

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100918\
 Data File : VV008205.D
 Acq On : 09 Oct 2018 17:47
 Operator : SY/MD
 Sample : J5281-21
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Oct 10 03:13:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 10 03:08:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	99465	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	97965	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	45683	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28147	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.59	69	23266	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.14	63	41160	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	3.96	46	81337	55.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.74%
24) Chloroform-d	4.41	84	60594	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.09	65	30912	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.10	84	118466	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.12	67	37312	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.36	98	104106	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	7.67	79	12452	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.14	63	51609	46.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.70%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	26184	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	43570	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

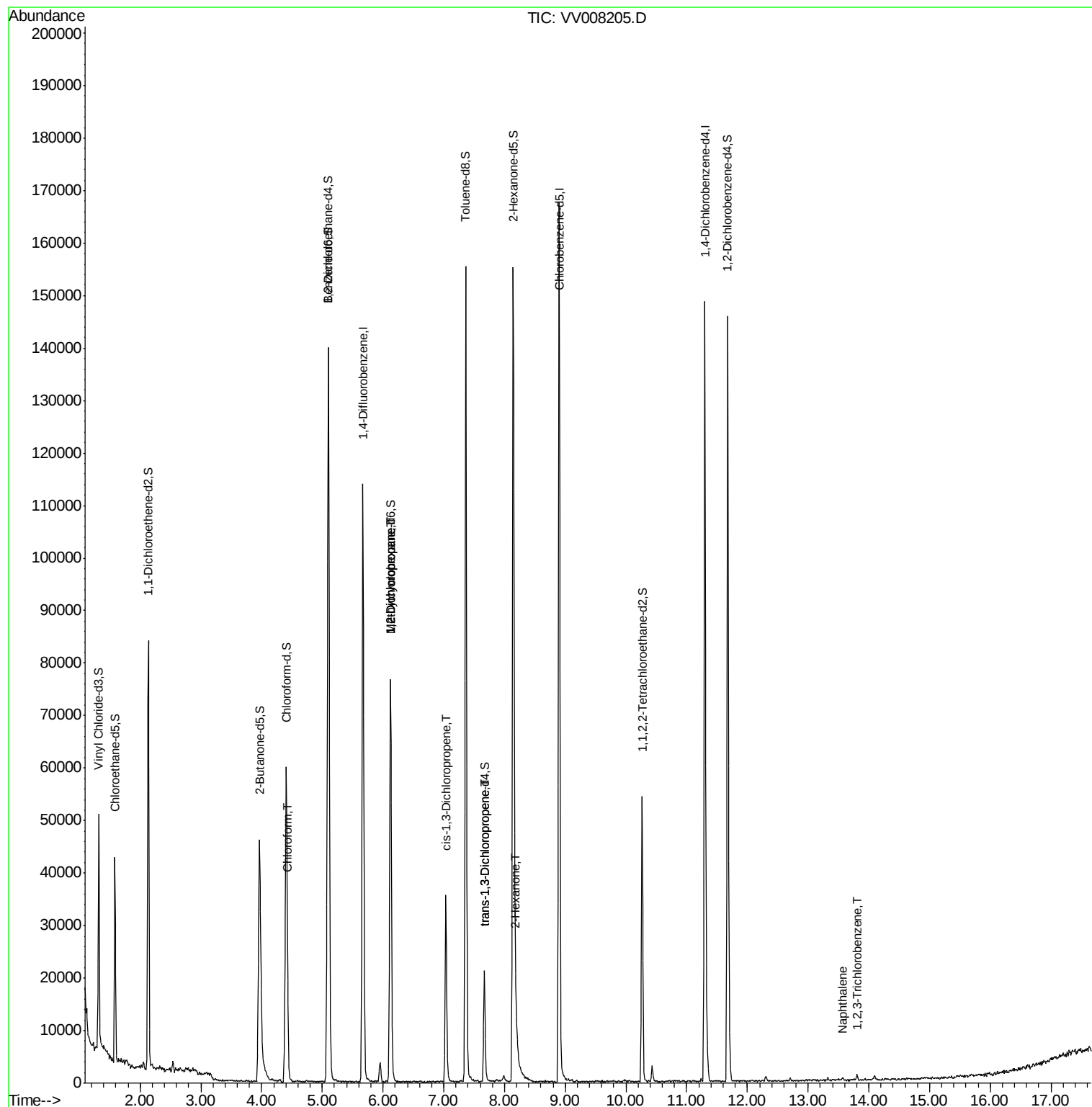
					Ovalue
25) Chloroform	4.43	83	1202	0.100 ug/L	77
35) Methylcyclohexane	6.13	83	9096	0.903 ug/L #	18
37) 1,2-Dichloropropane	6.13	63	3977	0.596 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	784	0.092 ug/L #	73
44) trans-1,3-Dichloropropene	7.67	75	602	0.087 ug/L	100
48) 2-Hexanone	8.19	43	3663	1.427 ug/L #	95
69) Naphthalene	13.56	128	697	0.063 ug/L #	70
70) 1,2,3-Trichlorobenzene	13.80	180	450	0.055 ug/L #	85

