

Data File : VV012803.D
Acq On : 15 Sep 2019 18:23
Operator : SY/MD
Sample : VV0915WBL02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK57

Quant Time: Sep 16 08:17:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 16 08:14:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	410216	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	405567	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	162133	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	151336	5.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.80%
7) Chloroethane-d5	1.58	69	128107	5.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.40%
11) 1,1-Dichloroethene-d2	2.13	63	192963	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.80%
20) 2-Butanone-d5	3.98	46	291197	43.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.98%
24) Chloroform-d	4.40	84	249325	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.08	65	129340	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.09	84	512962	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
36) 1,2-Dichloropropane-d6	6.12	67	160439	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.36	98	408993	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	7.66	79	46716	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.14	63	147258	36.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.54%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	83667	3.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	138456	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

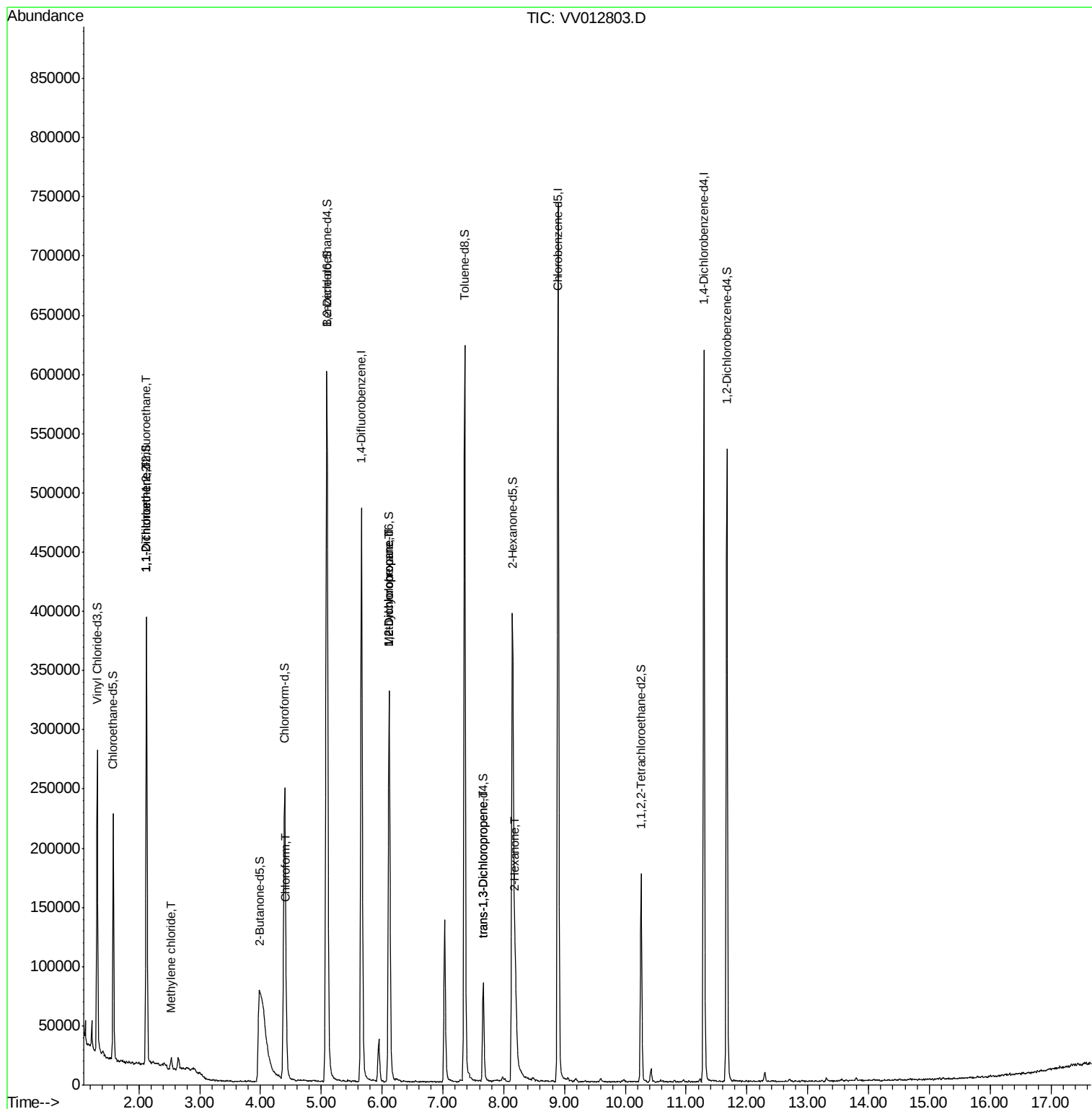
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2055	0.077	ug/L #	29
12) 1,1-Dichloroethene	2.13	96	1857	0.073	ug/L #	1
16) Methylene chloride	2.53	84	3780	0.121	ug/L	97
25) Chloroform	4.43	83	11238	0.189	ug/L	98
35) Methylcyclohexane	6.12	83	37462	0.809	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	17689	0.599	ug/L #	88
44) trans-1,3-Dichloropropene	7.67	75	2528	0.087	ug/L	89
48) 2-Hexanone	8.19	43	56226	4.801	ug/L #	86

