

Data File : VV008241.D
Acq On : 10 Oct 2018 18:55
Operator : SY/MD
Sample : J5315-07 50X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0J98

Quant Time: Oct 11 02:03:07 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	83213	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	81361	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	32823	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18819	3.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.80%
7) Chloroethane-d5	1.59	69	17106	3.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.40%
11) 1,1-Dichloroethene-d2	2.13	63	28384	2.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.80%#
20) 2-Butanone-d5	3.98	46	71386	58.09	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.18%
24) Chloroform-d	4.41	84	48781	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.09	65	24915	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.10	84	88778	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	6.12	67	30698	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.36	98	72151	3.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.40%
43) trans-1,3-Dichloropropene-	7.67	79	9628	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.14	63	40848	44.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.30%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21341	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	30550	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

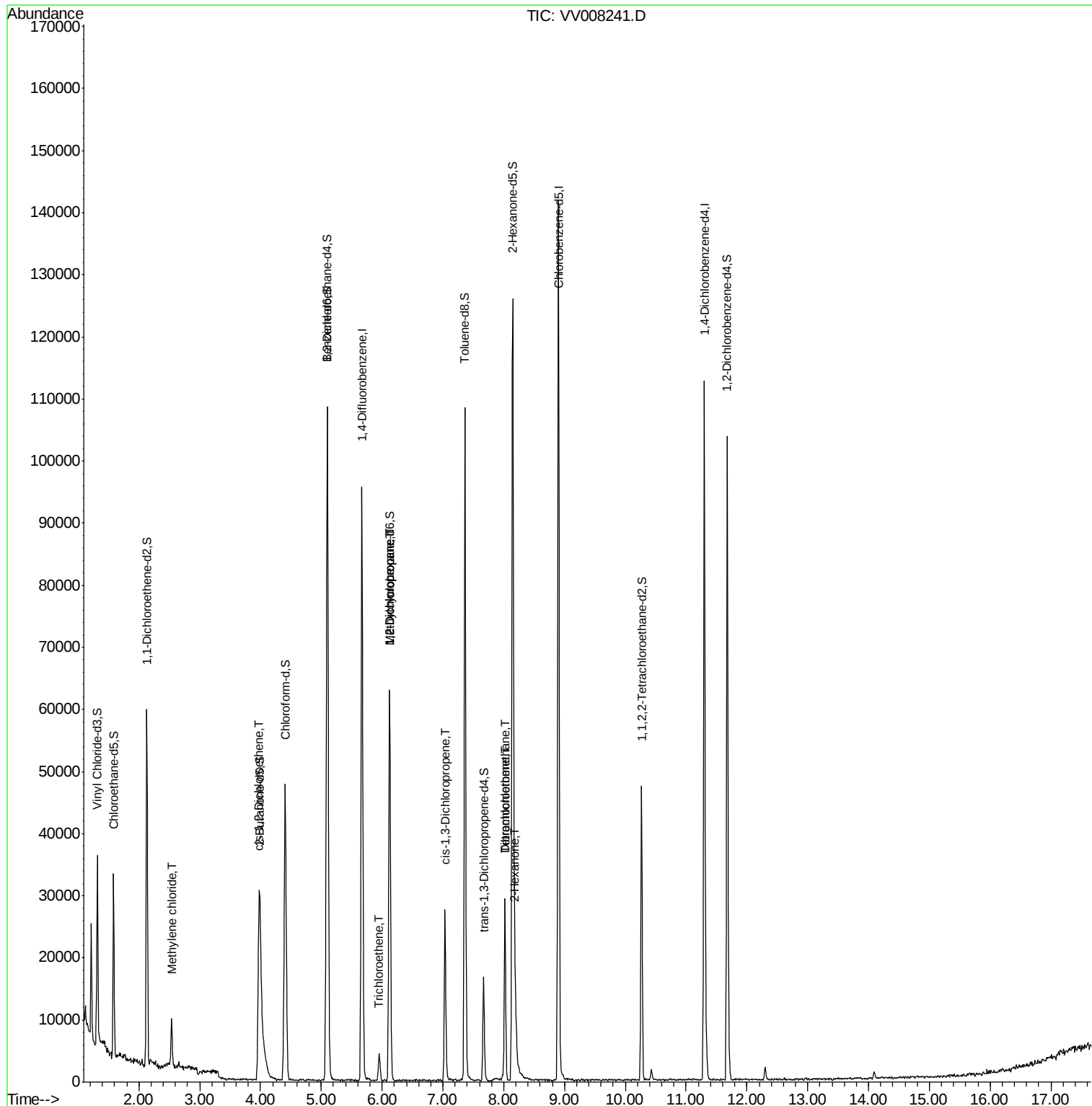
						Qvalue
16) Methylene chloride	2.54	84	2962	0.542	ug/L	96
22) cis-1,2-Dichloroethene	3.97	96	722	0.130	ug/L	90
34) Trichloroethene	5.96	95	550	0.092	ug/L	79
35) Methylcyclohexane	6.13	83	7327	0.875	ug/L #	19
37) 1,2-Dichloropropane	6.13	63	3424	0.618	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	627	0.088	ug/L #	61
47) Tetrachloroethene	8.02	164	6880	1.286	ug/L	97
48) 2-Hexanone	8.19	43	7489	3.514	ug/L #	74
49) Dibromochloromethane	8.02	129	5835	1.204	ug/L #	10

