

Data File : VV008063.D
Acq On : 04 Oct 2018 15:28
Operator : SY/MD
Sample : J5246-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0J73

Quant Time: Oct 05 05:22:05 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	81278	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	78019	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	37910	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18701	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	1.59	69	18208	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.14	63	30527	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	3.96	46	71121	54.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.54%
24) Chloroform-d	4.41	84	50324	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.09	65	27655	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.10	84	93760	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.12	67	31013	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.36	98	84836	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	7.67	79	10300	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.14	63	52060	51.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.74%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22739	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	36518	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

					Qvalue
3) Chloromethane	1.25	50	550	0.091 ug/L	92
9) Trichlorofluoromethane	1.78	101	1855	0.175 ug/L	85
13) Acetone	2.21	43	2533	2.653 ug/L	88
19) 1,1-Dichloroethane	3.23	63	1004	0.099 ug/L #	88
22) cis-1,2-Dichloroethene	3.97	96	2564	0.428 ug/L	96
25) Chloroform	4.43	83	1125	0.103 ug/L	80
34) Trichloroethene	5.97	95	2751	0.430 ug/L	93
35) Methylcyclohexane	6.12	83	7371	0.768 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	3740	0.655 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	715	0.094 ug/L #	73
42) Toluene	7.44	91	6533	0.269 ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	510	0.080 ug/L #	65
45) 1,1,2-Trichloroethane	8.02	97	5160	1.253 ug/L #	3
47) Tetrachloroethene	8.02	164	671233	113.237 ug/L	98
49) Dibromochloromethane	8.02	129	569289	121.079 ug/L #	12
53) m,p-xylene	9.19	106	1031	0.100 ug/L	74
66) 1,2-Dibromo-3-chloropropan	12.31	75	146	0.243 ug/L #	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100418\
Quantitation Report (Not Reviewed)

Data File : VV008063.D
Acq On : 04 Oct 2018 15:28
Operator : SY/MD
Sample : J5246-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0J73

Quant Time: Oct 05 05:22:05 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

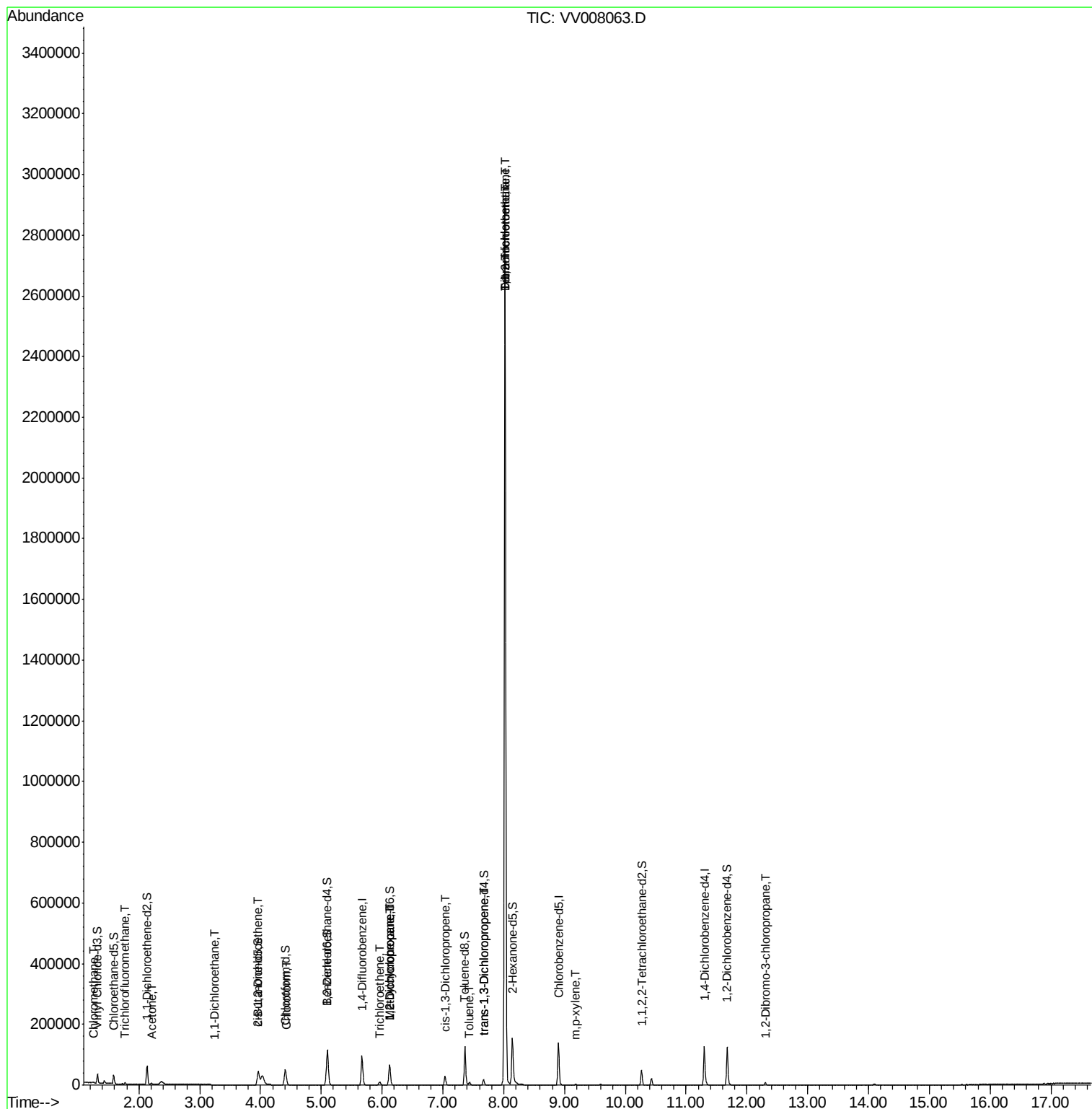
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

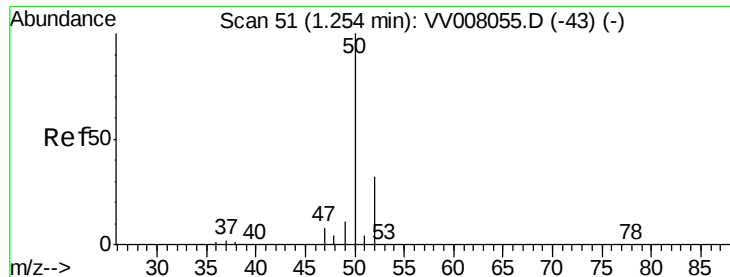
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV008063.D
Acq On : 04 Oct 2018 15:28
Operator : SY/MD
Sample : J5246-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0J73