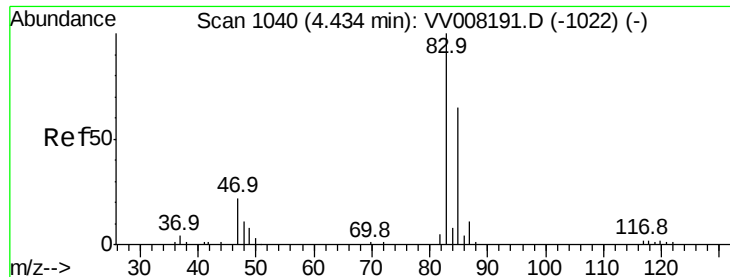
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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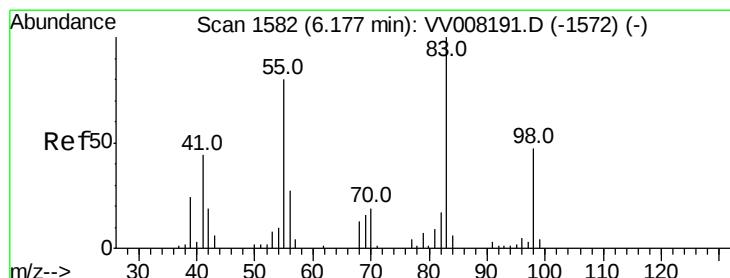
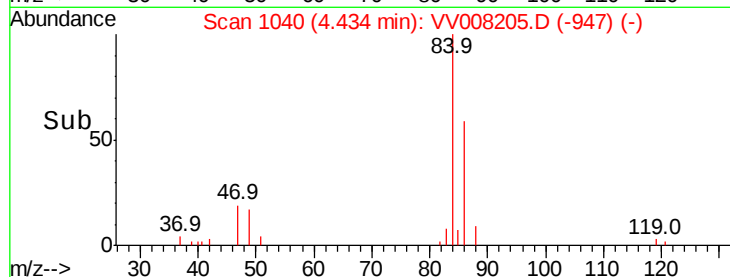
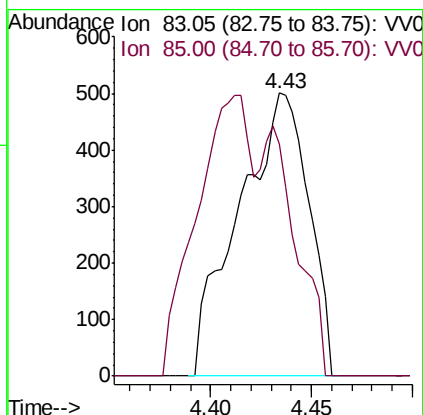
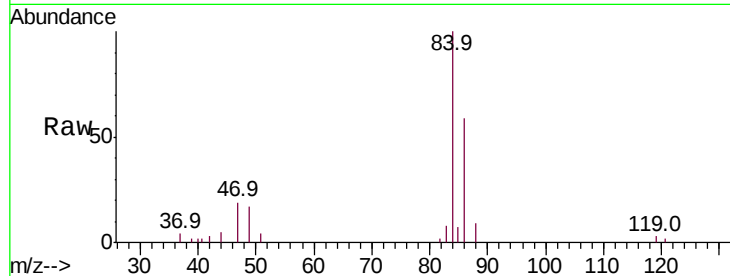




#25
Chloroform
Concen: 0.100 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VV008205.D
Acq: 09 Oct 2018 17:47