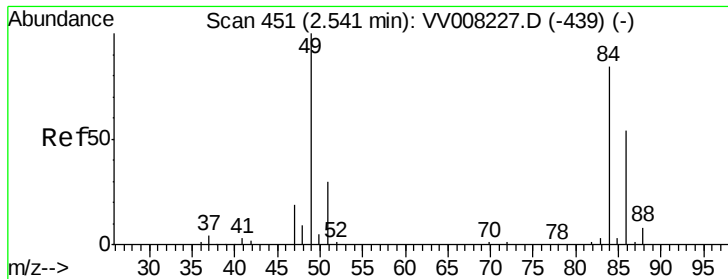
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV008241.D
Acq On : 10 Oct 2018 18:55
Operator : SY/MD
Sample : J5315-07 50X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0J98

Quant Time: Oct 11 02:03:07 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

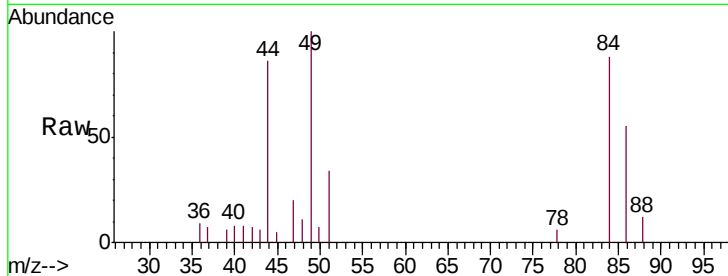




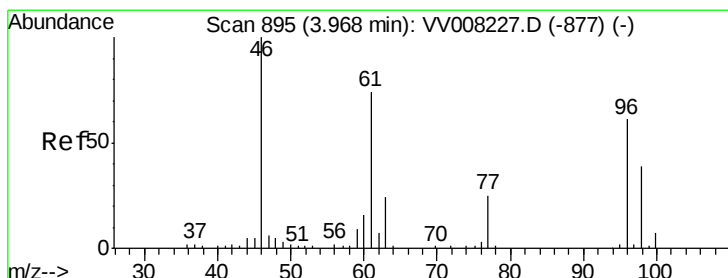
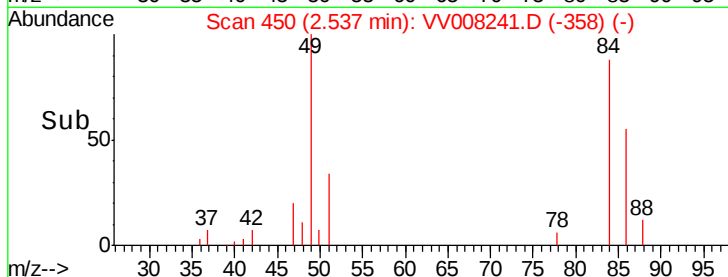
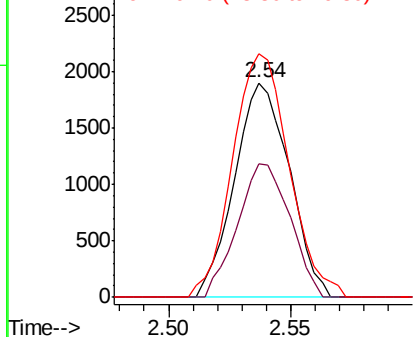
#16
Methylene chloride
Concen: 0.542 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV008241.D
Acq: 10 Oct 2018 18:55

