

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100418\
 Data File : VV008072.D
 Acq On : 04 Oct 2018 20:07
 Operator : SY/MD
 Sample : J5247-02
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J90

Quant Time: Oct 05 06:31:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 05 05:56:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	79847	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	75292	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	37550	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	16669	3.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.80%
7) Chloroethane-d5	1.59	69	16402	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.14	63	28631	2.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.20%#
20) 2-Butanone-d5	3.96	46	71388	55.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.90%
24) Chloroform-d	4.41	84	46483	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.09	65	25393	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.10	84	86647	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.12	67	29035	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.36	98	77816	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
43) trans-1,3-Dichloropropene-	7.67	79	9362	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.14	63	45149	46.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.24%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22137	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	34994	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

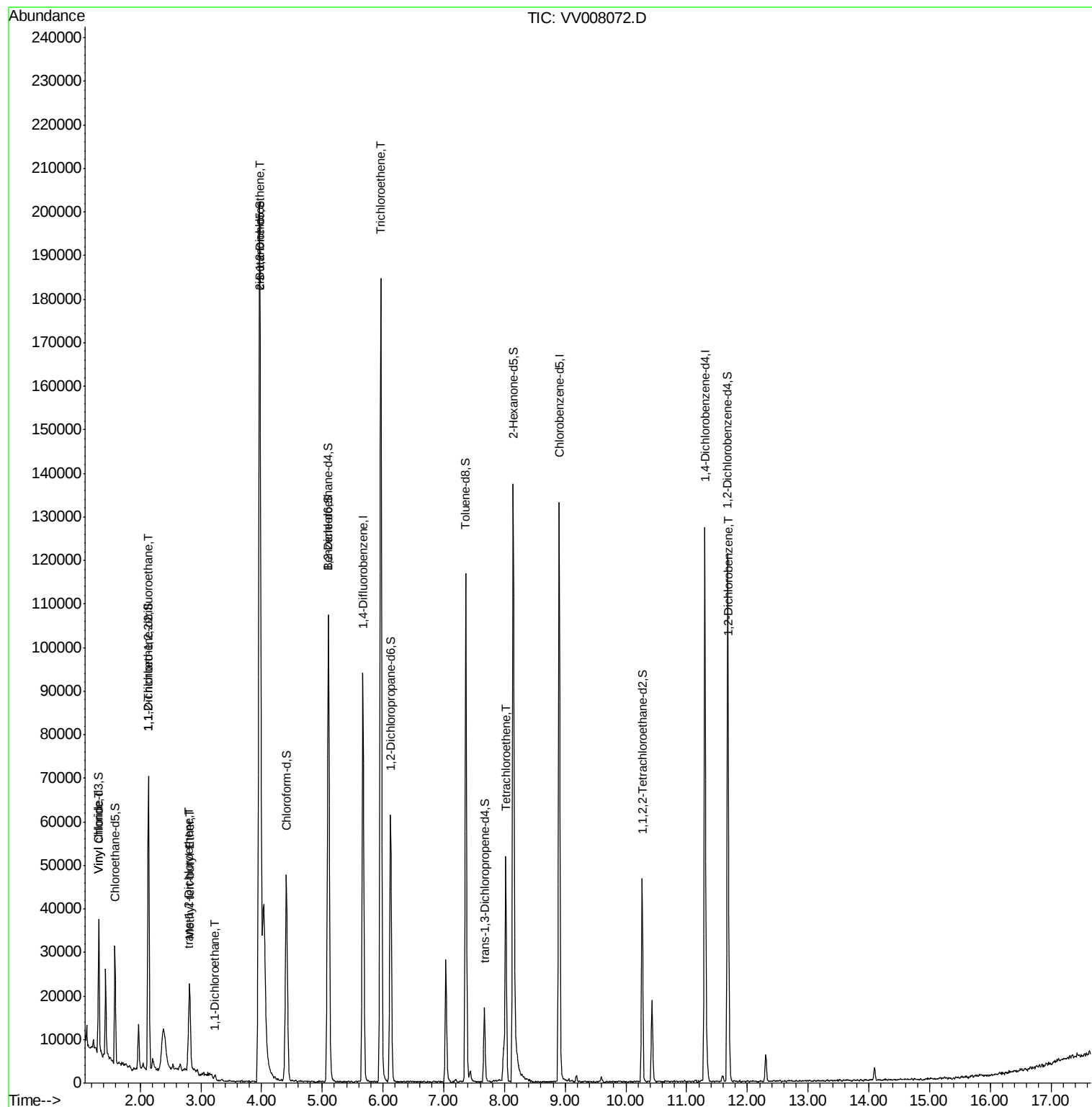
						Qvalue
5) Vinyl chloride	1.33	62	2294	0.360	ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.15	101	4479	0.758	ug/L	97
17) Methyl tert-butyl Ether	2.82	73	17541	1.345	ug/L	99
18) trans-1,2-Dichloroethene	2.80	96	2044	0.351	ug/L	95
19) 1,1-Dichloroethane	3.23	63	1628	0.164	ug/L #	85
22) cis-1,2-Dichloroethene	3.97	96	91547	15.540	ug/L	97
34) Trichloroethene	5.96	95	61899	10.027	ug/L	96
47) Tetrachloroethene	8.02	164	11674	2.041	ug/L	96
65) 1,2-Dichlorobenzene	11.69	146	3072	0.263	ug/L	95

