

Data File : VV008588.D
Acq On : 16 Nov 2018 18:19
Operator : SY/MD
Sample : J5988-04
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0JF4

Quant Time: Nov 17 04:47:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 17 04:38:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	163446	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	145777	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	64114	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32663	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.59	69	26257	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.80%
11) 1,1-Dichloroethene-d2	2.14	63	49051	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	3.96	46	124217	47.82	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.64%
24) Chloroform-d	4.41	84	82289	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
26) 1,2-Dichloroethane-d4	5.09	65	45537	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.10	84	172559	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.12	67	55276	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.36	98	158830	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	7.67	79	18629	3.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.60%
46) 2-Hexanone-d5	8.14	63	94921	44.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.60%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38404	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	53819	4.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.00%

Target Compounds

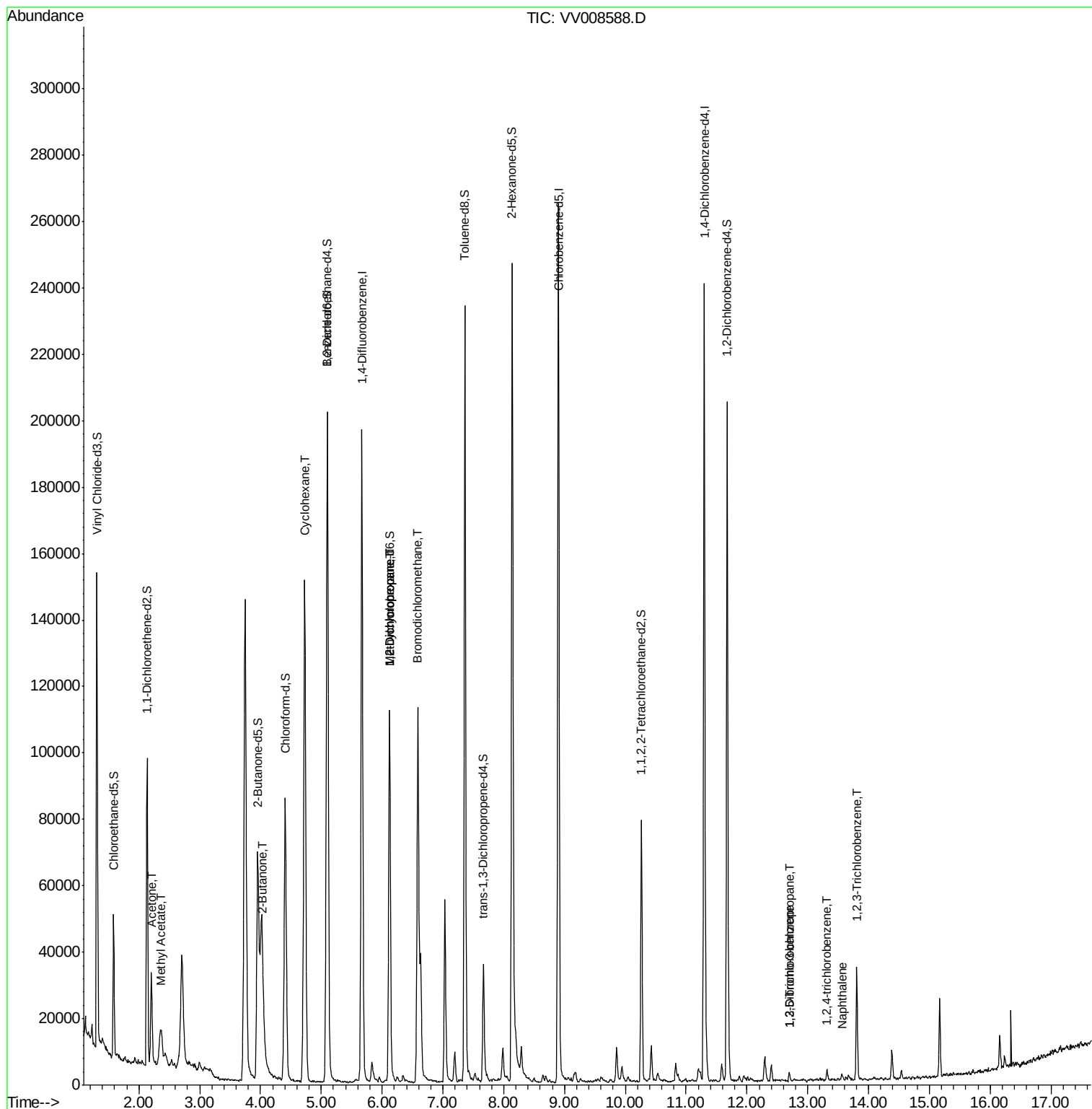
					Qvalue
13) Acetone	2.21	43	34051	25.134	ug/L 100
15) Methyl Acetate	2.35	43	1865	0.550	ug/L # 54
21) 2-Butanone	4.05	43	8191	2.700	ug/L 84
30) Cyclohexane	4.73	56	84612	4.134	ug/L 97
35) Methylcyclohexane	6.12	83	13061	0.631	ug/L # 17
37) 1,2-Dichloropropane	6.12	63	6213	0.511	ug/L # 89
38) Bromodichloromethane	6.58	83	1078	0.073	ug/L # 1
66) 1,2-Dibromo-3-chloropropan	12.69	75	153	0.120	ug/L # 11
67) 1,3,5-Trichlorobenzene	12.70	180	1003	0.066	ug/L # 90
68) 1,2,4-trichlorobenzene	13.32	180	1167	0.096	ug/L # 88
69) Naphthalene	13.57	128	2127	0.107	ug/L # 88
70) 1,2,3-Trichlorobenzene	13.80	180	879	0.078	ug/L 90

