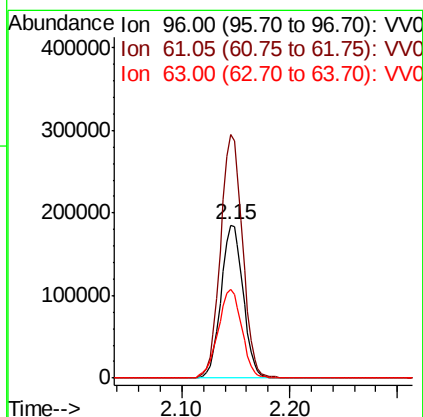
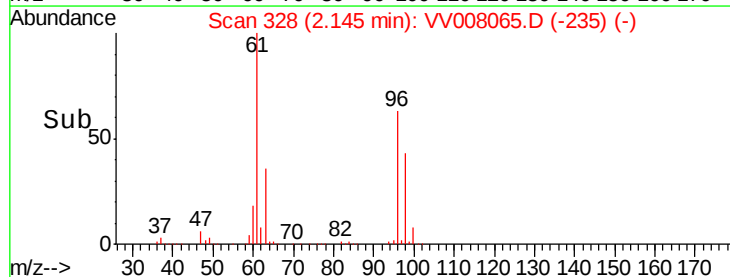
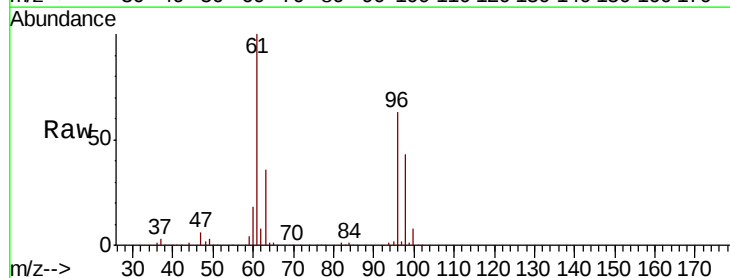
Tgt Ion: 96 Resp: 263761

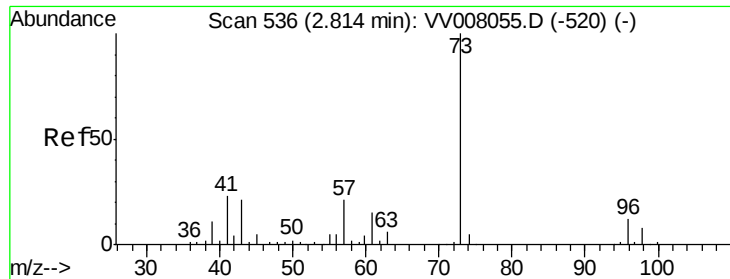
Ion Ratio Lower Upper

96 100

61 159.0 114.1 211.9

63 57.6 81.5 151.3#

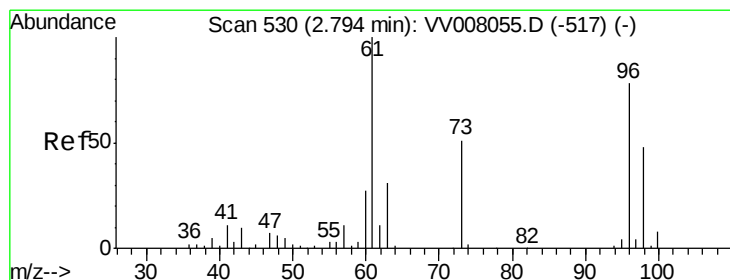
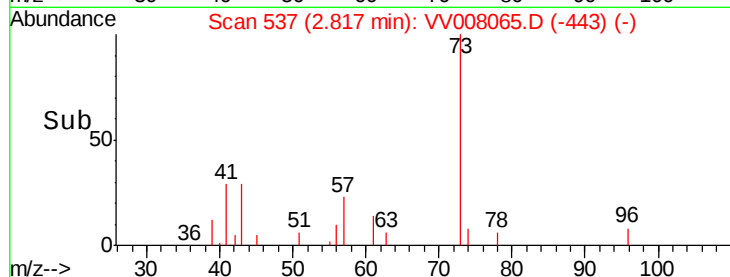
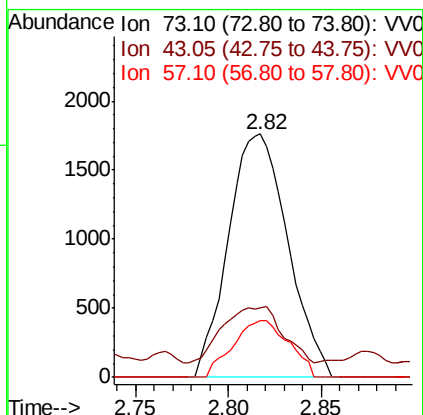
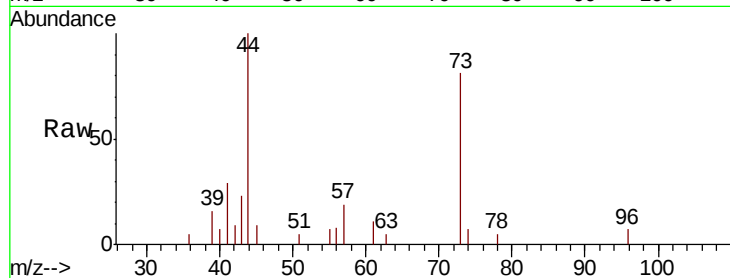