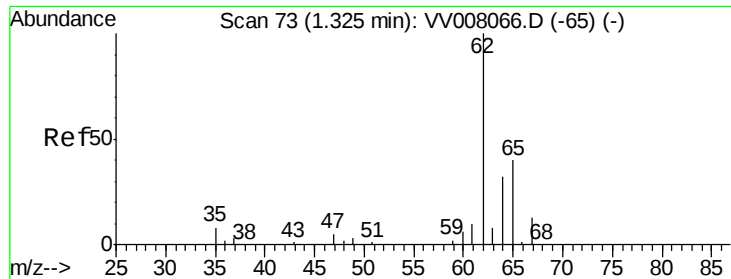
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.360 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV008072.D

Acq: 04 Oct 2018 20:07

Instrument :

MSVOA_V

ClientSampled :

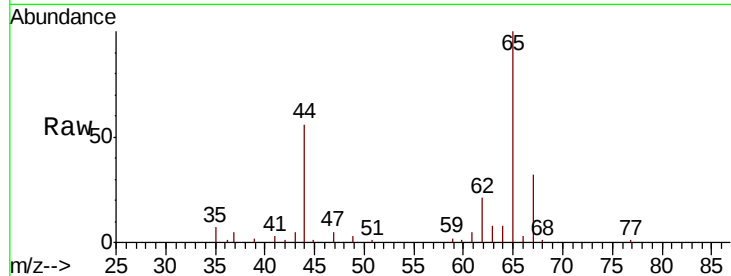
C0J90

Tgt Ion: 62 Resp: 2294

Ion Ratio Lower Upper

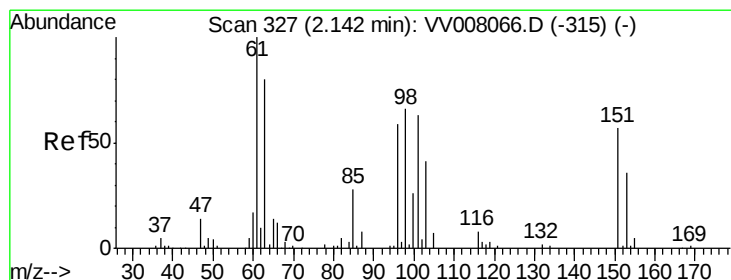
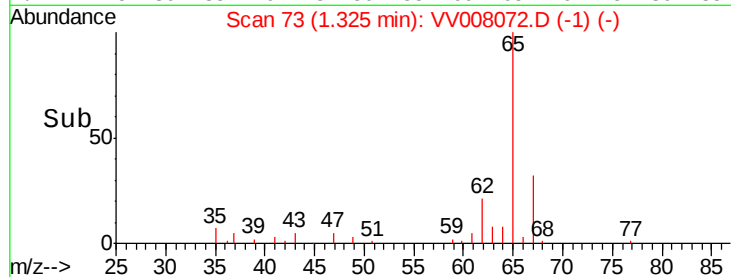
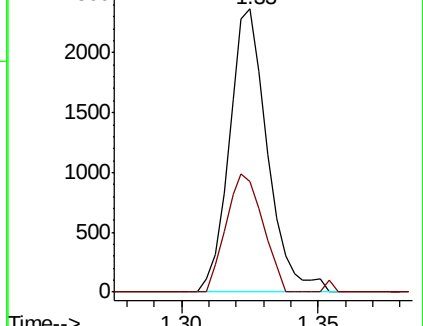
62 100

64 39.2 24.0 44.6



Abundance Ion 62.00 (61.70 to 62.70): VV008066.D (-65) (-)

