

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120718\
 Data File : VV008876.D
 Acq On : 07 Dec 2018 15:09
 Operator : SY/MD
 Sample : VV1207WBL01
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK62

Quant Time: Dec 07 22:22:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR120518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 07 22:19:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	114717	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	104985	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	45602	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27850	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.58	69	22081	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.13	63	49924	4.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.60%
20) 2-Butanone-d5	3.98	46	78028	51.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.28%
24) Chloroform-d	4.40	84	68575	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.08	65	35104	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.10	84	140827	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.12	67	41372	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.36	98	124392	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	7.67	79	15636	5.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.80%
46) 2-Hexanone-d5	8.14	63	60874	52.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.04%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	26694	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	45697	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

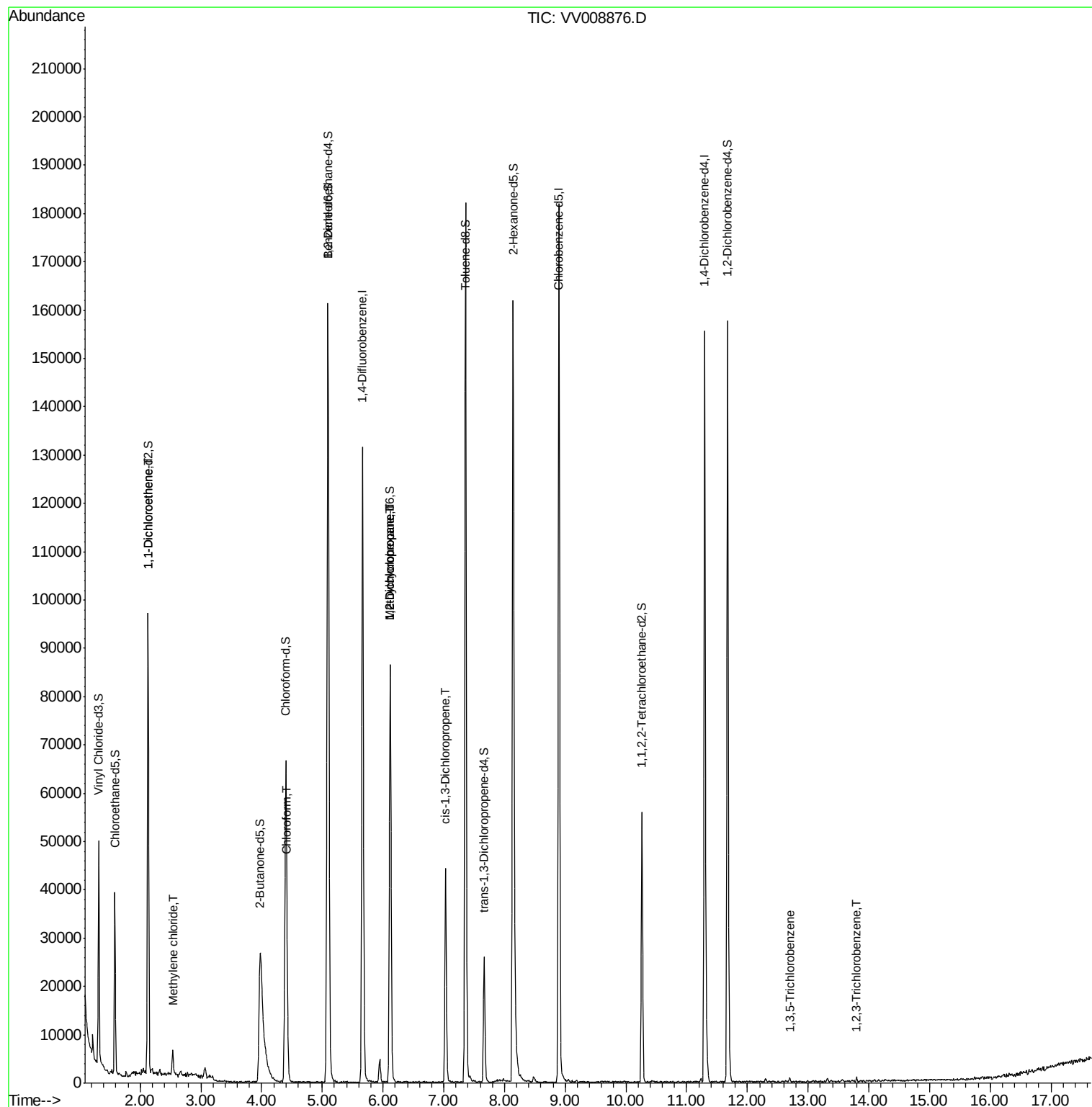
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.13	96	611	0.109	ug/L #	1
16) Methylene chloride	2.54	84	2091	0.344	ug/L	97
25) Chloroform	4.43	83	1420	0.098	ug/L	92
35) Methylcyclohexane	6.12	83	10260	0.747	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	4919	0.672	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1069	0.104	ug/L #	78
67) 1,3,5-Trichlorobenzene	12.70	180	522	0.048	ug/L #	67
70) 1,2,3-Trichlorobenzene	13.80	180	435	0.057	ug/L #	70

