

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112918\
 Data File : VV008779.D
 Acq On : 29 Nov 2018 22:08
 Operator : SY/MD
 Sample : VV1129WBL02
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK76

Quant Time: Nov 30 06:27:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 30 06:23:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	148797	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	139137	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61090	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47469	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.59	69	34958	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.14	63	67383	3.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.20%
20) 2-Butanone-d5	3.97	46	114654	49.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.46%
24) Chloroform-d	4.41	84	95004	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.09	65	49002	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.10	84	205405	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.12	67	59478	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.36	98	181333	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	7.67	79	18464	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.14	63	81114	45.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.06%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35813	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	61922	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

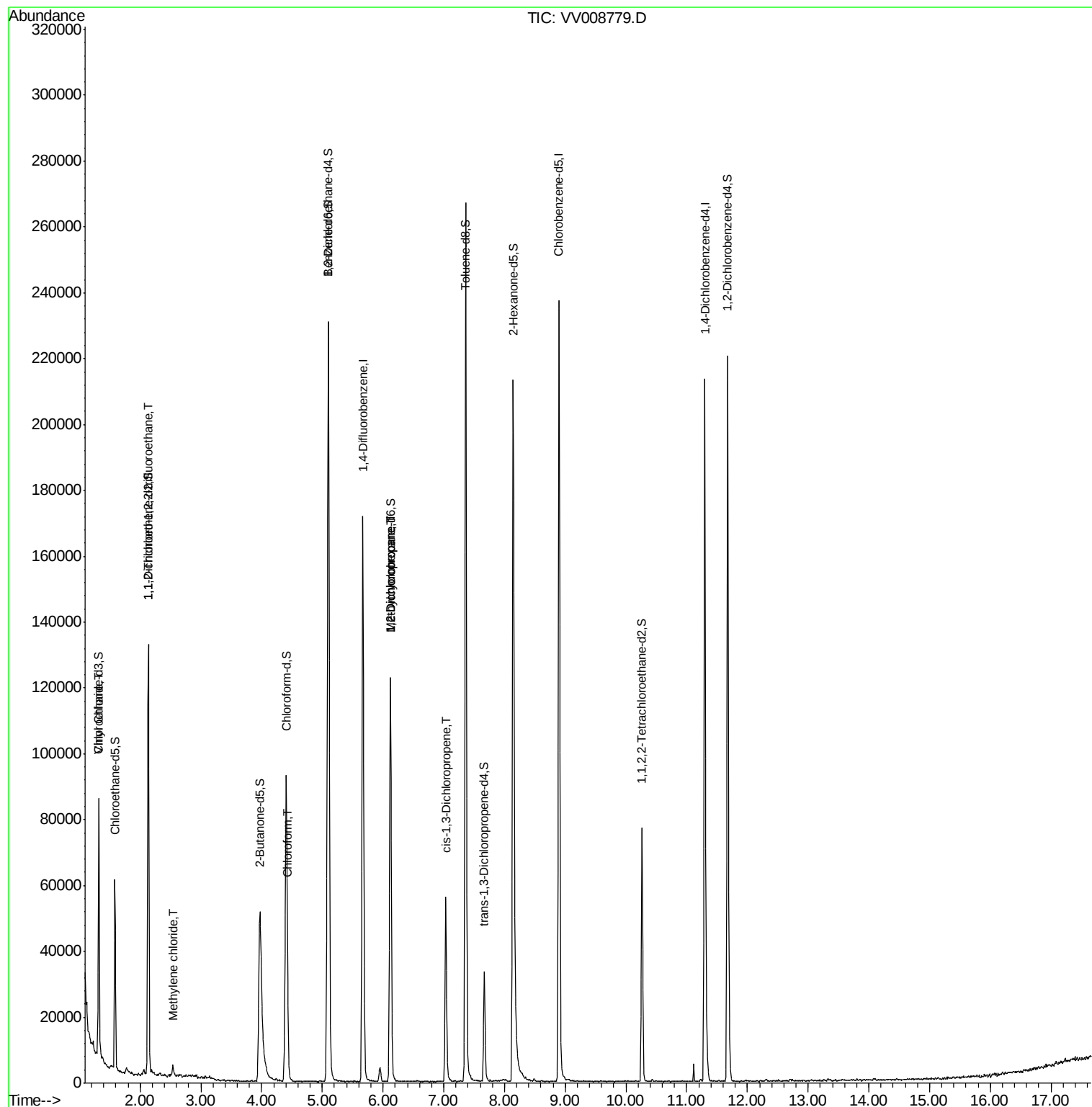
					Qvalue
8) Chloroethane	1.32	64	607	0.108 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	709	0.085 ug/L #	18
16) Methylene chloride	2.54	84	1031	0.125 ug/L	97
25) Chloroform	4.43	83	2676	0.138 ug/L	98
35) Methylcyclohexane	6.13	83	14123	0.768 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	6664	0.642 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1545	0.113 ug/L #	73

