

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100218\
 Data File : VV008034.D
 Acq On : 02 Oct 2018 18:00
 Operator : SY/MD
 Sample : J5185-04
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 03 05:36:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 03 05:34:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	93178	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	89773	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	43764	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22943	4.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.80%
7) Chloroethane-d5	1.59	69	20146	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.13	63	35807	3.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.40%
20) 2-Butanone-d5	3.98	46	72338	48.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.30%
24) Chloroform-d	4.41	84	54149	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.09	65	28411	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
32) Benzene-d6	5.10	84	103282	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.12	67	32792	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.36	98	96275	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	7.67	79	11361	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.14	63	51730	44.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.60%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23526	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	40136	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

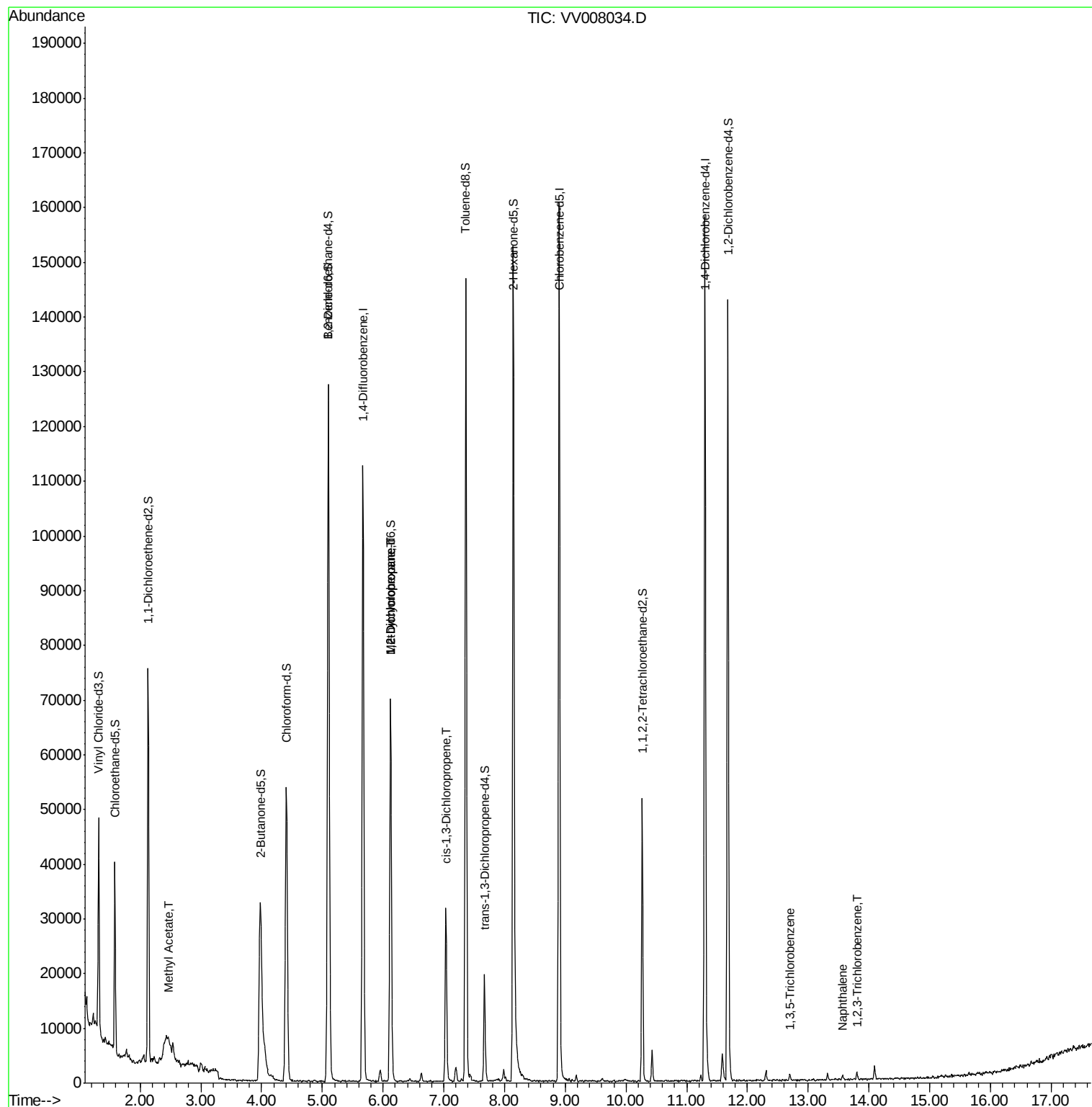
					Ovalue
15) Methyl Acetate	2.47	43	2095	0.748 ug/L #	51
35) Methylcyclohexane	6.12	83	8289	0.751 ug/L #	19
37) 1,2-Dichloropropane	6.13	63	3691	0.562 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	734	0.084 ug/L #	76
67) 1,3,5-Trichlorobenzene	12.70	180	592	0.048 ug/L #	87
69) Naphthalene	13.57	128	1092	0.075 ug/L #	76
70) 1,2,3-Trichlorobenzene	13.80	180	605	0.064 ug/L #	93