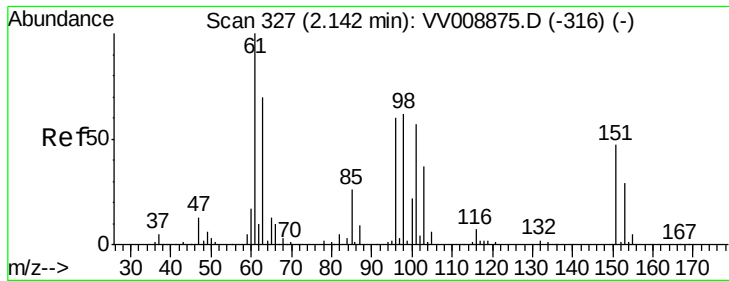
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 07 22:19:33 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.109 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV008876.D

Acq: 07 Dec 2018 15:09

Instrument :

MSVOA_V

ClientSampleId :

VBLK62

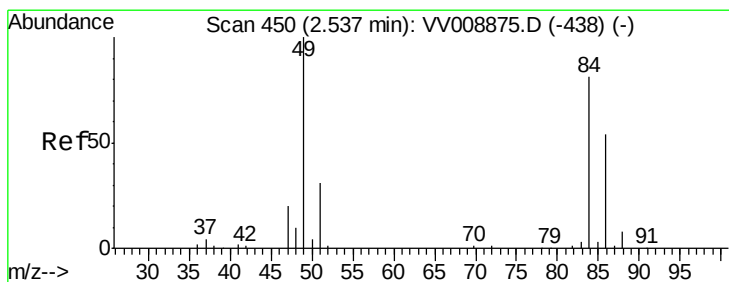
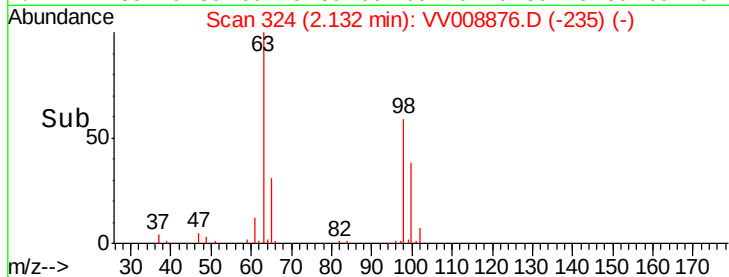
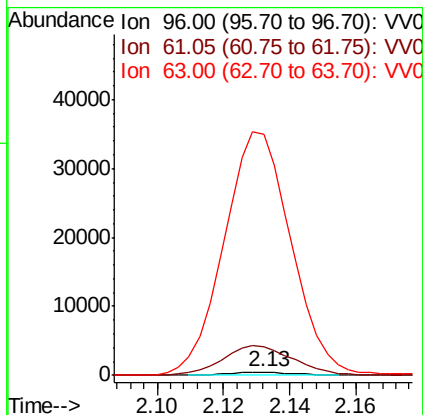
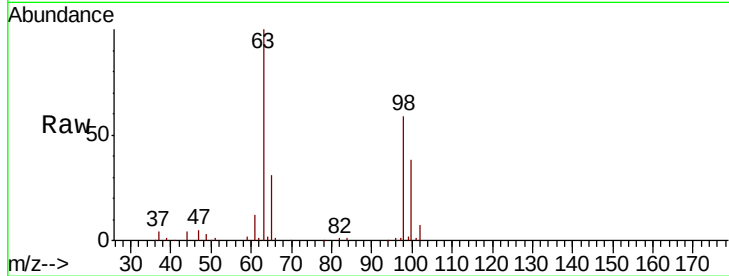
Tgt Ion: 96 Resp: 611