Quant Time: Oct 05 05:22:05 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





#3

Chloromethane

Concen: 0.091 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV008063.D

Acq: 04 Oct 2018 15:28

Instrument :

MSVOA_V

ClientSampleId :

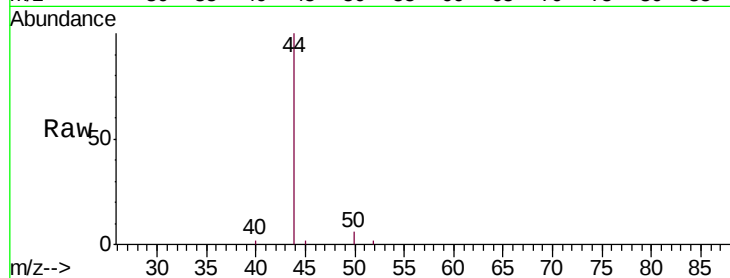
C0J73

Tgt Ion: 50 Resp: 550

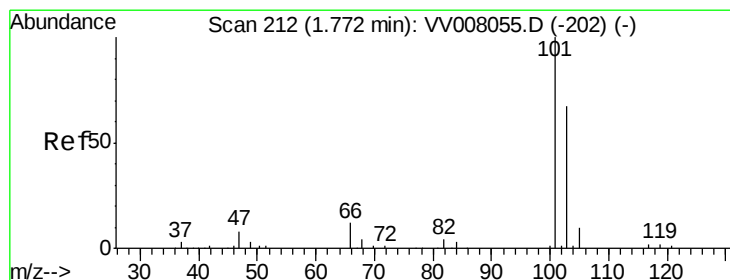
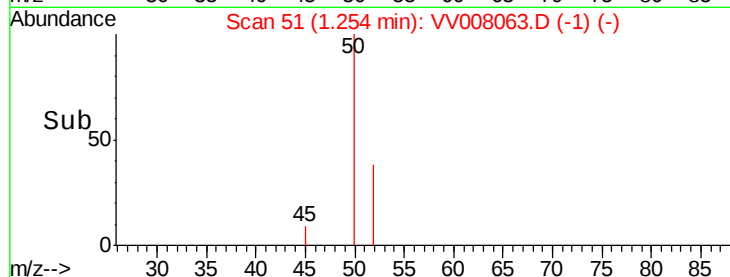
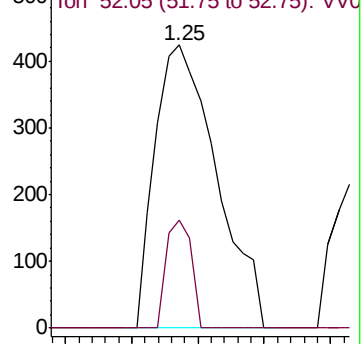
Ion Ratio Lower Upper

50 100

52 38.2 23.4 43.4



Abundance Ion 50.05 (49.75 to 50.75): VV008055.D (-43) (-)



#9

Trichlorofluoromethane

Concen: 0.175 ug/L

RT: 1.78 min Scan# 213

Delta R.T. 0.00 min

Lab File: VV008063.D

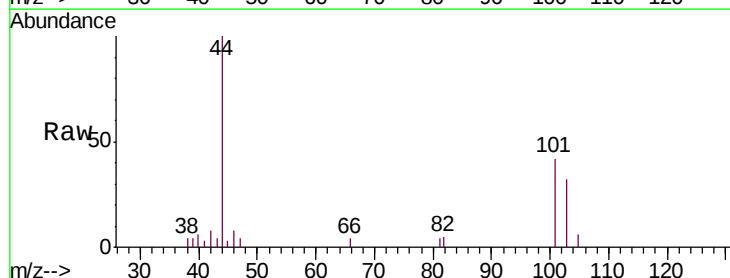
Acq: 04 Oct 2018 15:28

Tgt Ion: 101 Resp: 1855

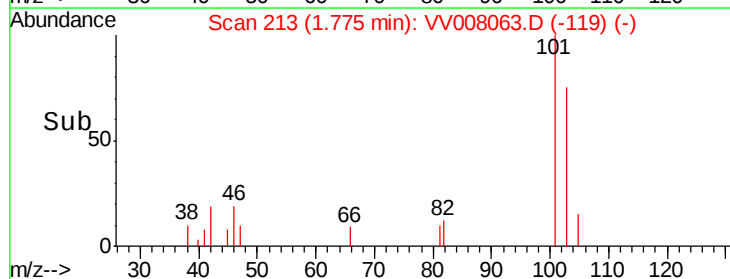
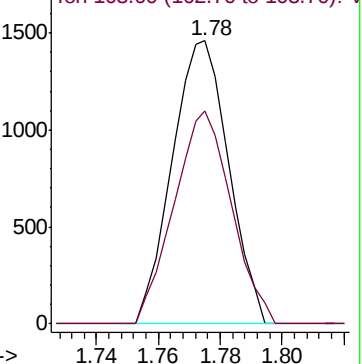
Ion Ratio Lower Upper

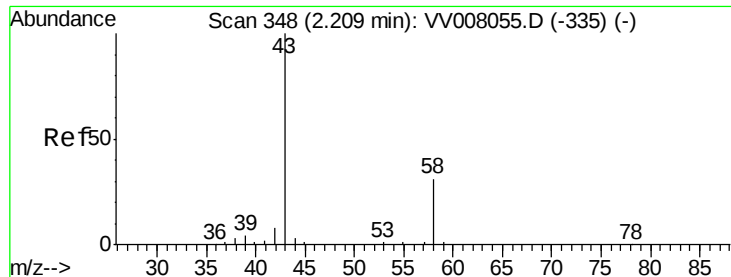
101 100

103 76.4 51.5 77.3



Abundance Ion 101.00 (100.70 to 101.70): VV008055.D (-202) (-)





#13

Acetone

Concen: 2.653 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.00 min

Lab File: VV008063.D

Acq: 04 Oct 2018 15:28

Instrument :

MSVOA_V

ClientSampleId :

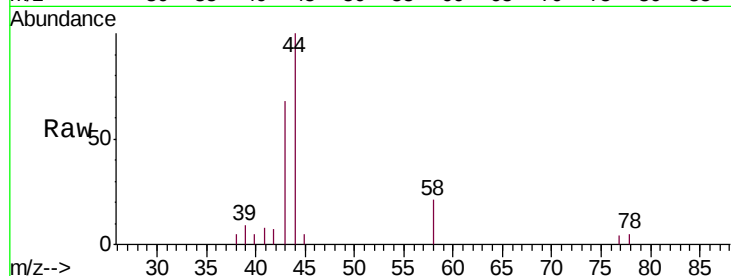
C0J73

Tgt Ion: 43 Resp: 2533

Ion Ratio Lower Upper

43 100

58 37.7 0.0 62.0



Abundance Ion 43.05 (42.75 to 43.75): VV008055.D (-335) (-)

