

Data File : VV008238.D
Acq On : 10 Oct 2018 17:29
Operator : SY/MD
Sample : J5315-04 50X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0J95

Quant Time: Oct 11 02:02:35 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	76514	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	71382	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	30415	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	16160	3.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.80%
7) Chloroethane-d5	1.58	69	14375	3.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.60%
11) 1,1-Dichloroethene-d2	2.13	63	25336	2.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.20%#
20) 2-Butanone-d5	3.97	46	63191	55.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.86%
24) Chloroform-d	4.41	84	42789	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.09	65	21667	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
32) Benzene-d6	5.10	84	78124	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
36) 1,2-Dichloropropane-d6	6.12	67	26592	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.36	98	65564	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.00%
43) trans-1,3-Dichloropropene-	7.67	79	8086	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	8.14	63	34132	42.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.04%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	18838	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	26067	4.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.40%

Target Compounds

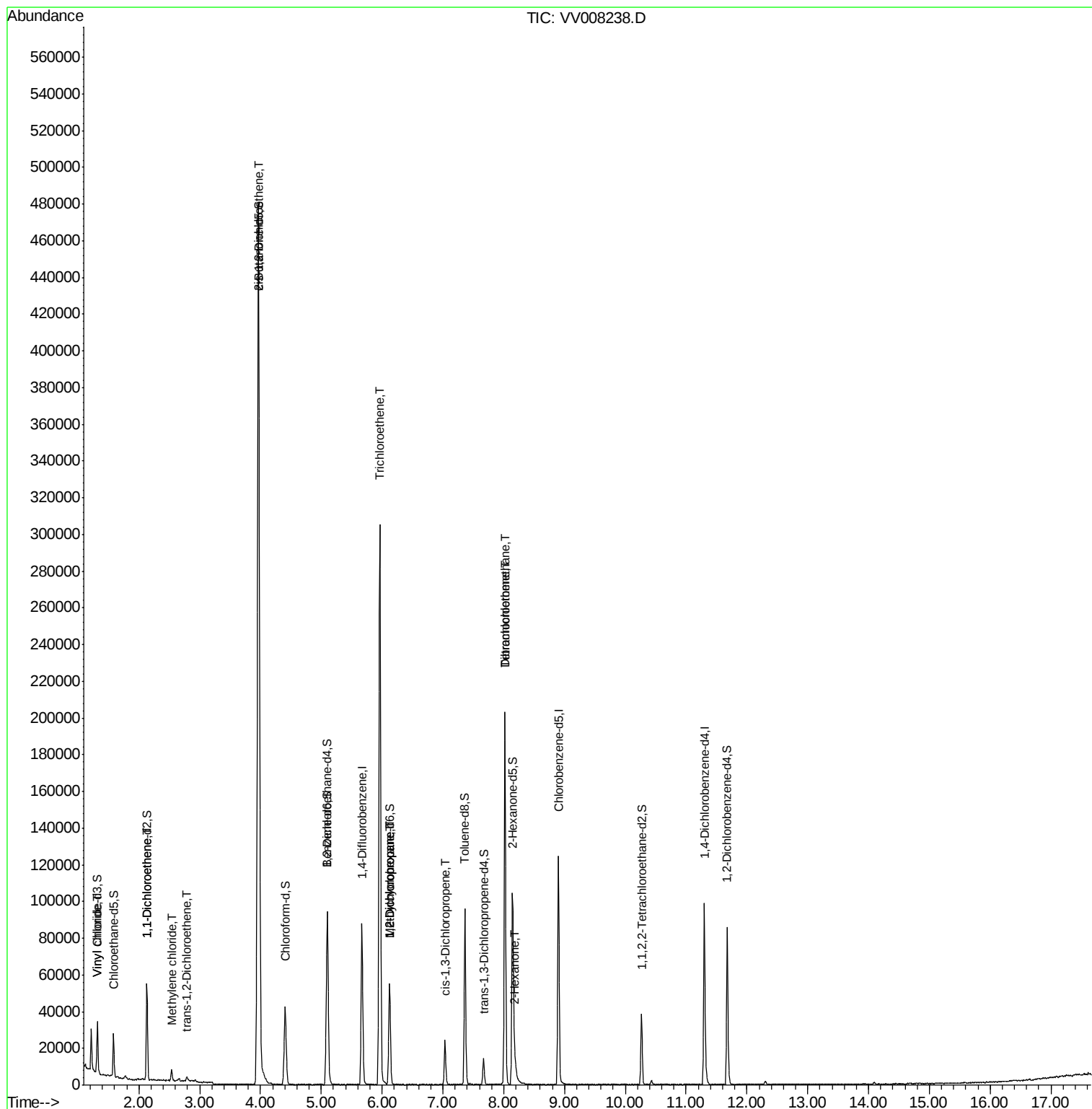
						Qvalue
5) Vinyl chloride	1.32	62	1681	0.345	ug/L #	78
12) 1,1-Dichloroethene	2.14	96	1009	0.243	ug/L #	1
16) Methylene chloride	2.54	84	2273	0.452	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	922	0.204	ug/L	88
22) cis-1,2-Dichloroethene	3.96	96	256833	50.331	ug/L	98
34) Trichloroethene	5.96	95	103082	19.612	ug/L	99
35) Methylcyclohexane	6.12	83	5977	0.814	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	2722	0.560	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	590	0.095	ug/L #	62
47) Tetrachloroethene	8.02	164	47887	10.201	ug/L	97
48) 2-Hexanone	8.19	43	6119	3.272	ug/L #	89
49) Dibromochloromethane	8.02	129	40498	9.523	ug/L #	10

