

Data File : VV012306.D
Acq On : 20 Aug 2019 11:54
Operator : SY/MD
Sample : VV0820WBL01
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK39

Quant Time: Aug 21 01:16:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 21 01:13:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	133490	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	122699	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	61770	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22962	3.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.20%
7) Chloroethane-d5	1.58	69	20158	4.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.80%
11) 1,1-Dichloroethene-d2	2.13	63	41319	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	3.96	46	80312	43.67	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.34%
24) Chloroform-d	4.40	84	82698	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.08	65	44042	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.09	84	159048	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.12	67	41555	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	7.36	98	154937	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
43) trans-1,3-Dichloropropene-	7.66	79	19729	5.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.20%
46) 2-Hexanone-d5	8.14	63	67562	54.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.64%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	29700	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	64831	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

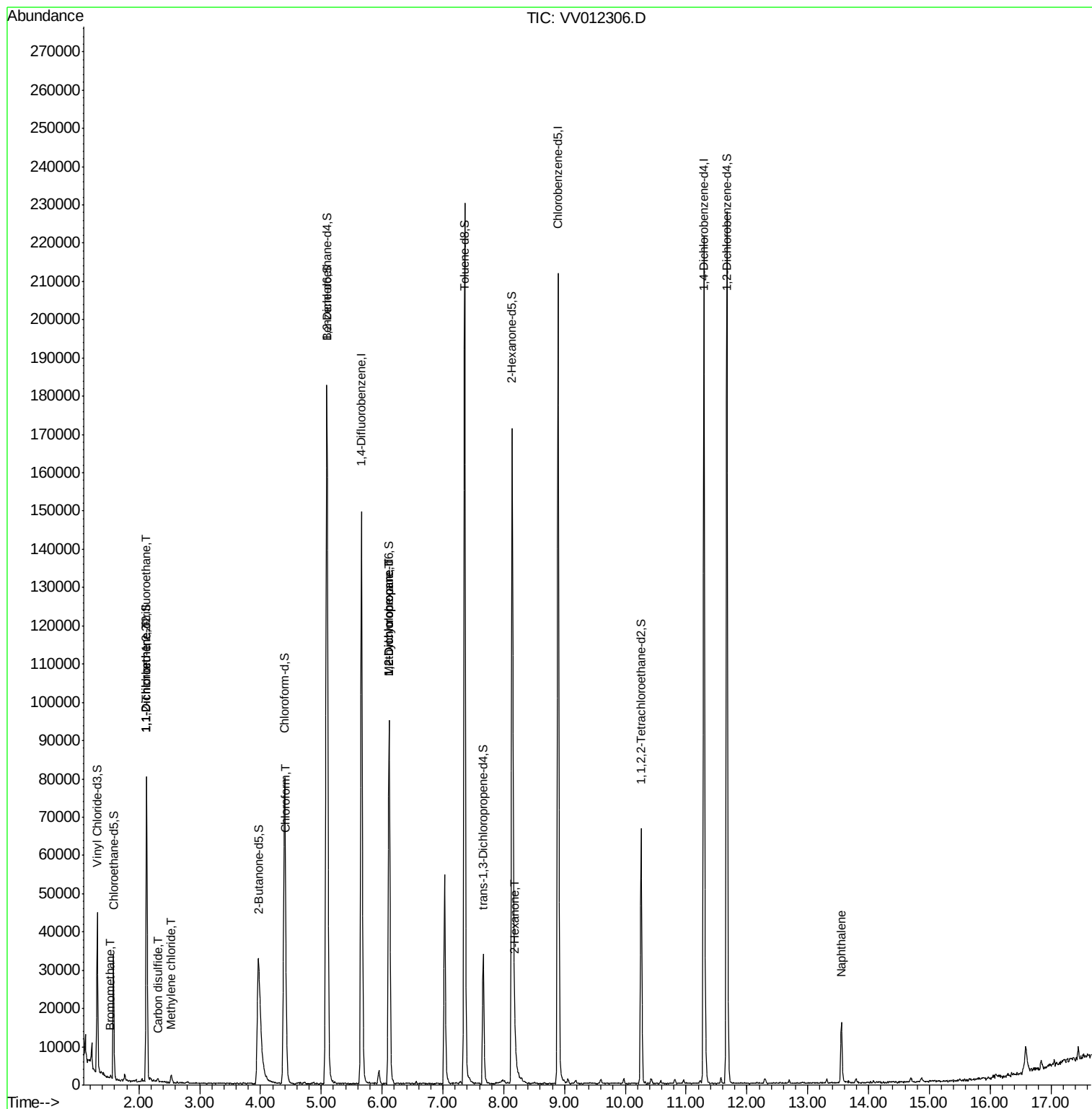
						Qvalue
6) Bromomethane	1.54	94	414	0.092	ug/L #	70
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	755	0.111	ug/L #	15
12) 1,1-Dichloroethene	2.13	96	508	0.083	ug/L #	1
14) Carbon disulfide	2.31	76	841	0.049	ug/L #	72
16) Methylene chloride	2.53	84	668	0.105	ug/L	81
25) Chloroform	4.42	83	4233	0.220	ug/L	89
35) Methylcyclohexane	6.12	83	12533	0.841	ug/L #	20
37) 1,2-Dichloropropane	6.11	63	4925	0.620	ug/L #	81
48) 2-Hexanone	8.19	43	3348	1.116	ug/L #	86
69) Naphthalene	13.56	128	14320	0.830	ug/L #	94