Ion 58.05 (57.75 to 58.75): VV008055.D (-335) (-)

2.21

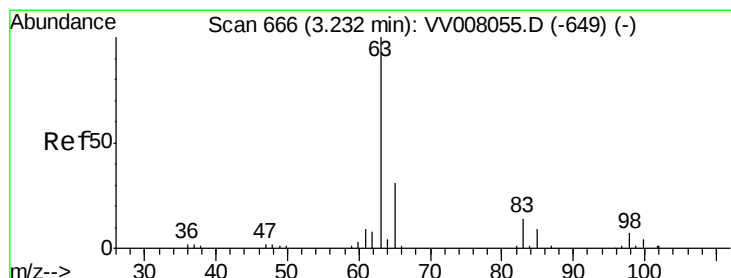
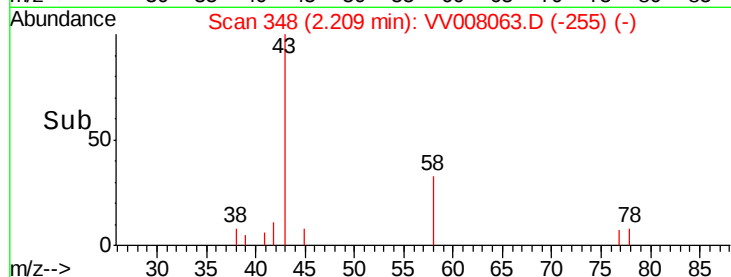
1500

1000

500

0

Time-->



#19

1,1-Dichloroethane

Concen: 0.099 ug/L

RT: 3.23 min Scan# 667

Delta R.T. 0.00 min

Lab File: VV008063.D

Acq: 04 Oct 2018 15:28

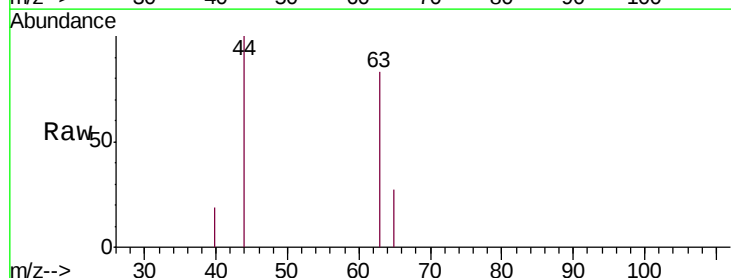
Tgt Ion: 63 Resp: 1004

Ion Ratio Lower Upper

63 100

65 32.8 22.3 41.5

83 0.0 9.8 18.2#



Abundance Ion 63.10 (62.80 to 63.80): VV008055.D (-649) (-)

Ion 65.10 (64.80 to 65.80): VV008055.D (-649) (-)

Ion 83.05 (82.75 to 83.75): VV008055.D (-649) (-)

3.23

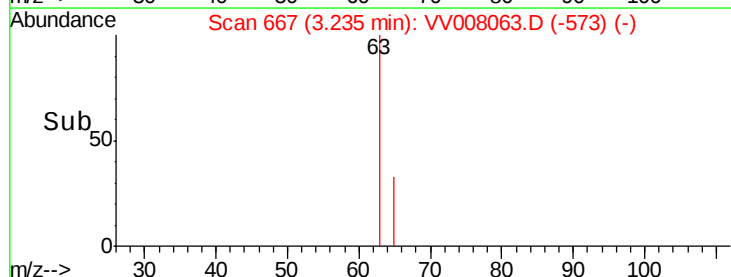
600

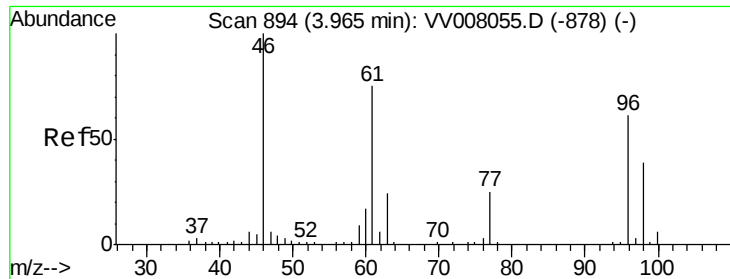
400

200

0

Time-->



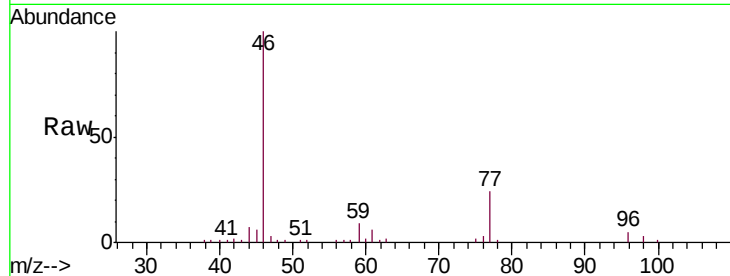


#22

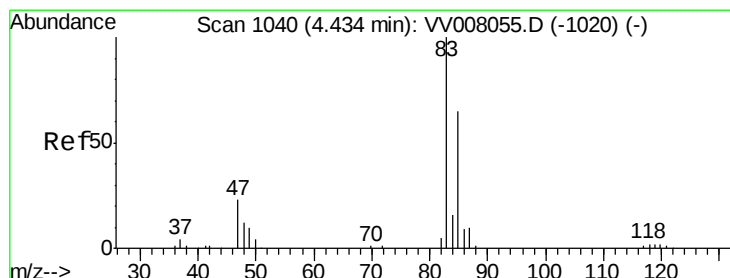
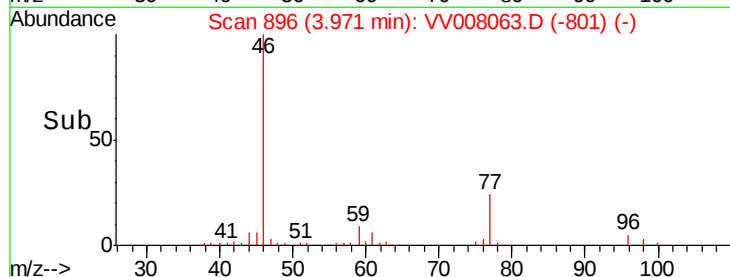
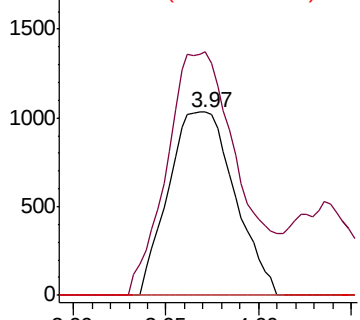
cis-1,2-Dichloroethene
 Concen: 0.428 ug/L
 RT: 3.97 min Scan# 896
 Delta R.T. 0.01 min
 Lab File: VV008063.D
 Acq: 04 Oct 2018 15:28

