

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092718\
 Data File : VV007898.D
 Acq On : 27 Sep 2018 10:14
 Operator : SY/MD
 Sample : VV0927WBL01
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 28 00:43:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 28 00:42:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	100566	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	94610	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	48453	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25500	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.59	69	22526	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.13	63	40813	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	3.98	46	71971	44.38	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.76%
24) Chloroform-d	4.41	84	55701	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.09	65	31043	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.10	84	109532	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.12	67	34544	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.36	98	107732	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	7.67	79	12407	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.14	63	54412	44.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.42%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	24709	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	44166	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

Target Compounds

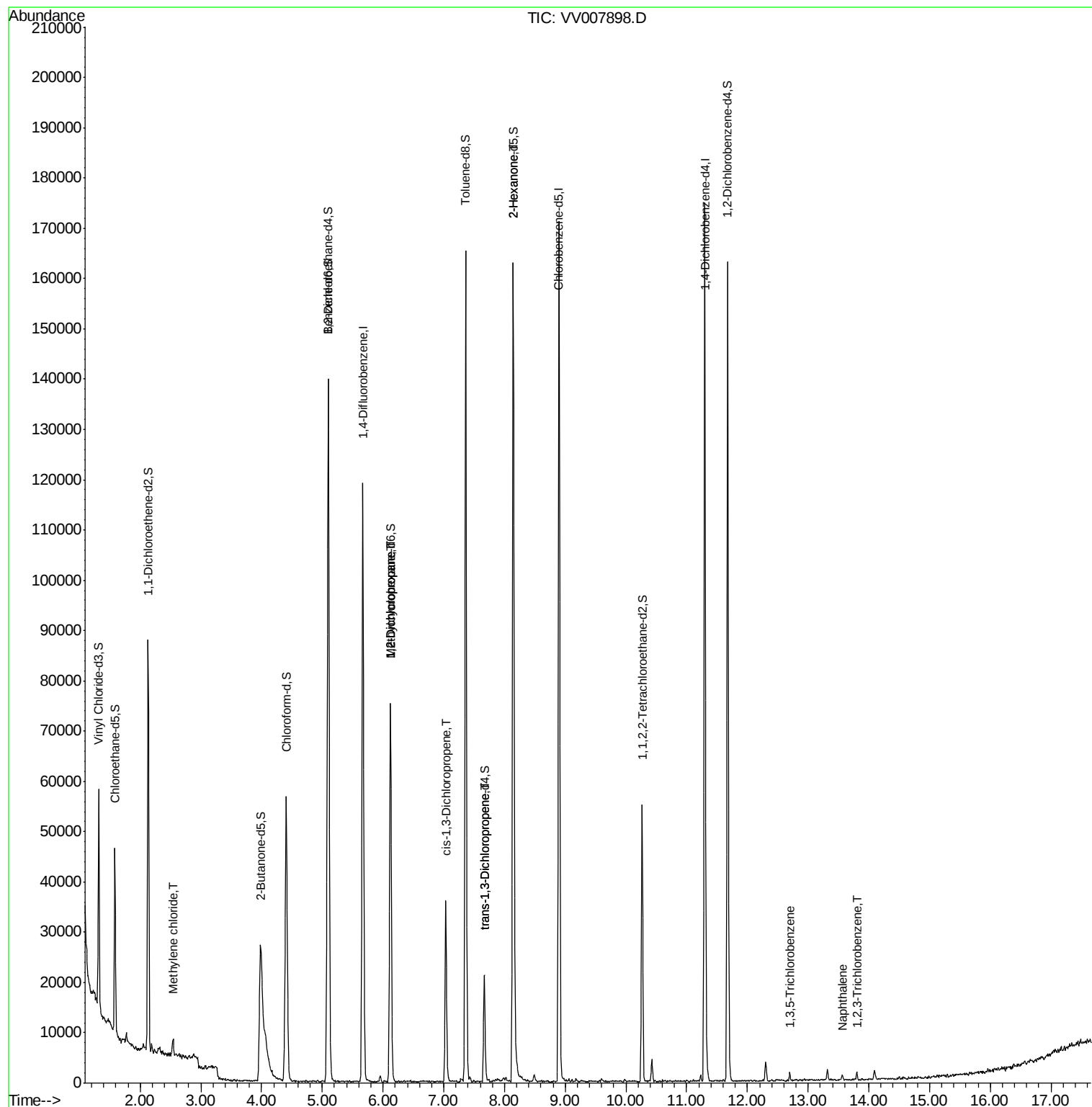
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	2.53	84	1380	0.187	ug/L	85
35) Methylcyclohexane	6.12	83	8614	0.741	ug/L #	19
37) 1,2-Dichloropropane	6.13	63	3956	0.572	ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	914	0.099	ug/L #	56
44) trans-1,3-Dichloropropene	7.67	75	815	0.106	ug/L	83
48) 2-Hexanone	8.14	43	8485	2.808	ug/L #	73
67) 1,3,5-Trichlorobenzene	12.70	180	755	0.055	ug/L #	94
69) Naphthalene	13.56	128	1108	0.068	ug/L #	71
70) 1,2,3-Trichlorobenzene	13.80	180	676	0.064	ug/L	91