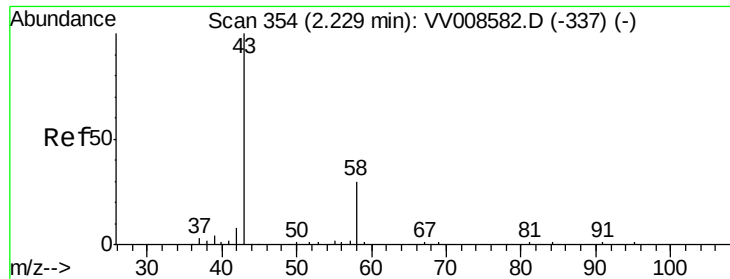
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 17 04:38:54 2018
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#13

Acetone

Concen: 25.134 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.02 min

Lab File: VV008588.D

Acq: 16 Nov 2018 18:19

Instrument :

MSVOA_V

ClientSampled :

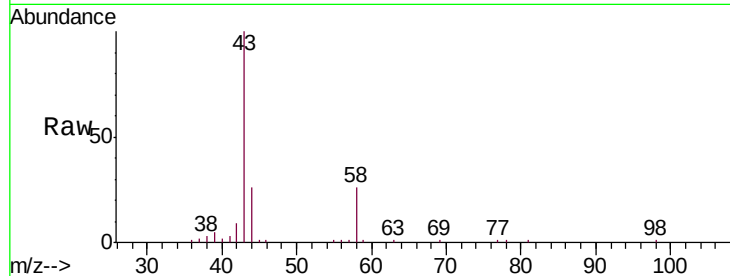
C0JF4

Tgt Ion: 43 Resp: 34051

Ion Ratio Lower Upper

43 100

58 28.0 0.0 56.4



Abundance Ion 43.05 (42.75 to 43.75): VV008588.D (-337) (-)

Ion 58.05 (57.75 to 58.75): VV008588.D (-337) (-)

20000

15000

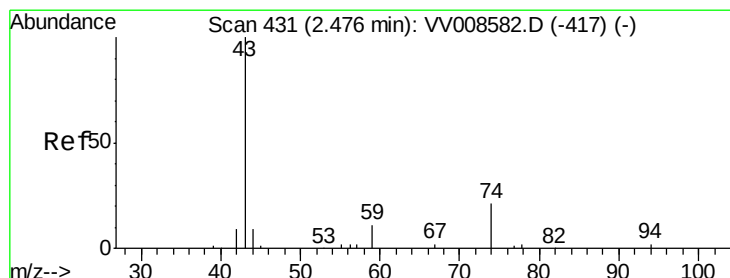
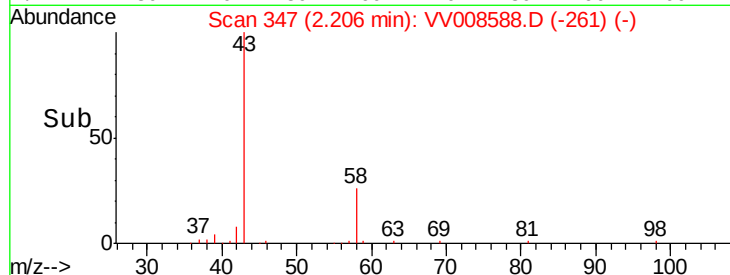
10000

5000

0

2.10 2.15 2.20 2.25 2.30

Time-->



#15

Methyl Acetate

Concen: 0.550 ug/L

RT: 2.35 min Scan# 392

Delta R.T. -0.13 min

Lab File: VV008588.D

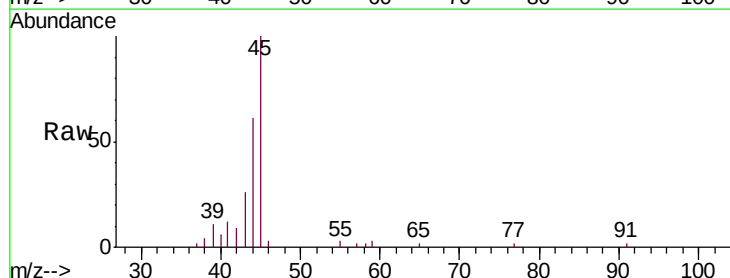
Acq: 16 Nov 2018 18:19

Tgt Ion: 43 Resp: 1865

Ion Ratio Lower Upper

43 100

74 0.0 17.6 26.4#



Abundance Ion 43.05 (42.75 to 43.75): VV008588.D (-337) (-)