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J73

Tgt Ion: 96 Resp: 2564
 Ion Ratio Lower Upper
 96 100
 61 132.8 89.5 166.1
 68 0.0 0.0 0.0



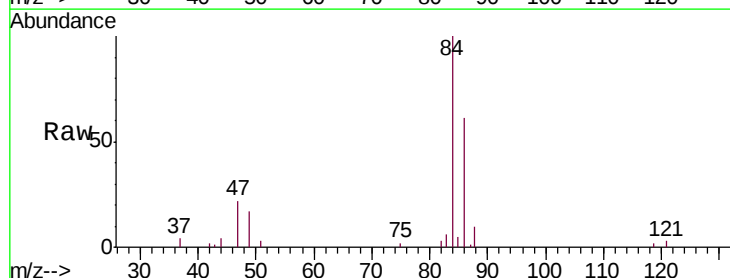
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



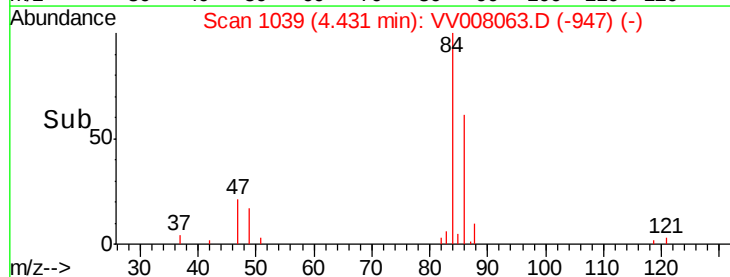
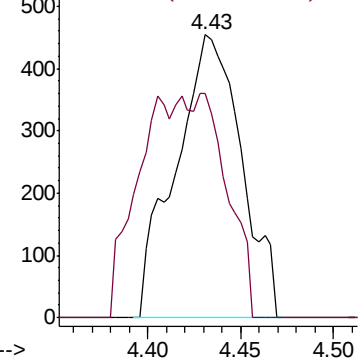
#25

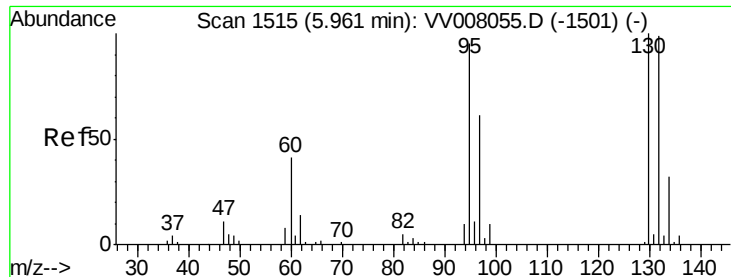
Chloroform
 Concen: 0.103 ug/L
 RT: 4.43 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: VV008063.D
 Acq: 04 Oct 2018 15:28

Tgt Ion: 83 Resp: 1125
 Ion Ratio Lower Upper
 83 100
 85 79.5 44.8 83.2



Abundance Ion 83.05 (82.75 to 83.75): VV0
 Ion 85.00 (84.70 to 85.70): VV0

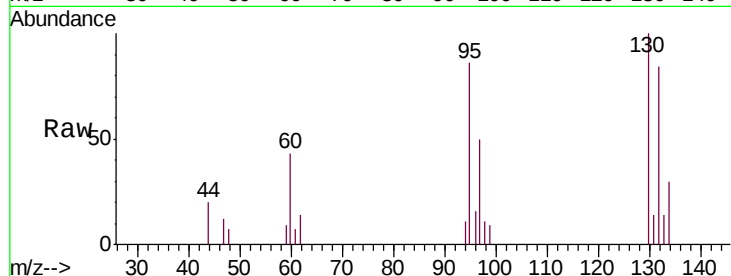




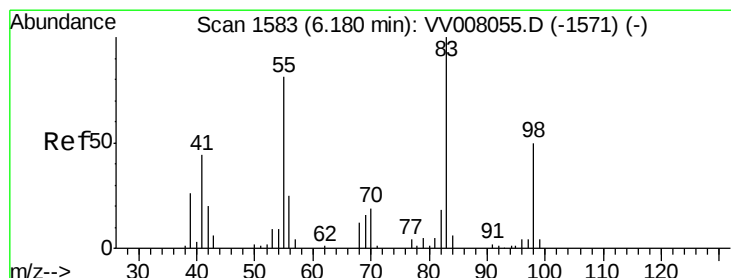
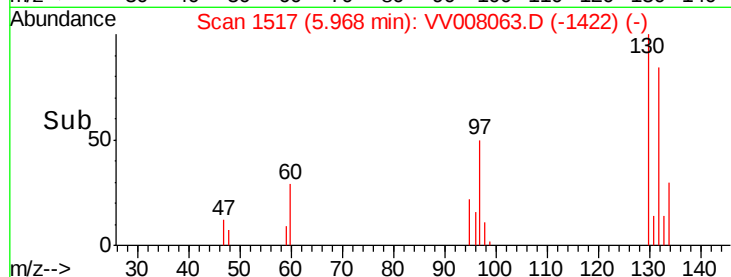
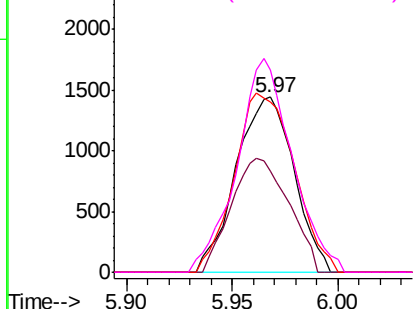
#34
 Trichloroethene
 Concen: 0.430 ug/L
 RT: 5.97 min Scan# 1517
 Delta R.T. 0.01 min
 Lab File: VV008063.D
 Acq: 04 Oct 2018 15:28

Instrument :
 MSVOA_V
 ClientSampled :
 C0J73

Tgt Ion: 95 Resp: 2751
 Ion Ratio Lower Upper
 95 100
 97 58.1 43.6 81.0
 132 97.3 69.9 129.9
 130 115.9 71.7 133.3