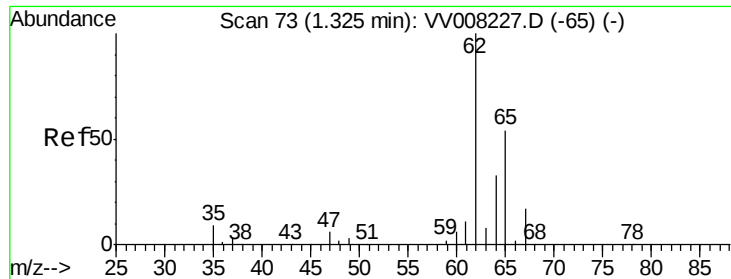
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.345 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV008238.D

Acq: 10 Oct 2018 17:29

Instrument :

MSVOA_V

ClientSampled :

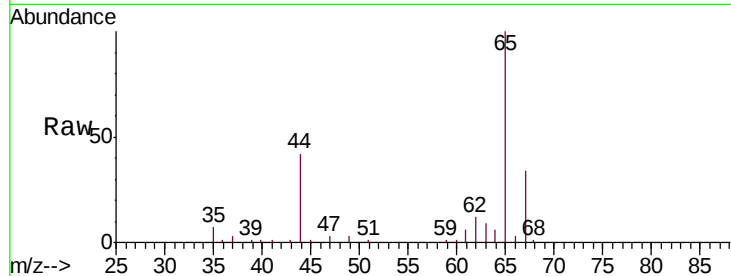
C0J95

Tgt Ion: 62 Resp: 1681

Ion Ratio Lower Upper

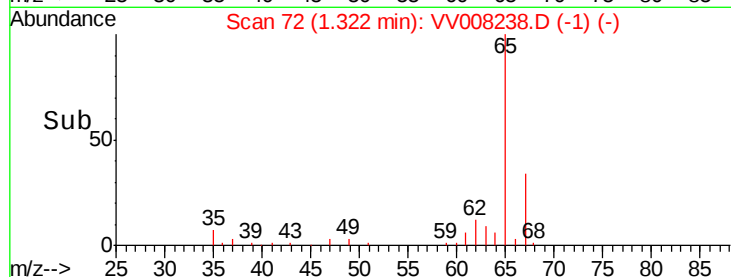
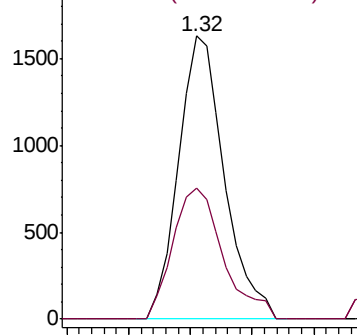
62 100