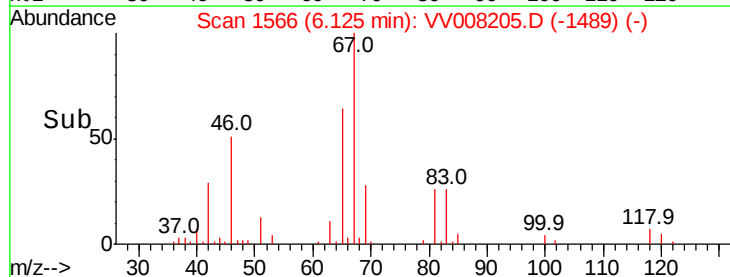
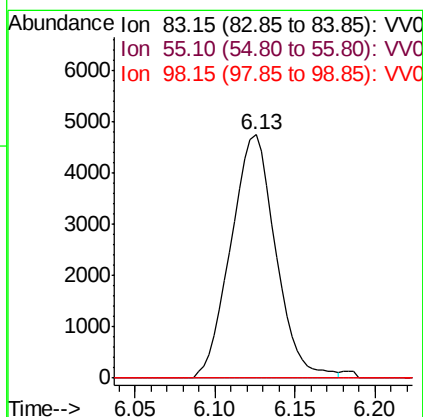
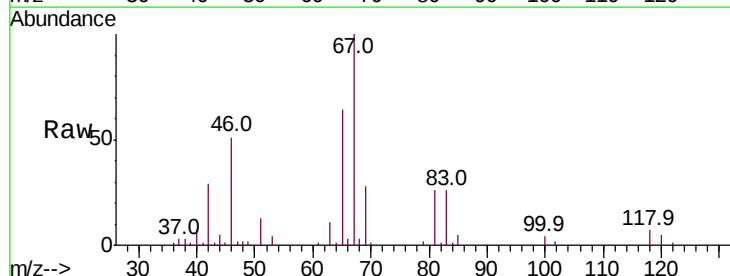
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

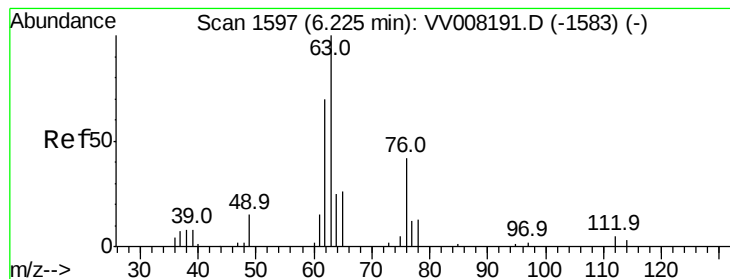
Tot Ion: 83 Resp: 1202
Ion Ratio Lower Upper
83 100
85 82.0 44.6 82.8



#35
Methylcyclohexane
Concen: 0.903 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV008205.D
Acq: 09 Oct 2018 17:47

Tgt Ion: 83 Resp: 9096
Ion Ratio Lower Upper
83 100
55 0.0 63.6 95.4#
98 1.8 38.3 57.5#





#37

1,2-Dichloropropane

Concen: 0.596 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV008205.D

Acq: 09 Oct 2018 17:47

Instrument :

MSVOA_V

ClientSampleId :

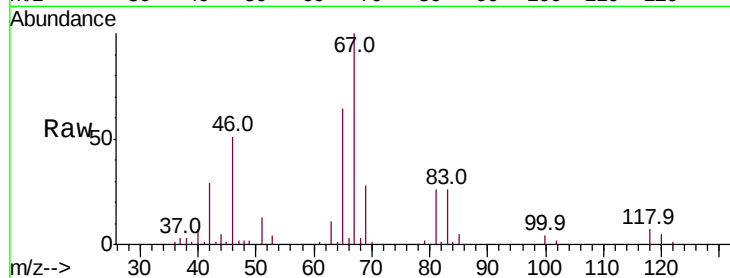
VHBLK01

Tot Ion: 63 Resp: 3977

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV008191.D (-1583) (-)

Ion 112.10 (111.80 to 112.80): VV008191.D (-1583) (-)