#17
Methyl tert-butyl Ether
Concen: 0.294 ug/L
RT: 2.82 min Scan# 537
Delta R.T. 0.00 min
Lab File: VV008065.D
Acq: 04 Oct 2018 16:23

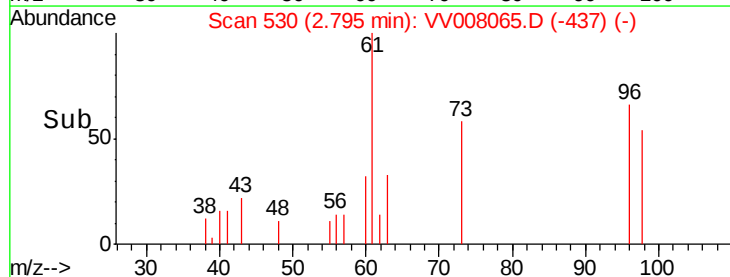
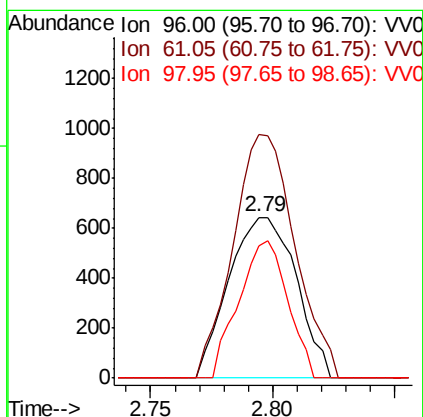
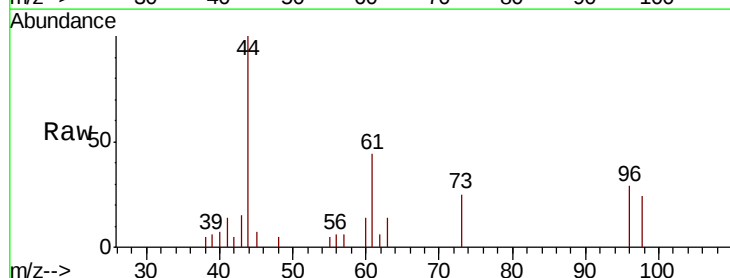
Instrument :
MSVOA_V
ClientSampled :
C0J75

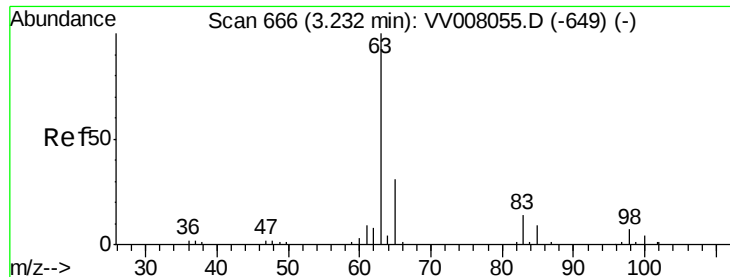
Tgt Ion: 73 Resp: 3919
Ion Ratio Lower Upper
73 100
43 22.9 16.8 25.2
57 21.8 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 0.208 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: VV008065.D
Acq: 04 Oct 2018 16:23