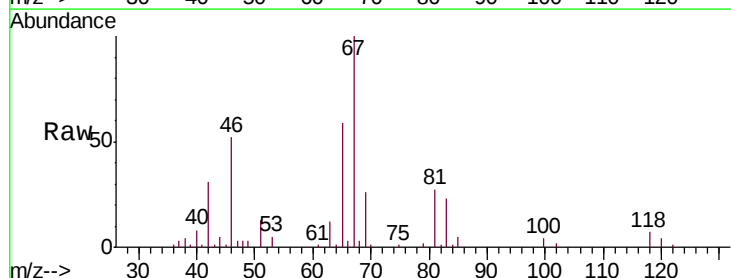


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

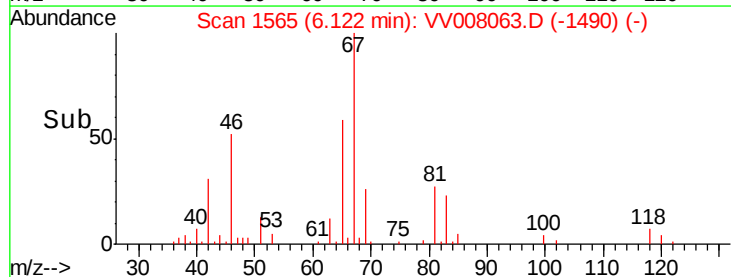
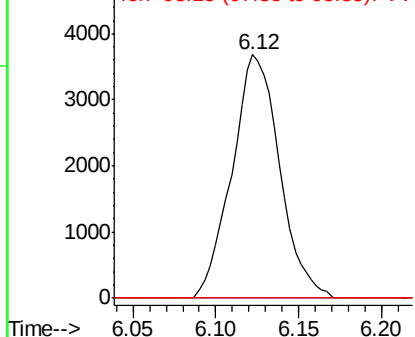


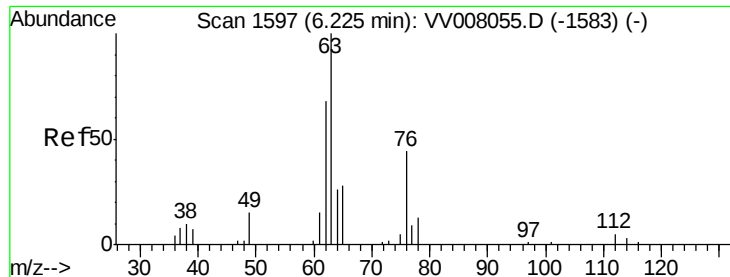
#35
 Methylcyclohexane
 Concen: 0.768 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.06 min
 Lab File: VV008063.D
 Acq: 04 Oct 2018 15:28

Tgt Ion: 83 Resp: 7371
 Ion Ratio Lower Upper
 83 100
 55 0.0 62.2 93.2#
 98 1.8 38.0 57.0#



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

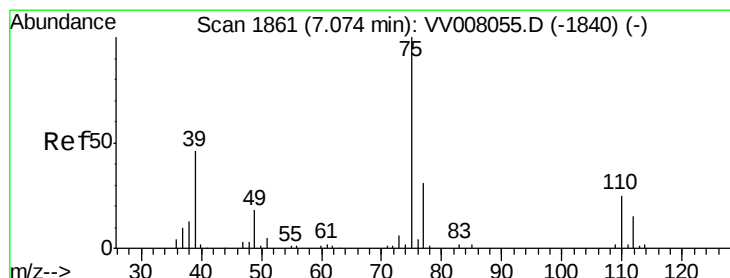
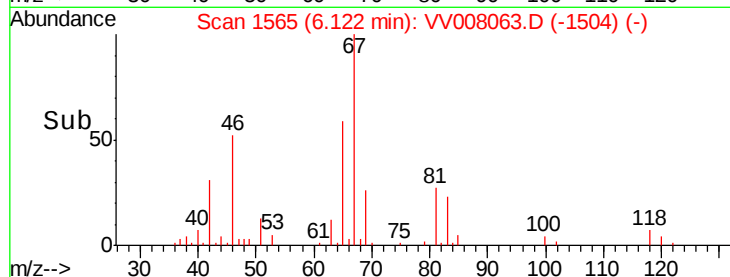
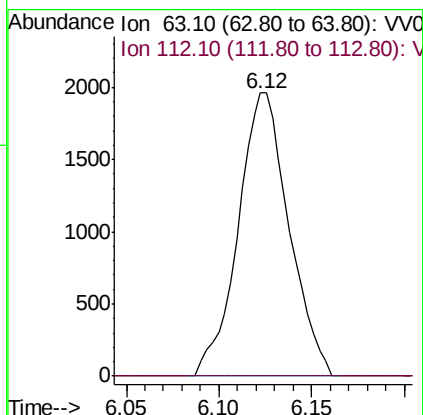
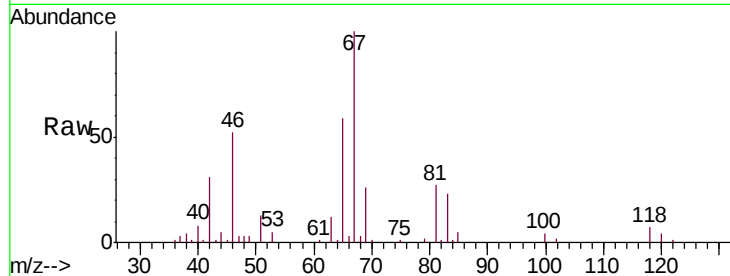




#37
 1,2-Dichloropropane
 Concen: 0.655 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008063.D
 Acq: 04 Oct 2018 15:28

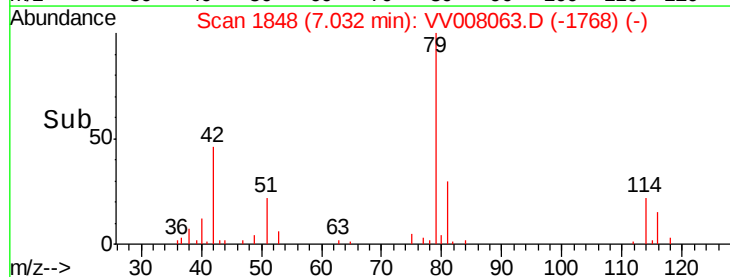
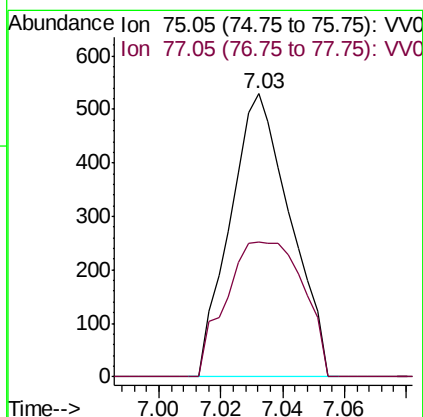
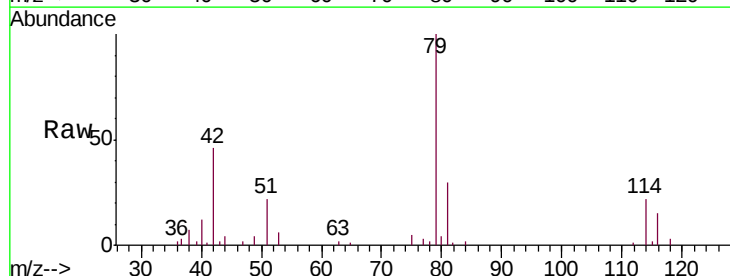
Instrument :
 MSVOA_V
 ClientSampleId :
 C0J73