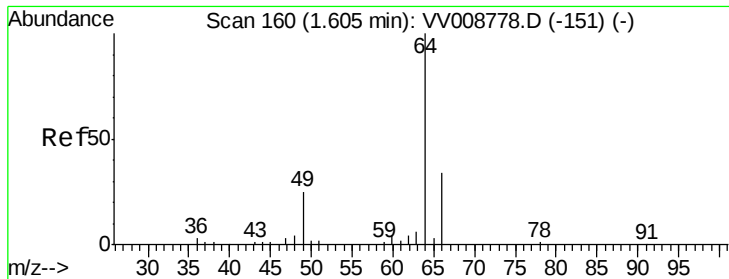
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 30 06:23:09 2018
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.108 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.29 min

Lab File: VV008779.D

Acq: 29 Nov 2018 22:08

Instrument :

MSVOA_V

ClientSampleId :

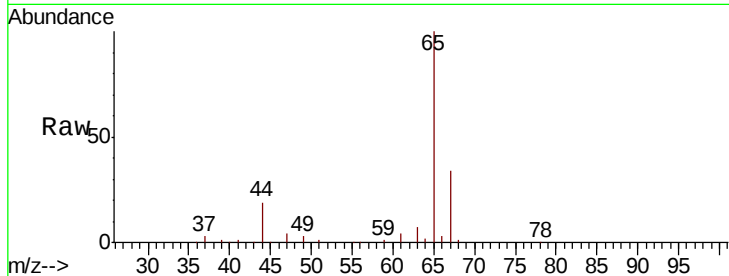
VBLK76

Tgt Ion: 64 Resp: 607

Ion Ratio Lower Upper

64 100

66 180.4 21.8 40.6#



Abundance Ion 64.10 (63.80 to 64.80): VV008778.D (-151) (-)

Ion 66.05 (65.75 to 66.75): VV008778.D (-151) (-)

1500

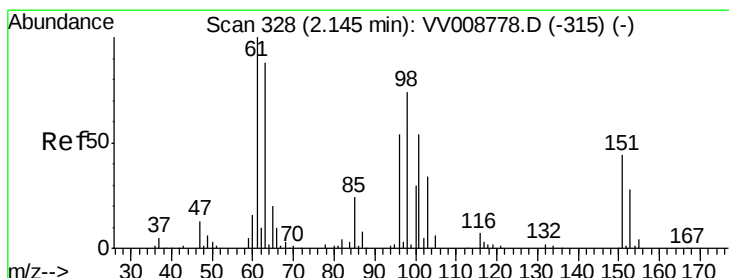
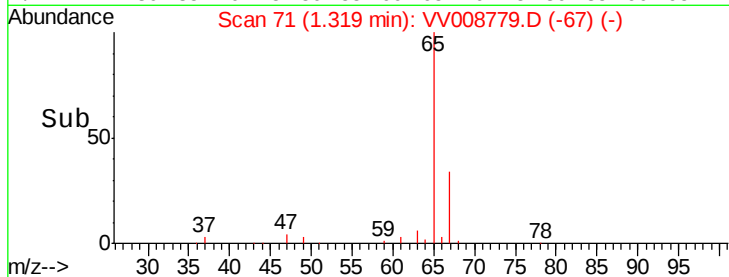
1000

500

0

1.30 1.31 1.32 1.33 1.34

Time-->



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.085 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV008779.D

Acq: 29 Nov 2018 22:08

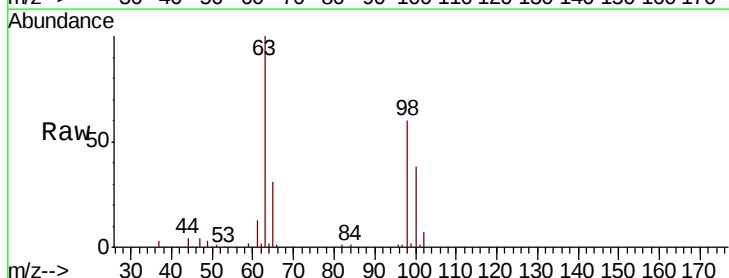
Tgt Ion: 101 Resp: 709

Ion Ratio Lower Upper

101 100

85 0.0 33.1 49.7#

151 0.0 63.8 95.8#



Abundance Ion 101.00 (100.70 to 101.70): VV008779.D (-235) (-)