6.13

2000

1500

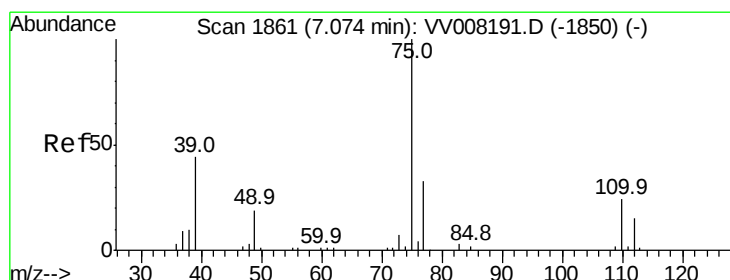
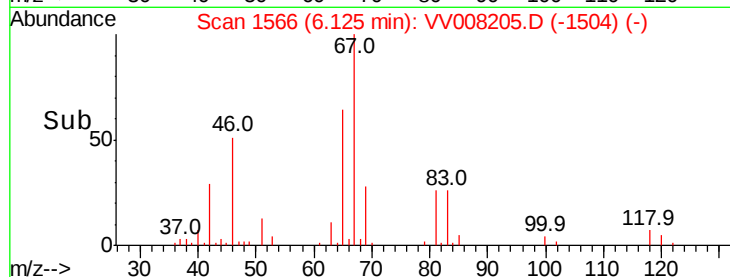
1000

500

0

6.05 6.10 6.15

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008205.D

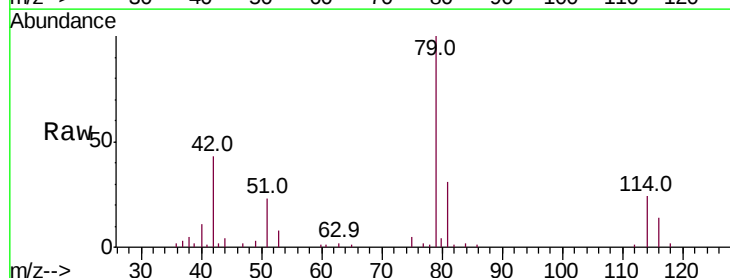
Acq: 09 Oct 2018 17:47

Tgt Ion: 75 Resp: 784

Ion Ratio Lower Upper

75 100

77 46.6 22.1 41.1#



Abundance Ion 75.05 (74.75 to 75.75): VV008191.D (-1850) (-)

Ion 77.05 (76.75 to 77.75): VV008191.D (-1850) (-)

7.03

600

500

400

300

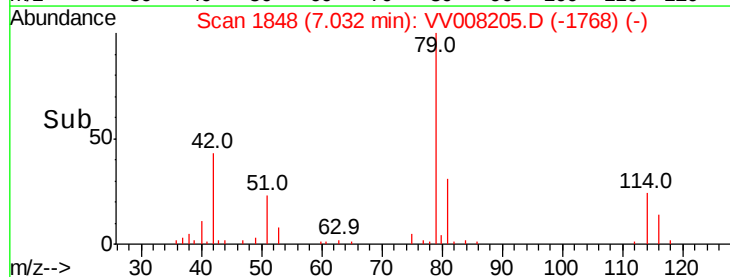
200

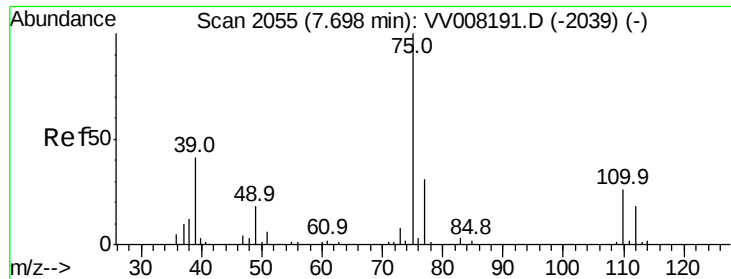
100

0

7.00 7.02 7.04 7.06

Time-->





#44

trans-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV008205.D

Acq: 09 Oct 2018 17:47

Instrument :

MSVOA_V

ClientSampleId :