Tgt Ion: 96 Resp: 1236
Ion Ratio Lower Upper
96 100
61 151.6 94.2 175.0
98 82.5 44.9 83.5

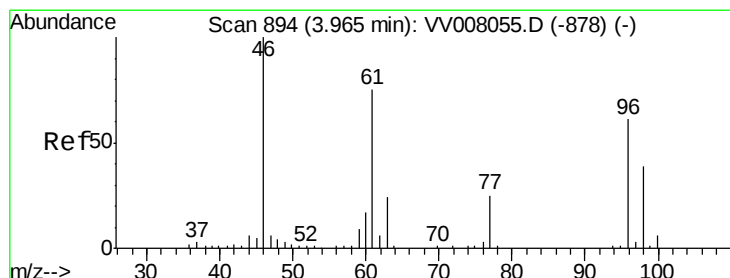
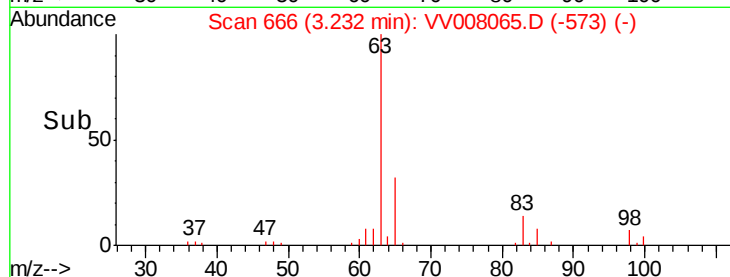
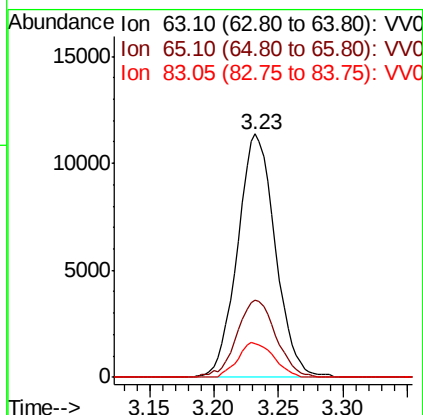
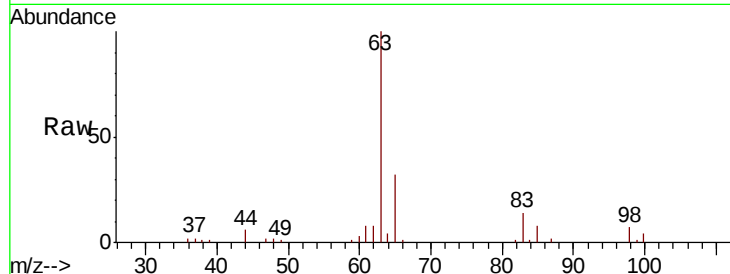




#19
 1,1-Dichloroethane
 Concen: 2.282 ug/L
 RT: 3.23 min Scan# 666
 Delta R.T. 0.00 min
 Lab File: VV008065.D
 Acq: 04 Oct 2018 16:23