Instrument :
MSVOA_V
ClientSampleId :
C0J98

Tgt Ion: 84 Resp: 2962
Ion Ratio Lower Upper
84 100
86 62.5 45.3 84.1
49 113.6 83.0 154.1

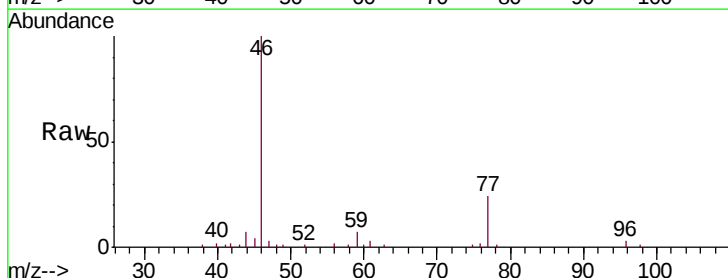


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

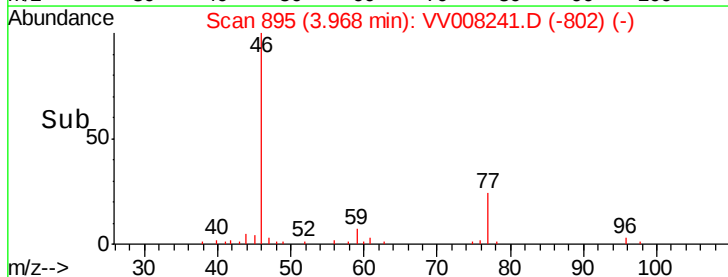
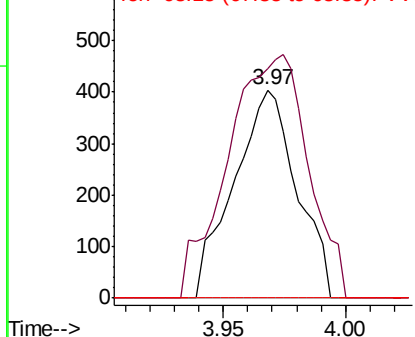


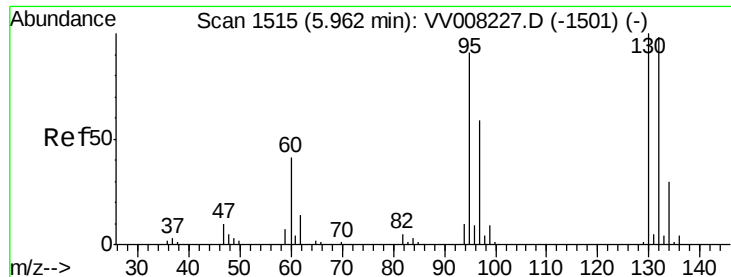
#22
cis-1,2-Dichloroethene
Concen: 0.130 ug/L
RT: 3.97 min Scan# 895
Delta R.T. -0.00 min
Lab File: VV008241.D
Acq: 10 Oct 2018 18:55