Ion 74.05 (73.75 to 74.75): VV008588.D (-337) (-)

2000

1500

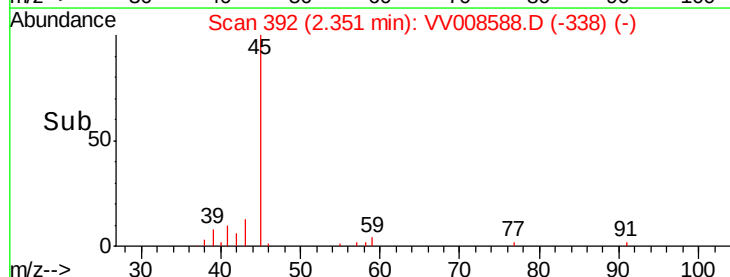
1000

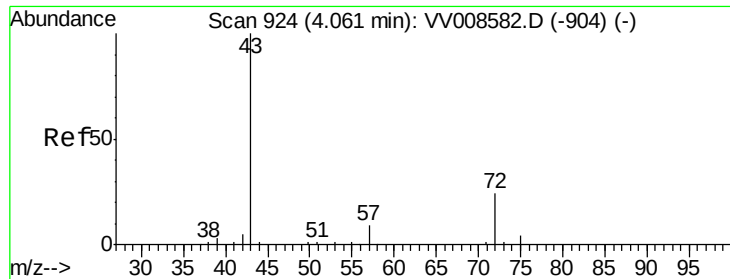
500

0

2.30 2.32 2.34 2.36

Time-->





#21

2-Butanone

Concen: 2.700 ug/L

RT: 4.05 min Scan# 919

Delta R.T. -0.02 min

Lab File: VV008588.D

Acq: 16 Nov 2018 18:19

Instrument :

MSVOA_V

ClientSampleId :

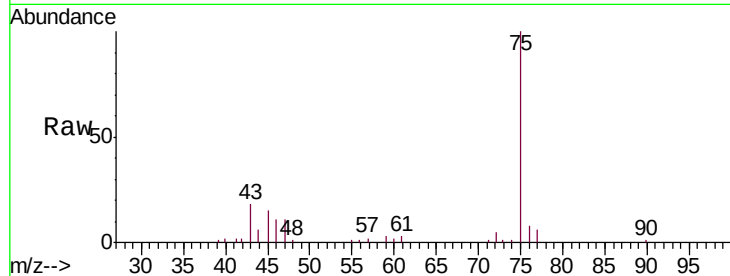
C0JF4

Tgt Ion: 43 Resp: 8191

Ion Ratio Lower Upper

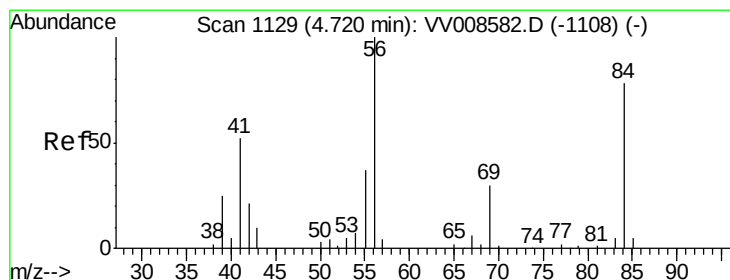
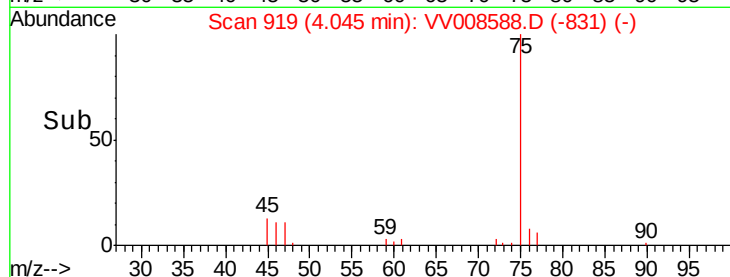
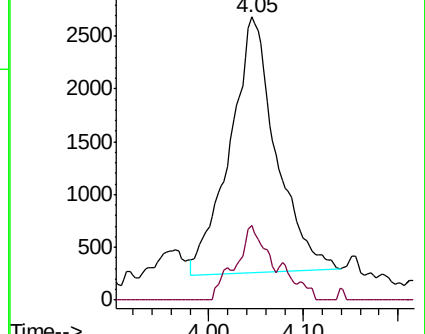
43 100

72 16.6 12.3 36.9



Abundance Ion 43.05 (42.75 to 43.75): VV008588.D (-904) (-)

Ion 72.10 (71.80 to 72.80): VV008588.D (-904) (-)