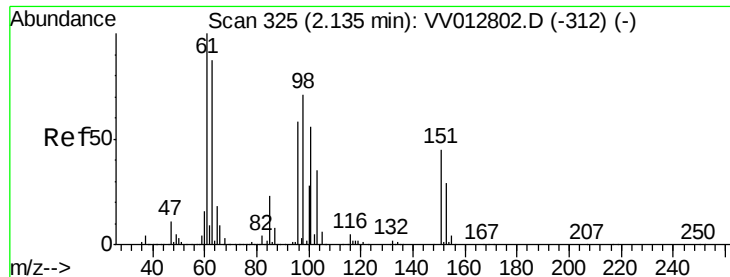
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.077 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

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Acq: 15 Sep 2019 18:23

Instrument :

MSVOA_V

ClientSampleId :

VBLK57

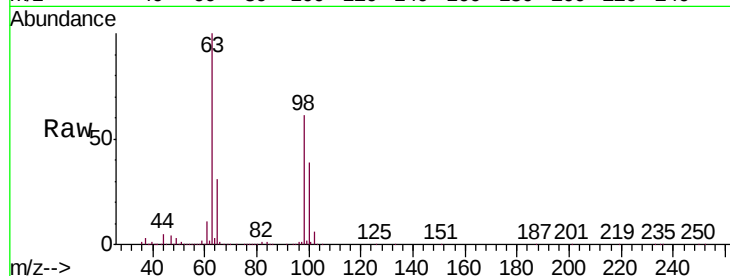
Tgt Ion: 101 Resp: 2055

Ion Ratio Lower Upper

101 100

85 5.8 33.0 49.6#

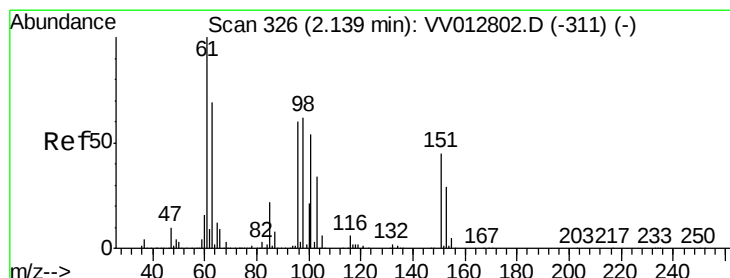
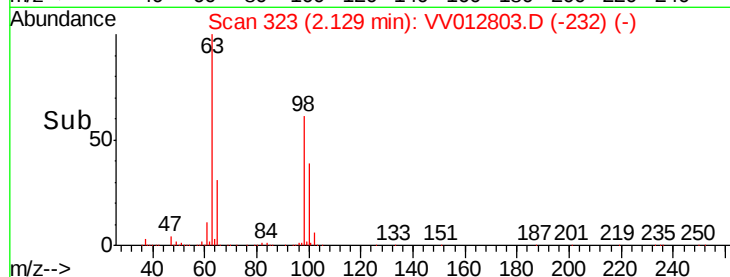
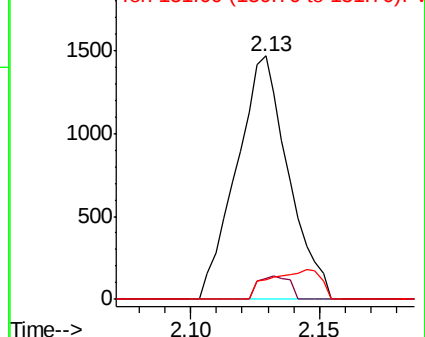
151 11.9 65.8 98.8#