Ion Ratio Lower Upper

96 100

61 879.1 120.8 224.4#

63 7454.7 85.0 158.0#



#16

Methylene chloride

Concen: 0.344 ug/L

RT: 2.54 min Scan# 450

Delta R.T. -0.00 min

Lab File: VV008876.D

Acq: 07 Dec 2018 15:09

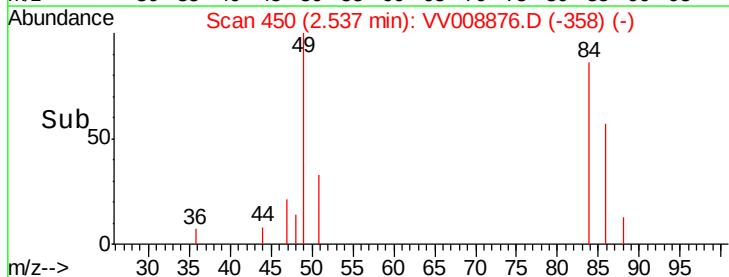
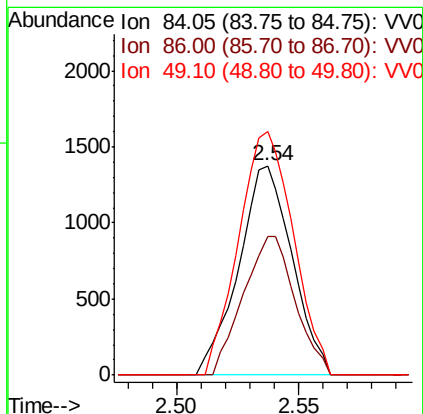
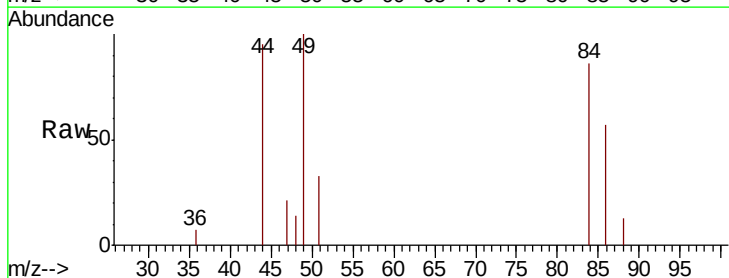
Tgt Ion: 84 Resp: 2091