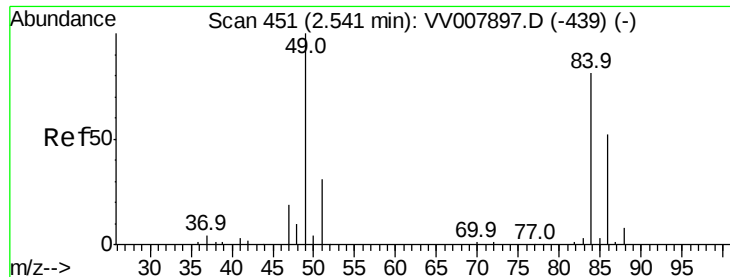
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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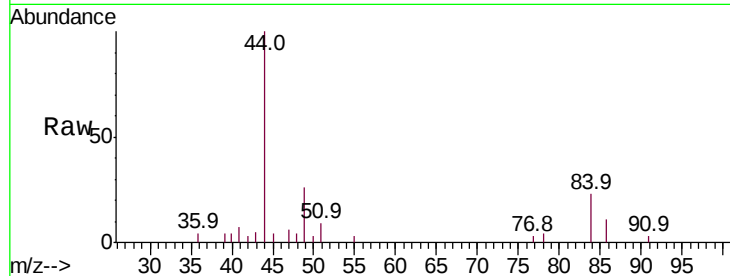




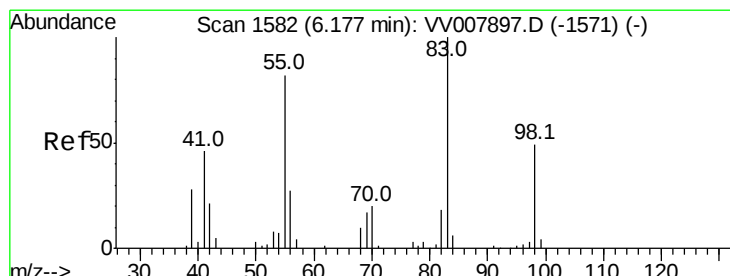
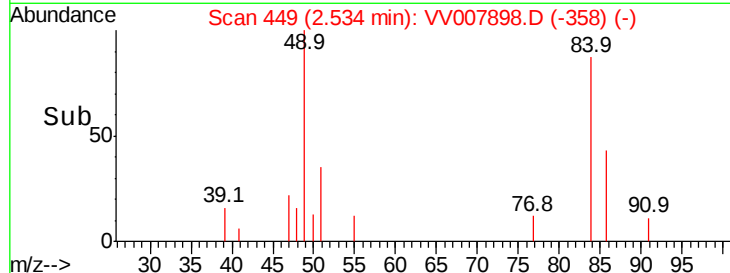
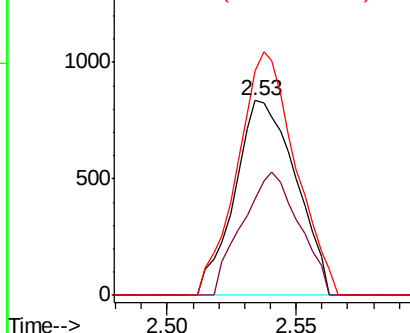
#16
Methvlene chloride
Concen: 0.187 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.01 min
Lab File: VV007898.D
Acq: 27 Sep 2018 10:14