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



#12

1,1-Dichloroethene

Concen: 0.073 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012803.D

Acq: 15 Sep 2019 18:23

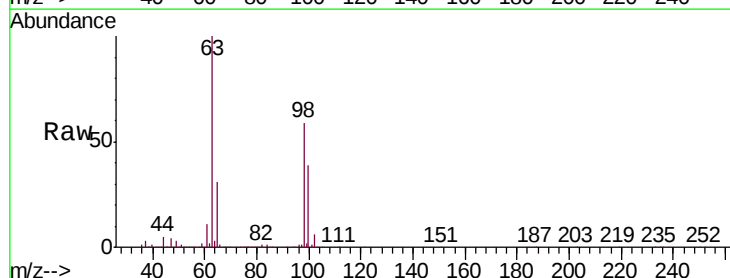
Tgt Ion: 96 Resp: 1857

Ion Ratio Lower Upper

96 100

61 1528.7 115.8 215.0#

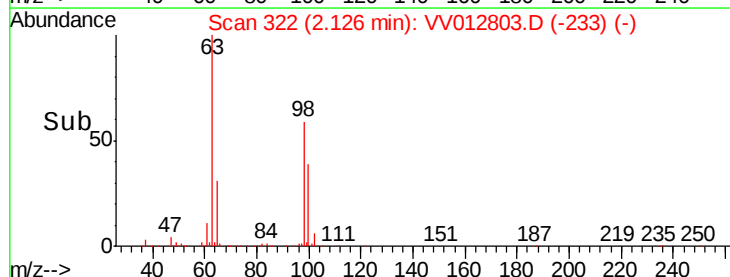
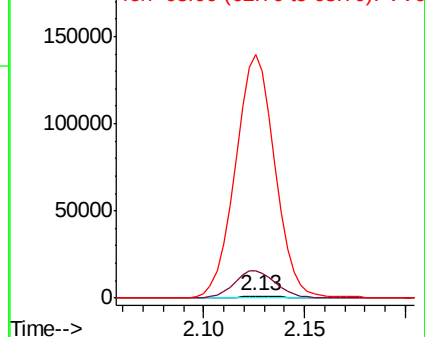
63 13357.3 79.4 147.4#

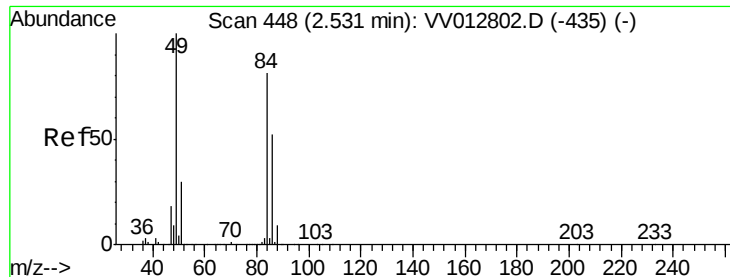


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

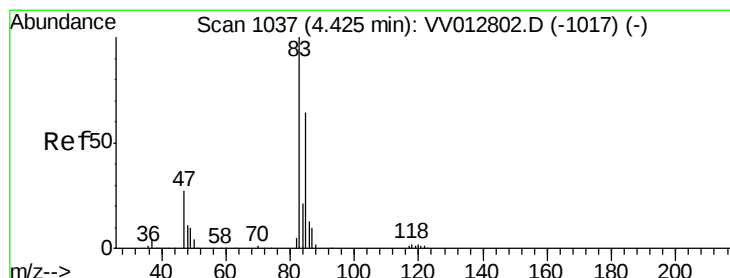
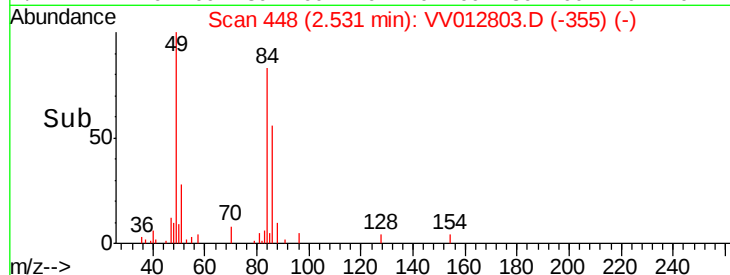
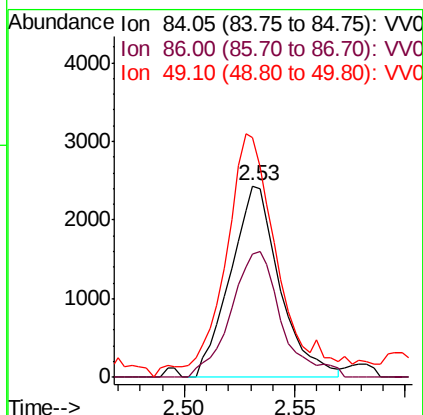
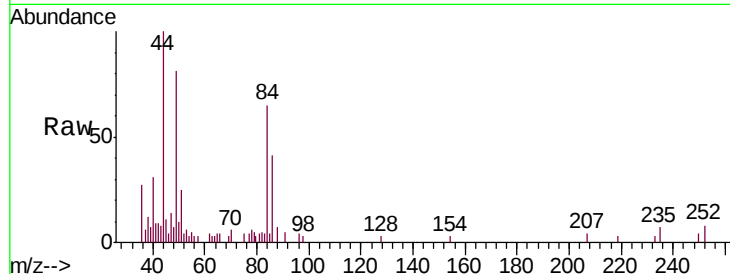