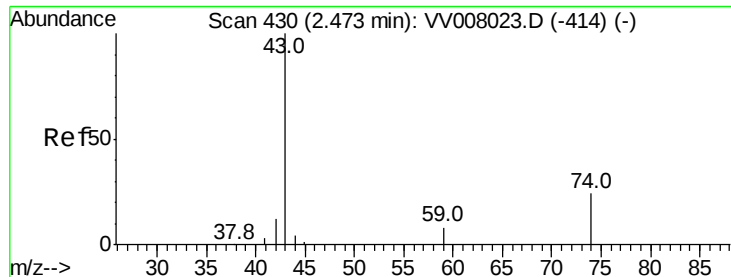
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 03 05:34:53 2018
Response via : Initial Calibration





#15

Methvl Acetate

Concen: 0.748 ug/L

RT: 2.47 min Scan# 428

Delta R.T. -0.01 min

Lab File: VV008034.D

Acq: 02 Oct 2018 18:00

Instrument :

MSVOA_V

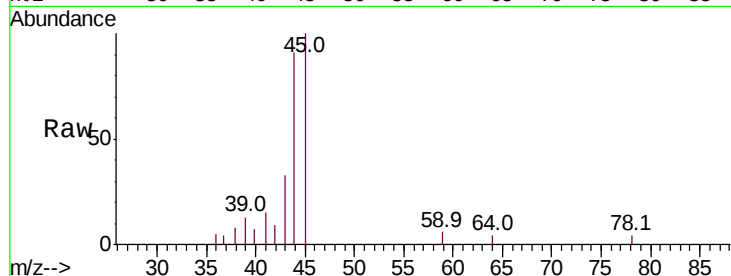
ClientSampled :

Tot Ion: 43 Resp: 2095

Ion Ratio Lower Upper

43 100

74 0.0 19.5 29.3#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

2.47

1000

800

600

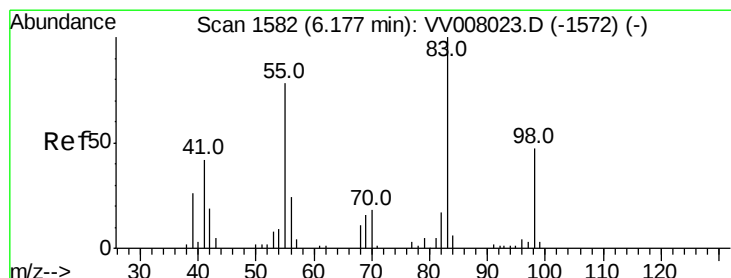
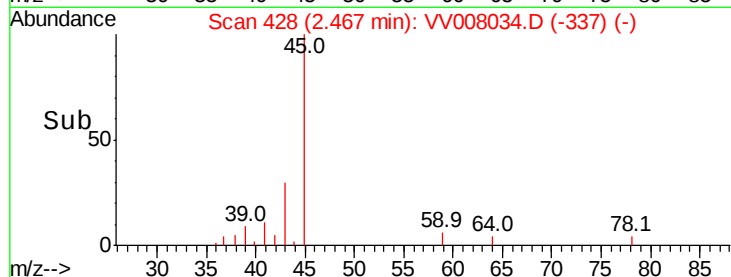
400