64 46.1 23.4 43.4#

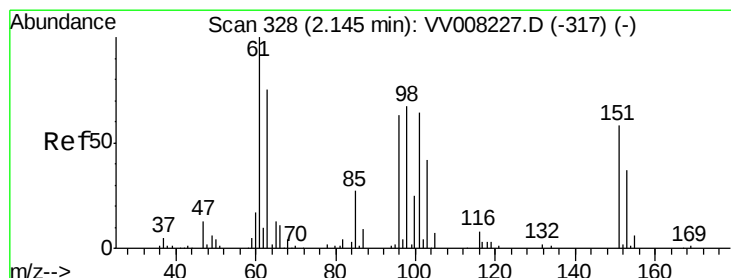


Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



Time-->



#12

1,1-Dichloroethene

Concen: 0.243 ug/L

RT: 2.14 min Scan# 327

Delta R.T. -0.00 min

Lab File: VV008238.D

Acq: 10 Oct 2018 17:29

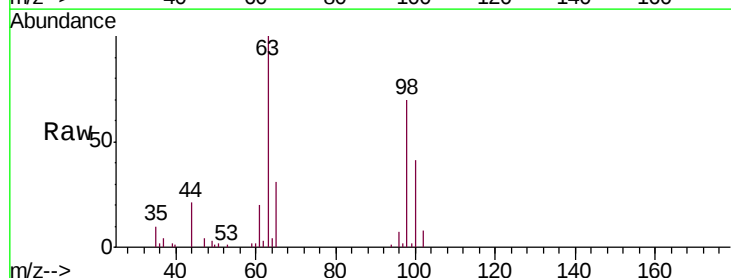
Tgt Ion: 96 Resp: 1009

Ion Ratio Lower Upper

96 100

61 281.4 114.7 213.1#

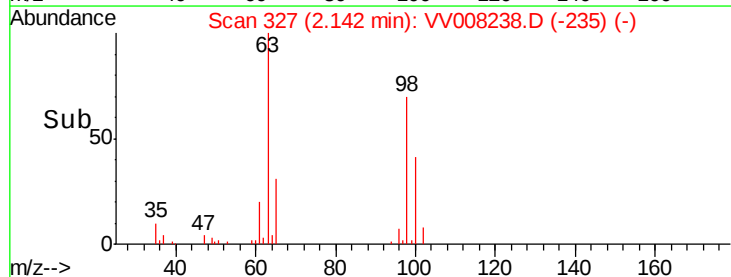
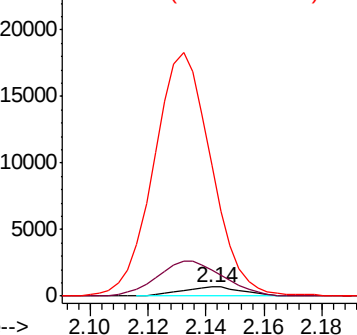
63 1442.2 96.9 179.9#



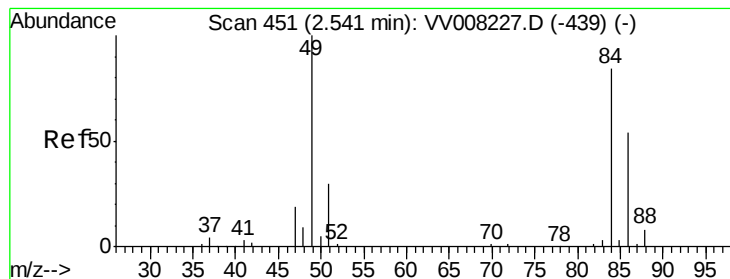
Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



Time-->



#16

Methylene chloride

Concen: 0.452 ug/L

RT: 2.54 min Scan# 450

Delta R.T. -0.00 min

Lab File: VV008238.D

Acq: 10 Oct 2018 17:29

Instrument :

MSVOA_V

ClientSampleId :

C0J95

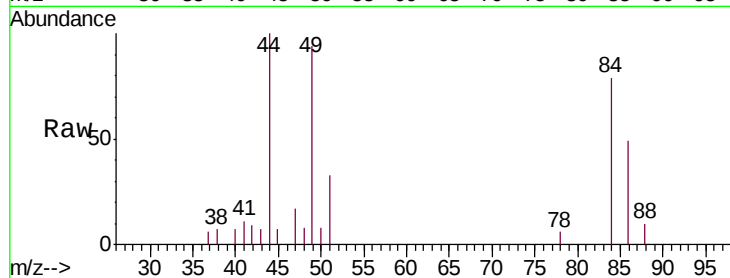
Tgt Ion: 84 Resp: 2273

Ion Ratio Lower Upper

84 100

86 61.7 45.3 84.1

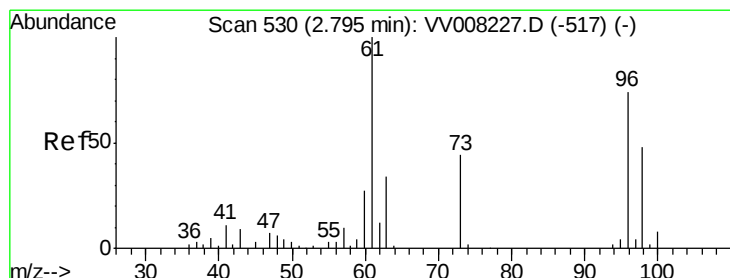
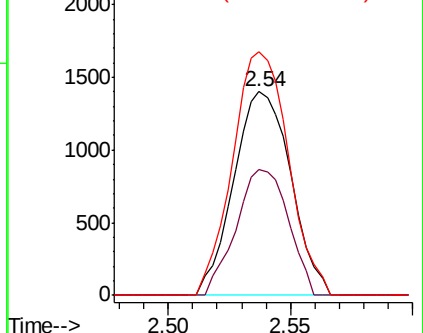
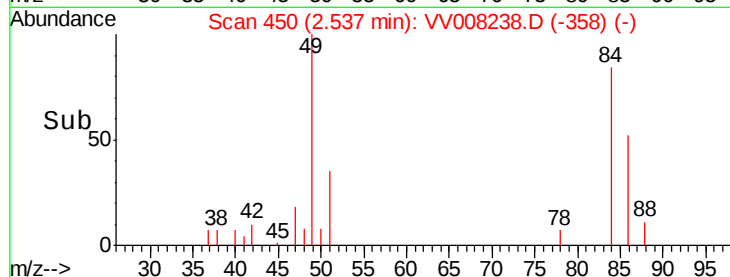
49 119.5 83.0 154.1