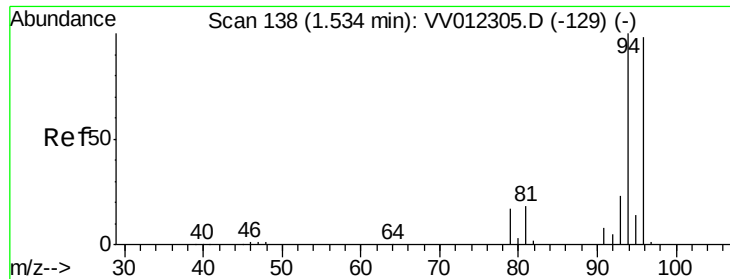
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.092 ug/L

RT: 1.54 min Scan# 139

Delta R.T. 0.00 min

Lab File: VV012306.D

Acq: 20 Aug 2019 11:54

Instrument :

MSVOA_V

ClientSampleId :

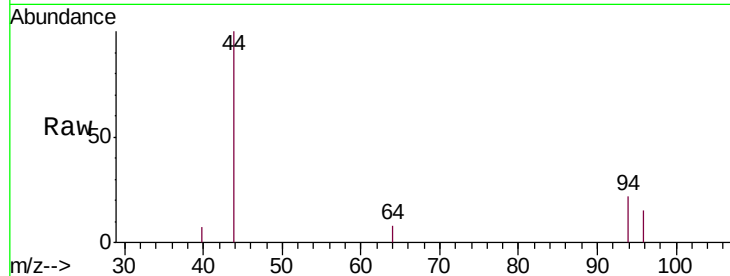
VBLK39

Tgt Ion: 94 Resp: 414

Ion Ratio Lower Upper

94 100

96 66.4 67.3 125.1#



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0

1.54

400

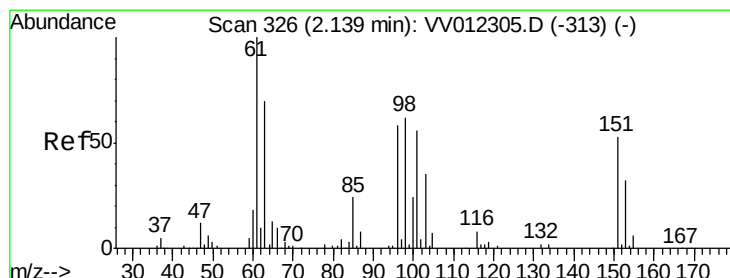
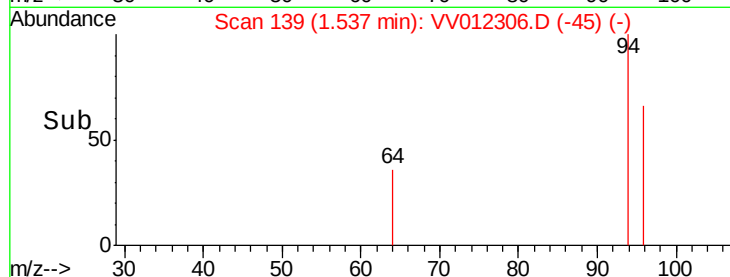
300