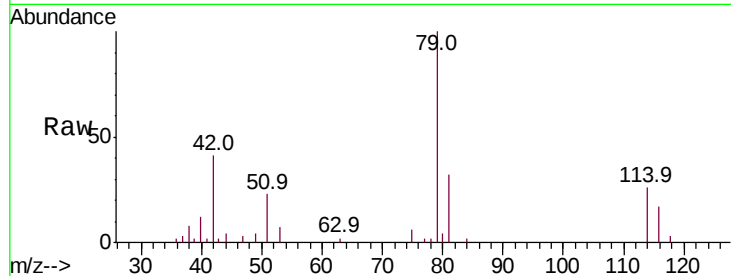
VHBLK01

Tot Ion: 75 Resp: 602

Ion Ratio Lower Upper

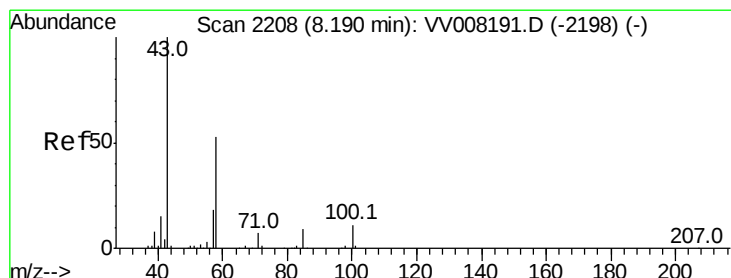
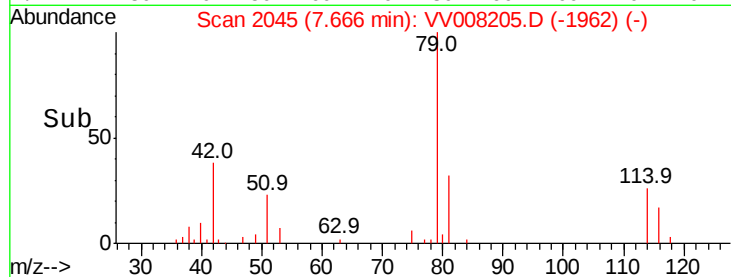
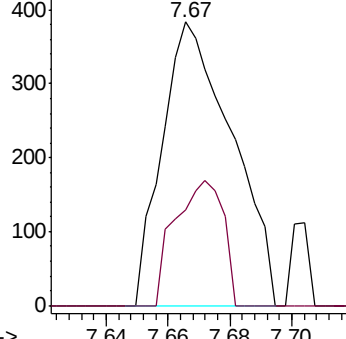
75 100

77 33.7 23.4 43.6



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 1.427 ug/L

RT: 8.19 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VV008205.D

Acq: 09 Oct 2018 17:47

Tgt Ion: 43 Resp: 3663

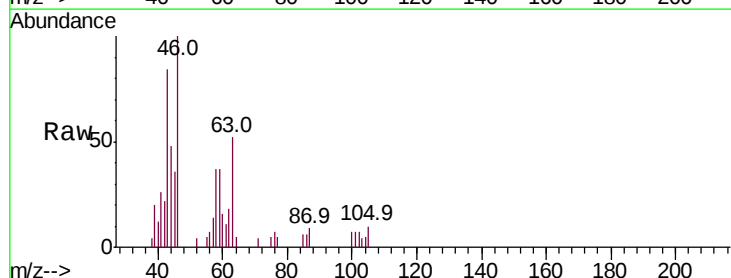
Ion Ratio Lower Upper

43 100

58 53.0 40.5 60.7

57 18.5 14.6 22.0

100 4.9 9.3 13.9#

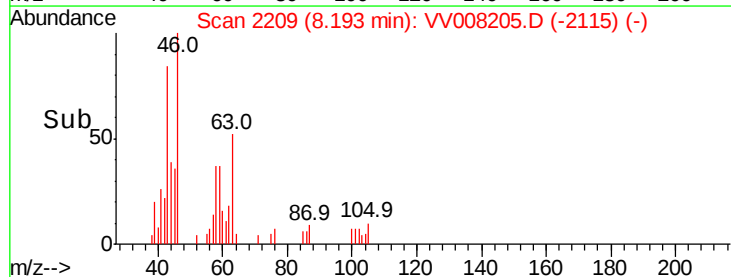
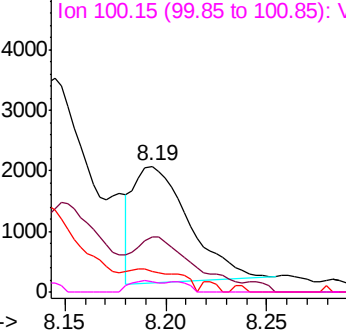