#30

Cyclohexane

Concen: 4.134 ug/L

RT: 4.73 min Scan# 1131

Delta R.T. 0.01 min

Lab File: VV008588.D

Acq: 16 Nov 2018 18:19

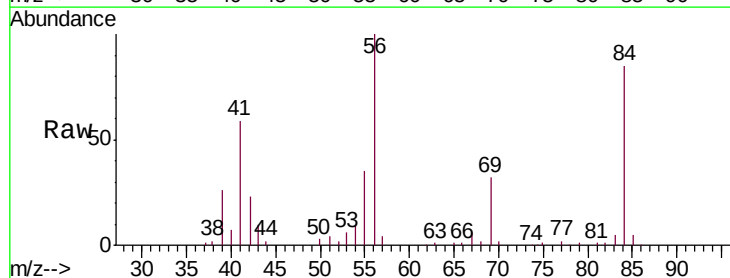
Tgt Ion: 56 Resp: 84612

Ion Ratio Lower Upper

56 100

69 31.1 24.2 36.4

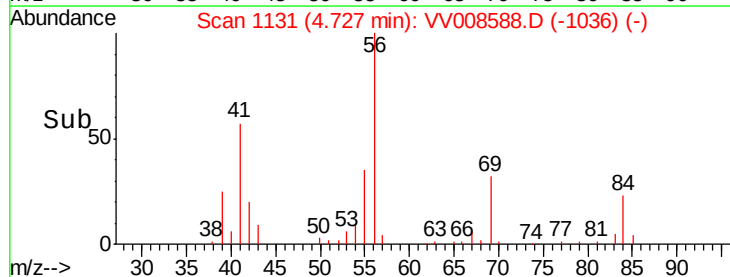
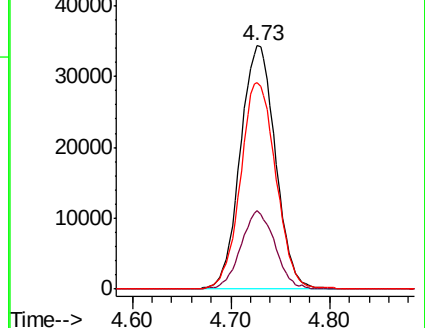
84 85.2 65.7 98.5

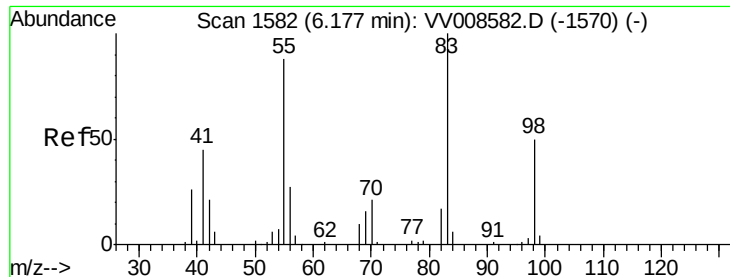


Abundance Ion 56.10 (55.80 to 56.80): VV008588.D (-1108) (-)

Ion 69.15 (68.85 to 69.85): VV008588.D (-1108) (-)

Ion 84.15 (83.85 to 84.85): VV008588.D (-1108) (-)

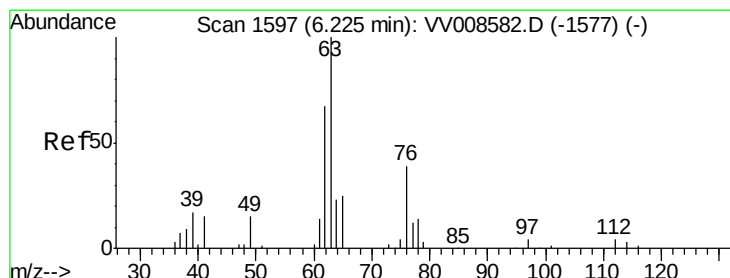
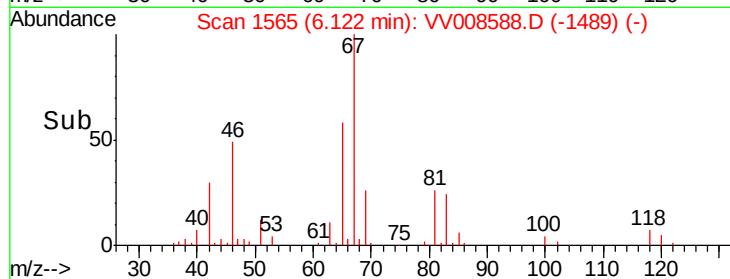
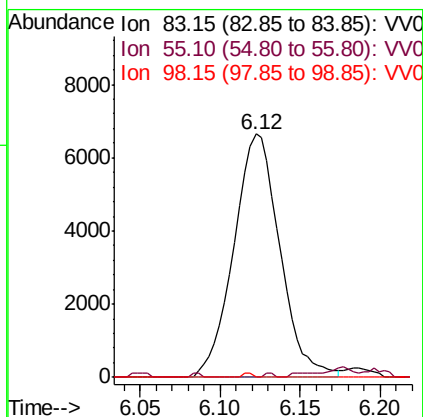
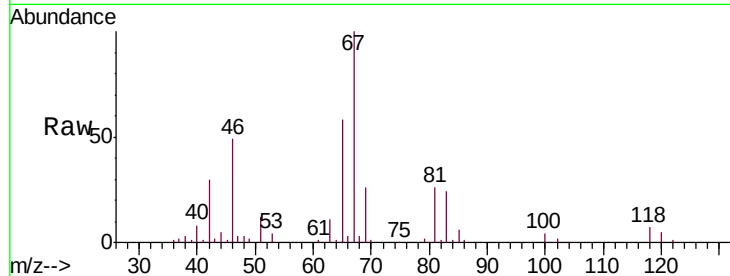