200

0

Time-->

2.45 2.50



#35

Methylcyclohexane

Concen: 0.751 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008034.D

Acq: 02 Oct 2018 18:00

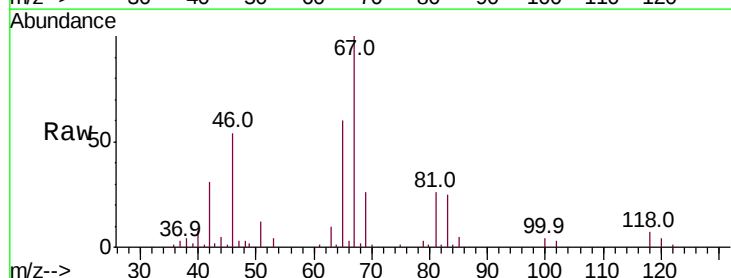
Tgt Ion: 83 Resp: 8289

Ion Ratio Lower Upper

83 100

55 0.0 62.2 93.2#

98 2.4 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

5000

4000

3000

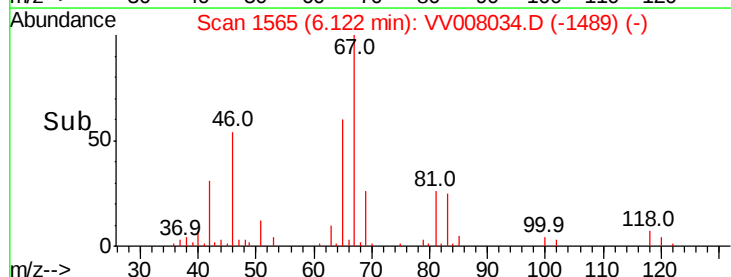
2000

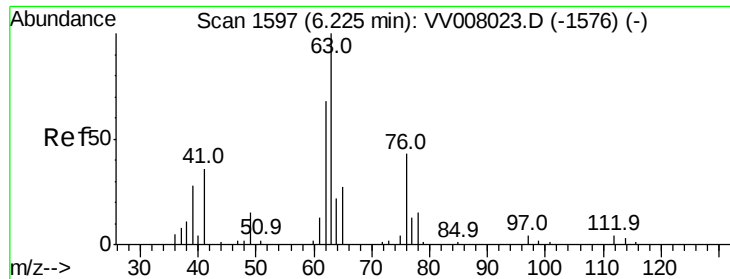
1000

0

Time-->

6.05 6.10 6.15 6.20





#37

1,2-Dichloropropane

Concen: 0.562 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV008034.D

Acq: 02 Oct 2018 18:00

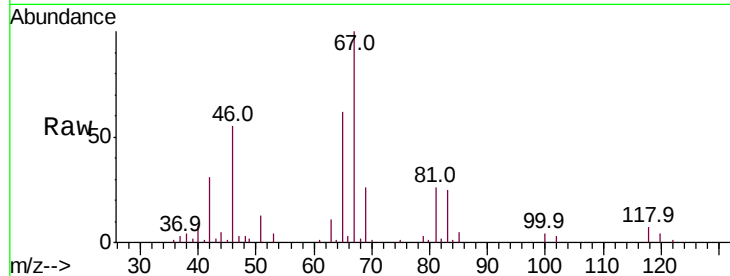
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 63 Resp: 3691

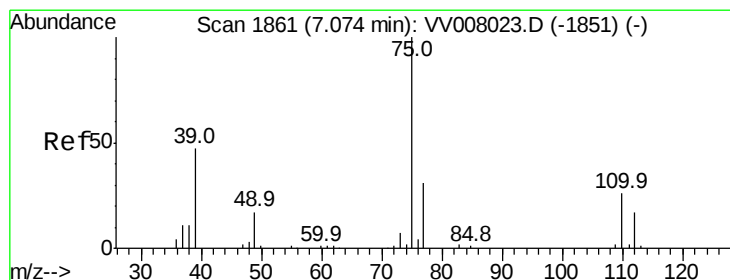
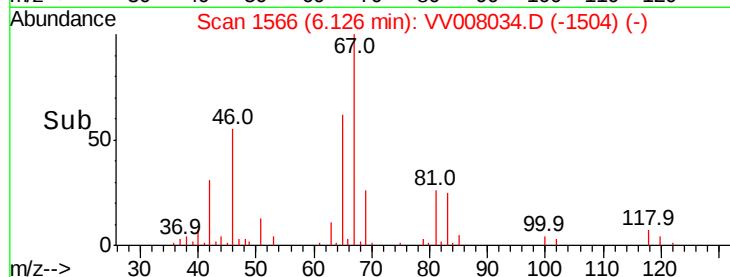
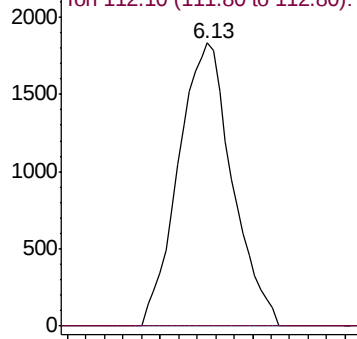
Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV008023.D (-1576) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008034.D

