

Data File : VV011980.D
Acq On : 23 Jul 2019 22:34
Operator : SY/MD
Sample : VV0723WBL02
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK54

Quant Time: Jul 24 07:50:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 24 07:47:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	145250	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	141210	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	67695	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39106	5.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.60%
7) Chloroethane-d5	1.59	69	31732	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.80%
11) 1,1-Dichloroethene-d2	2.13	63	64009	4.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.20%
20) 2-Butanone-d5	3.96	46	118188	53.56	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.12%
24) Chloroform-d	4.40	84	100791	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.08	65	55012	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.80%
32) Benzene-d6	5.10	84	208419	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
36) 1,2-Dichloropropane-d6	6.12	67	58870	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	7.36	98	186028	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
43) trans-1,3-Dichloropropene-	7.66	79	22947	5.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.40%
46) 2-Hexanone-d5	8.14	63	94936	51.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.38%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	40146	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	74117	5.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.80%

Target Compounds

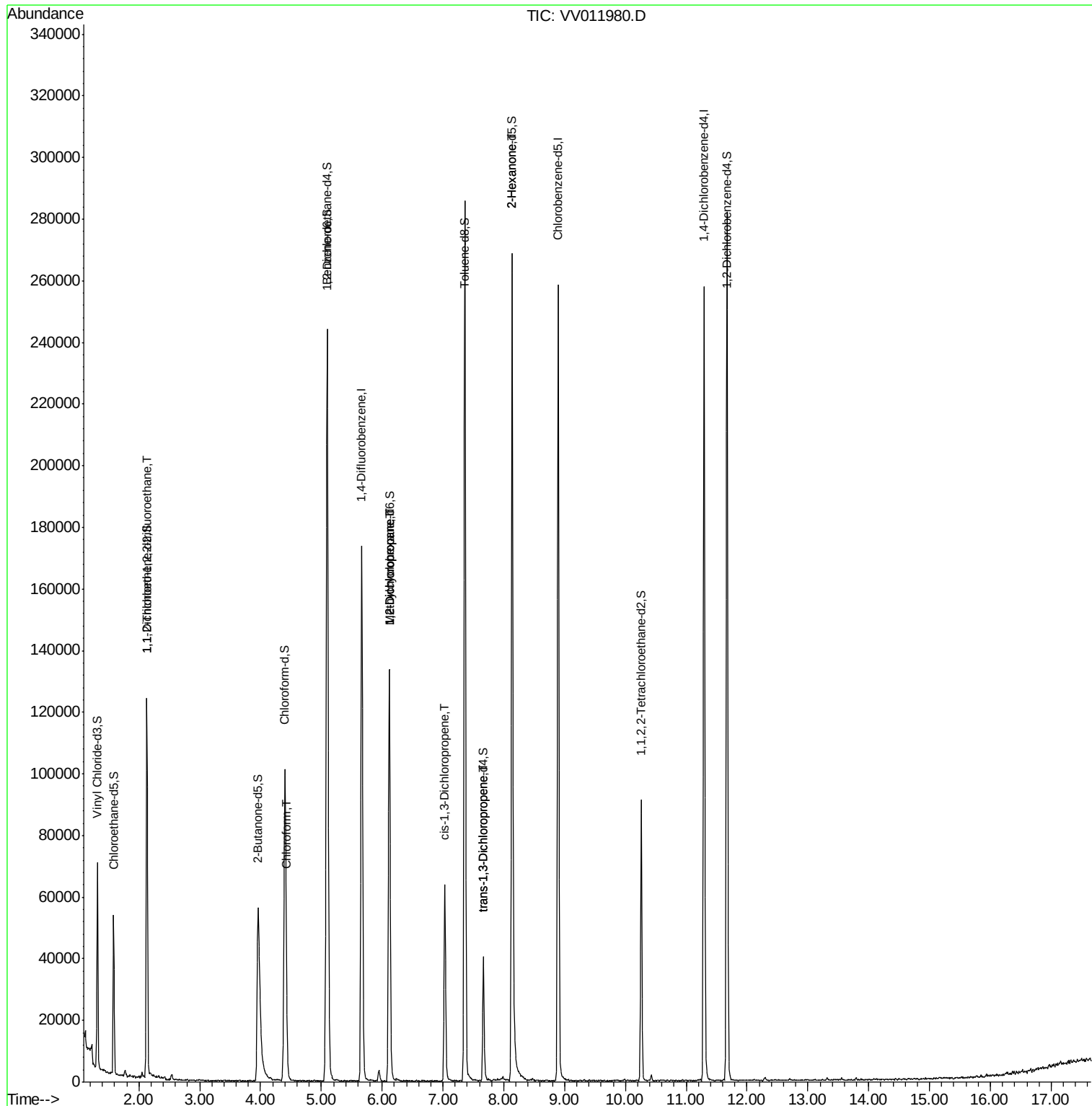
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	646	0.087	ug/L #	15
25) Chloroform	4.43	83	8143	0.371	ug/L	87
35) Methylcyclohexane	6.12	83	15615	0.870	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	7426	0.744	ug/L #	84
39) cis-1,3-Dichloropropene	7.03	75	1617	0.109	ug/L #	67
44) trans-1,3-Dichloropropene	7.67	75	1235	0.105	ug/L #	80
48) 2-Hexanone	8.14	43	13254	3.386	ug/L #	68