Ion 64.10 (63.80 to 64.80): VV008066.D (-65) (-)



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.758 ug/L

RT: 2.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VV008072.D

Acq: 04 Oct 2018 20:07

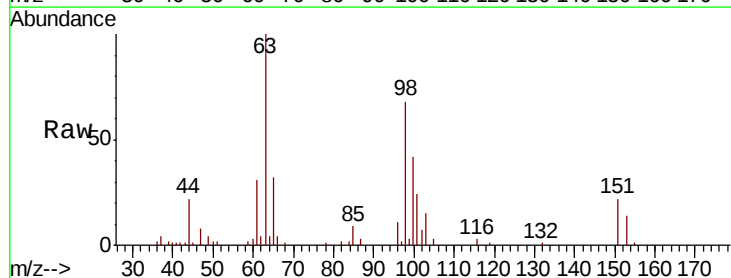
Tgt Ion: 101 Resp: 4479

Ion Ratio Lower Upper

101 100

85 40.1 34.7 52.1

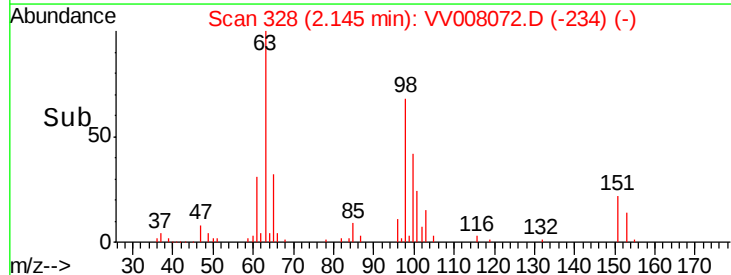
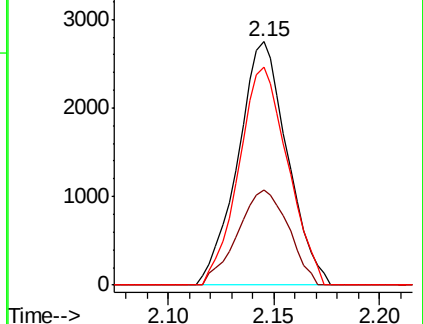
151 88.6 72.2 108.2

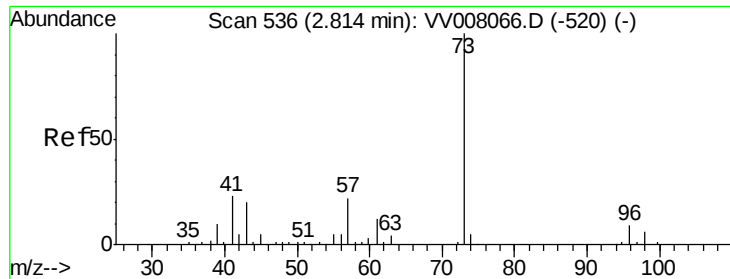


Abundance Ion 101.00 (100.70 to 101.70): VV008066.D (-315) (-)