Tgt Ion: 96 Resp: 722
Ion Ratio Lower Upper
96 100
61 110.1 85.1 158.1
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

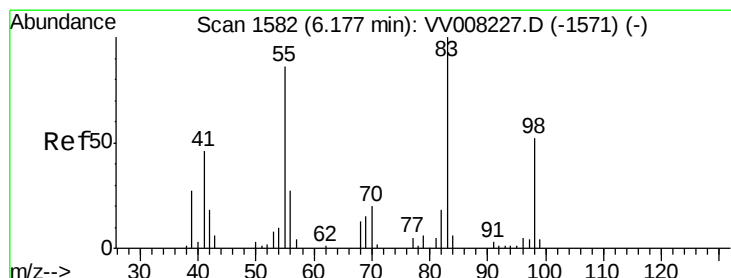
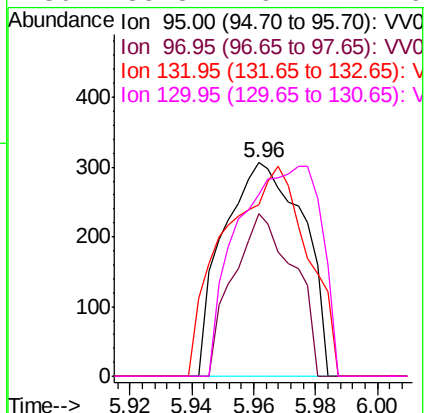
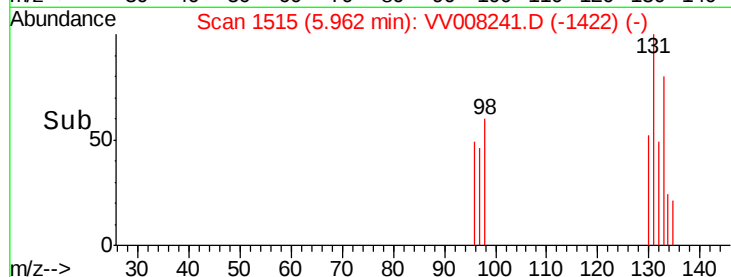
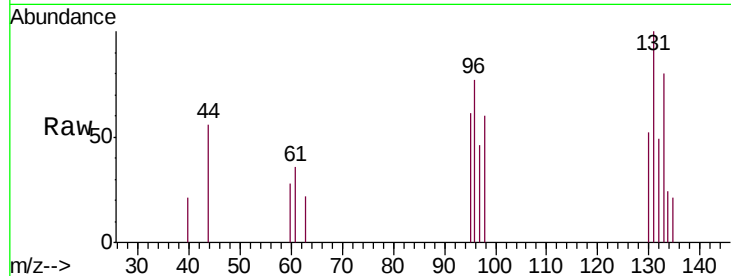




#34
 Trichloroethene
 Concen: 0.092 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: VV008241.D
 Acq: 10 Oct 2018 18:55

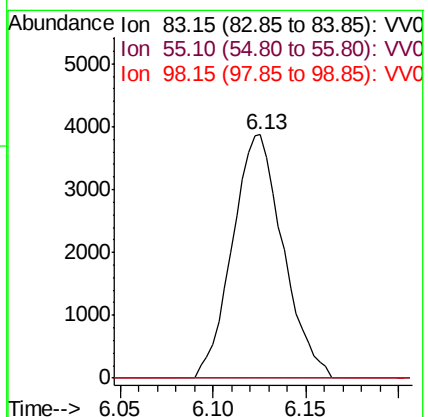
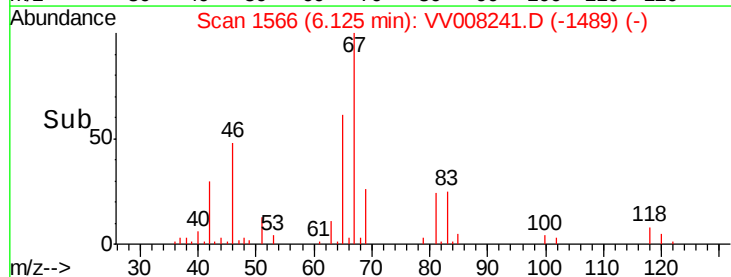
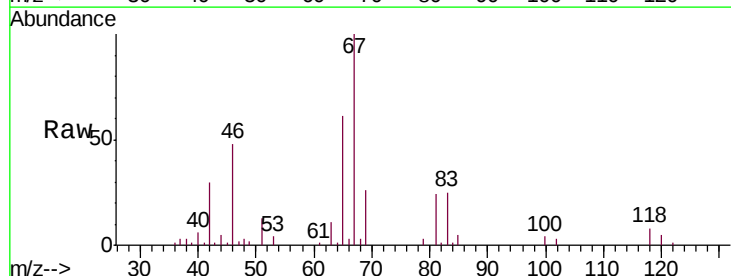
Instrument :
 MSVOA_V
 ClientSampleId :
 C0J98