200

100

0

Time-->



#10

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

Concen: 0.111 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012306.D

Acq: 20 Aug 2019 11:54

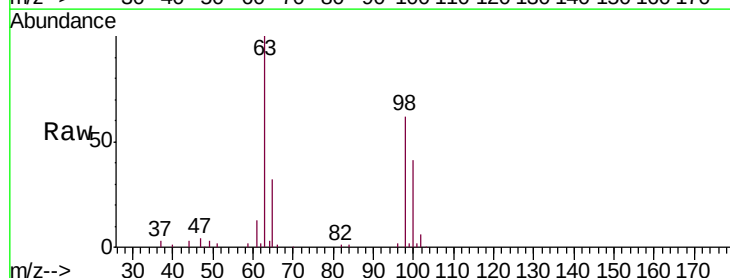
Tgt Ion: 101 Resp: 755

Ion Ratio Lower Upper

101 100

85 2.8 34.9 52.3#

151 0.0 71.5 107.3#



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

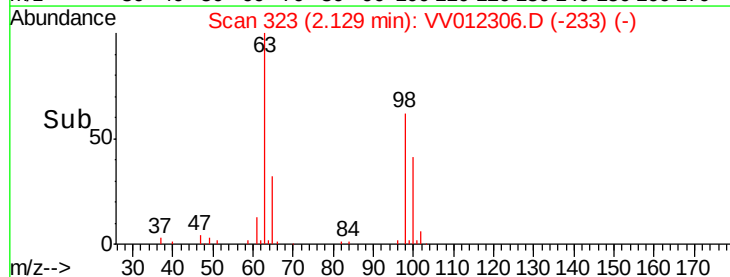
600

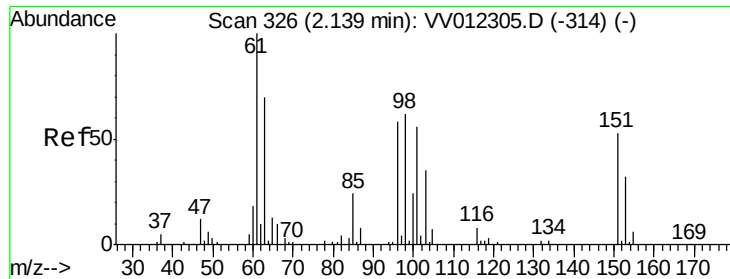
400

200

0