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 84 Resp: 1380
Ion Ratio Lower Upper
84 100
86 49.5 47.3 87.8
49 115.4 90.0 167.2

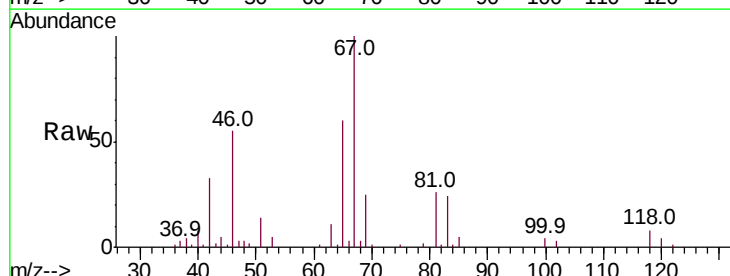


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

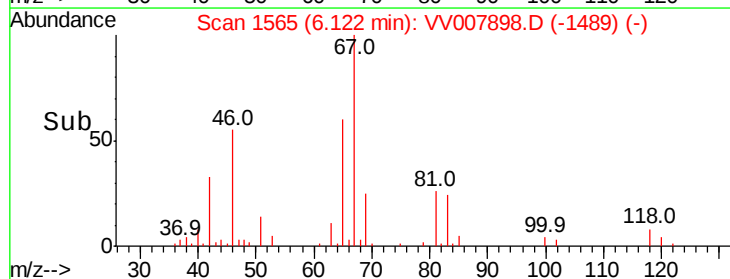
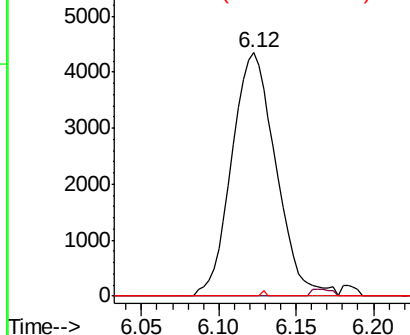


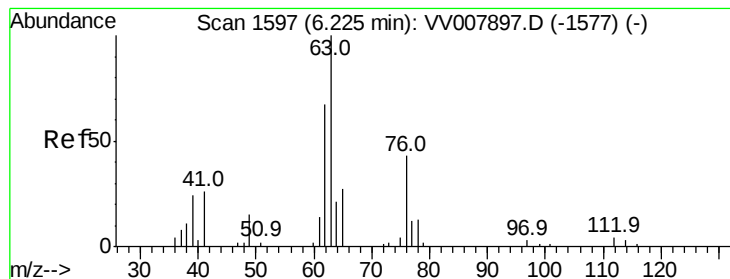
#35
Methylcyclohexane
Concen: 0.741 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV007898.D
Acq: 27 Sep 2018 10:14

Tgt Ion: 83 Resp: 8614
Ion Ratio Lower Upper
83 100
55 1.2 62.2 93.2#
98 0.2 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: 0.572 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV007898.D

Acq: 27 Sep 2018 10:14

Instrument :

MSVOA_V

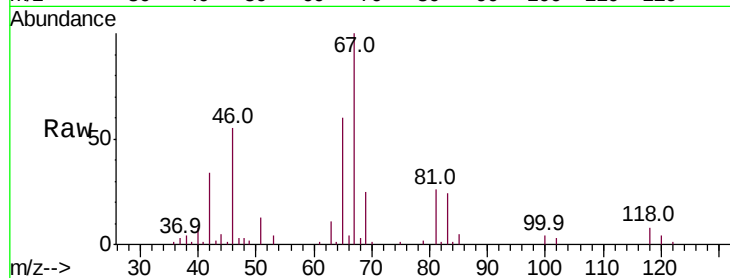
ClientSampleId :