#35
Methylcyclohexane
Concen: 0.631 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008588.D
Acq: 16 Nov 2018 18:19

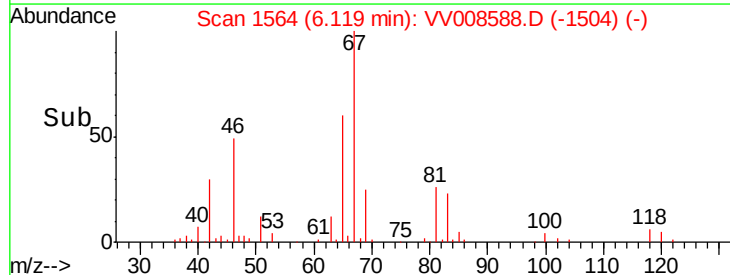
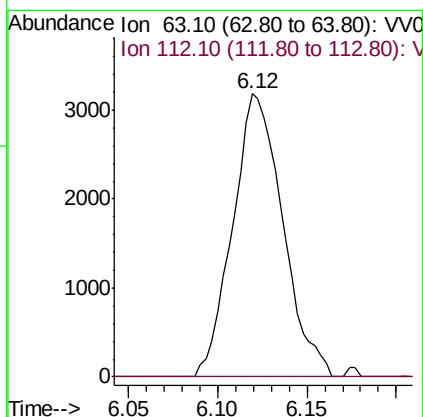
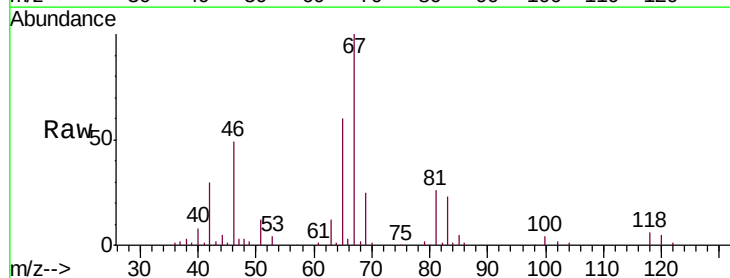
Instrument :
MSVOA_V
ClientSampleId :
C0JF4

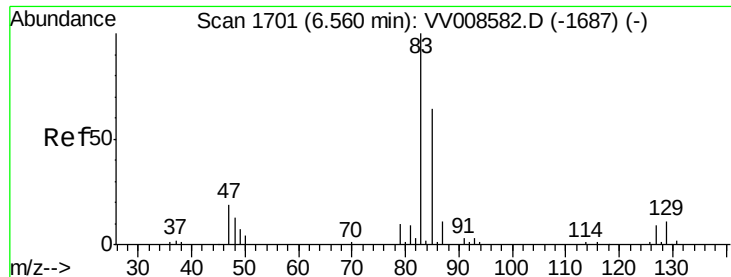
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.3	65.6	98.4#
98	0.4	36.4	54.6#



#37
1,2-Dichloropropane
Concen: 0.511 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.11 min
Lab File: VV008588.D
Acq: 16 Nov 2018 18:19

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.8	4.2#





#38

Bromodichloromethane

Concen: 0.073 ug/L

RT: 6.58 min Scan# 1708

Delta R.T. 0.02 min

Lab File: VV008588.D

Acq: 16 Nov 2018 18:19

Instrument :

MSVOA_V

ClientSampleId :