Time-->

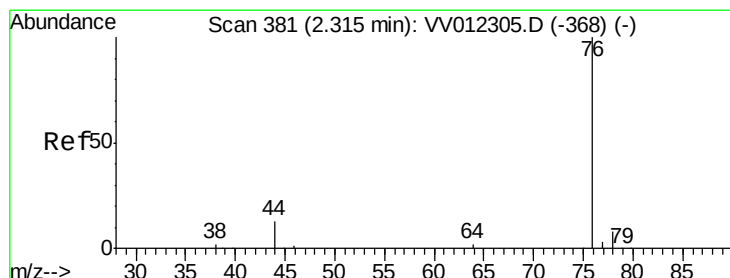
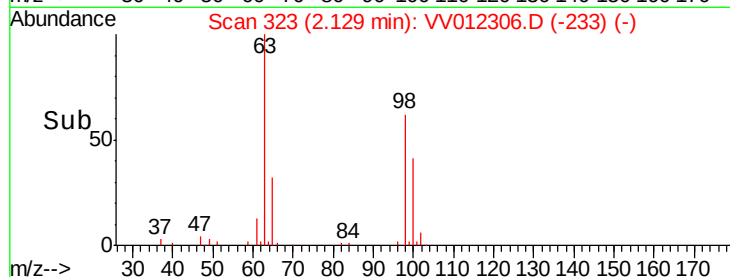
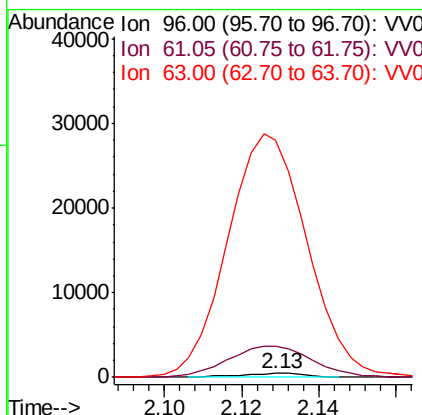
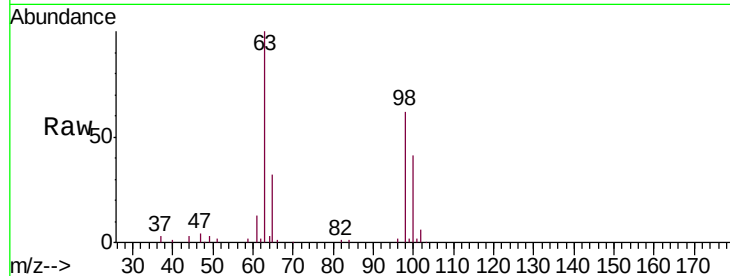




#12
 1,1-Dichloroethene
 Concen: 0.083 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV012306.D
 Acq: 20 Aug 2019 11:54

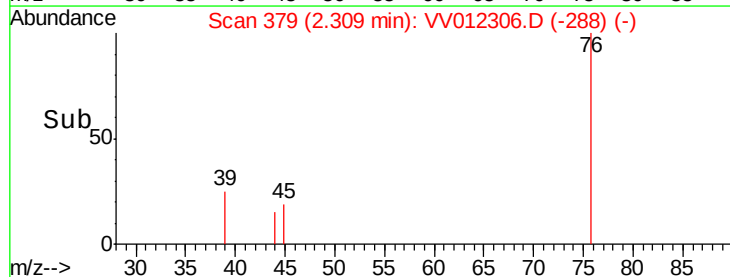
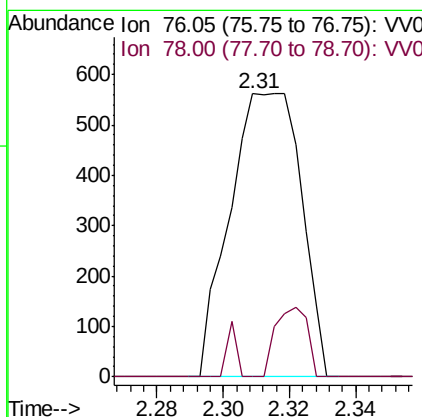
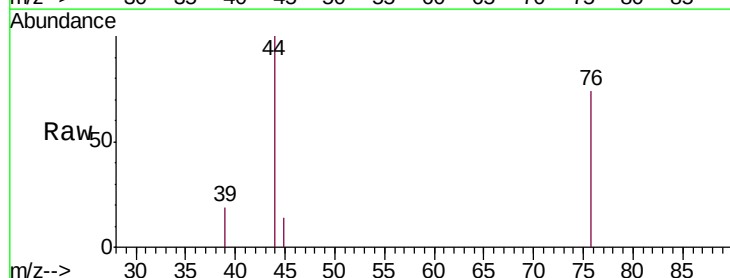
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK39