Tot Ion: 63 Resp: 3956

Ion Ratio Lower Upper

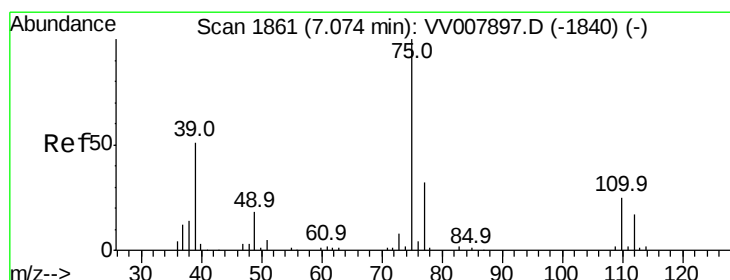
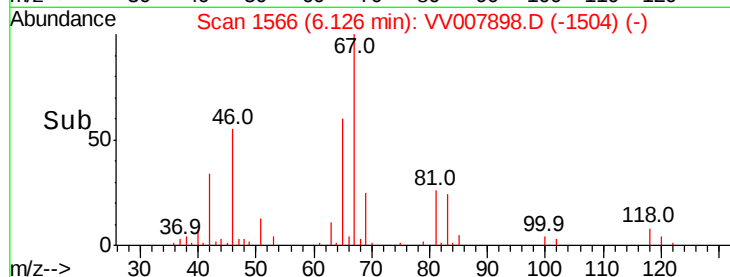
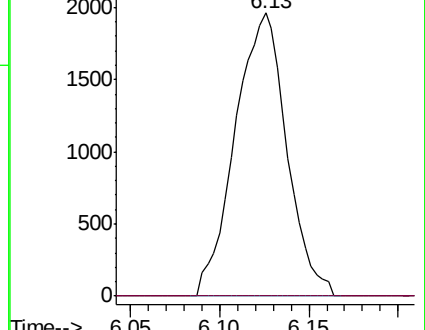
63 100

112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV007897.D (-1577) (-)

Ion 112.10 (111.80 to 112.80): VV007897.D (-1577) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV007898.D

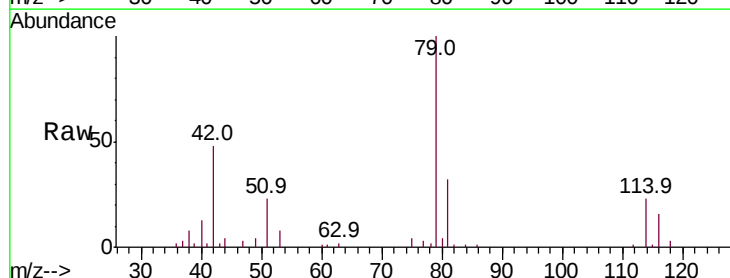
Acq: 27 Sep 2018 10:14

Tgt Ion: 75 Resp: 914

Ion Ratio Lower Upper

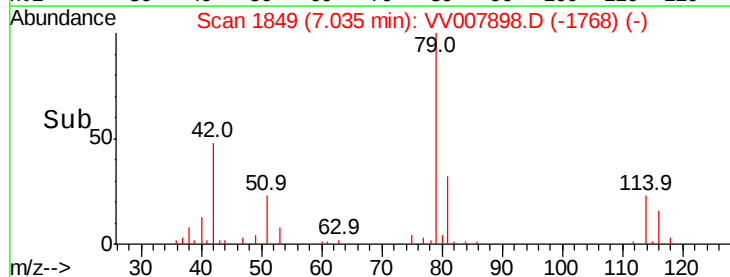
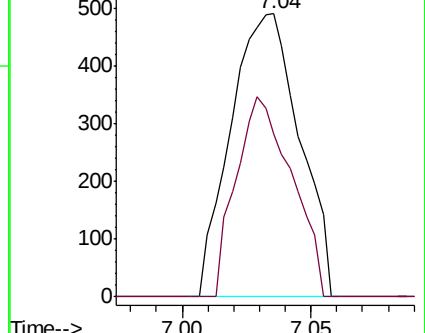
75 100

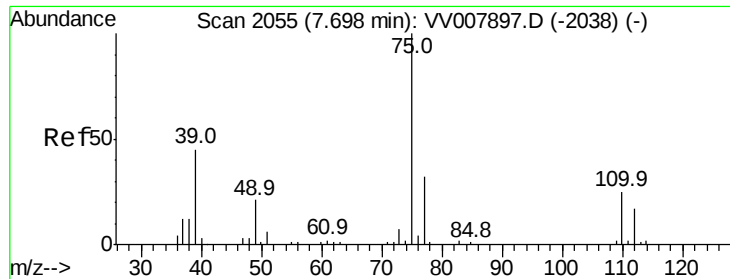
77 57.4 22.9 42.5#



Abundance Ion 75.05 (74.75 to 75.75): VV007897.D (-1840) (-)