C0JF4

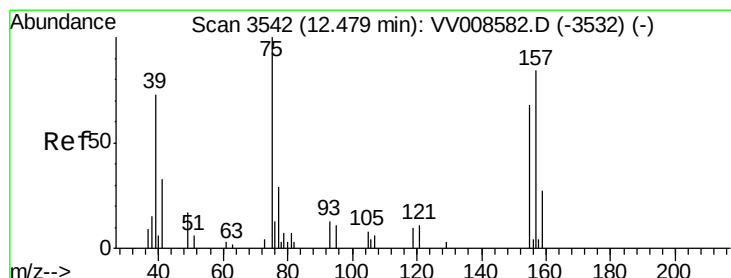
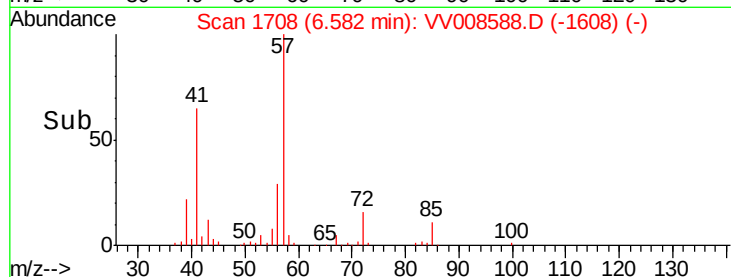
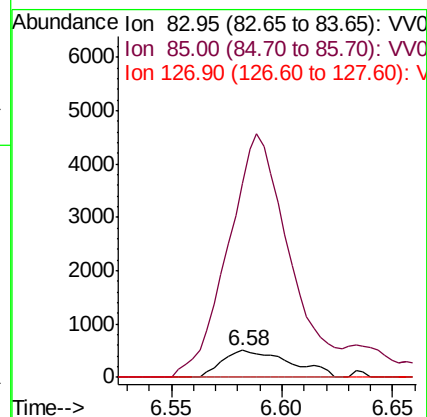
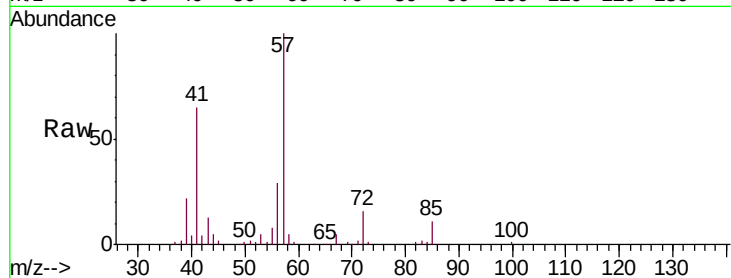
Tgt Ion: 83 Resp: 1078

Ion Ratio Lower Upper

83 100

85 723.4 44.9 83.5#

127 0.0 6.9 10.3#



#66

1,2-Dibromo-3-chloropropane

Concen: 0.120 ug/L

RT: 12.69 min Scan# 3608

Delta R.T. 0.21 min

Lab File: VV008588.D

Acq: 16 Nov 2018 18:19

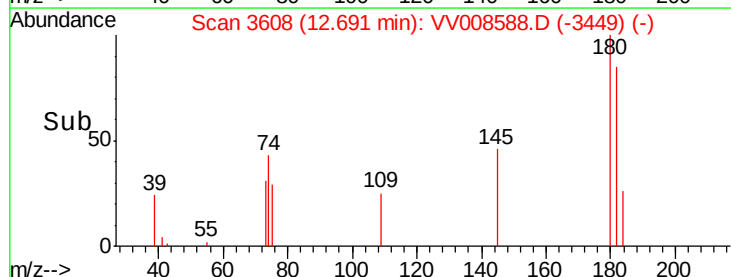
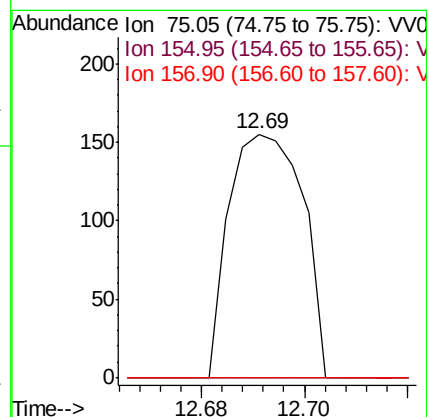
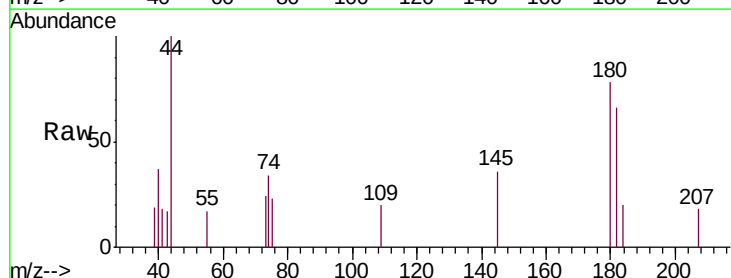
Tgt Ion: 75 Resp: 153