Ion 85.00 (84.70 to 85.70): VV008779.D (-235) (-)

Ion 151.00 (150.70 to 151.70): VV008779.D (-235) (-)

800

600

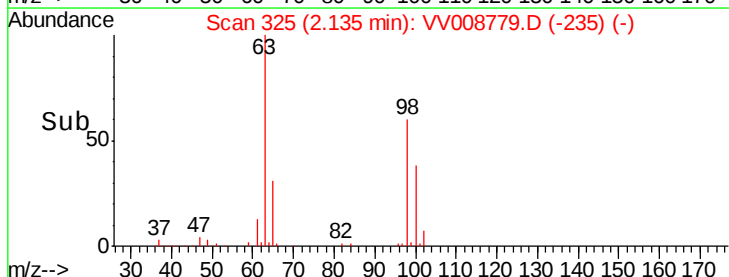
400

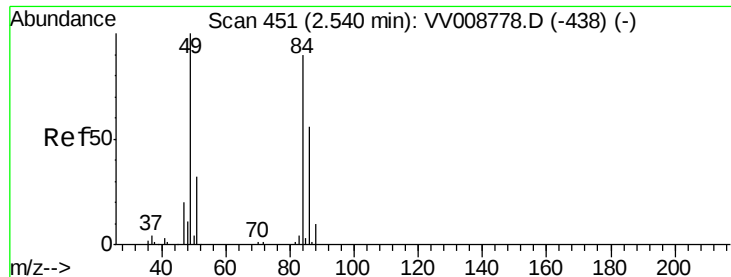
200

0

2.10 2.12 2.14 2.16

Time-->

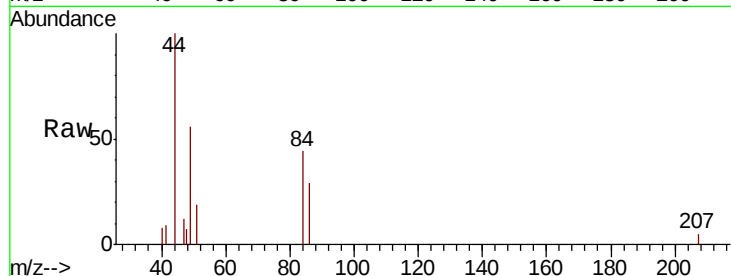




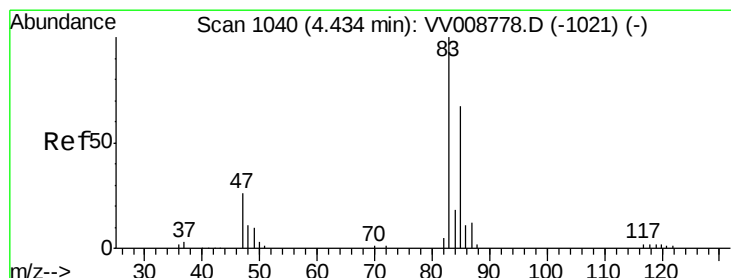
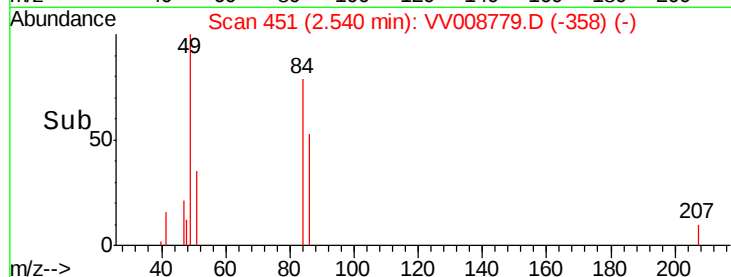
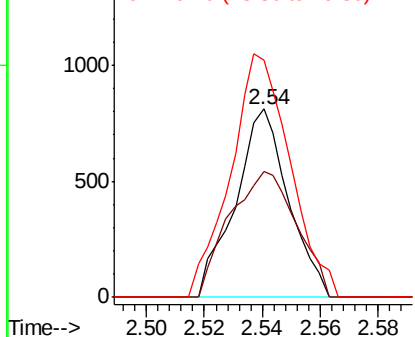
#16
Methylene chloride
Concen: 0.125 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV008779.D
Acq: 29 Nov 2018 22:08