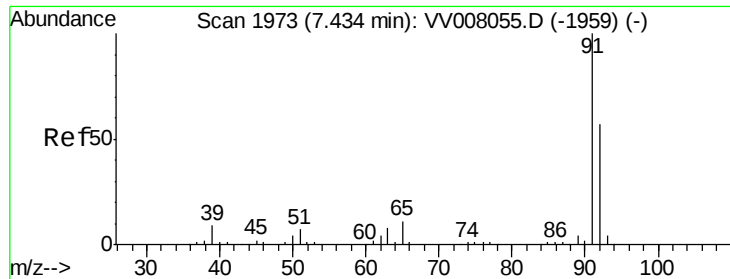
Tgt Ion: 63 Resp: 3740
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008063.D
 Acq: 04 Oct 2018 15:28

Tgt Ion: 75 Resp: 715
 Ion Ratio Lower Upper
 75 100
 77 47.6 22.9 42.5#





#42

Toluene

Concen: 0.269 ug/L

RT: 7.44 min Scan# 1974

Delta R.T. 0.00 min

Lab File: VV008063.D

Acq: 04 Oct 2018 15:28

Instrument :

MSVOA_V

ClientSampleId :

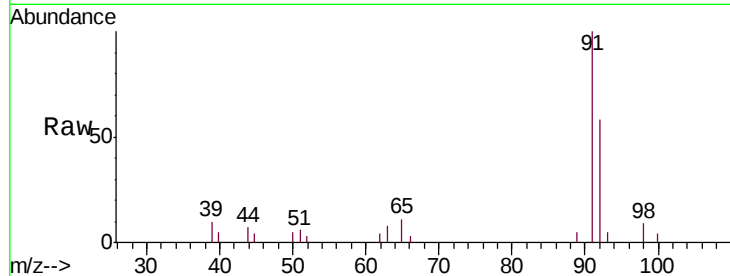
C0J73

Tgt Ion: 91 Resp: 6533

Ion Ratio Lower Upper

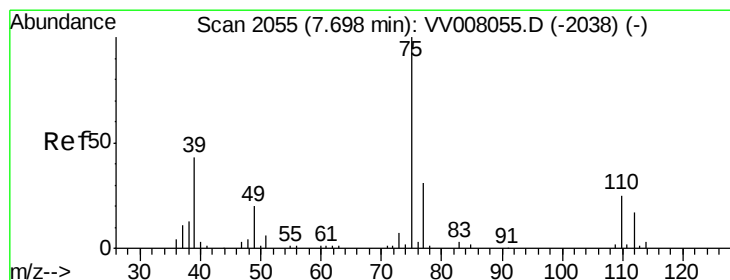
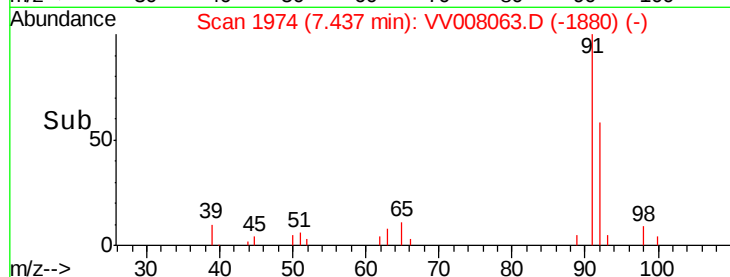
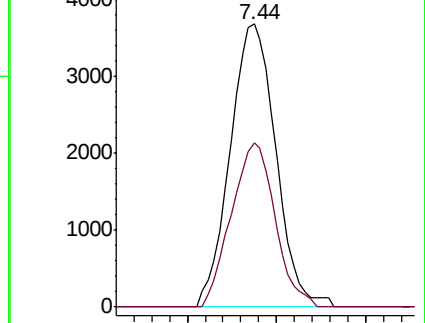
91 100

92 58.2 40.8 75.8



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV008063.D

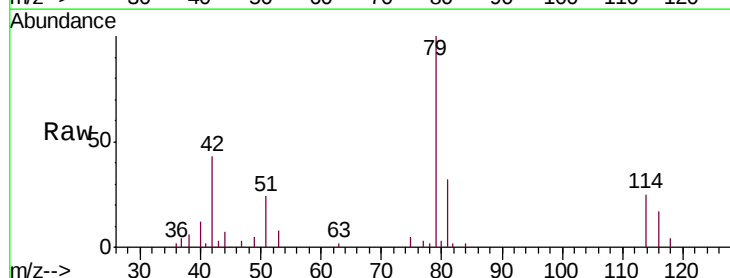
Acq: 04 Oct 2018 15:28

Tgt Ion: 75 Resp: 510

Ion Ratio Lower Upper

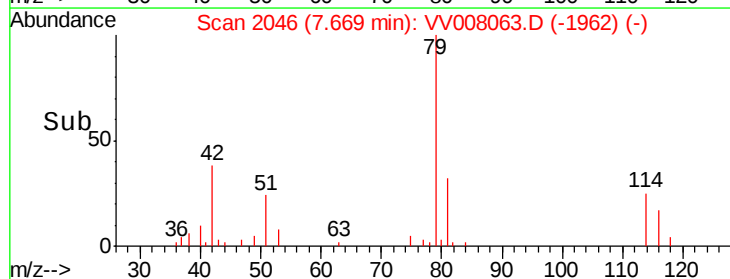
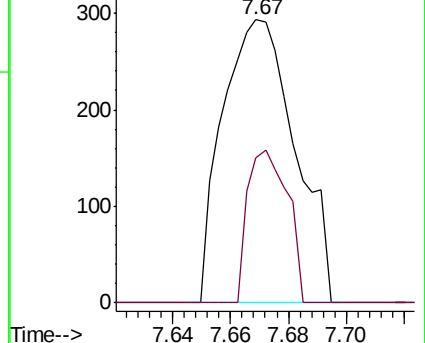
75 100