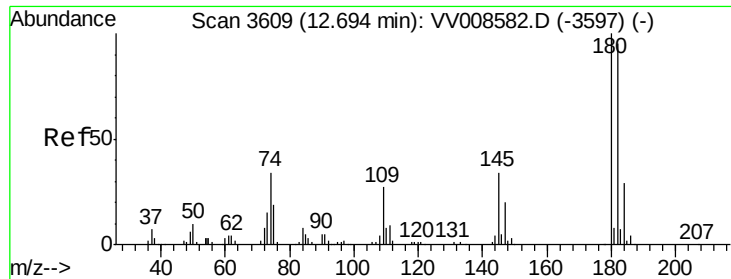
Ion Ratio Lower Upper

75 100

155 0.0 54.2 81.2#

157 0.0 67.4 101.2#

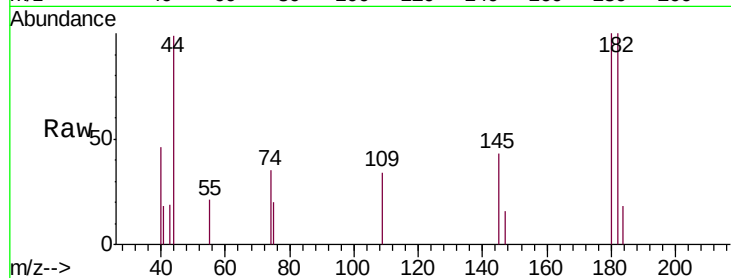




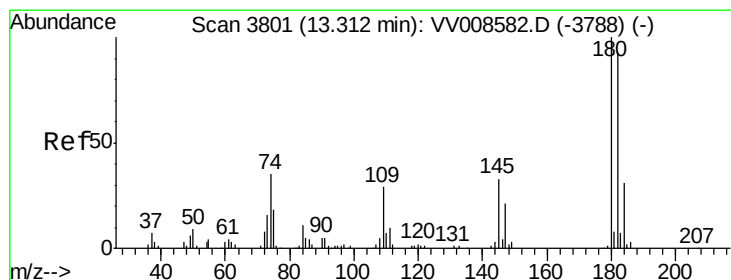
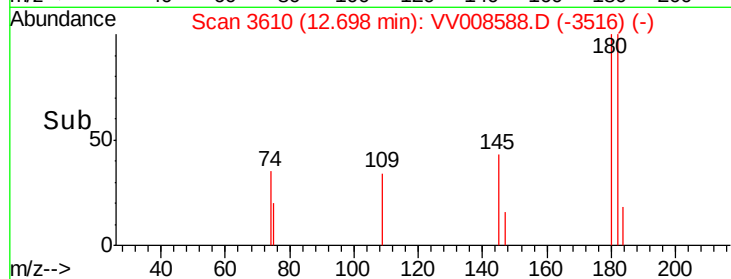
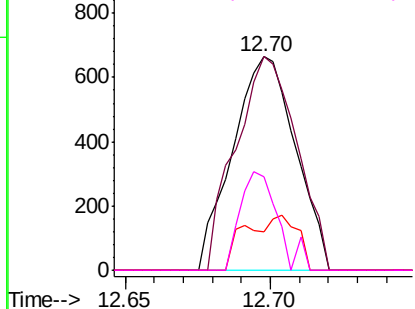
#67
 1,3,5-Trichlorobenzene
 Concen: 0.066 ug/L
 RT: 12.70 min Scan# 3610
 Delta R.T. 0.00 min
 Lab File: VV008588.D
 Acq: 16 Nov 2018 18:19

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JF4

Tgt Ion:180 Resp: 1003
 Ion Ratio Lower Upper
 180 100
 182 96.9 75.9 113.9
 184 9.8 23.9 35.9#
 145 27.5 26.8 40.2

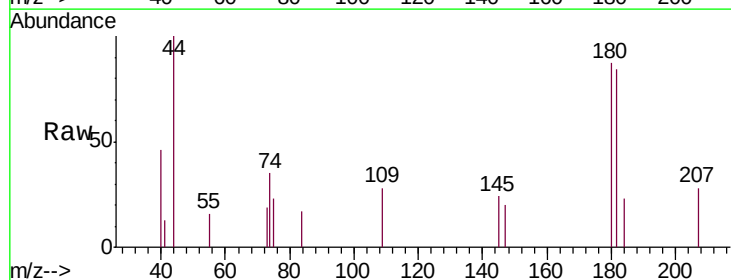


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

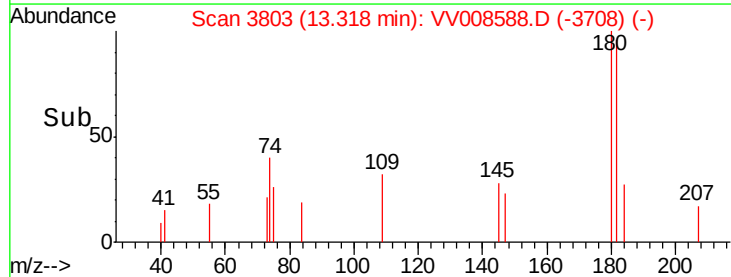
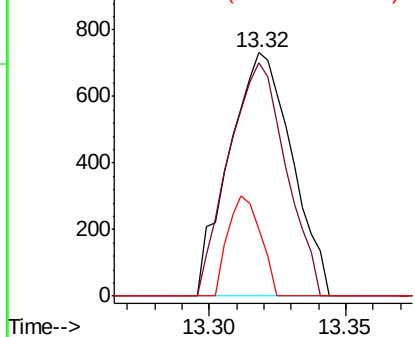