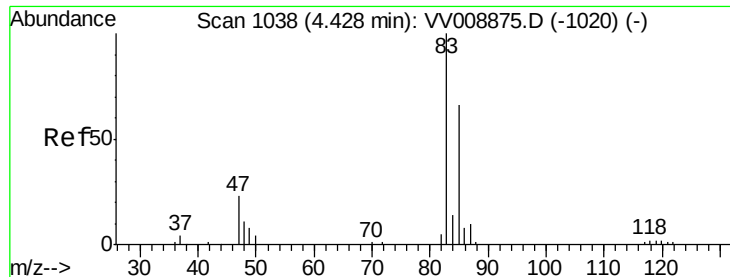
Ion Ratio Lower Upper

84 100

86 66.0 46.7 86.7

49 116.2 84.8 157.4

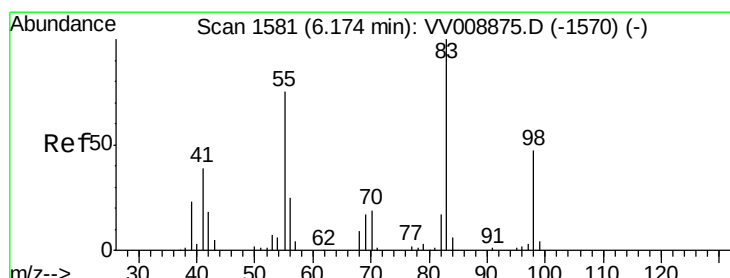
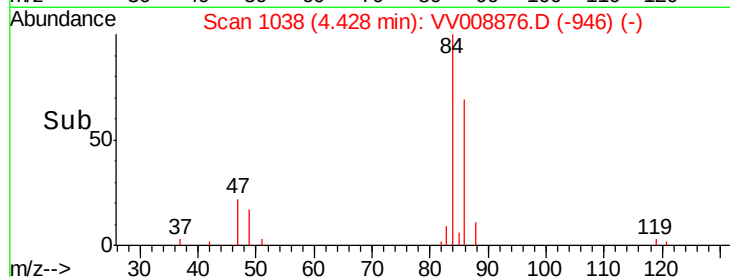
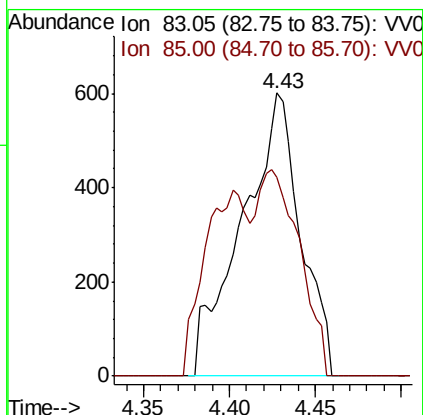
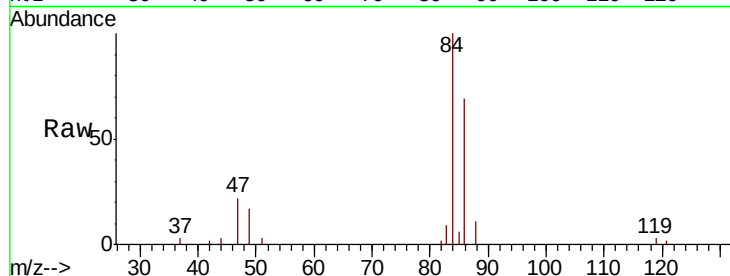




#25
Chloroform
Concen: 0.098 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. -0.00 min
Lab File: VV008876.D
Acq: 07 Dec 2018 15:09