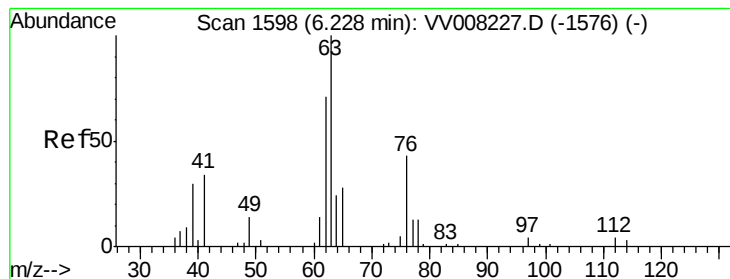
Tgt Ion: 95 Resp: 550
 Ion Ratio Lower Upper
 95 100
 97 76.1 44.9 83.5
 132 80.4 73.6 136.6
 130 85.3 76.2 141.6



#35
 Methylcyclohexane
 Concen: 0.875 ug/L
 RT: 6.13 min Scan# 1566
 Delta R.T. -0.05 min
 Lab File: VV008241.D
 Acq: 10 Oct 2018 18:55

Tgt Ion: 83 Resp: 7327
 Ion Ratio Lower Upper
 83 100
 55 0.0 63.6 95.4#
 98 3.2 38.3 57.5#





#37

1,2-Dichloropropane

Concen: 0.618 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV008241.D

Acq: 10 Oct 2018 18:55

Instrument :

MSVOA_V

ClientSampled :