Ion 77.05 (76.75 to 77.75): VV007897.D (-1840) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.106 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV007898.D

Acq: 27 Sep 2018 10:14

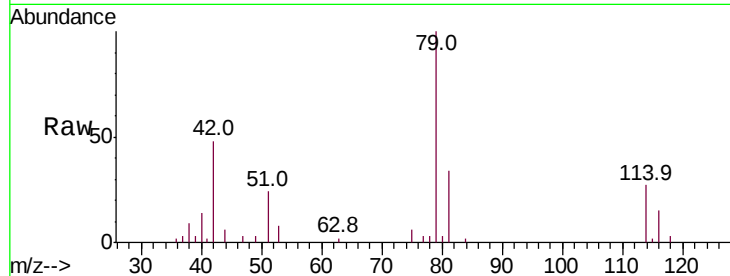
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 815

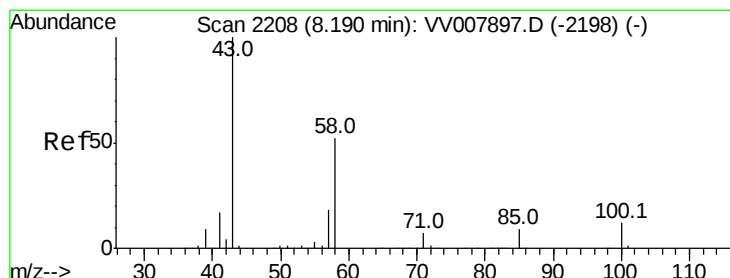
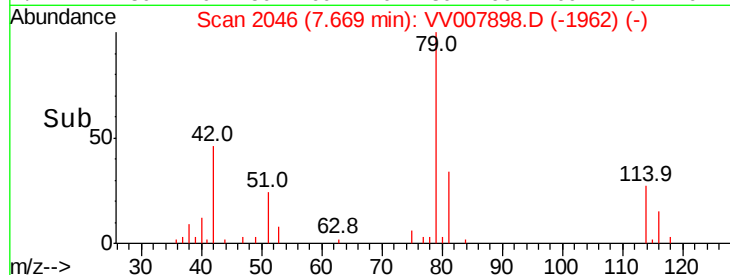
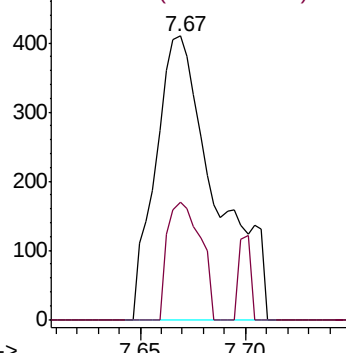
Ion Ratio Lower Upper

75 100

77 41.2 22.3 41.5



Abundance Ion 75.05 (74.75 to 75.75): VV007897.D (-2038) (-)