Abundance Ion 84.05 (83.75 to 84.75): VV008238.D (-358) (-)

Ion 86.00 (85.70 to 86.70): VV008238.D (-358) (-)

Ion 49.10 (48.80 to 49.80): VV008238.D (-358) (-)



#18

trans-1,2-Dichloroethene

Concen: 0.204 ug/L

RT: 2.79 min Scan# 529

Delta R.T. -0.00 min

Lab File: VV008238.D

Acq: 10 Oct 2018 17:29

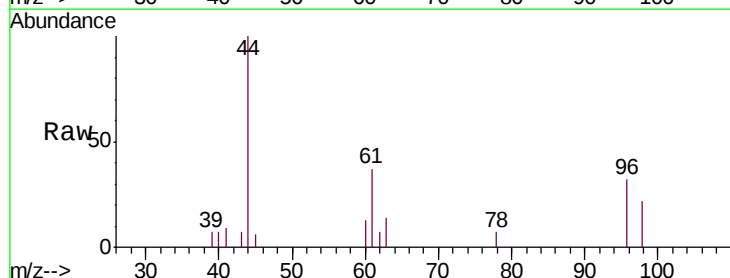
Tgt Ion: 96 Resp: 922

Ion Ratio Lower Upper

96 100

61 114.7 91.6 170.2

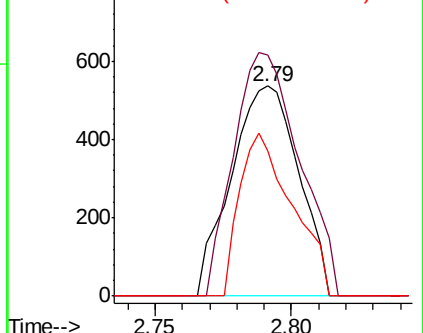
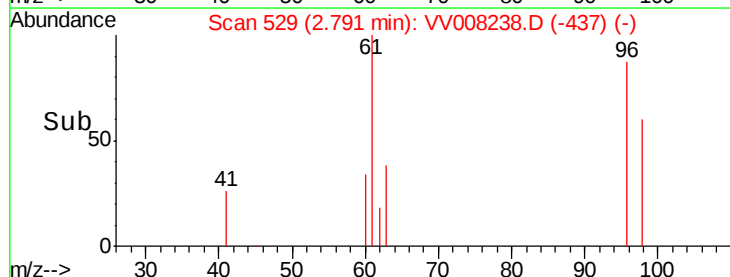
98 68.9 44.4 82.5

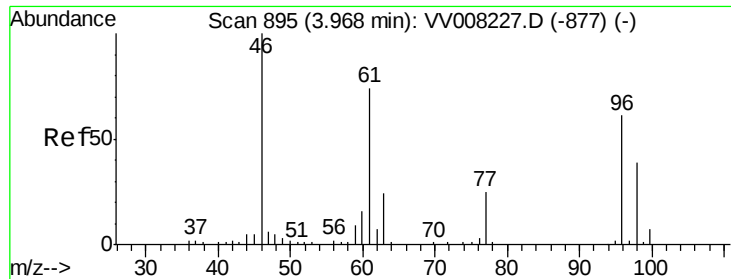


Abundance Ion 96.00 (95.70 to 96.70): VV008238.D (-437) (-)

Ion 61.05 (60.75 to 61.75): VV008238.D (-437) (-)

Ion 97.95 (97.65 to 98.65): VV008238.D (-437) (-)



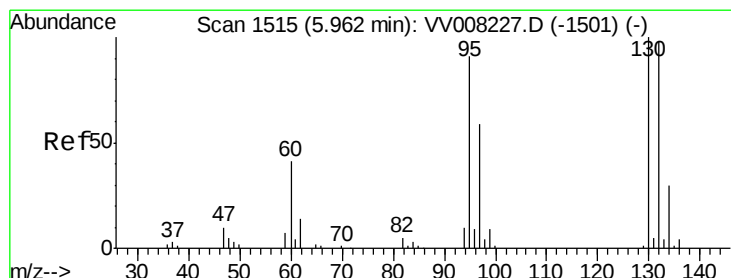
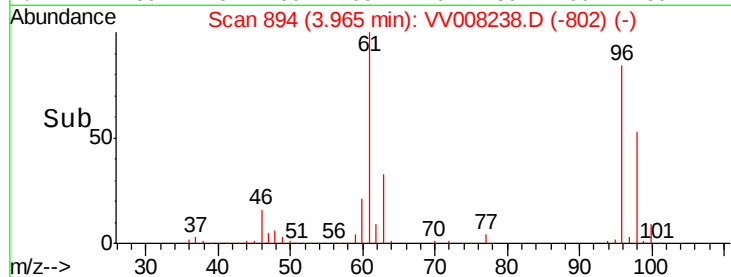
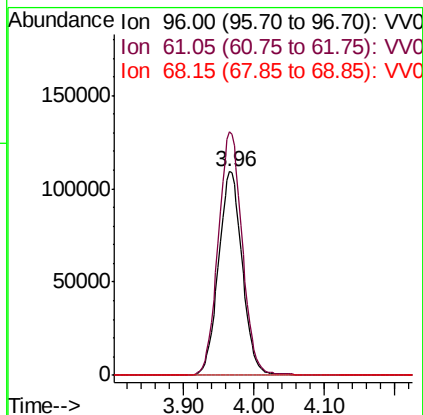
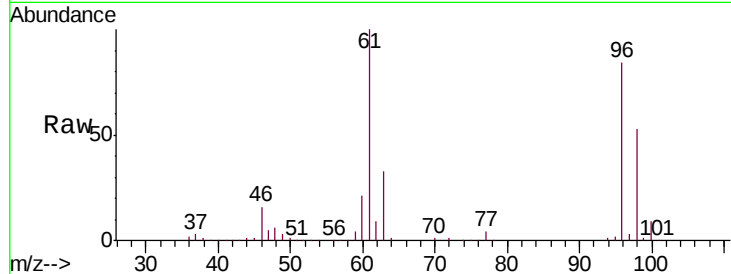