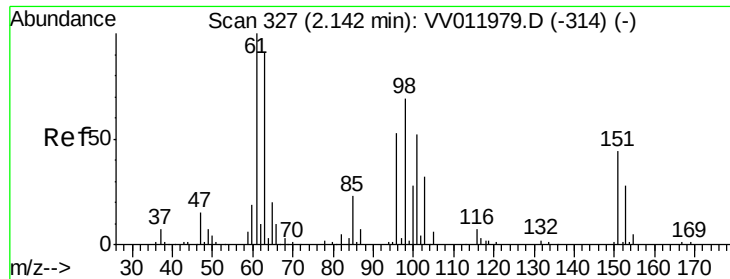
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.087 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

VBLK54

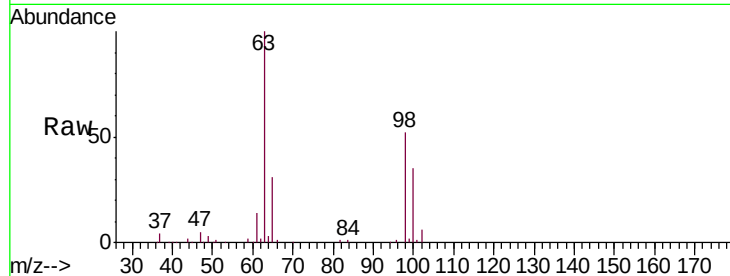
Tgt Ion: 101 Resp: 646

Ion Ratio Lower Upper

101 100

85 0.0 37.0 55.6#

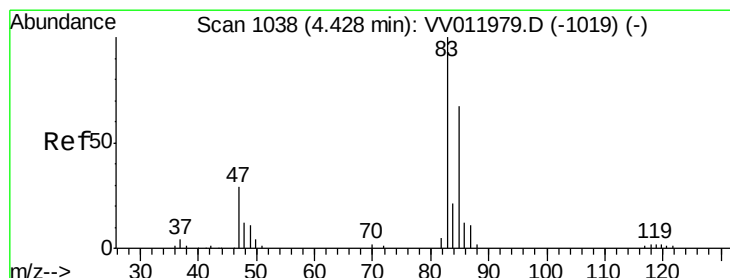
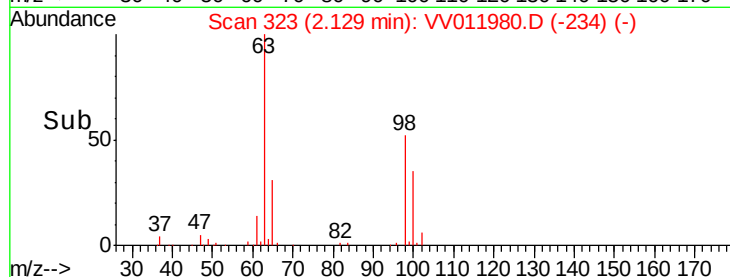
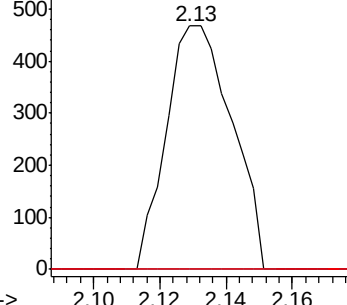
151 0.0 68.3 102.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#25