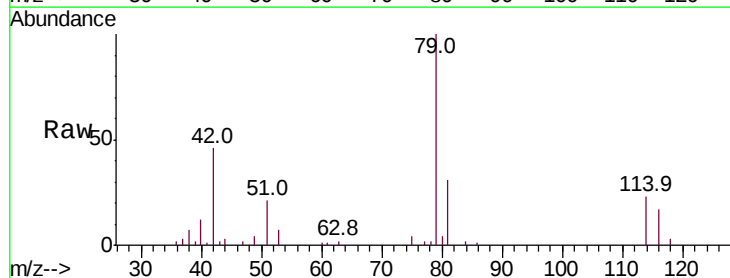
Acq: 02 Oct 2018 18:00

Tgt Ion: 75 Resp: 734

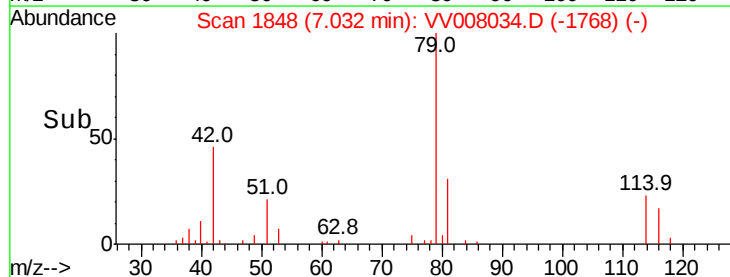
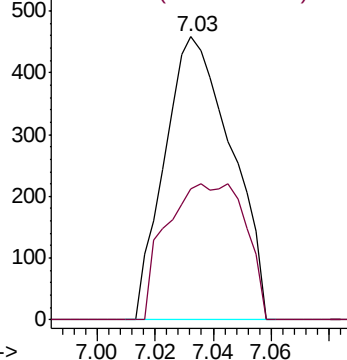
Ion Ratio Lower Upper

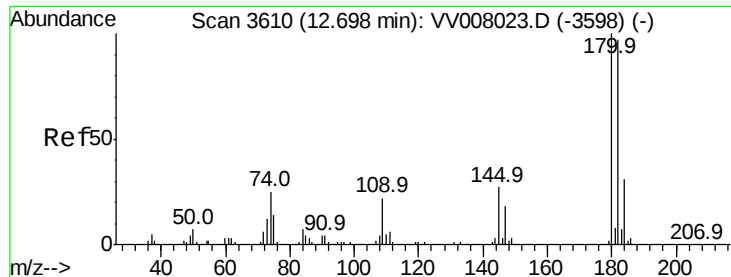
75 100

77 46.3 22.9 42.5#



Abundance Ion 75.05 (74.75 to 75.75): VV008023.D (-1851) (-)