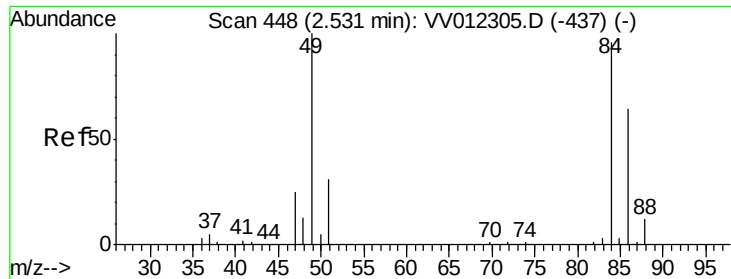
Tgt Ion: 96 Resp: 508
 Ion Ratio Lower Upper
 96 100
 61 796.6 117.7 218.7#
 63 6024.1 81.1 150.5#



#14
 Carbon disulfide
 Concen: 0.049 ug/L
 RT: 2.31 min Scan# 379
 Delta R.T. -0.01 min
 Lab File: VV012306.D
 Acq: 20 Aug 2019 11:54

Tgt Ion: 76 Resp: 841
 Ion Ratio Lower Upper
 76 100
 78 0.0 8.3 12.5#

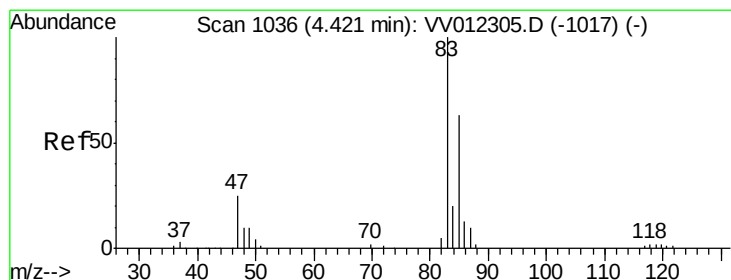
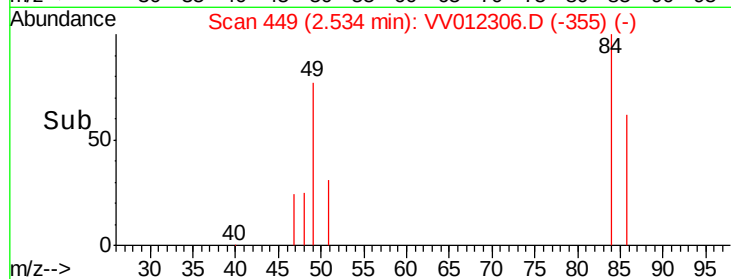
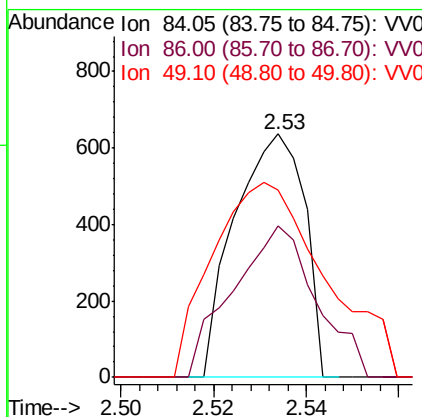
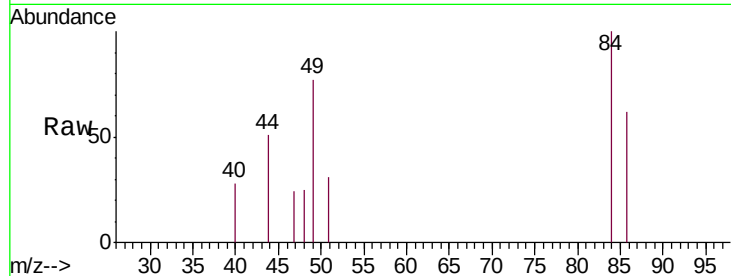




#16
Methylene chloride
Concen: 0.105 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV012306.D
Acq: 20 Aug 2019 11:54