Chloroform

Concen: 0.371 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. 0.00 min

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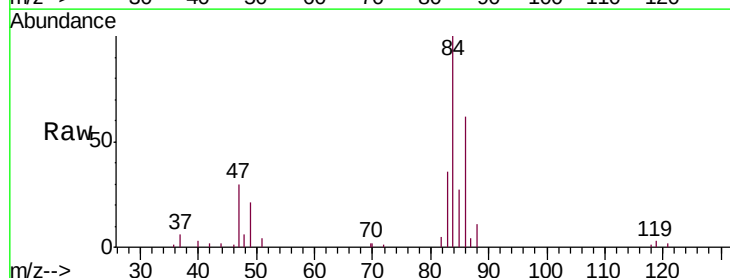
Acq: 23 Jul 2019 22:34

Tgt Ion: 83 Resp: 8143

Ion Ratio Lower Upper

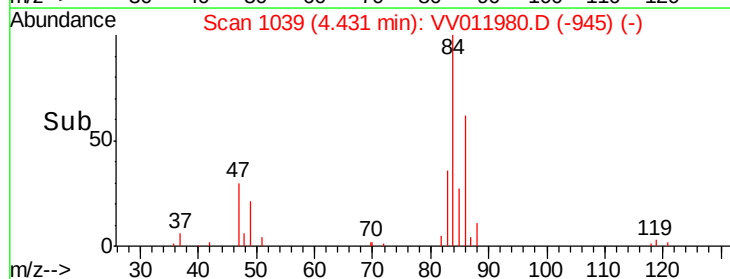
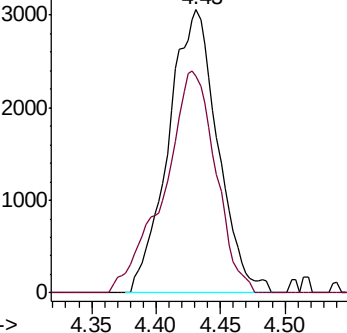
83 100