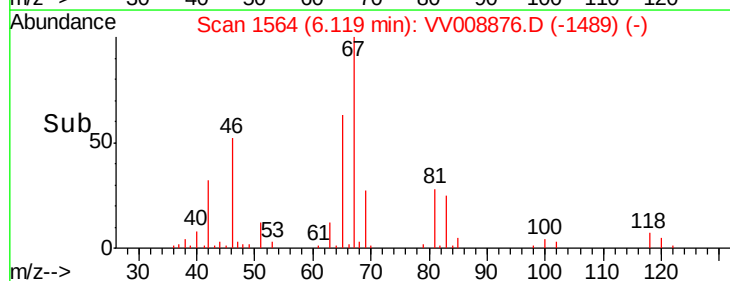
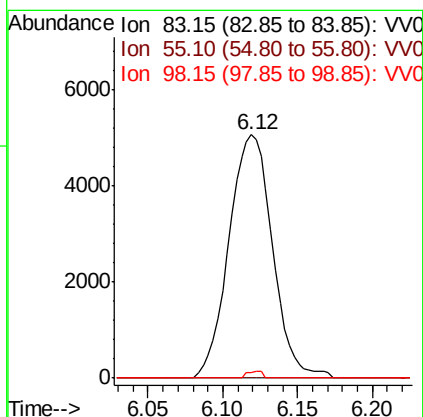
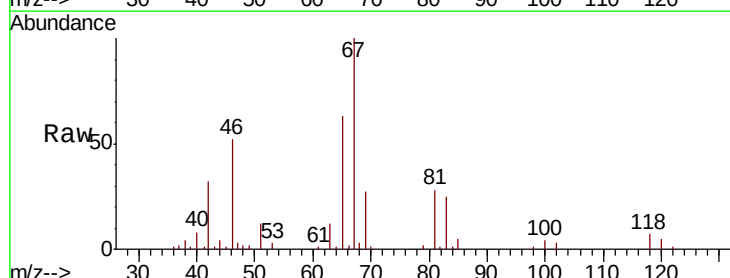
Instrument :
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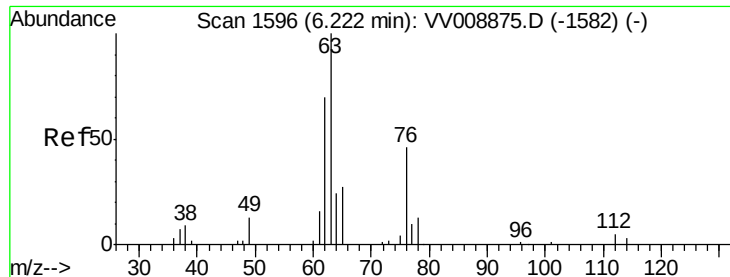
Tgt Ion: 83 Resp: 1420
Ion Ratio Lower Upper
83 100
85 70.2 44.9 83.5



#35
Methylcyclohexane
Concen: 0.747 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV008876.D
Acq: 07 Dec 2018 15:09

Tgt Ion: 83 Resp: 10260
Ion Ratio Lower Upper
83 100
55 0.0 60.0 90.0#
98 1.0 39.0 58.6#

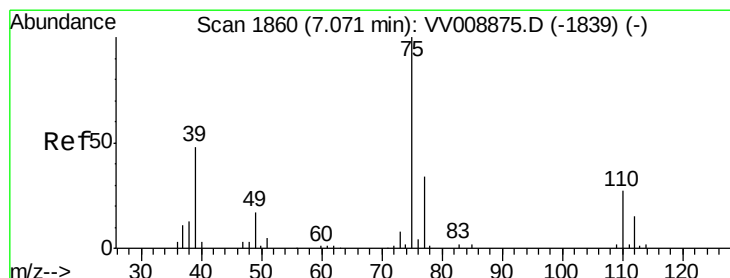
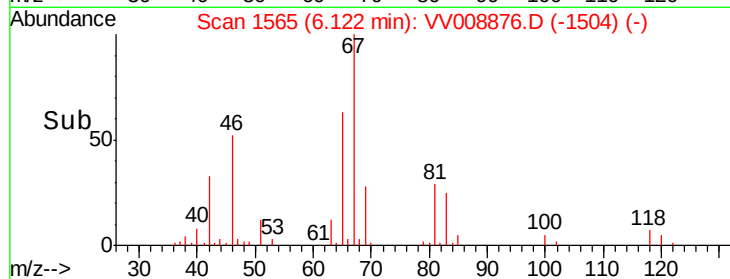
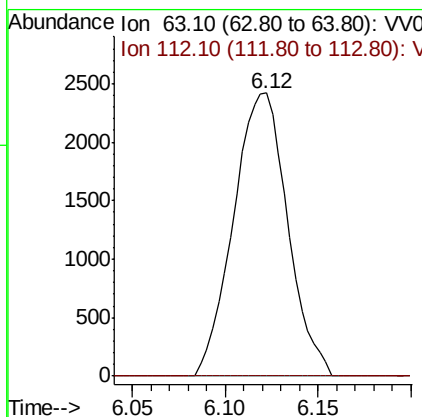
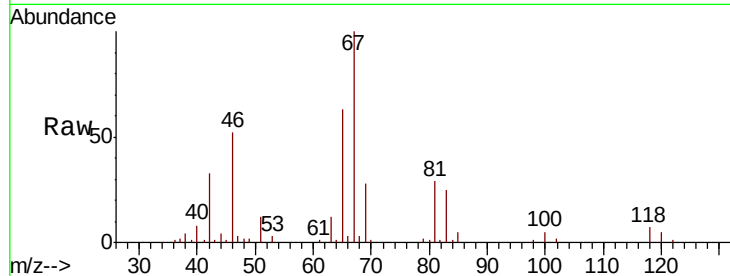