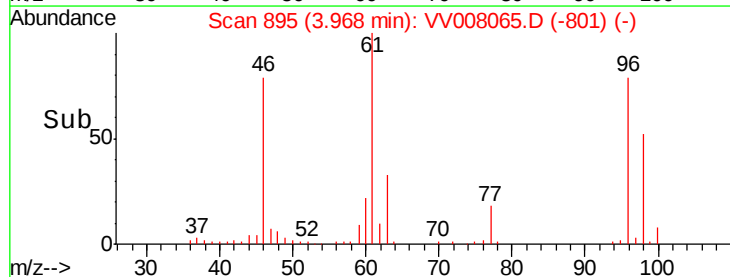
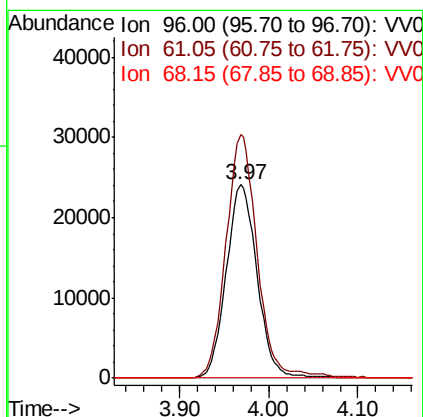
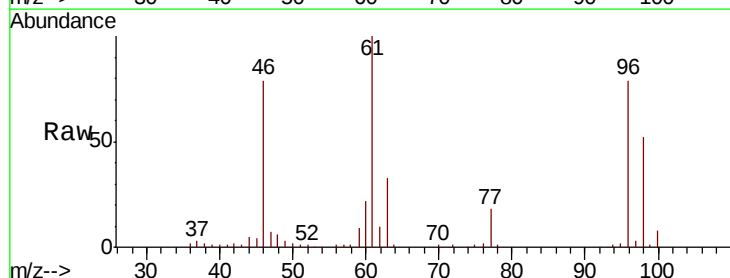
Instrument :
 MSVOA_V
 ClientSampled :
 C0J75

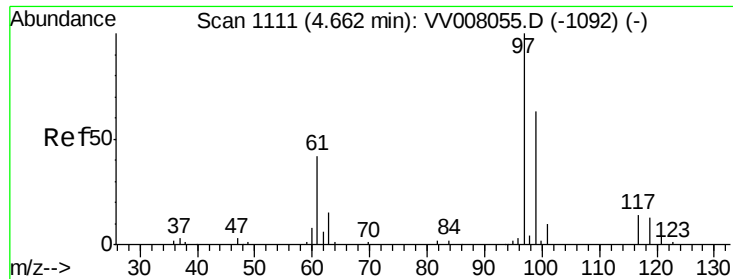
Tgt Ion: 63 Resp: 23171
 Ion Ratio Lower Upper
 63 100
 65 31.7 22.3 41.5
 83 14.1 9.8 18.2



#22
 cis-1,2-Dichloroethene
 Concen: 9.604 ug/L
 RT: 3.97 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: VV008065.D
 Acq: 04 Oct 2018 16:23

Tgt Ion: 96 Resp: 57878
 Ion Ratio Lower Upper
 96 100
 61 125.8 89.5 166.1
 68 0.0 0.0 0.0

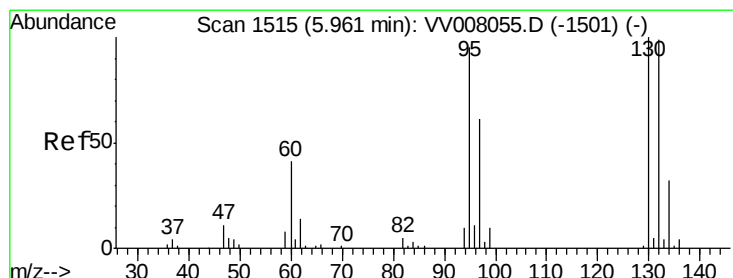
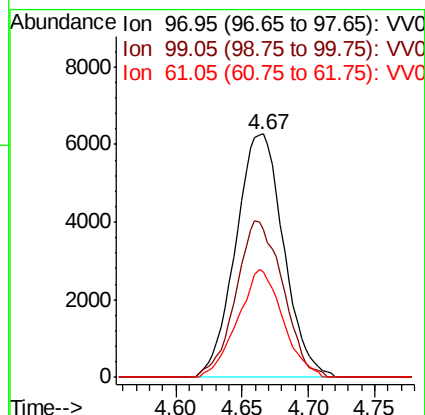
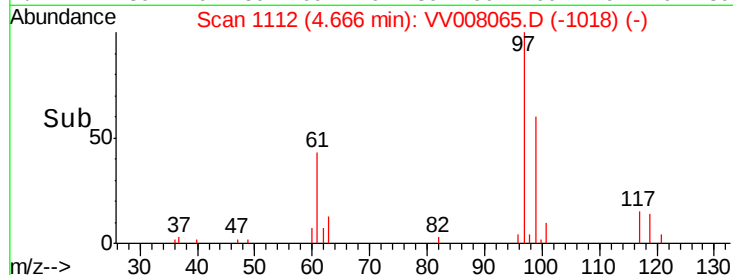
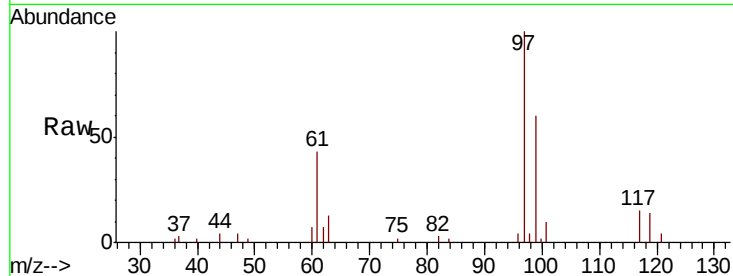