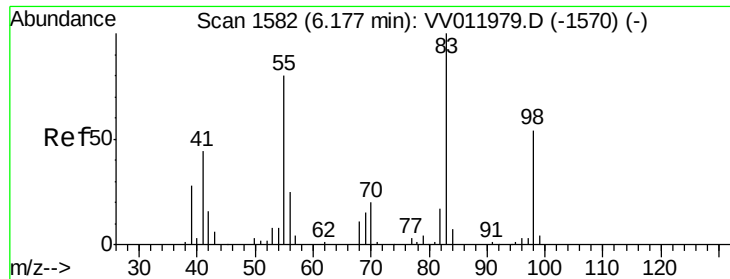
85 76.4 46.5 86.3



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

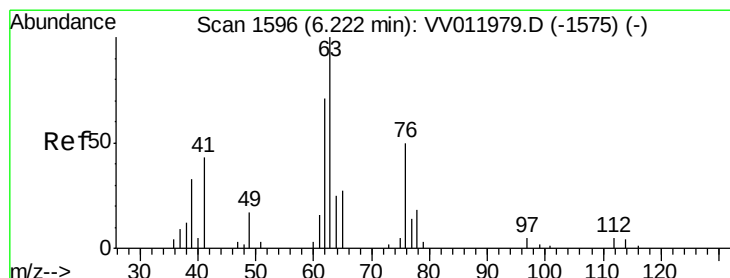
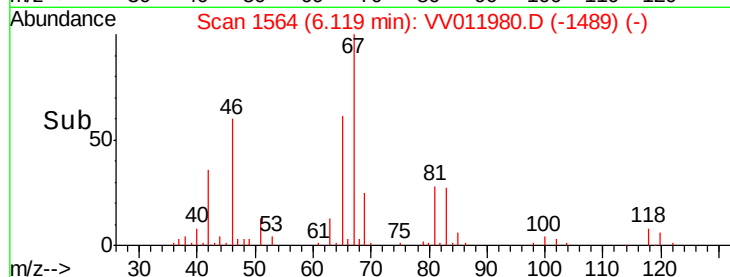
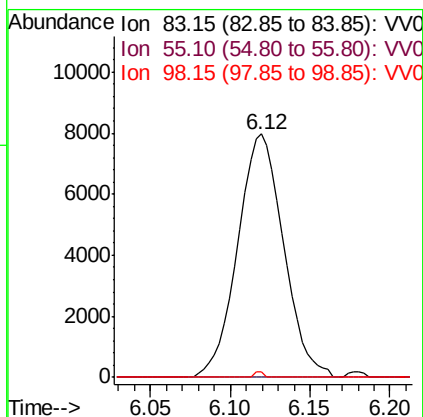
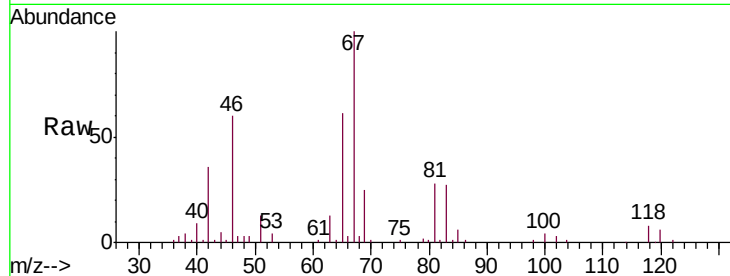




#35
Methylcyclohexane
Concen: 0.870 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV011980.D
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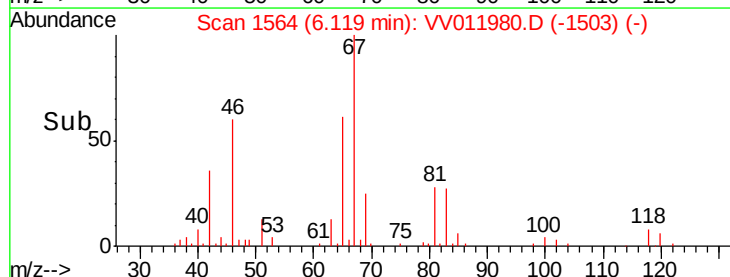
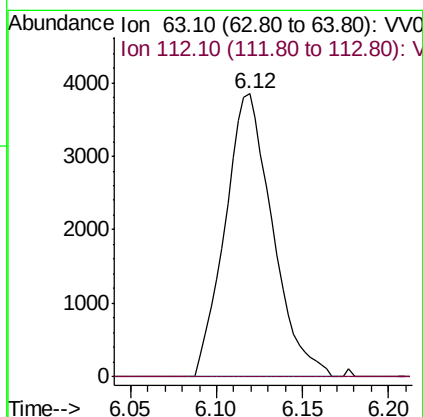
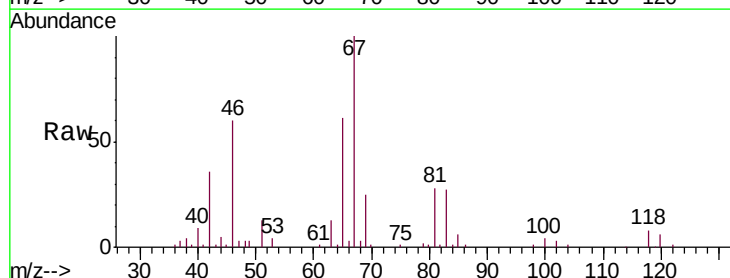
Instrument :
MSVOA_V
ClientSampled :
VBLK54