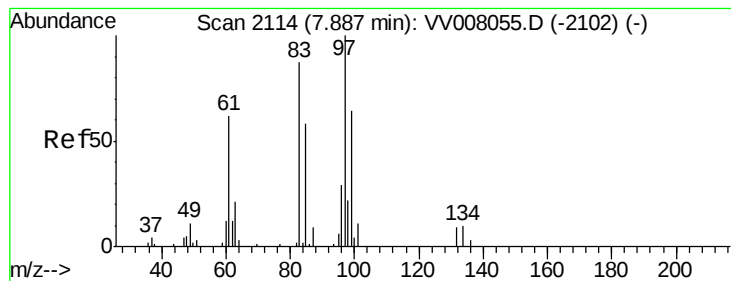
77 51.2 22.3 41.5#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0





#45

1,1,2-Trichloroethane

Concen: 1.253 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.13 min

Lab File: VV008063.D

Acq: 04 Oct 2018 15:28

Instrument :

MSVOA_V

ClientSampleId :

C0J73

Tgt Ion: 97 Resp: 5160

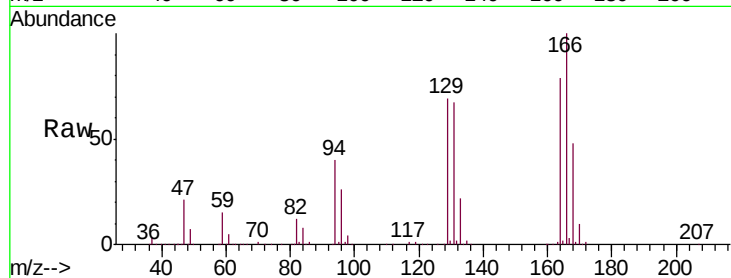
Ion Ratio Lower Upper

97 100

99 14.8 43.5 80.9#

83 238.1 59.7 110.9#

85 35.1 39.5 73.3#

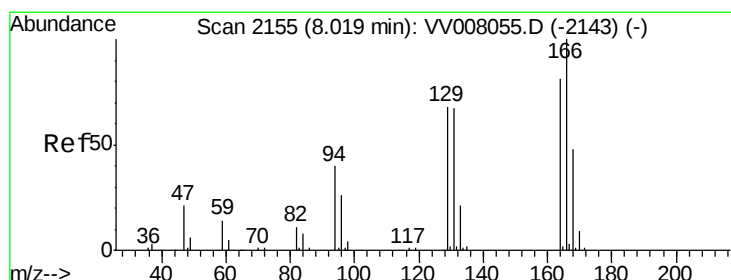
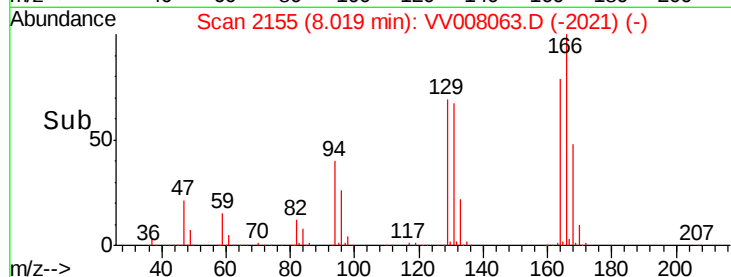
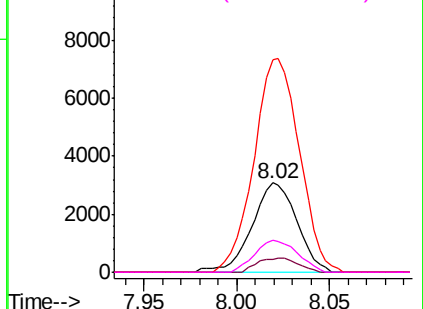


Abundance Ion 96.95 (96.65 to 97.65): VV0

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: 113.237 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV008063.D

Acq: 04 Oct 2018 15:28

Tgt Ion:164 Resp: 671233

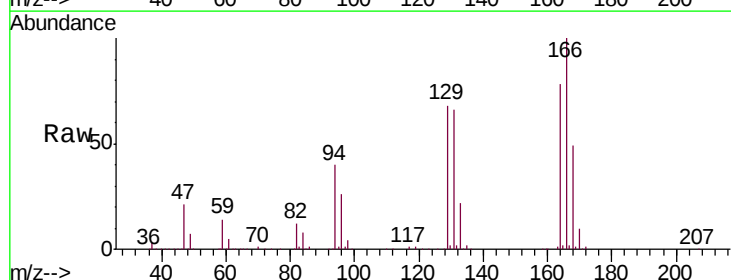
Ion Ratio Lower Upper

164 100

129 87.3 59.2 110.0

131 84.9 57.1 106.1

166 127.8 88.6 164.6

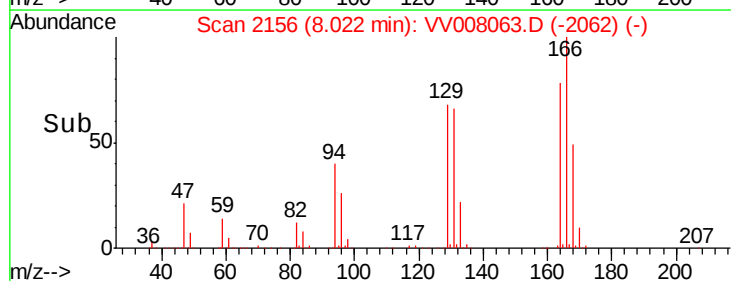
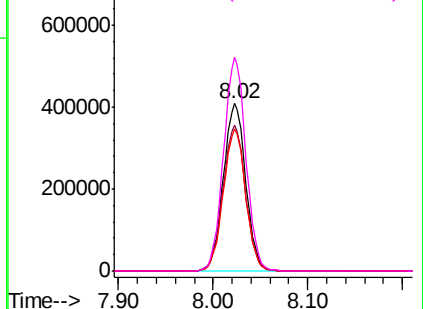


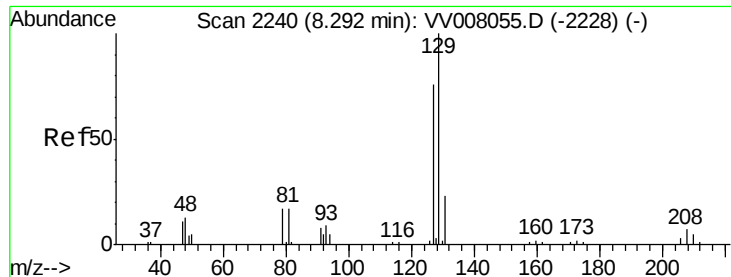
Abundance Ion 163.90 (163.60 to 164.60): V