#29
 1,1,1-Trichloroethane
 Concen: 1.710 ug/L
 RT: 4.67 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: VV008065.D
 Acq: 04 Oct 2018 16:23

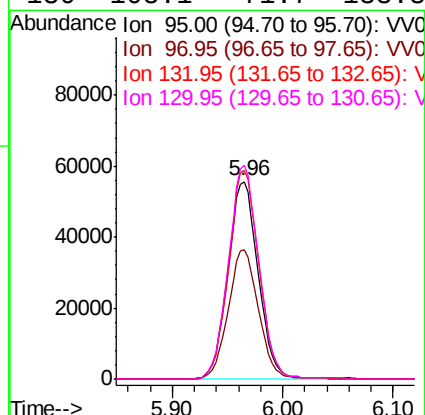
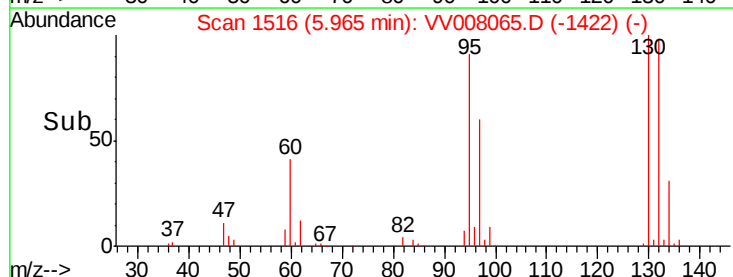
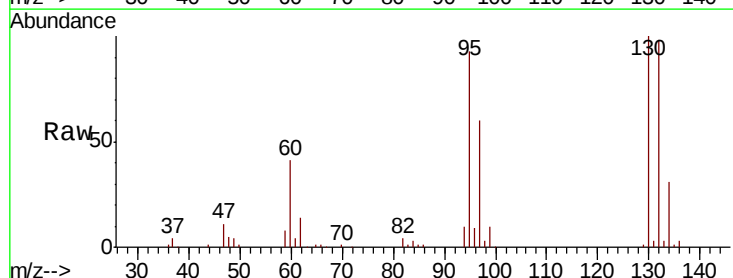
Instrument :
 MSVOA_V
 ClientSampleId :
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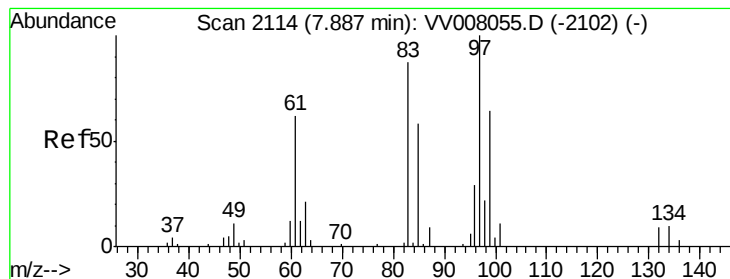
Tgt Ion: 97 Resp: 15733
 Ion Ratio Lower Upper
 97 100
 99 63.0 51.2 76.8
 61 41.7 34.6 52.0



#34
 Trichloroethene
 Concen: 16.928 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: VV008065.D
 Acq: 04 Oct 2018 16:23