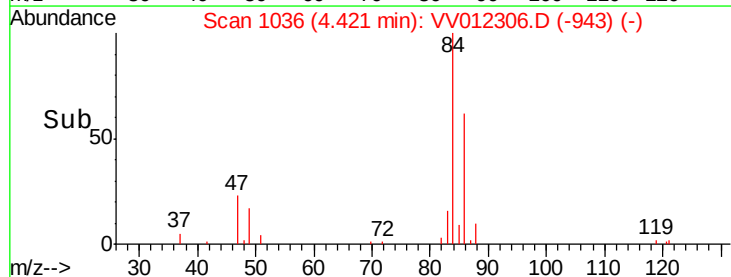
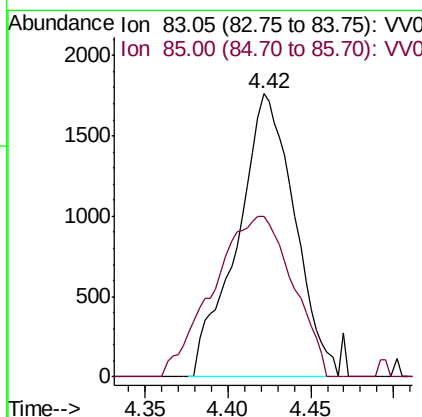
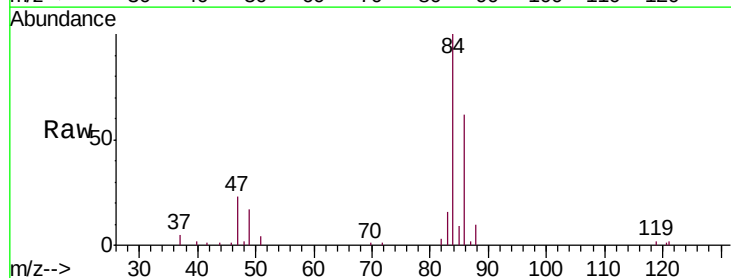
Instrument :
MSVOA_V
ClientSampleId :
VBLK39

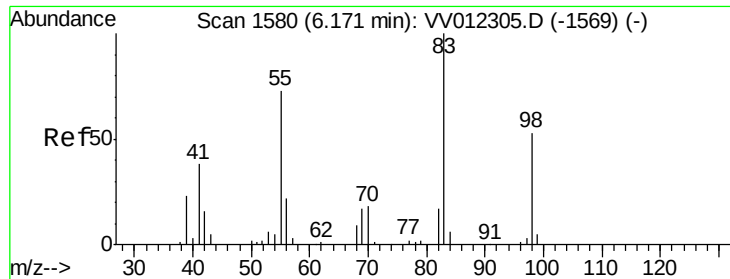
Tgt Ion: 84 Resp: 668
Ion Ratio Lower Upper
84 100
86 62.3 49.5 91.9
49 76.9 72.1 133.9



#25
Chloroform
Concen: 0.220 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV012306.D
Acq: 20 Aug 2019 11:54