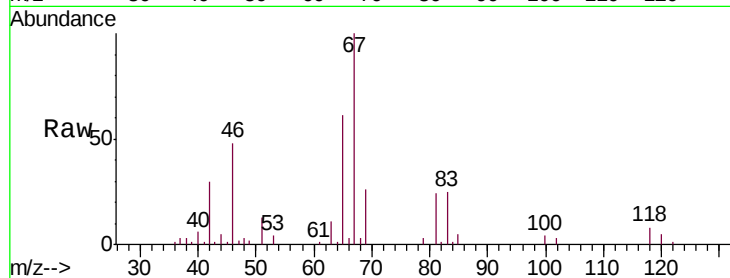
C0J98

Tgt Ion: 63 Resp: 3424

Ion Ratio Lower Upper

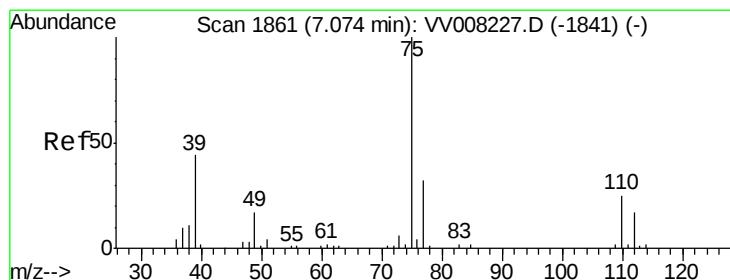
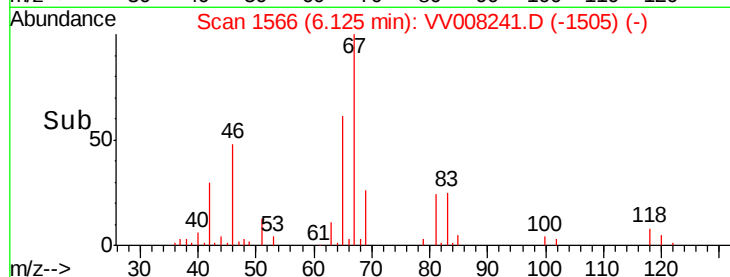
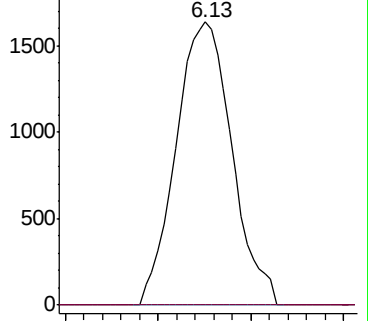
63 100

112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV008227.D (-1576) (-)

Ion 112.10 (111.80 to 112.80): VV008227.D (-1576) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.05 min

Lab File: VV008241.D

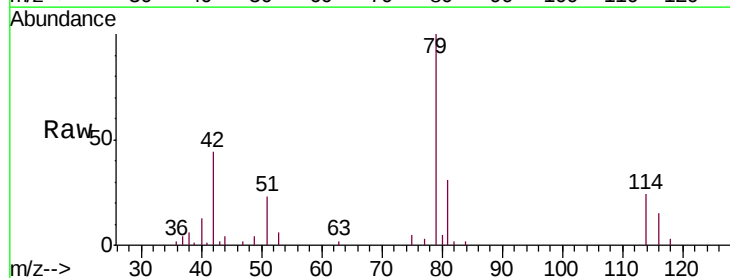
Acq: 10 Oct 2018 18:55

Tgt Ion: 75 Resp: 627

Ion Ratio Lower Upper

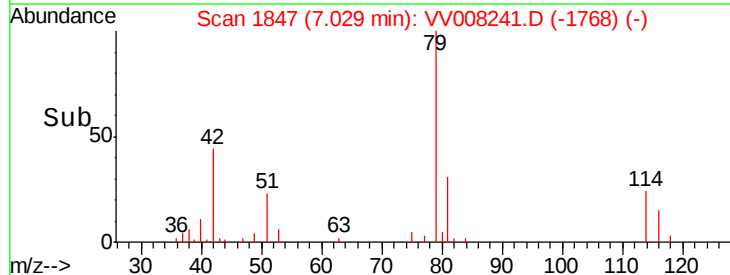
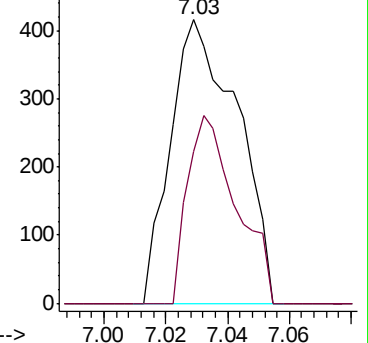
75 100

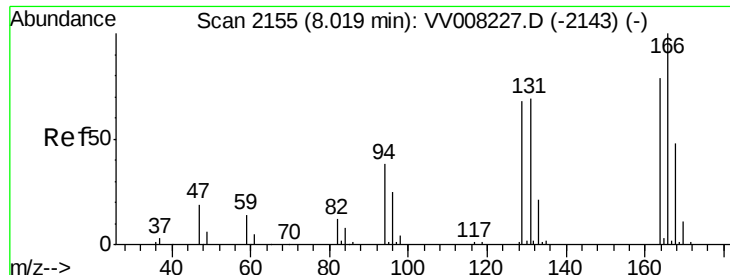
77 53.4 22.1 41.1#



Abundance Ion 75.05 (74.75 to 75.75): VV008227.D (-1841) (-)