Instrument :
MSVOA_V
ClientSampled :
VBLK76

Tgt Ion: 84 Resp: 1031
Ion Ratio Lower Upper
84 100
86 66.6 45.8 85.2
49 126.2 85.9 159.5

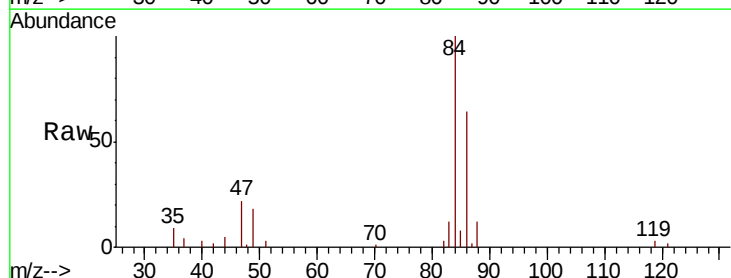


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

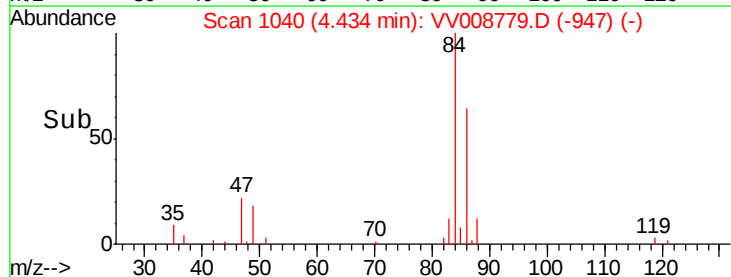
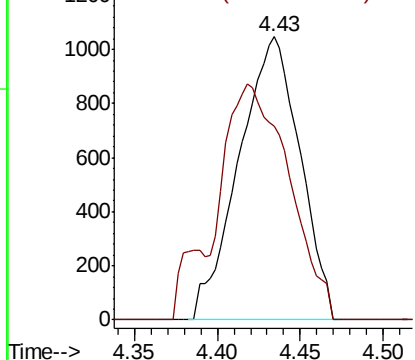


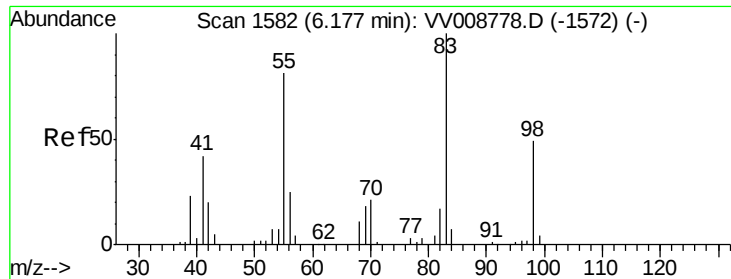
#25
Chloroform
Concen: 0.138 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VV008779.D
Acq: 29 Nov 2018 22:08