Tgt Ion: 83 Resp: 4233
Ion Ratio Lower Upper
83 100
85 56.9 46.1 85.5

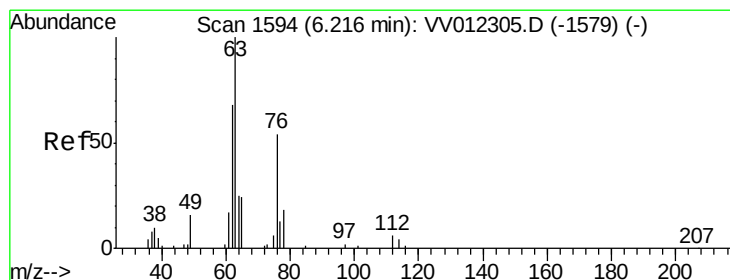
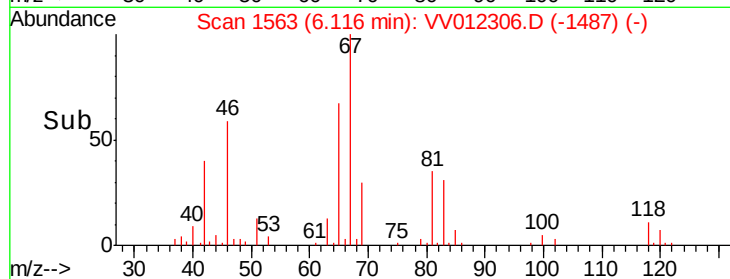
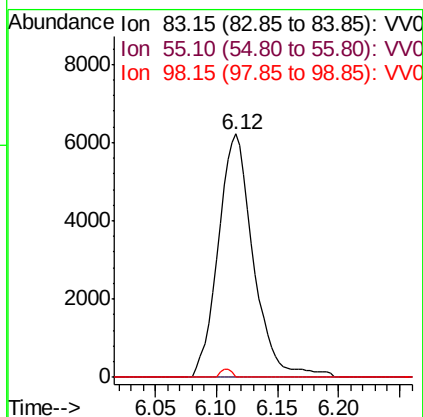
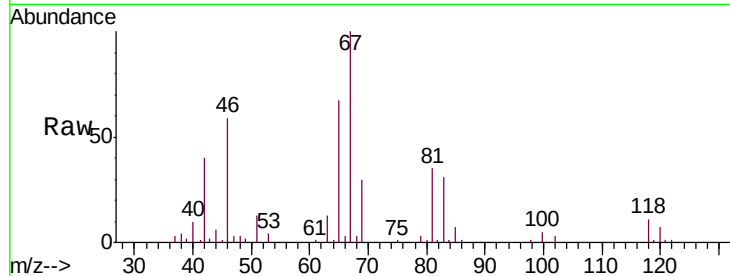




#35
Methylcyclohexane
Concen: 0.841 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV012306.D
Acq: 20 Aug 2019 11:54

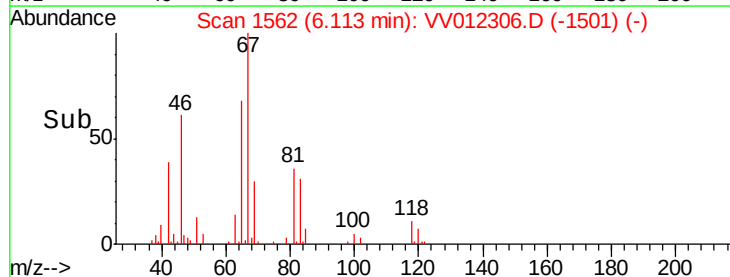
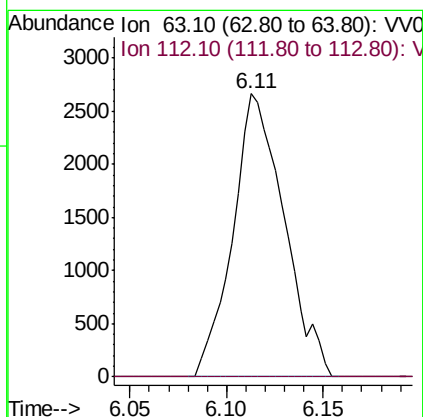
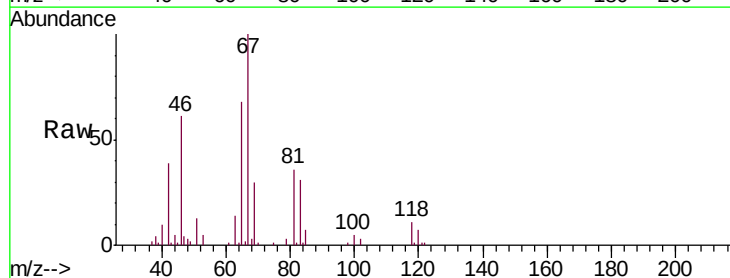
Instrument :
MSVOA_V
ClientSampleId :
VBLK39

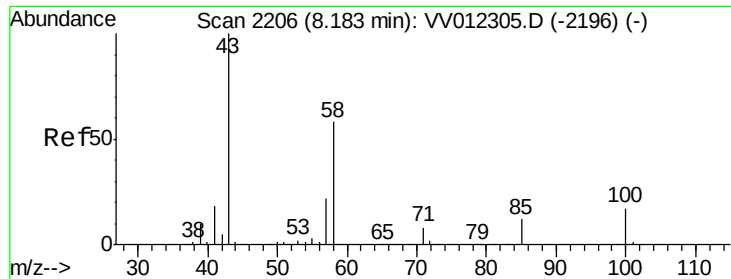
Tgt Ion: 83 Resp: 12533
Ion Ratio Lower Upper
83 100
55 0.0 57.3 85.9#
98 1.0 40.3 60.5#