#16
Methylene chloride
Concen: 0.121 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV012803.D
Acq: 15 Sep 2019 18:23

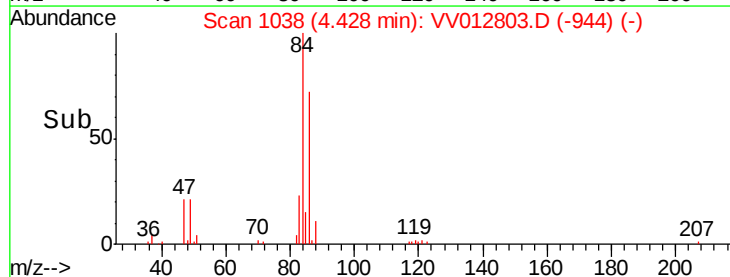
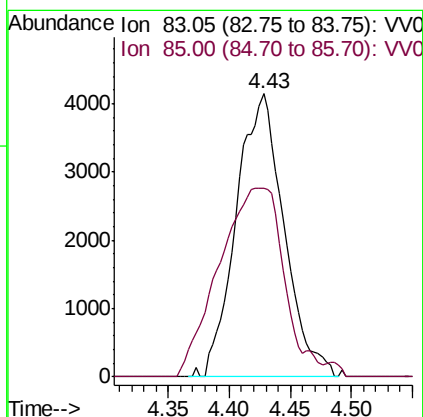
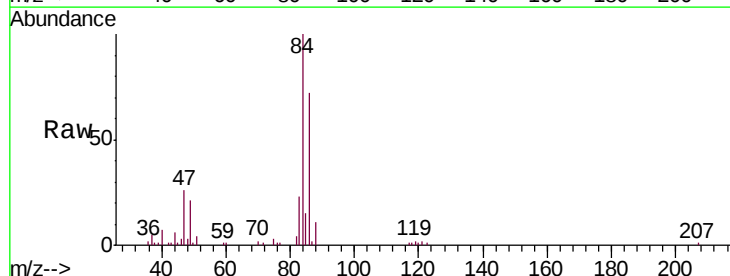
Instrument :
MSVOA_V
ClientSampleId :
VBLK57

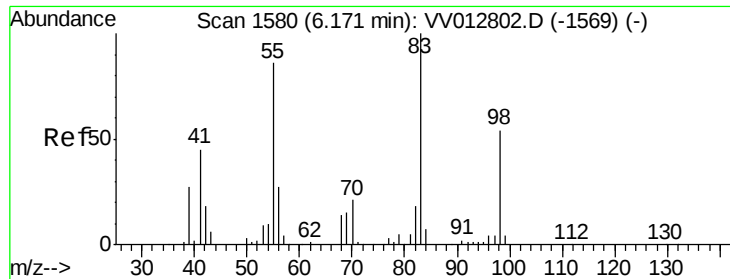
Tgt Ion: 84 Resp: 3780
Ion Ratio Lower Upper
84 100
86 64.2 46.1 85.7
49 125.2 85.3 158.3



#25
Chloroform
Concen: 0.189 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012803.D
Acq: 15 Sep 2019 18:23