Ion 77.05 (76.75 to 77.75): VV008227.D (-1841) (-)





#47

Tetrachloroethene

Concen: 1.286 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV008241.D

Acq: 10 Oct 2018 18:55

Instrument :

MSVOA_V

ClientSampleId :

C0J98

Tgt Ion:164 Resp: 6880

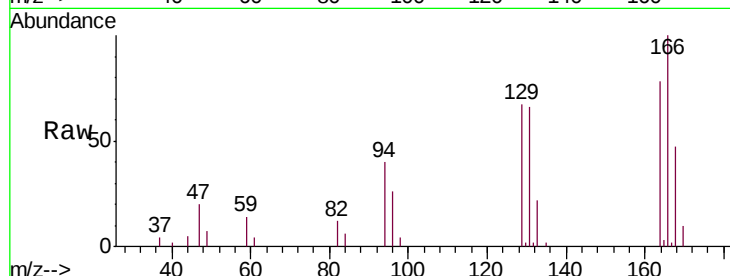
Ion Ratio Lower Upper

164 100

129 85.7 62.2 115.4

131 83.6 60.5 112.5

166 127.5 92.1 171.1

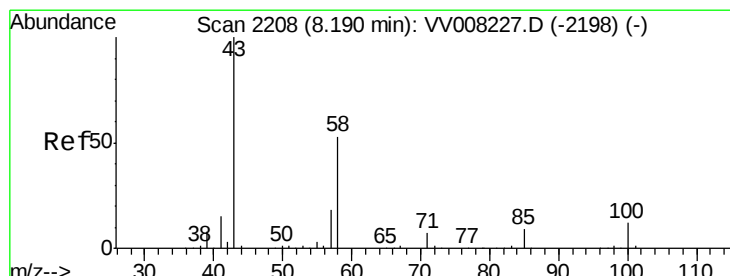
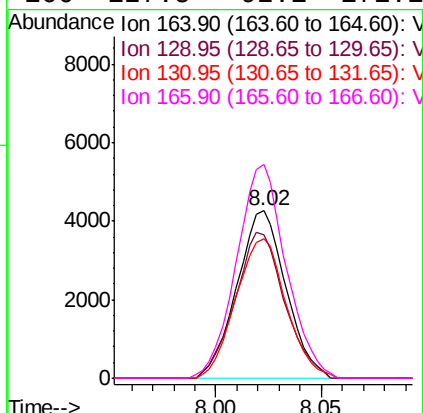
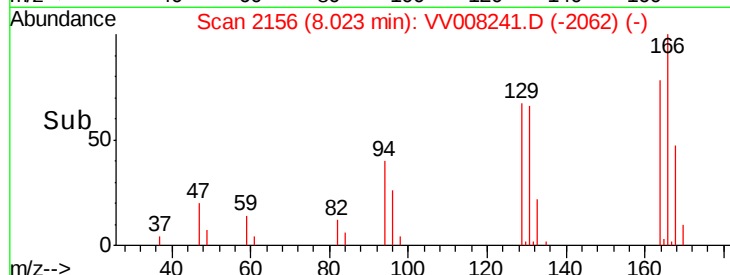