#48

2-Hexanone

Concen: 2.808 ug/L

RT: 8.14 min Scan# 2194

Delta R.T. -0.05 min

Lab File: VV007898.D

Acq: 27 Sep 2018 10:14

Tgt Ion: 43 Resp: 8485

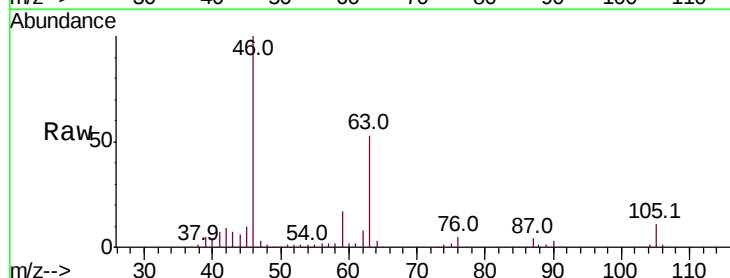
Ion Ratio Lower Upper

43 100

58 31.9 41.9 62.9#

57 27.3 14.3 21.5#

100 0.2 9.2 13.8#

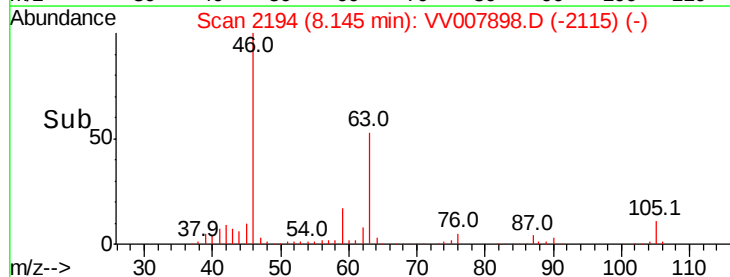
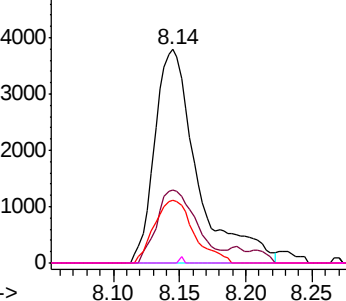


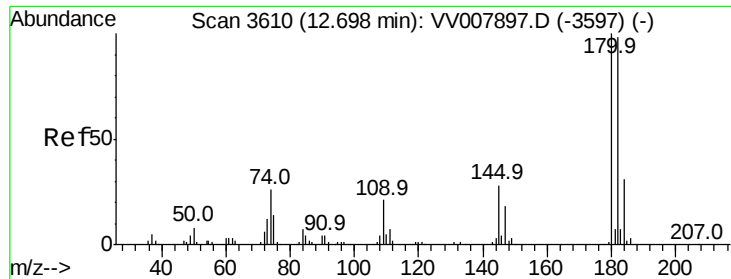
Abundance Ion 43.05 (42.75 to 43.75): VV007897.D (-2198) (-)

Ion 58.05 (57.75 to 58.75): VV007897.D (-2198) (-)

Ion 57.20 (56.90 to 57.90): VV007897.D (-2198) (-)

Ion 100.15 (99.85 to 100.85): VV007897.D (-2198) (-)





#67

1,3,5-Trichlorobenzene

Concen: 0.055 ug/L

RT: 12.70 min Scan# 3610

Delta R.T. -0.00 min

Lab File: VV007898.D

Acq: 27 Sep 2018 10:14

Instrument :

MSVOA_V

ClientSampled :