Tgt Ion: 83 Resp: 11238
Ion Ratio Lower Upper
83 100
85 66.6 45.3 84.1

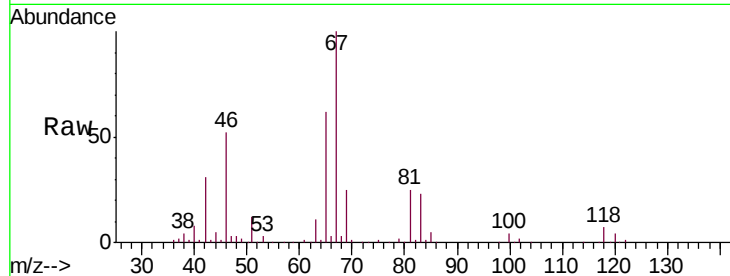




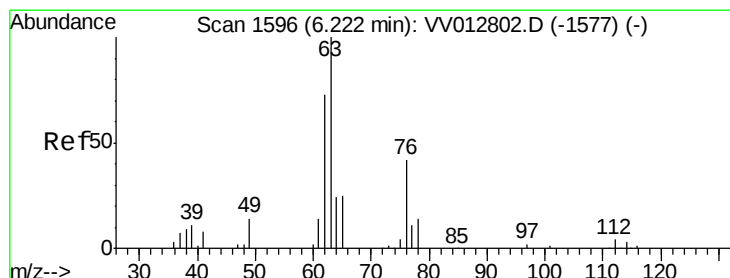
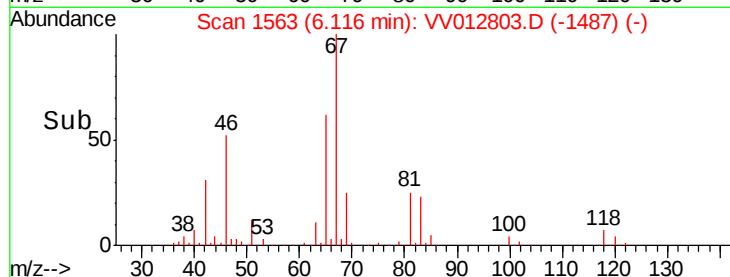
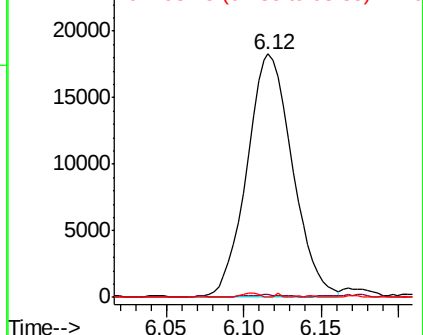
#35
Methylcyclohexane
Concen: 0.809 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV012803.D
Acq: 15 Sep 2019 18:23

Instrument :
MSVOA_V
ClientSampleId :
VBLK57

Tgt Ion: 83 Resp: 37462
Ion Ratio Lower Upper
83 100
55 0.9 63.0 94.4#
98 0.6 39.8 59.8#

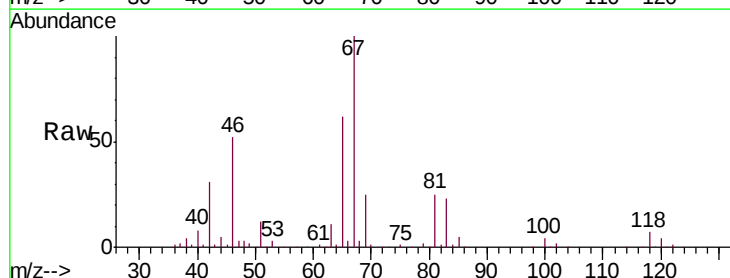


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

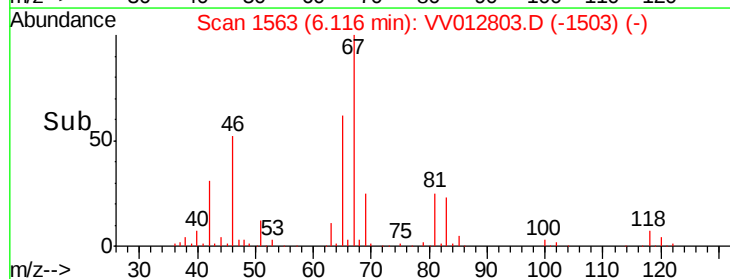
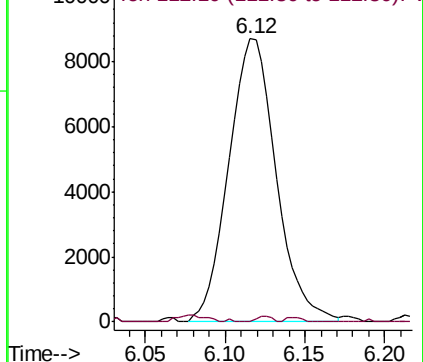