Ion 85.00 (84.70 to 85.70): VV008066.D (-315) (-)

Ion 151.00 (150.70 to 151.70): VV008066.D (-315) (-)





#17

Methyl tert-butyl Ether

Concen: 1.345 ug/L

RT: 2.82 min Scan# 537

Delta R.T. 0.00 min

Lab File: VV008072.D

Acq: 04 Oct 2018 20:07

Instrument :

MSVOA_V

ClientSampleId :

C0J90

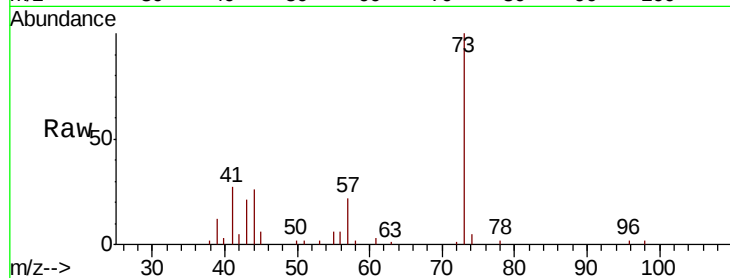
Tgt Ion: 73 Resp: 17541

Ion Ratio Lower Upper

73 100

43 20.9 16.8 25.2

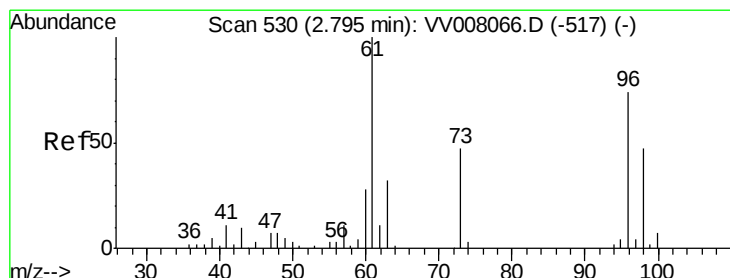
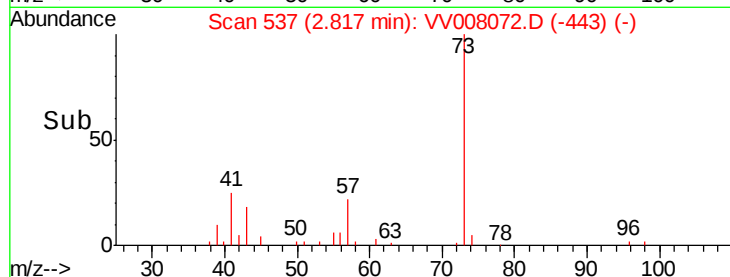
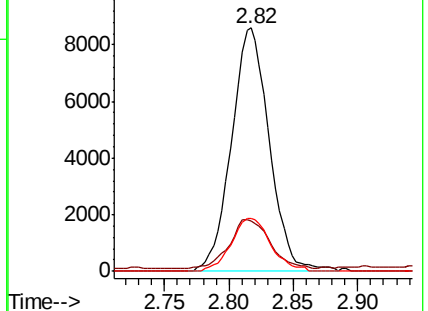
57 22.6 17.6 26.4



Abundance Ion 73.10 (72.80 to 73.80): VV008066.D (-520) (-)

Ion 43.05 (42.75 to 43.75): VV008066.D (-520) (-)

Ion 57.10 (56.80 to 57.80): VV008066.D (-520) (-)