#37
 1,2-Dichloropropane
 Concen: 0.672 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008876.D
 Acq: 07 Dec 2018 15:09

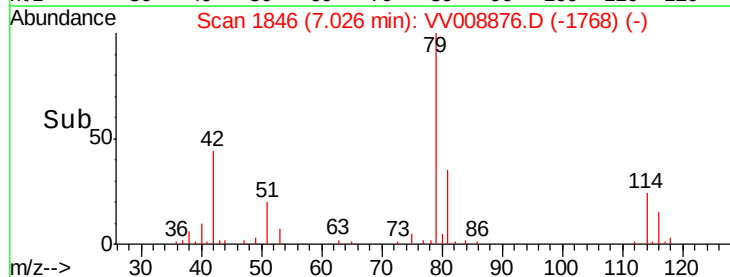
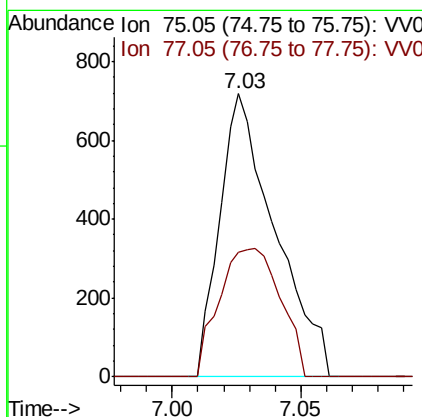
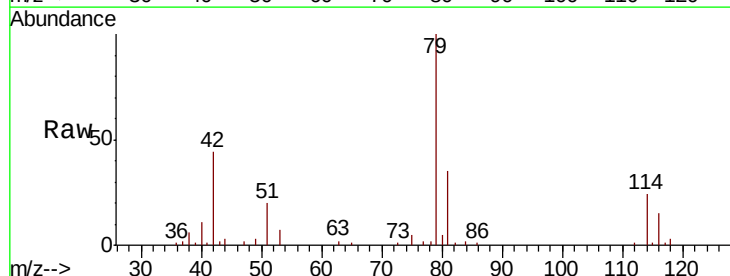
Instrument :
 MSVOA_V
 ClientSampled :
 VBLK62

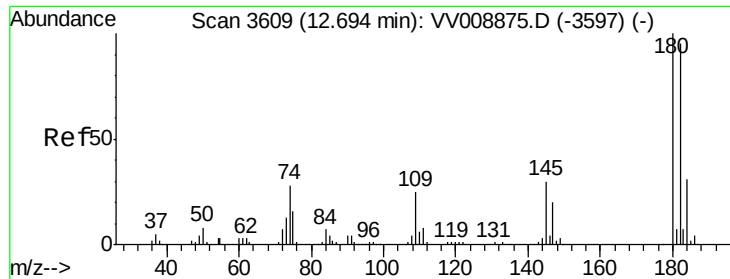
Tgt Ion: 63 Resp: 4919
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.104 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.05 min
 Lab File: VV008876.D
 Acq: 07 Dec 2018 15:09