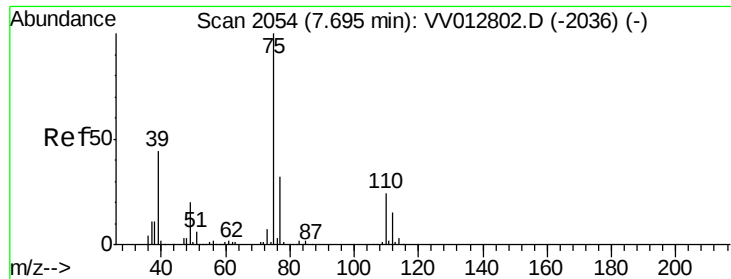
#37
1,2-Dichloropropane
Concen: 0.599 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV012803.D
Acq: 15 Sep 2019 18:23

Tgt Ion: 63 Resp: 17689
Ion Ratio Lower Upper
63 100
112 0.7 3.8 5.6#



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

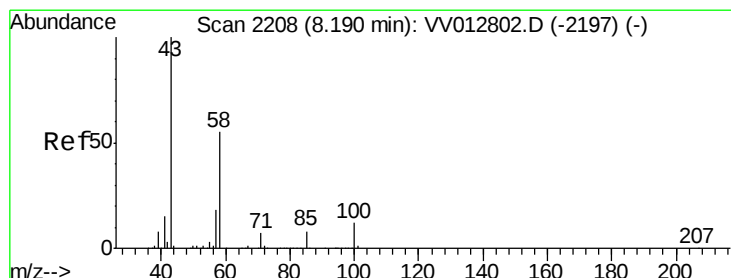
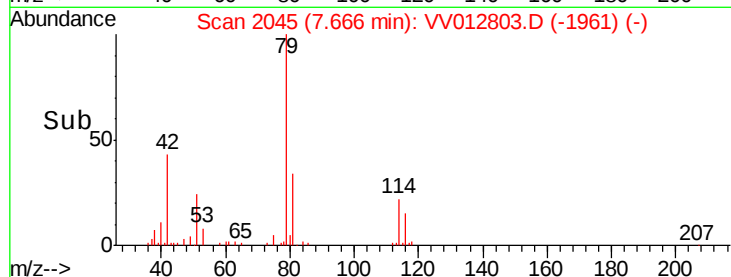
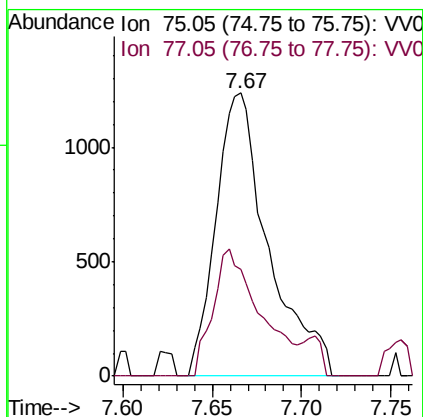
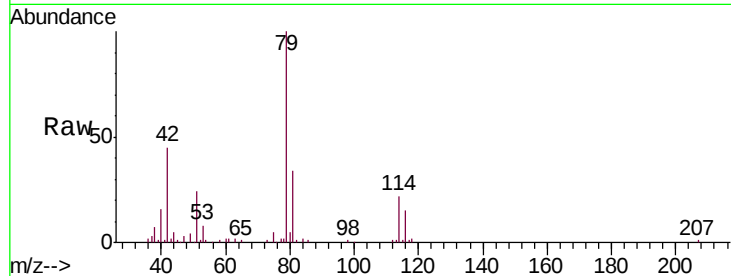




#44
trans-1,3-Dichloropropene
Concen: 0.087 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV012803.D
Acq: 15 Sep 2019 18:23

Instrument :
MSVOA_V
ClientSampled :
VBLK57

Tgt Ion: 75 Resp: 2528
Ion Ratio Lower Upper
75 100
77 37.9 22.4 41.6



#48
2-Hexanone
Concen: 4.801 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VV012803.D
Acq: 15 Sep 2019 18:23

Tgt Ion: 43 Resp: 56226
Ion Ratio Lower Upper
43 100
58 43.4 44.8 67.2#
57 15.6 14.9 22.3
100 8.4 9.8 14.8#