#22

cis-1,2-Dichloroethene
Concen: 50.331 ug/L
RT: 3.96 min Scan# 894
Delta R.T. -0.00 min
Lab File: VV008238.D
Acq: 10 Oct 2018 17:29

Instrument :
MSVOA_V
ClientSampleId :
C0J95

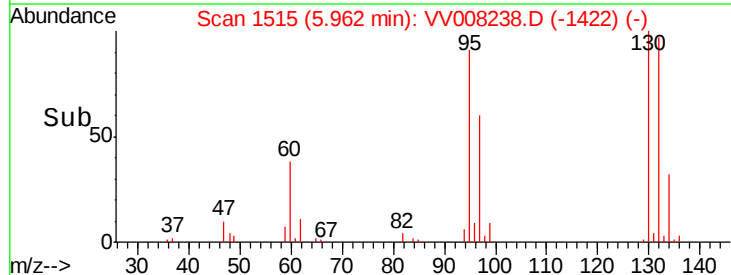
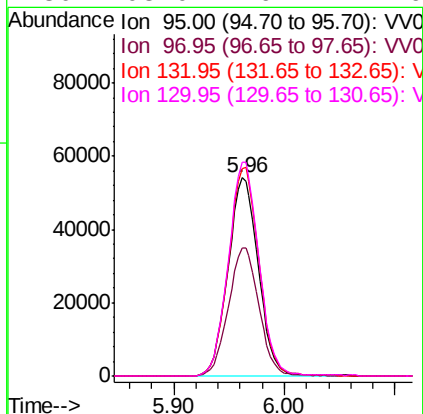
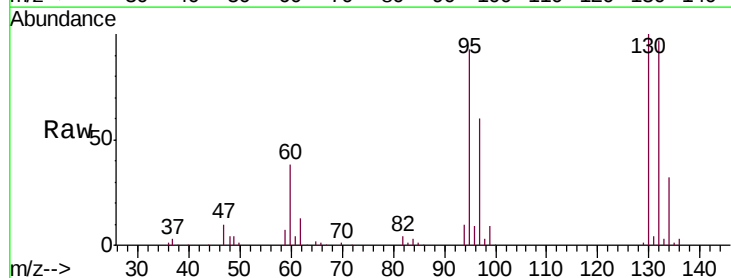
Tgt Ion: 96 Resp: 256833
Ion Ratio Lower Upper
96 100
61 119.7 85.1 158.1
68 0.0 0.0 0.0

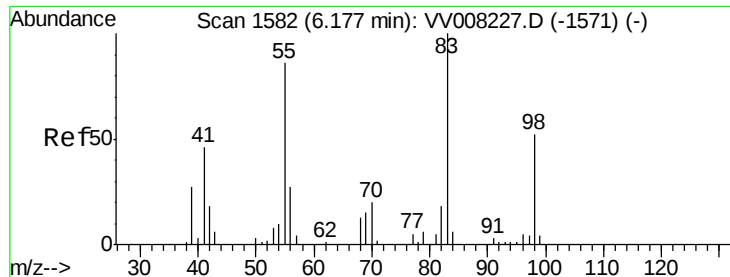


#34

Trichloroethene
Concen: 19.612 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV008238.D
Acq: 10 Oct 2018 17:29

Tgt Ion: 95 Resp: 103082
Ion Ratio Lower Upper
95 100
97 64.7 44.9 83.5
132 105.1 73.6 136.6
130 108.0 76.2 141.6





#35

Methylcyclohexane

Concen: 0.814 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008238.D

Acq: 10 Oct 2018 17:29

Instrument :

MSVOA_V

ClientSampleId :