Tgt Ion: 75 Resp: 1069
 Ion Ratio Lower Upper
 75 100
 77 44.2 22.3 41.3#

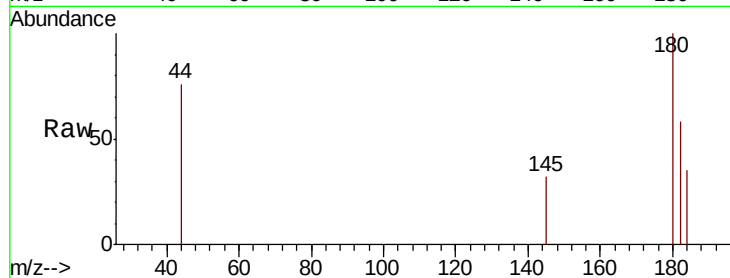




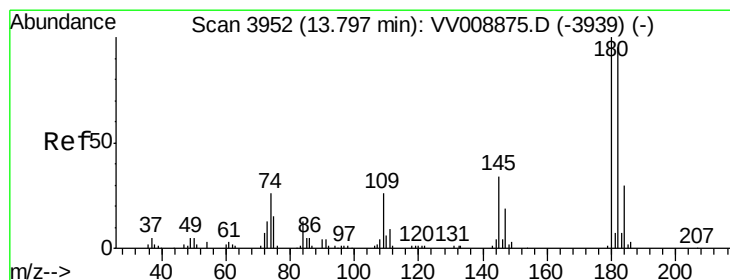
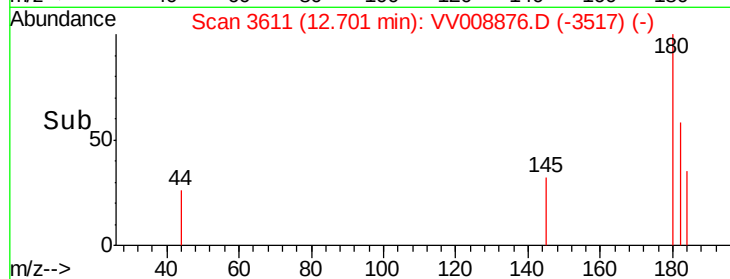
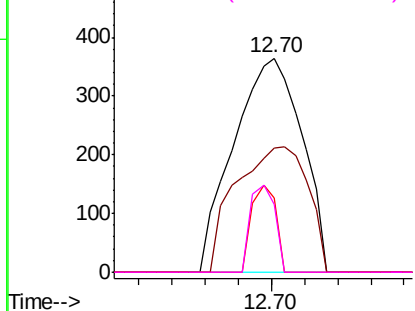
#67
 1,3,5-Trichlorobenzene
 Concen: 0.048 ug/L
 RT: 12.70 min Scan# 3611
 Delta R.T. 0.00 min
 Lab File: VV008876.D
 Acq: 07 Dec 2018 15:09

Instrument :
 MSVOA_V
 ClientSampled :
 VBLK62

Tgt Ion:180 Resp: 522
 Ion Ratio Lower Upper
 180 100
 182 61.9 76.5 114.7#
 184 14.6 24.3 36.5#
 145 14.6 25.2 37.8#

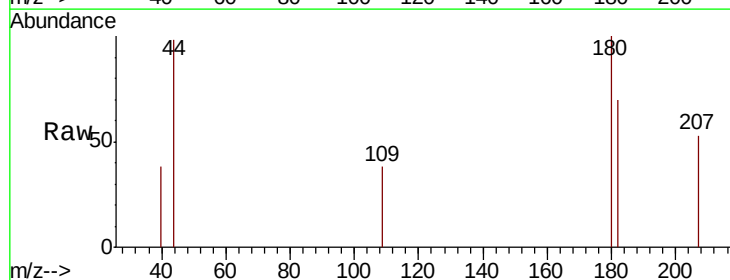


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V



#70
 1,2,3-Trichlorobenzene
 Concen: 0.057 ug/L
 RT: 13.80 min Scan# 3952
 Delta R.T. 0.00 min
 Lab File: VV008876.D
 Acq: 07 Dec 2018 15:09

Tgt Ion:180 Resp: 435
 Ion Ratio Lower Upper
 180 100
 182 77.5 77.8 116.8#
 145 0.0 26.6 40.0#



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