Tot Ion:180 Resp: 755

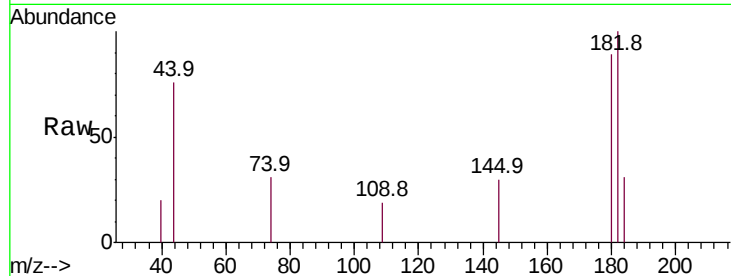
Ion Ratio Lower Upper

180 100

182 94.6 76.2 114.4

184 29.3 24.5 36.7

145 14.6 22.2 33.4#

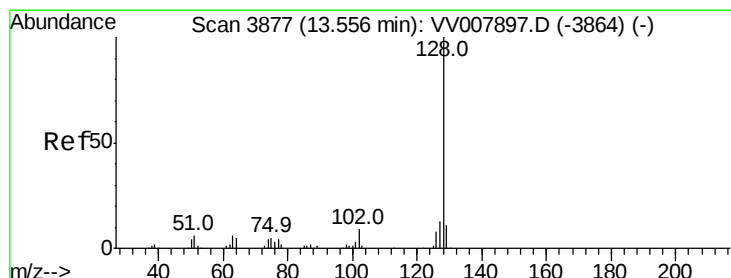
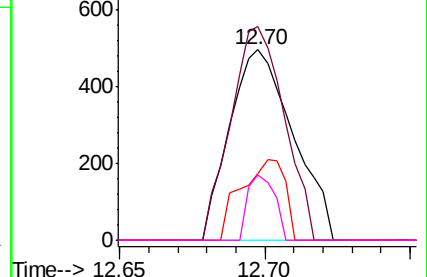
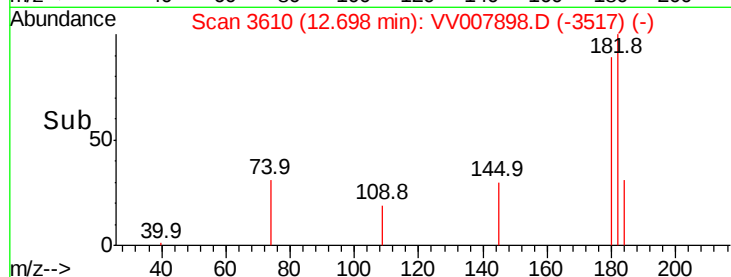


Abundance Ion 180.00 (179.70 to 180.70): V

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



#69

Naphthalene

Concen: 0.068 ug/L

RT: 13.56 min Scan# 3879

Delta R.T. 0.01 min

Lab File: VV007898.D

Acq: 27 Sep 2018 10:14

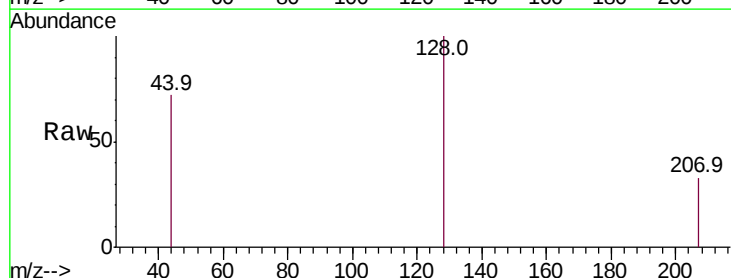
Tgt Ion:128 Resp: 1108

Ion Ratio Lower Upper

128 100

129 1.8 8.6 13.0#

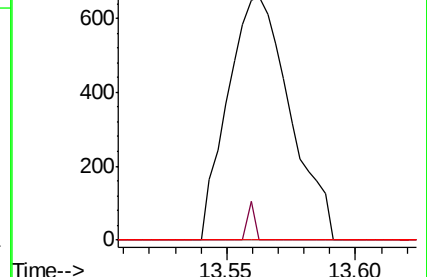
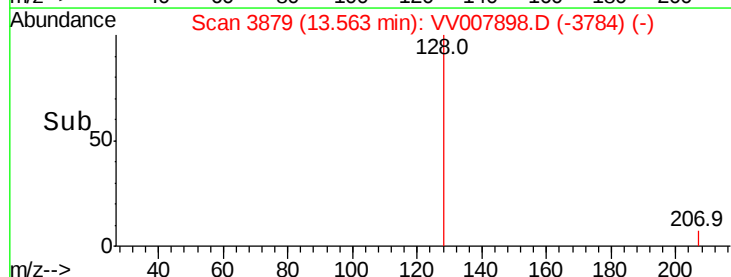
127 0.0 10.3 15.5#

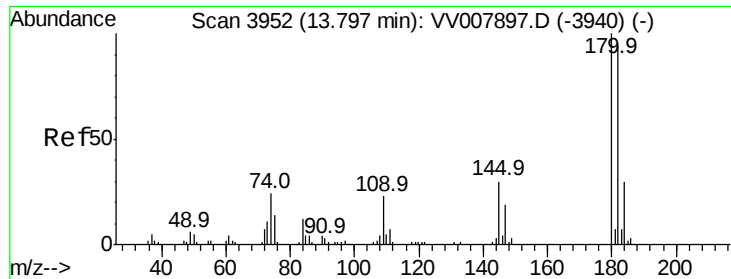


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 0.064 ug/L
 RT: 13.80 min Scan# 3954
 Delta R.T. 0.01 min
 Lab File: VV007898.D
 Acq: 27 Sep 2018 10:14

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:180 Resp: 676
 Ion Ratio Lower Upper
 180 100
 182 103.0 75.7 113.5
 145 24.7 23.4 35.0