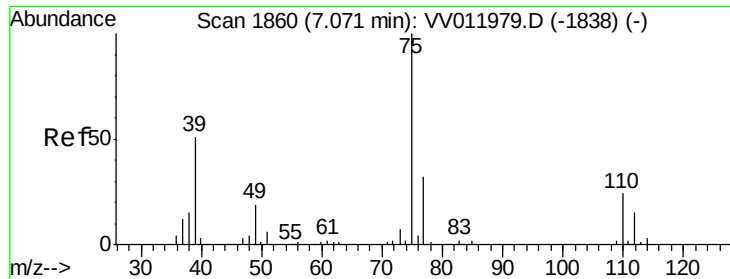
Tgt Ion: 83 Resp: 15615
Ion Ratio Lower Upper
83 100
55 0.0 63.0 94.4#
98 0.5 41.4 62.0#



#37
1,2-Dichloropropane
Concen: 0.744 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV011980.D
Acq: 23 Jul 2019 22:34

Tgt Ion: 63 Resp: 7426
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#

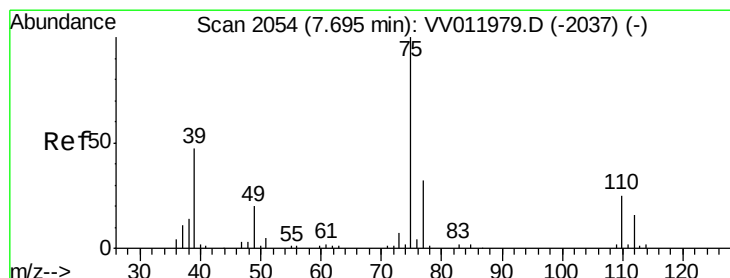
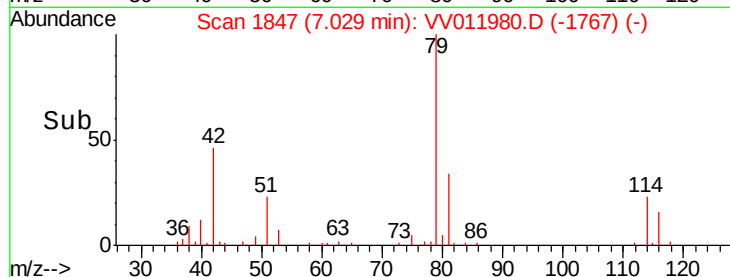
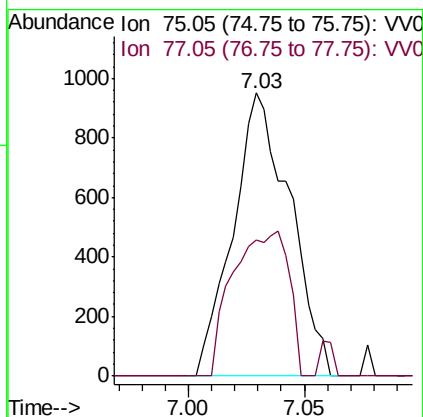
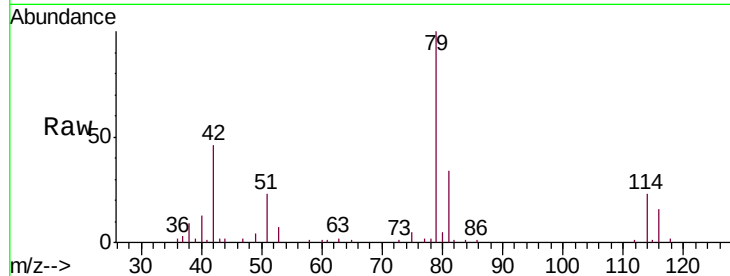