#18

trans-1,2-Dichloroethene

Concen: 0.351 ug/L

RT: 2.80 min Scan# 531

Delta R.T. 0.00 min

Lab File: VV008072.D

Acq: 04 Oct 2018 20:07

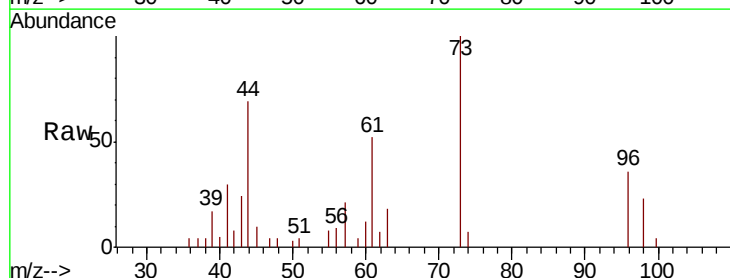
Tgt Ion: 96 Resp: 2044

Ion Ratio Lower Upper

96 100

61 143.0 94.2 175.0

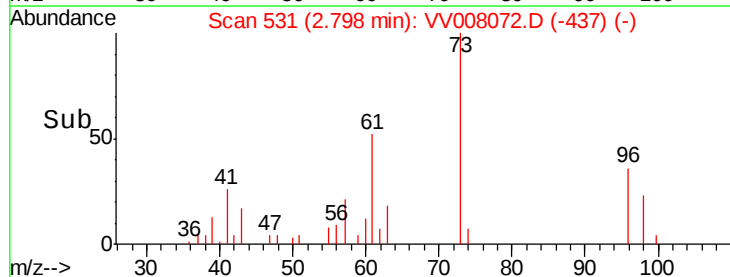
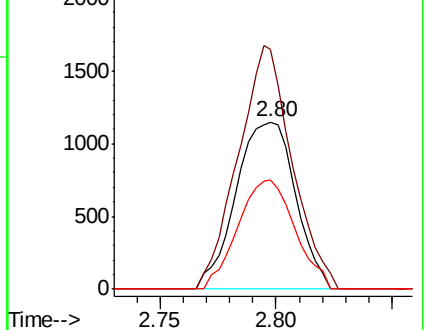
98 64.9 44.9 83.5

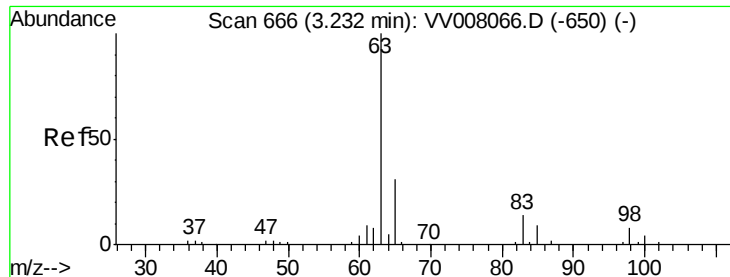


Abundance Ion 96.00 (95.70 to 96.70): VV008066.D (-517) (-)

Ion 61.05 (60.75 to 61.75): VV008066.D (-517) (-)

Ion 97.95 (97.65 to 98.65): VV008066.D (-517) (-)





#19

1,1-Dichloroethane

Concen: 0.164 ug/L

RT: 3.23 min Scan# 665

Delta R.T. -0.00 min

Lab File: VV008072.D

Acq: 04 Oct 2018 20:07

Instrument :

MSVOA_V

ClientSampleId :