C0J95

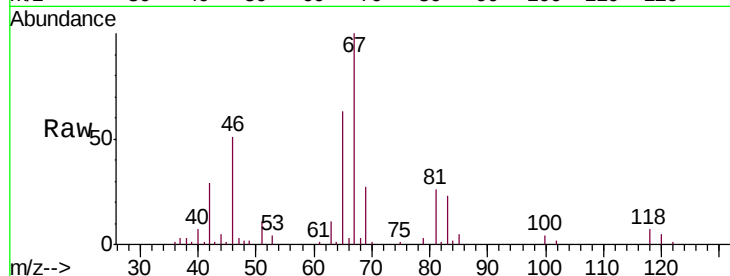
Tgt Ion: 83 Resp: 5977

Ion Ratio Lower Upper

83 100

55 0.0 63.6 95.4#

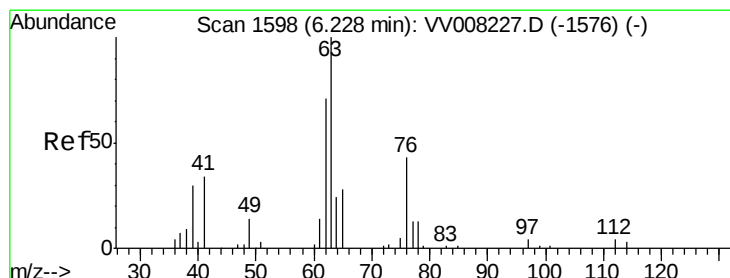
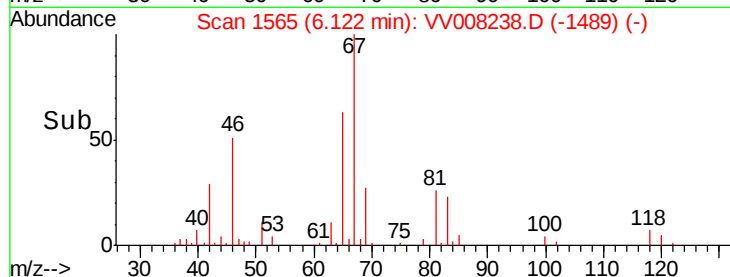
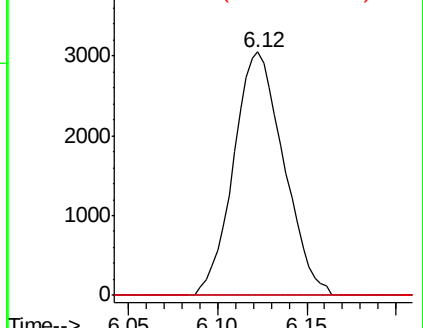
98 0.0 38.3 57.5#



Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0



#37

1,2-Dichloropropane

Concen: 0.560 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.11 min

Lab File: VV008238.D

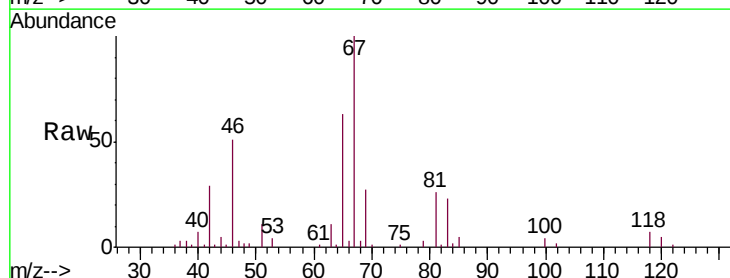
Acq: 10 Oct 2018 17:29

Tgt Ion: 63 Resp: 2722

Ion Ratio Lower Upper

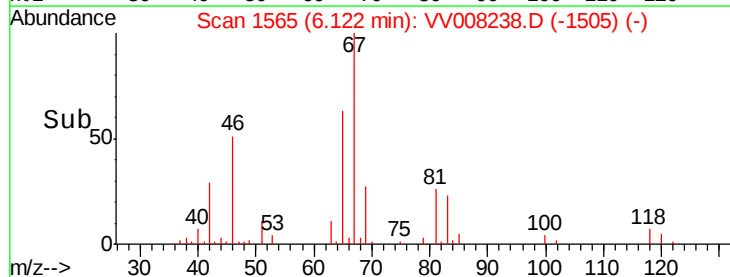
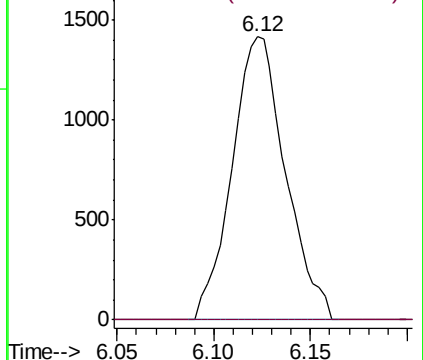
63 100