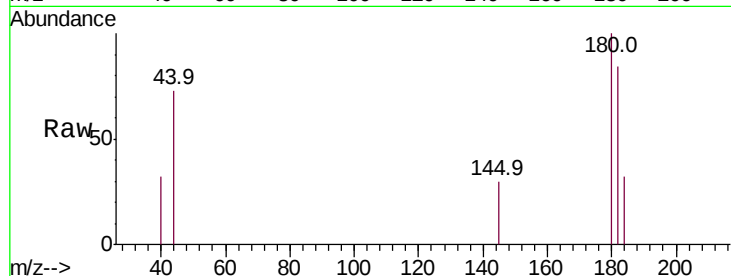




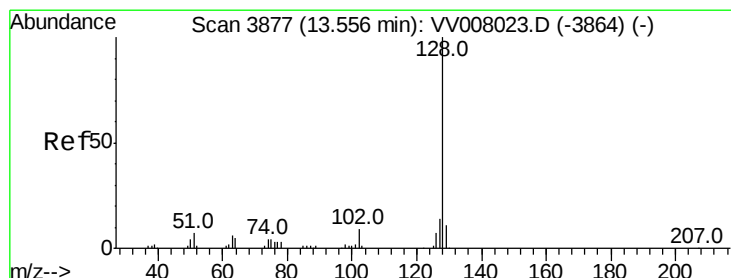
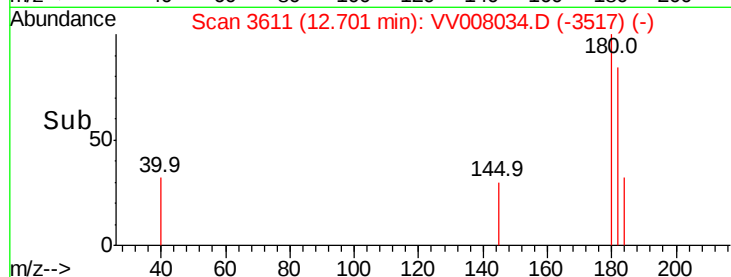
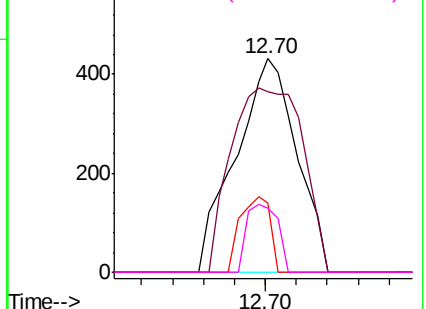
#67
 1,3,5-Trichlorobenzene
 Concen: 0.048 ug/L
 RT: 12.70 min Scan# 3611
 Delta R.T. 0.00 min
 Lab File: VV008034.D
 Acq: 02 Oct 2018 18:00

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:180 Resp: 592
 Ion Ratio Lower Upper
 180 100
 182 101.5 76.2 114.4
 184 17.4 24.5 36.7#
 145 16.4 22.2 33.4#

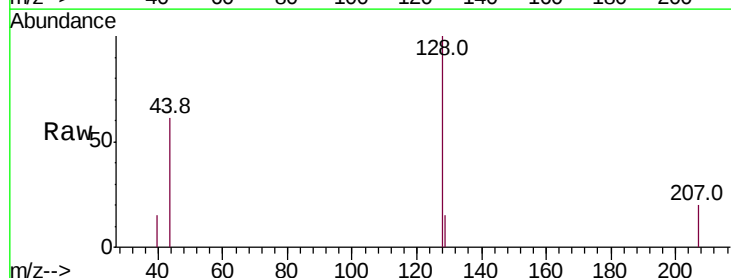


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

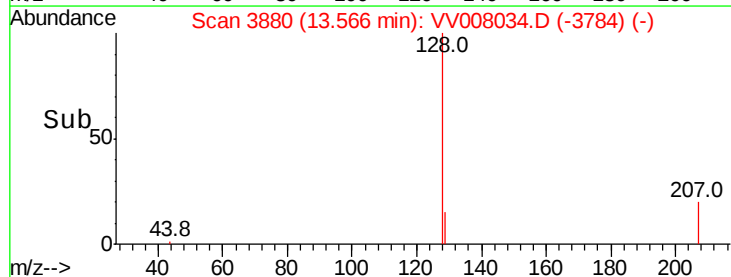
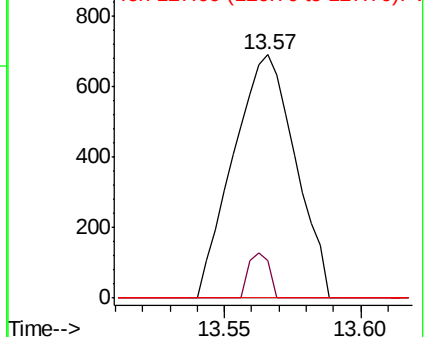


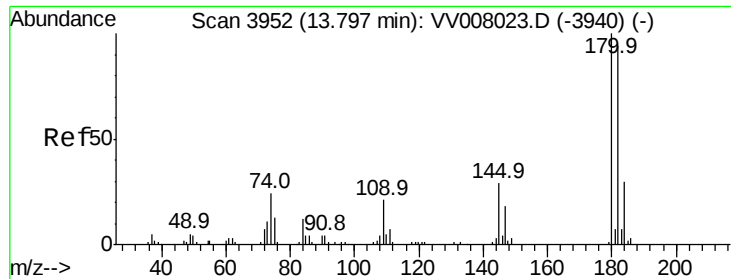
#69
 Naphthalene
 Concen: 0.075 ug/L
 RT: 13.57 min Scan# 3880
 Delta R.T. 0.01 min
 Lab File: VV008034.D
 Acq: 02 Oct 2018 18:00

Tgt Ion:128 Resp: 1092
 Ion Ratio Lower Upper
 128 100
 129 6.0 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# 3953
 Delta R.T. 0.00 min
 Lab File: VV008034.D
 Acq: 02 Oct 2018 18:00

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:180 Resp: 605
 Ion Ratio Lower Upper
 180 100
 182 92.9 75.7 113.5
 145 16.9 23.4 35.0#