C0J90

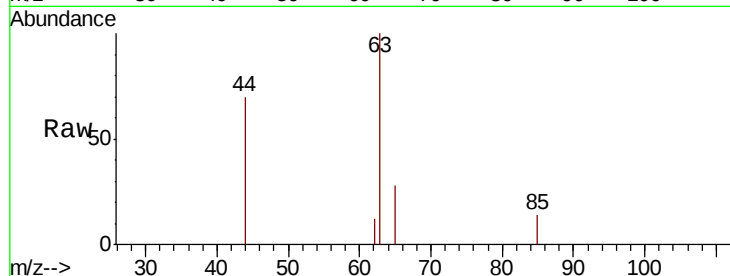
Tgt Ion: 63 Resp: 1628

Ion Ratio Lower Upper

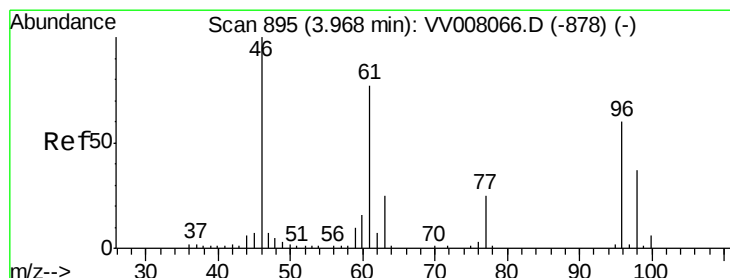
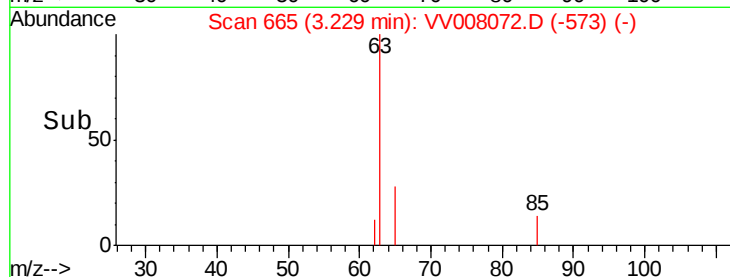
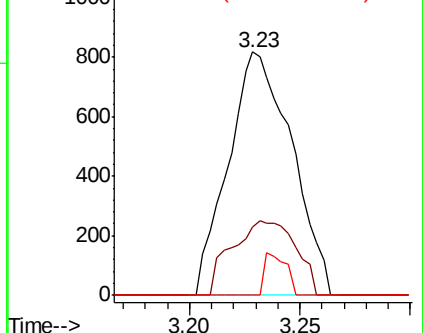
63 100

65 28.2 22.3 41.5

83 0.0 9.8 18.2#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 65.10 (64.80 to 65.80): VV0
Ion 83.05 (82.75 to 83.75): VV0



#22

cis-1,2-Dichloroethene

Concen: 15.540 ug/L

RT: 3.97 min Scan# 895

Delta R.T. 0.00 min

Lab File: VV008072.D

Acq: 04 Oct 2018 20:07

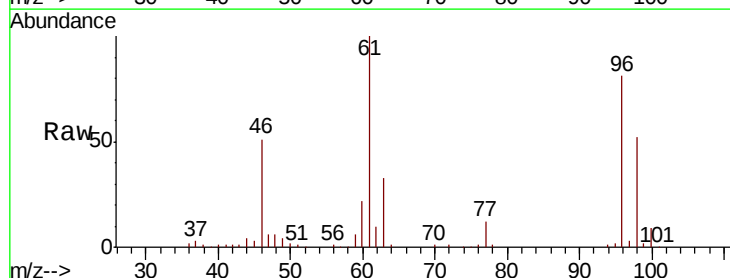
Tgt Ion: 96 Resp: 91547

Ion Ratio Lower Upper

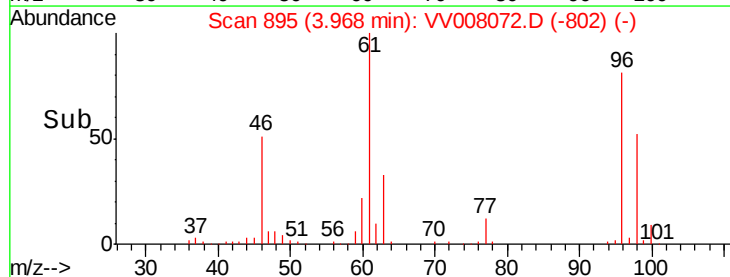
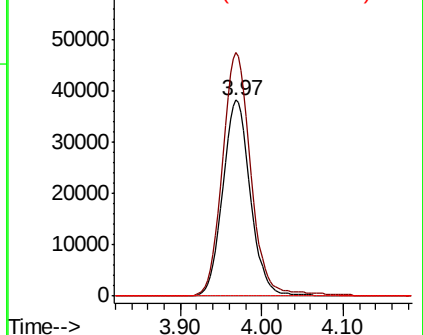
96 100