#39
 cis-1,3-Dichloropropene
 Concen: 0.109 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011980.D
 Acq: 23 Jul 2019 22:34

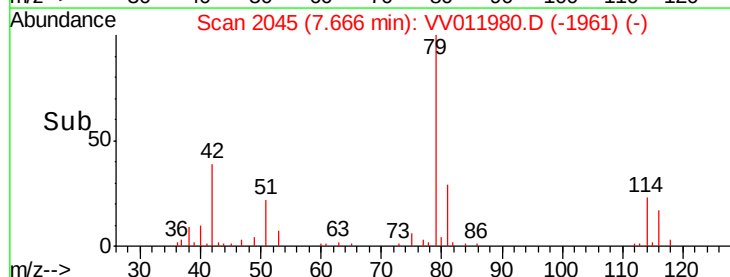
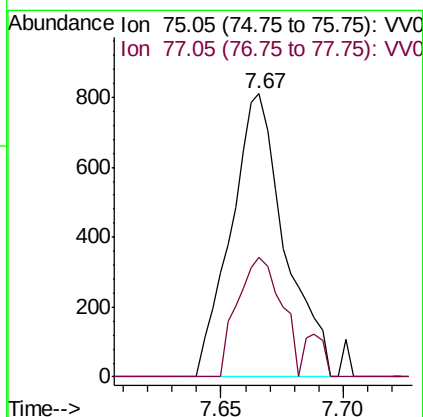
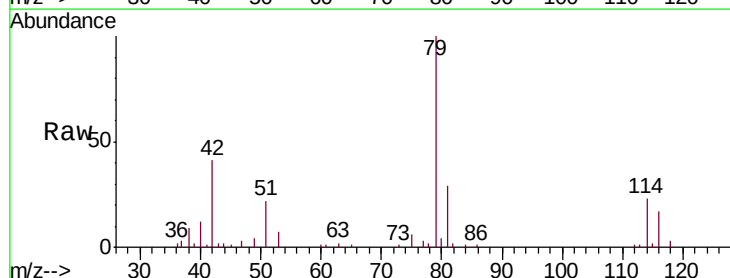
Instrument :
 MSVOA_V
 ClientSampled :
 VBLK54

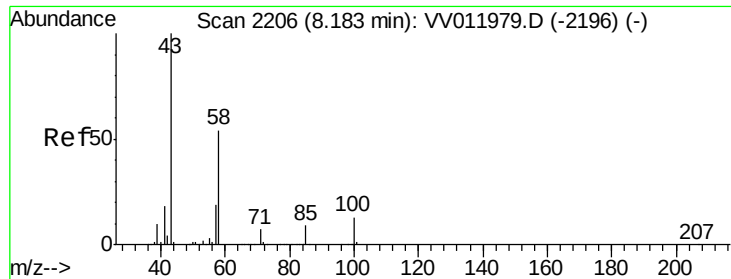
Tgt Ion: 75 Resp: 1617
 Ion Ratio Lower Upper
 75 100
 77 48.3 21.3 39.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.105 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV011980.D
 Acq: 23 Jul 2019 22:34

Tgt Ion: 75 Resp: 1235
 Ion Ratio Lower Upper
 75 100
 77 42.3 22.0 40.8#





#48
 2-Hexanone
 Concen: 3.386 ug/L
 RT: 8.14 min Scan# 2191
 Delta R.T. -0.05 min
 Lab File: VV011980.D
 Acq: 23 Jul 2019 22:34

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK54

Tgt Ion:	43	Resp:	13254
Ion	Ratio	Lower	Upper
43	100		
58	27.4	43.7	65.5#
57	26.4	16.0	24.0#
100	0.2	10.5	15.7#