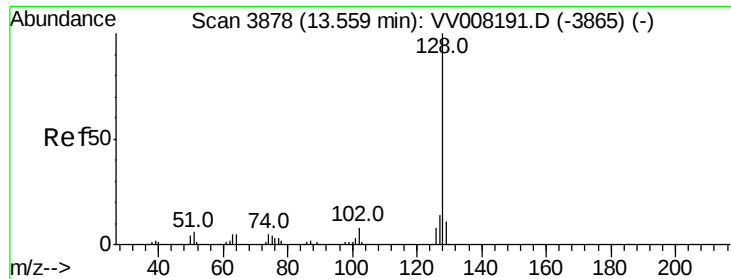
Abundance Ion 43.05 (42.75 to 43.75): VV0

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





#69

Naphthalene

Concen: 0.063 ug/L

RT: 13.56 min Scan# 3879

Delta R.T. 0.00 min

Lab File: VV008205.D

Acq: 09 Oct 2018 17:47

Instrument :

MSVOA_V

ClientSampled :

VHBLK01

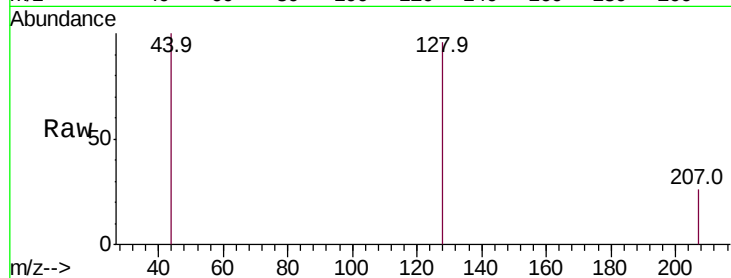
Tot Ion:128 Resp: 697

Ion Ratio Lower Upper

128 100

129 0.0 8.5 12.7#

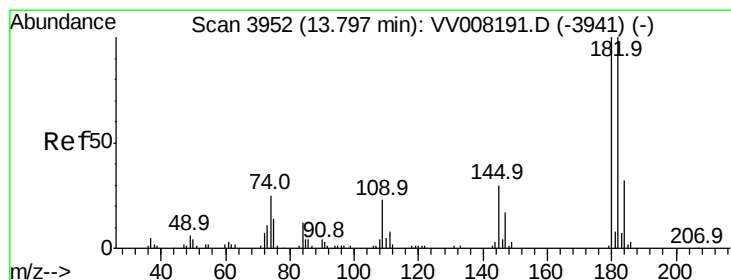
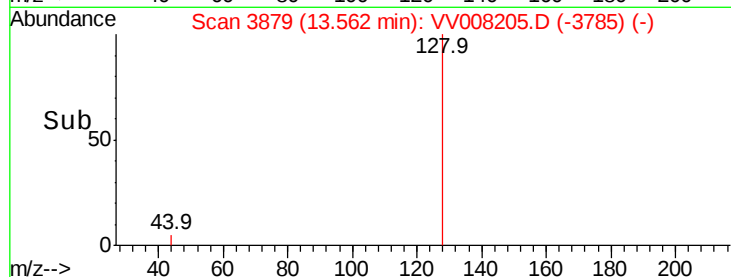
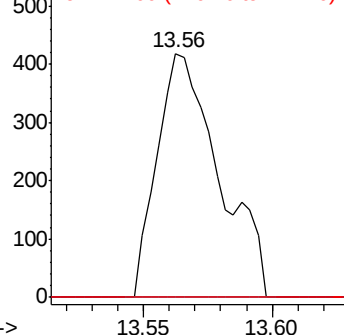
127 0.0 10.2 15.2#



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: 0.055 ug/L

RT: 13.80 min Scan# 3954

Delta R.T. 0.01 min

Lab File: VV008205.D

Acq: 09 Oct 2018 17:47

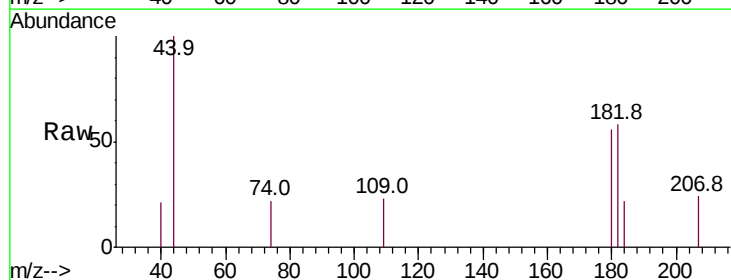
Tgt Ion:180 Resp: 450

Ion Ratio Lower Upper

180 100

182 86.0 75.1 112.7

145 9.1 23.2 34.8#



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