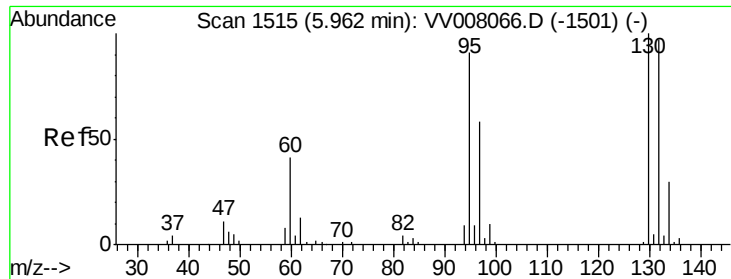
61 124.1 89.5 166.1

68 0.0 0.0 0.0



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

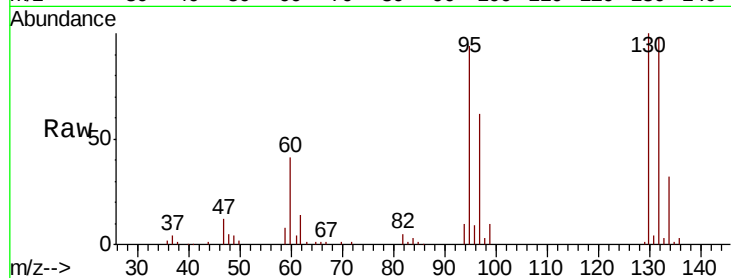




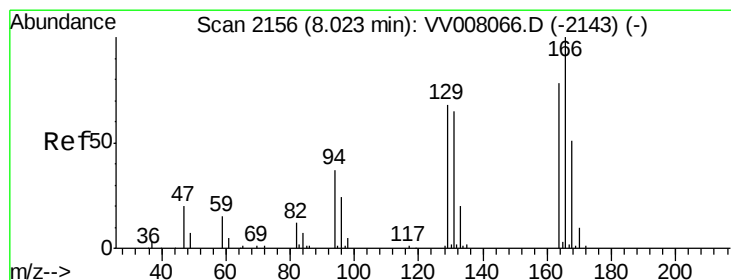
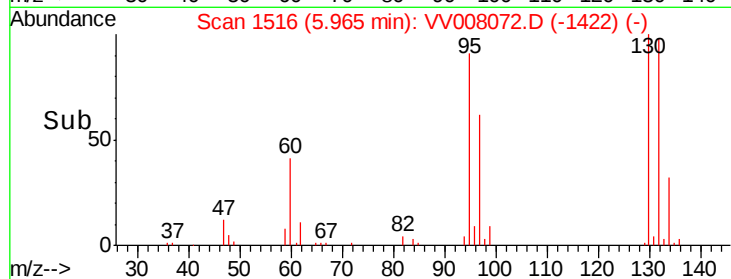
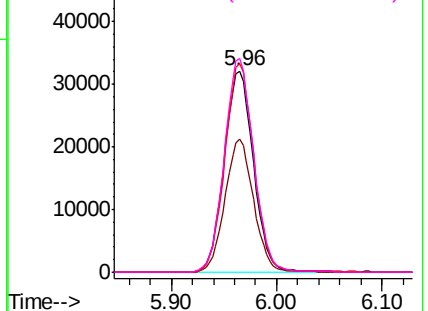
#34
 Trichloroethene
 Concen: 10.027 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: VV008072.D
 Acq: 04 Oct 2018 20:07

Instrument :
 MSVOA_V
 ClientSampled :
 C0J90

Tgt Ion: 95 Resp: 61899
 Ion Ratio Lower Upper
 95 100
 97 66.2 43.6 81.0
 132 103.7 69.9 129.9
 130 106.3 71.7 133.3