#37
1,2-Dichloropropane
Concen: 0.620 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV012306.D
Acq: 20 Aug 2019 11:54

Tgt Ion: 63 Resp: 4925
Ion Ratio Lower Upper
63 100
112 0.0 5.1 7.7#

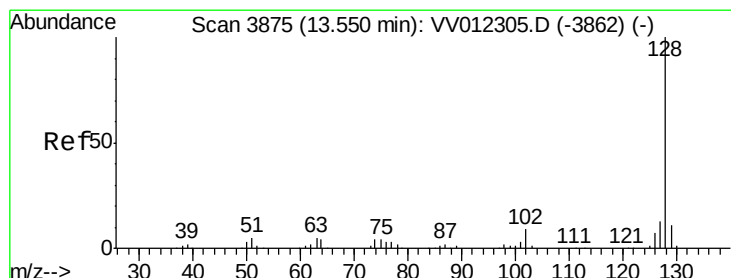
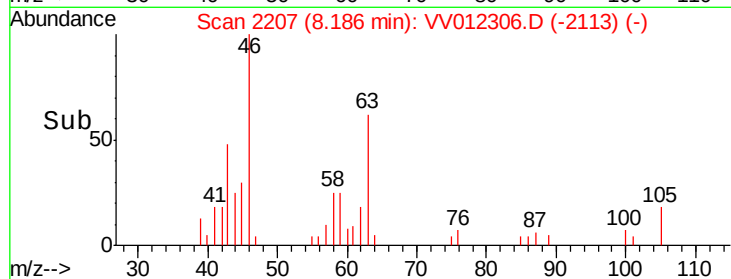
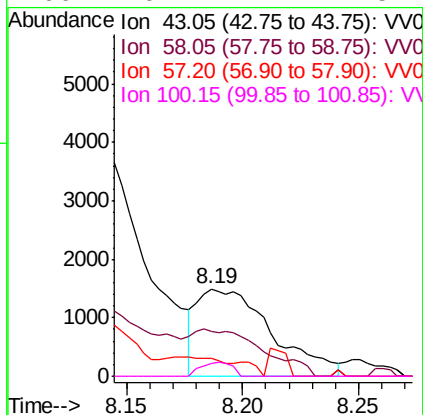
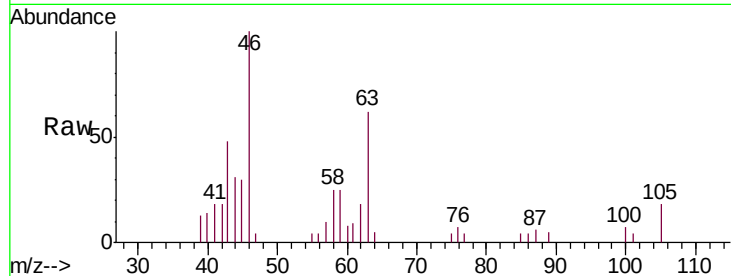




#48
2-Hexanone
Concen: 1.116 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VV012306.D
Acq: 20 Aug 2019 11:54

Instrument :
MSVOA_V
ClientSampleId :
VBLK39

Tgt Ion: 43 Resp: 3348
Ion Ratio Lower Upper
43 100
58 52.7 45.4 68.2
57 6.2 16.8 25.2#
100 6.7 12.2 18.2#



#69
Naphthalene
Concen: 0.830 ug/L
RT: 13.56 min Scan# 3877
Delta R.T. 0.01 min
Lab File: VV012306.D
Acq: 20 Aug 2019 11:54

Tgt Ion: 128 Resp: 14320
Ion Ratio Lower Upper
128 100
129 13.0 8.7 13.1
127 16.0 10.5 15.7#