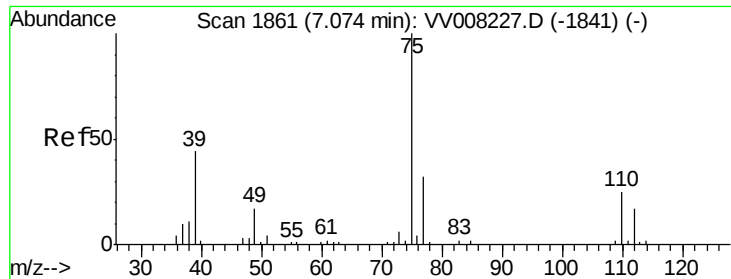
112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V



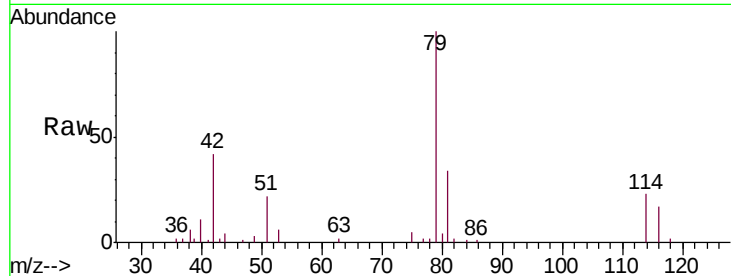


#39

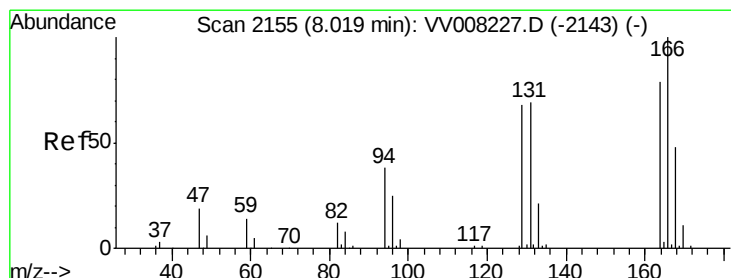
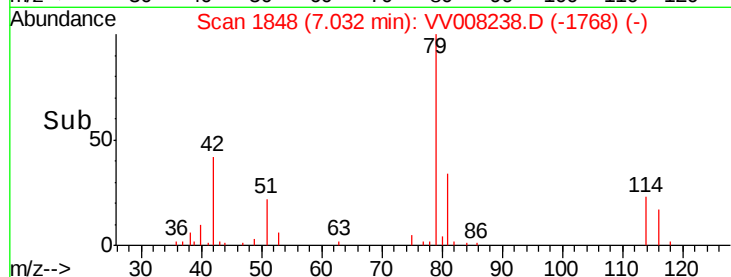
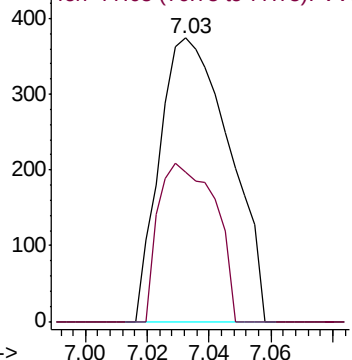
cis-1,3-Dichloropropene
 Concen: 0.095 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008238.D
 Acq: 10 Oct 2018 17:29

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J95

Tgt Ion: 75 Resp: 590
 Ion Ratio Lower Upper
 75 100
 77 52.7 22.1 41.1#



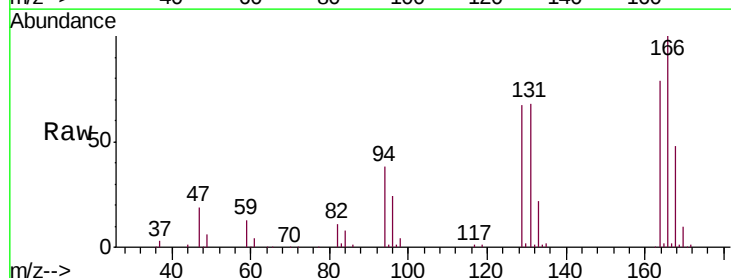
Abundance Ion 75.05 (74.75 to 75.75): VV008238.D (-1768) (-)
 Ion 77.05 (76.75 to 77.75): VV008238.D (-1768) (-)



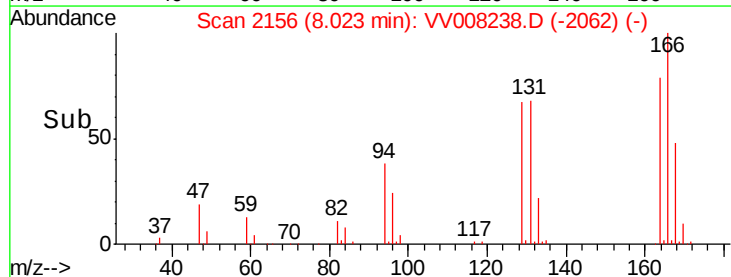
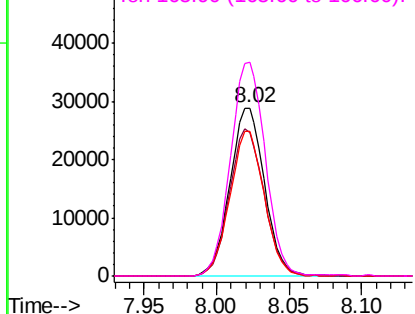
#47