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





#49

Dibromochloromethane

Concen: 121.079 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.27 min

Lab File: VV008063.D

Acq: 04 Oct 2018 15:28

Instrument :

MSVOA_V

ClientSampleId :

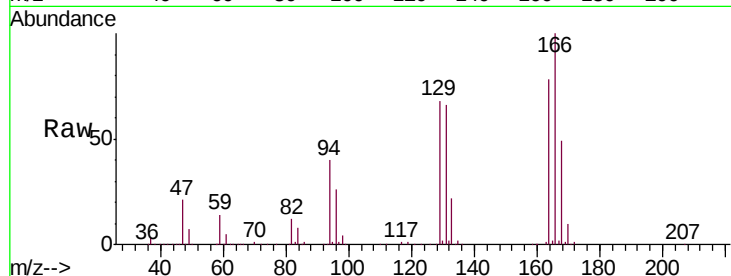
C0J73

Tgt Ion:129 Resp: 569289

Ion Ratio Lower Upper

129 100

127 0.0 53.1 98.5#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.02

400000

300000

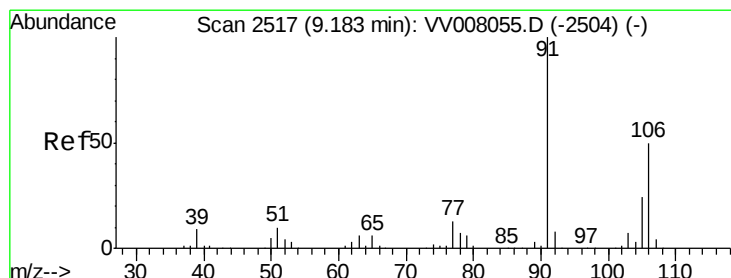
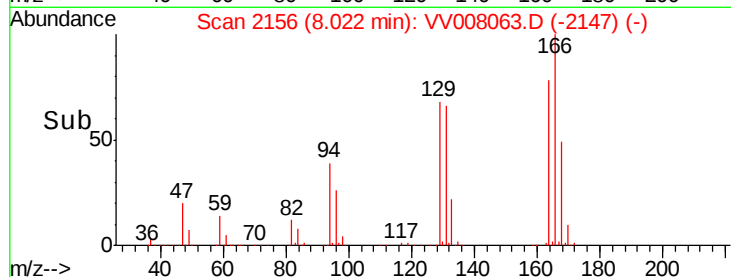
200000

100000

0

8.00 8.10 8.20

Time-->



#53

m,p-xylene

Concen: 0.100 ug/L

RT: 9.19 min Scan# 2518

Delta R.T. 0.00 min

Lab File: VV008063.D

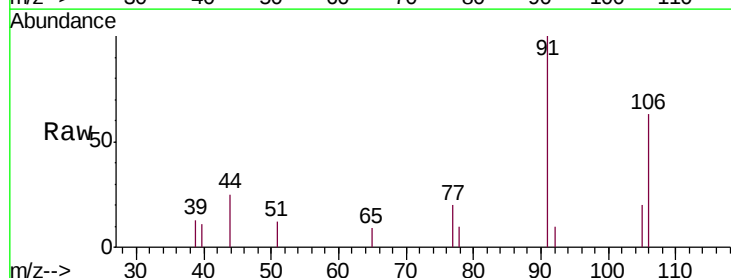
Acq: 04 Oct 2018 15:28

Tgt Ion:106 Resp: 1031

Ion Ratio Lower Upper

106 100

91 160.0 139.4 258.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

9.19

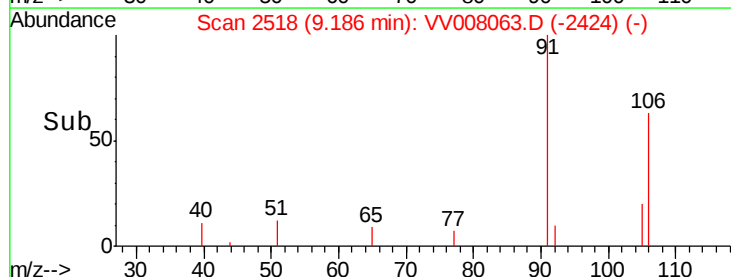
1000

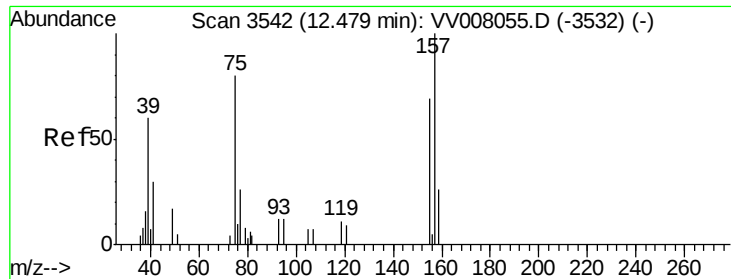
500

0

9.14 9.16 9.18 9.20 9.22

Time-->





#66

1,2-Dibromo-3-chloropropane

Concen: 0.243 ug/L

RT: 12.31 min Scan# 3489

Delta R.T. -0.17 min

Lab File: VV008063.D

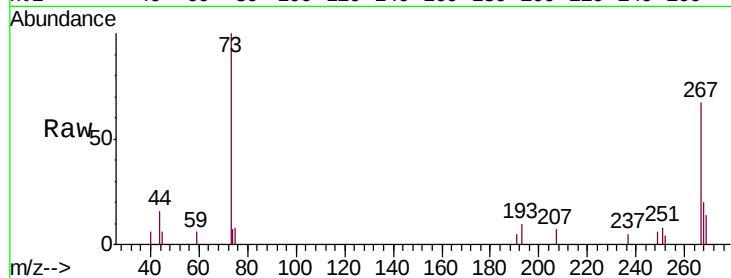
Acq: 04 Oct 2018 15:28

Instrument :

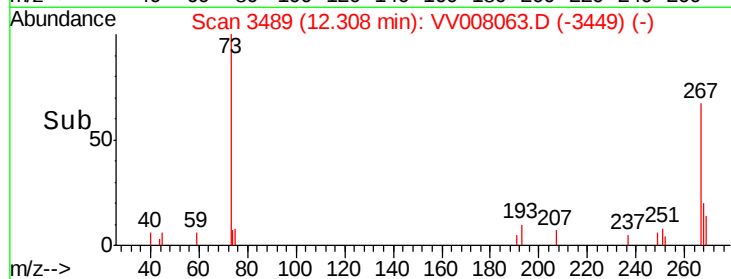
MSVOA_V

ClientSampleId :

C0J73



Tgt Ion:	75	Resp:	146
Ion	Ratio	Lower	Upper
75	100		
155	0.0	83.4	125.2#
157	0.0	93.9	140.9#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