Tgt Ion: 95 Resp: 106174
 Ion Ratio Lower Upper
 95 100
 97 65.3 43.6 81.0
 132 105.8 69.9 129.9
 130 108.1 71.7 133.3





#45

1,1,2-Trichloroethane

Concen: 0.327 ug/L

RT: 7.89 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VV008065.D

Acq: 04 Oct 2018 16:23

Instrument :

MSVOA_V

ClientSampleId :

C0J75

Tgt Ion: 97 Resp: 1322

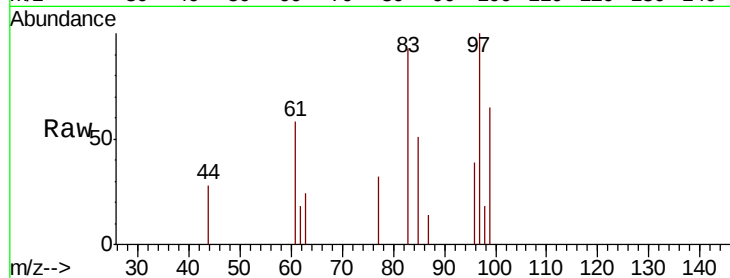
Ion Ratio Lower Upper

97 100

99 65.0 43.5 80.9

83 92.7 59.7 110.9

85 50.9 39.5 73.3

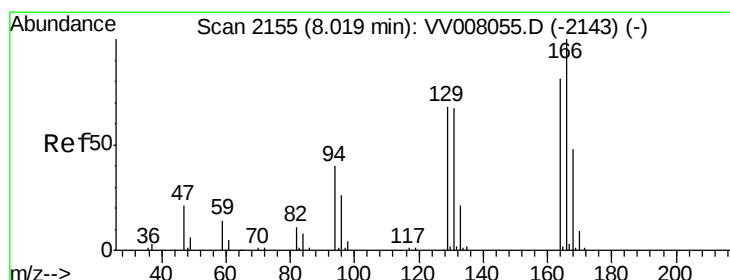
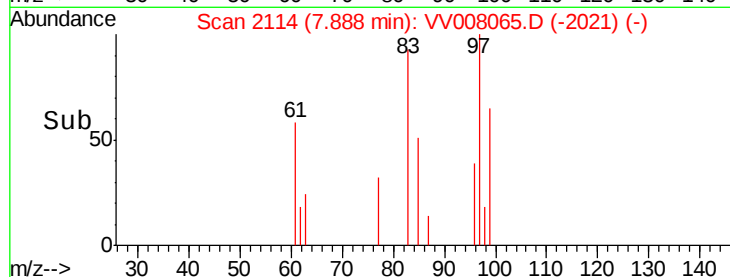
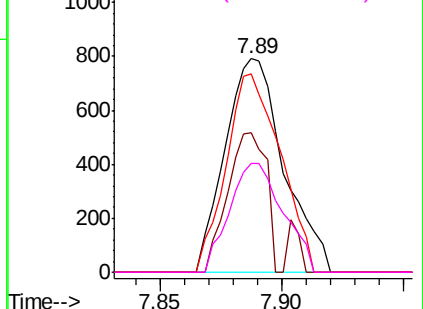


Abundance Ion 96.95 (96.65 to 97.65): VV0

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: 13.444 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV008065.D

Acq: 04 Oct 2018 16:23

Tgt Ion: 164 Resp: 78136

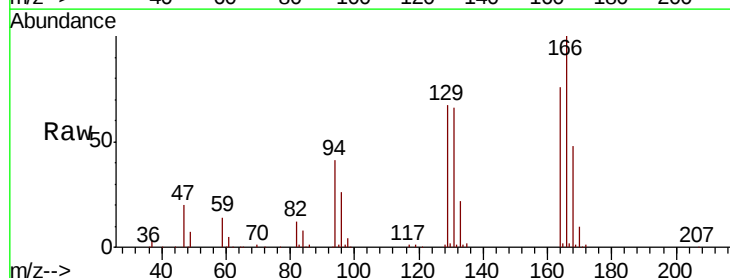
Ion Ratio Lower Upper

164 100

129 88.4 59.2 110.0

131 86.9 57.1 106.1

166 132.4 88.6 164.6



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