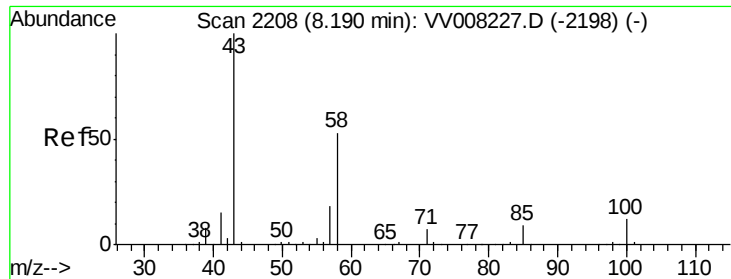
Tetrachloroethene
 Concen: 10.201 ug/L
 RT: 8.02 min Scan# 2156
 Delta R.T. 0.00 min
 Lab File: VV008238.D
 Acq: 10 Oct 2018 17:29

Tgt Ion: 164 Resp: 47887
 Ion Ratio Lower Upper
 164 100
 129 85.2 62.2 115.4
 131 86.3 60.5 112.5
 166 127.2 92.1 171.1



Abundance Ion 163.90 (163.60 to 164.60): VV008238.D (-2062) (-)
 Ion 128.95 (128.65 to 129.65): VV008238.D (-2062) (-)
 Ion 130.95 (130.65 to 131.65): VV008238.D (-2062) (-)
 Ion 165.90 (165.60 to 166.60): VV008238.D (-2062) (-)

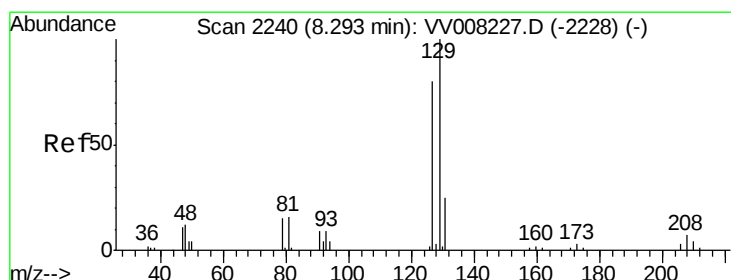
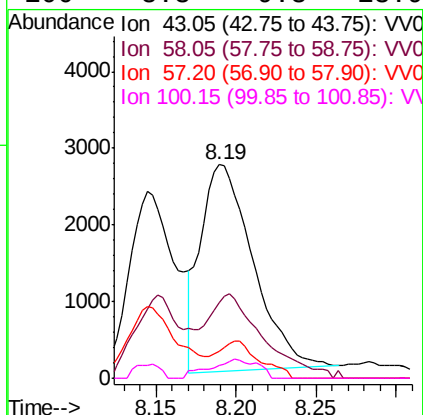
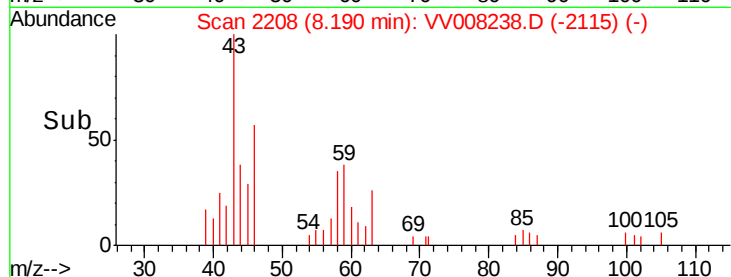
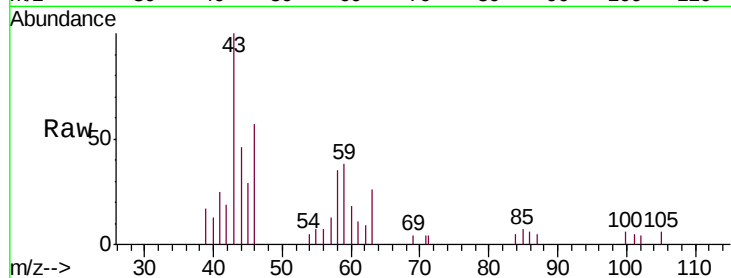




#48
2-Hexanone
Concen: 3.272 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VV008238.D
Acq: 10 Oct 2018 17:29

Instrument :
MSVOA_V
ClientSampleId :
C0J95

Tgt Ion: 43 Resp: 6119
Ion Ratio Lower Upper
43 100
58 42.3 40.5 60.7
57 14.0 14.6 22.0#
100 8.3 9.3 13.9#



#49
Dibromochloromethane
Concen: 9.523 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV008238.D
Acq: 10 Oct 2018 17:29

Tgt Ion: 129 Resp: 40498
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.3#