Abundance Ion 163.90 (163.60 to 164.60): V

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



#48

2-Hexanone

Concen: 3.514 ug/L

RT: 8.19 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VV008241.D

Acq: 10 Oct 2018 18:55

Tgt Ion: 43 Resp: 7489

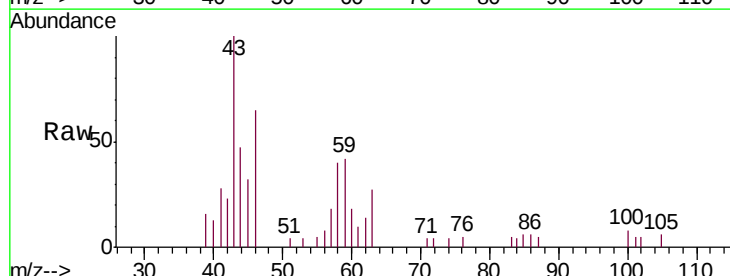
Ion Ratio Lower Upper

43 100

58 29.4 40.5 60.7#

57 10.2 14.6 22.0#

100 5.0 9.3 13.9#

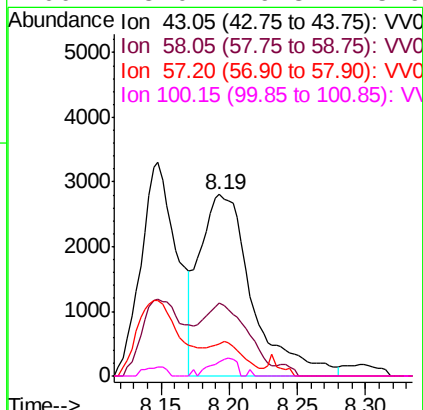
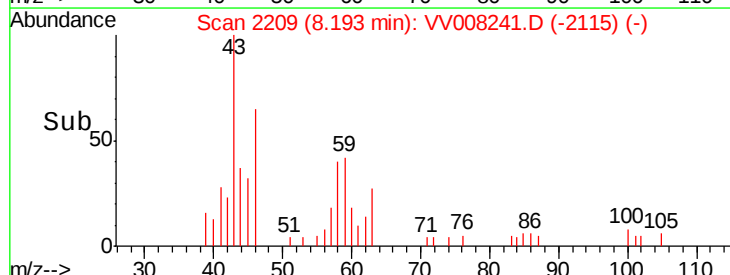


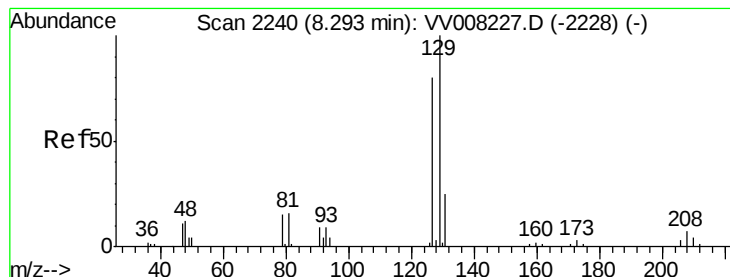
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0





#49

Dibromochloromethane

Concen: 1.204 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV008241.D

Acq: 10 Oct 2018 18:55

Instrument :

MSVOA_V

ClientSampleId :

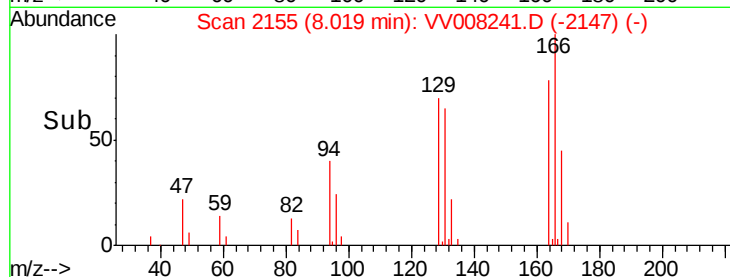
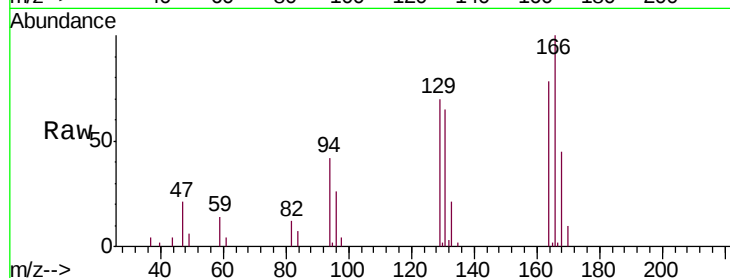
C0J98

Tgt Ion:129 Resp: 5835

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.3#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