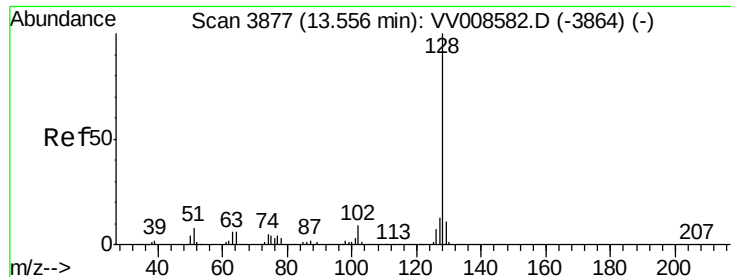
#68
 1,2,4-trichlorobenzene
 Concen: 0.096 ug/L
 RT: 13.32 min Scan# 3803
 Delta R.T. 0.01 min
 Lab File: VV008588.D
 Acq: 16 Nov 2018 18:19

Tgt Ion:180 Resp: 1167
 Ion Ratio Lower Upper
 180 100
 182 87.6 76.4 114.6
 145 21.6 27.1 40.7#



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V





#69

Naphthalene

Concen: 0.107 ug/L

RT: 13.57 min Scan# 3880

Delta R.T. 0.01 min

Lab File: VV008588.D

Acq: 16 Nov 2018 18:19

Instrument :

MSVOA_V

ClientSampled :

C0JF4

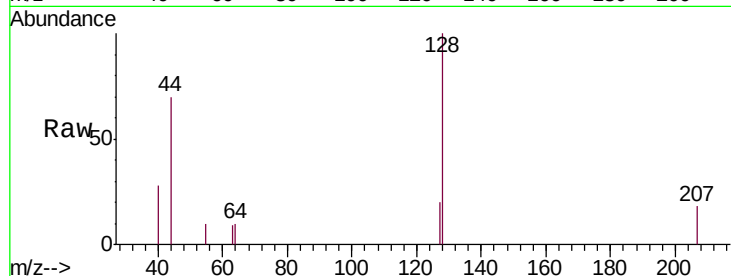
Tgt Ion:128 Resp: 2127

Ion Ratio Lower Upper

128 100

129 2.0 8.8 13.2#

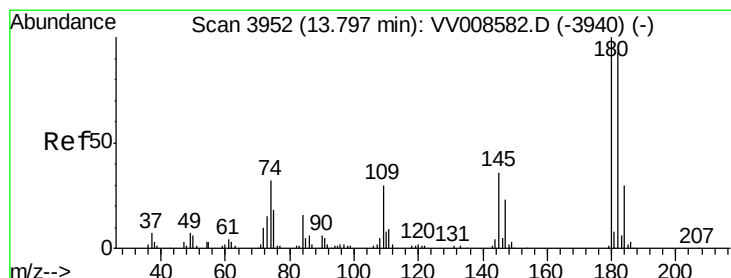
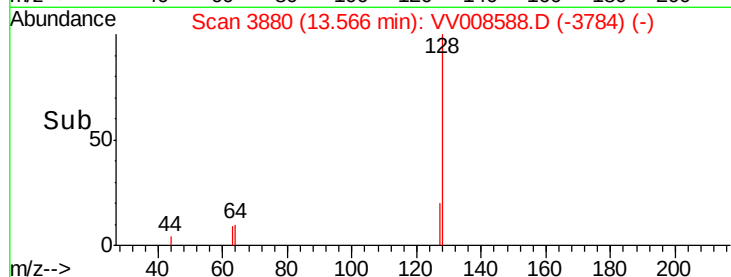
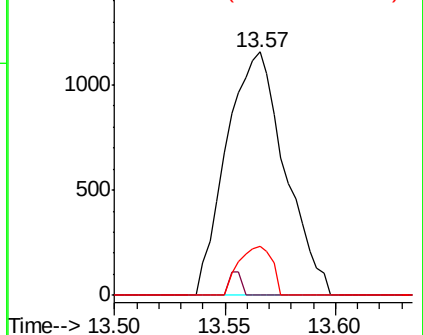
127 11.6 10.0 15.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 0.078 ug/L

RT: 13.80 min Scan# 3952

Delta R.T. -0.00 min

Lab File: VV008588.D

Acq: 16 Nov 2018 18:19

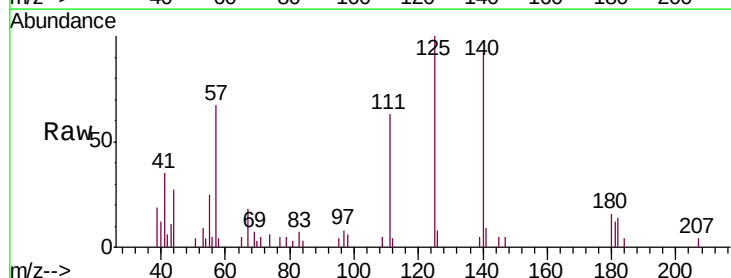
Tgt Ion:180 Resp: 879

Ion Ratio Lower Upper

180 100

182 85.1 76.0 114.0

145 28.8 28.2 42.2



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