Tgt Ion: 83 Resp: 2676
Ion Ratio Lower Upper
83 100
85 68.5 47.0 87.4



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0

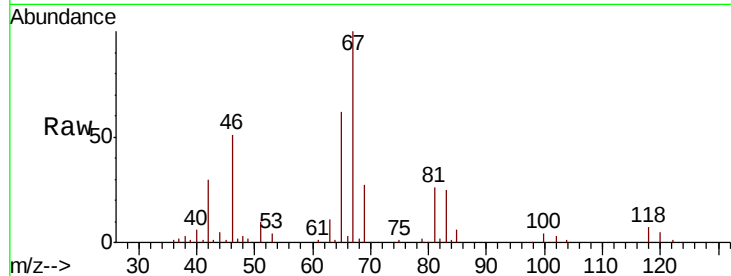




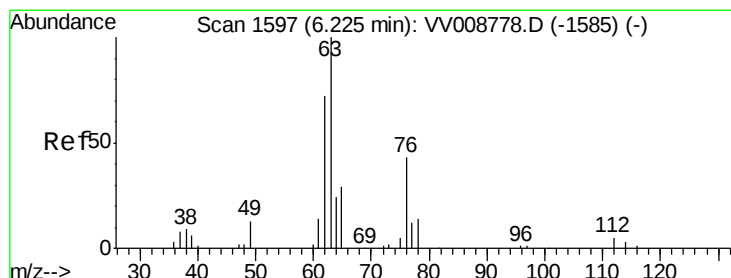
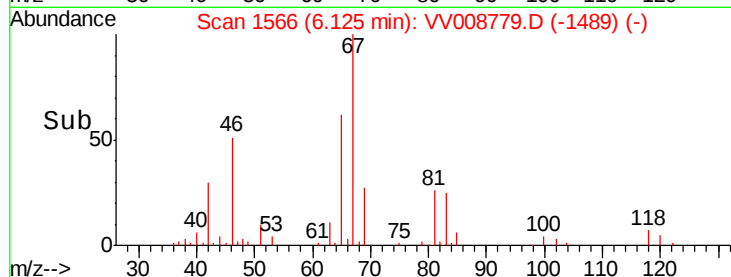
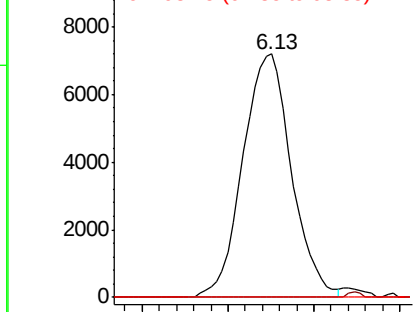
#35
Methylcyclohexane
Concen: 0.768 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV008779.D
Acq: 29 Nov 2018 22:08

Instrument :
MSVOA_V
ClientSampleId :
VBLK76

Tgt Ion: 83 Resp: 14123
Ion Ratio Lower Upper
83 100
55 0.6 60.1 90.1#
98 1.6 37.4 56.2#

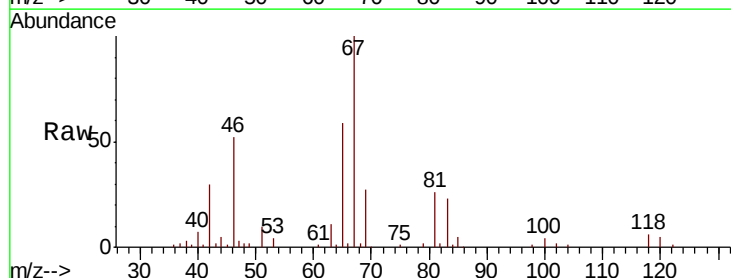


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

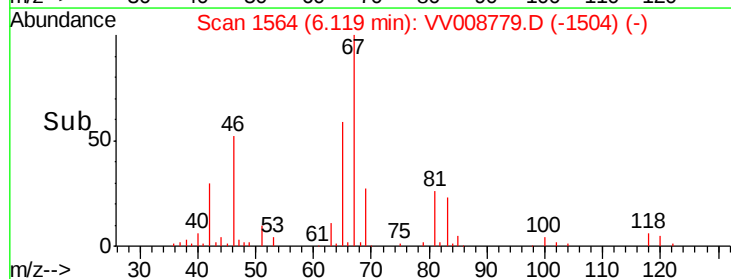
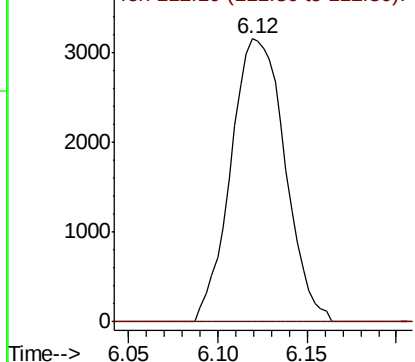


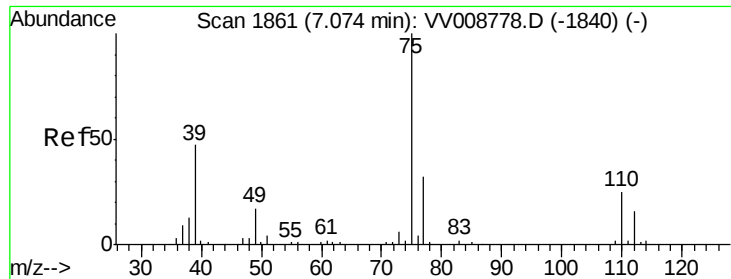
#37
1,2-Dichloropropane
Concen: 0.642 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.11 min
Lab File: VV008779.D
Acq: 29 Nov 2018 22:08

Tgt Ion: 63 Resp: 6664
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene
 Concen: 0.113 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.05 min
 Lab File: VV008779.D
 Acq: 29 Nov 2018 22:08

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK76

Tgt Ion: 75 Resp: 1545
 Ion Ratio Lower Upper
 75 100
 77 47.7 22.8 42.4#