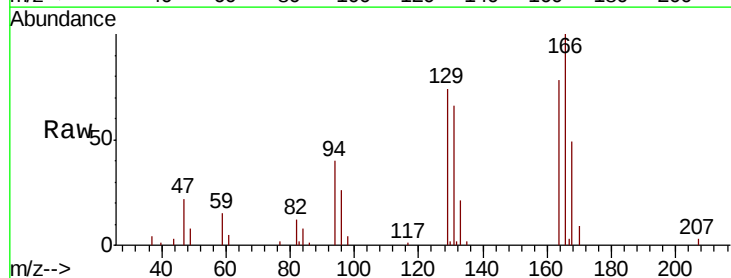


Abundance Ion 95.00 (94.70 to 95.70): VV008072.D (-1422) (-)
 Ion 96.95 (96.65 to 97.65): VV008072.D (-1422) (-)
 Ion 131.95 (131.65 to 132.65): VV008072.D (-1422) (-)
 Ion 129.95 (129.65 to 130.65): VV008072.D (-1422) (-)

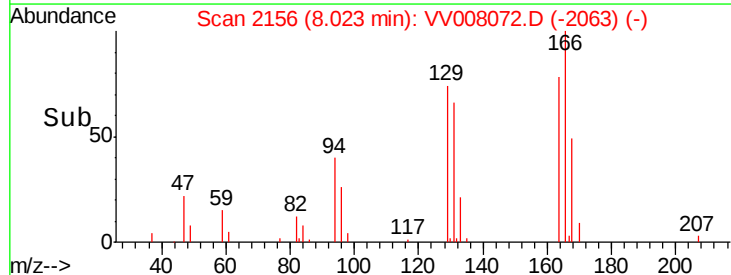
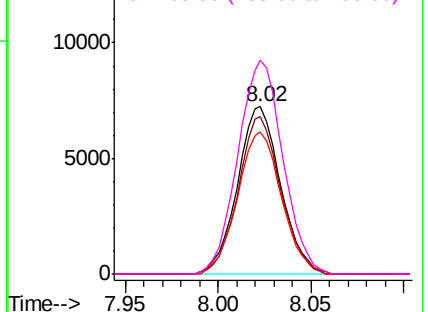


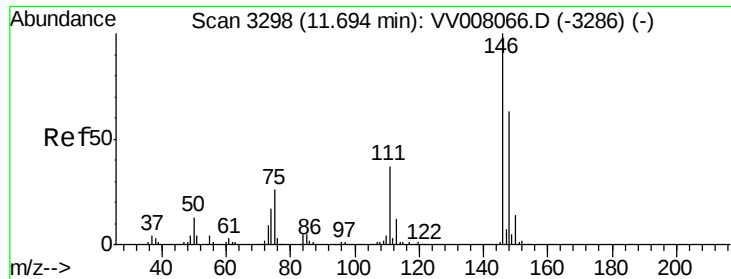
#47
 Tetrachloroethene
 Concen: 2.041 ug/L
 RT: 8.02 min Scan# 2156
 Delta R.T. 0.00 min
 Lab File: VV008072.D
 Acq: 04 Oct 2018 20:07

Tgt Ion: 164 Resp: 11674
 Ion Ratio Lower Upper
 164 100
 129 94.3 59.2 110.0
 131 84.8 57.1 106.1
 166 127.6 88.6 164.6



Abundance Ion 163.90 (163.60 to 164.60): VV008072.D (-2063) (-)
 Ion 128.95 (128.65 to 129.65): VV008072.D (-2063) (-)
 Ion 130.95 (130.65 to 131.65): VV008072.D (-2063) (-)
 Ion 165.90 (165.60 to 166.60): VV008072.D (-2063) (-)





#65
 1,2-Dichlorobenzene
 Concen: 0.263 ug/L
 RT: 11.69 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VV008072.D
 Acq: 04 Oct 2018 20:07

Instrument :
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 ClientSampleId :
 C0J90

Tgt Ion:146 Resp: 3072
 Ion Ratio Lower Upper
 146 100
 111 44.8 31.2 46.8
 148 60.6 50.3 75.5

