

Data File : VV012392.D
Acq On : 26 Aug 2019 09:42
Operator : SY/MD
Sample : VV0826WBL01
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK41

Quant Time: Aug 27 02:22:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 27 02:19:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	254455	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	251516	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	101503	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55728	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.58	69	42695	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.13	63	76386	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	3.97	46	152459	44.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.96%
24) Chloroform-d	4.40	84	130001	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.08	65	65392	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	5.09	84	263350	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
36) 1,2-Dichloropropane-d6	6.12	67	81630	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.00%
41) Toluene-d8	7.36	98	216701	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
43) trans-1,3-Dichloropropene-	7.67	79	26829	3.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.40%
46) 2-Hexanone-d5	8.14	63	78749	36.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.18%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	48120	3.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	76305	4.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.20%

Target Compounds

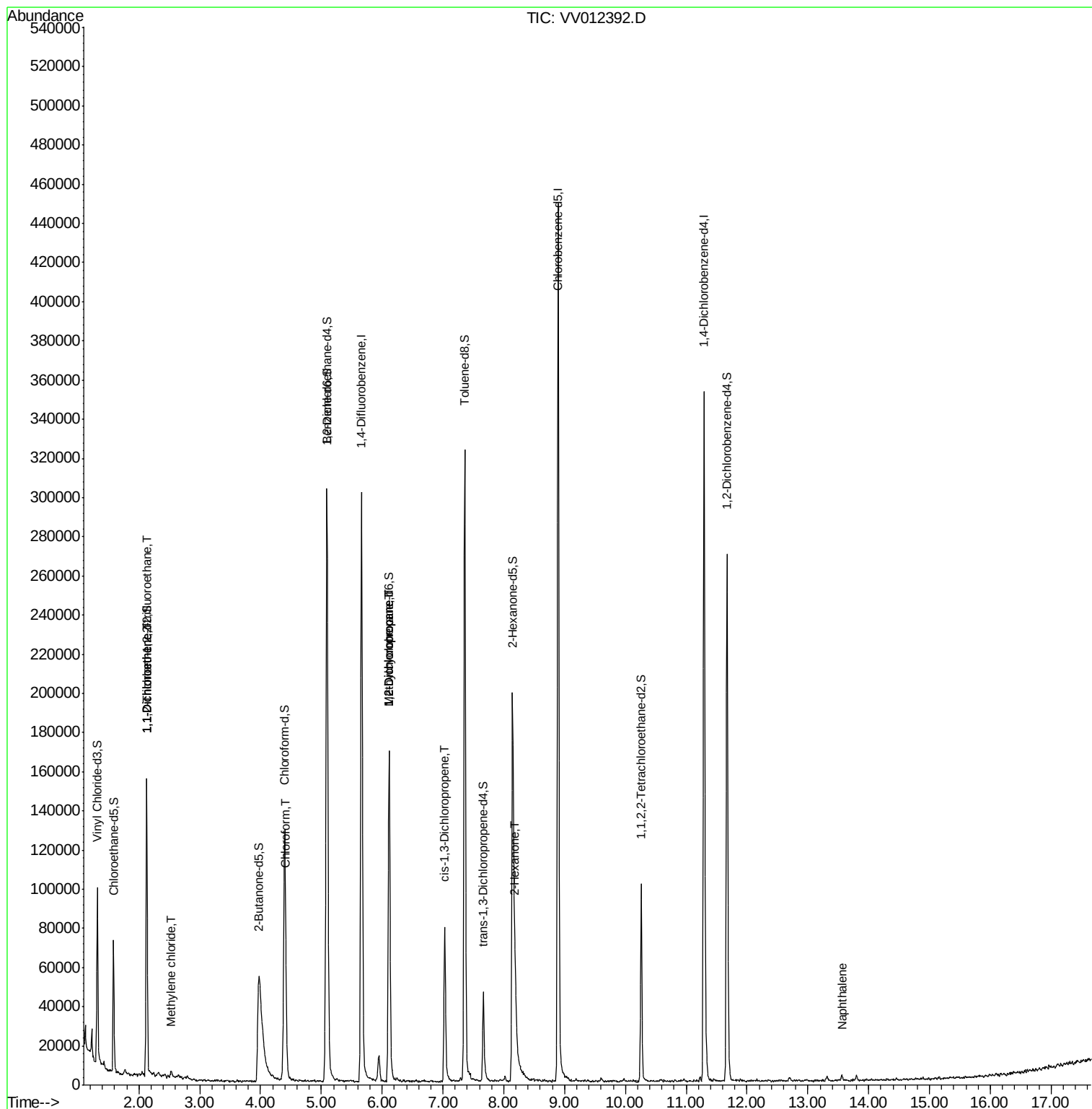
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	917	0.082	ug/L #	17
12) 1,1-Dichloroethene	2.13	96	914	0.090	ug/L #	1
16) Methylene chloride	2.53	84	1138	0.100	ug/L	94
25) Chloroform	4.42	83	7251	0.230	ug/L	82
35) Methylcyclohexane	6.11	83	19913	0.732	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	9094	0.560	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2006	0.092	ug/L #	65
48) 2-Hexanone	8.19	43	21691	3.453	ug/L #	76
69) Naphthalene	13.55	128	3122	0.153	ug/L #	86

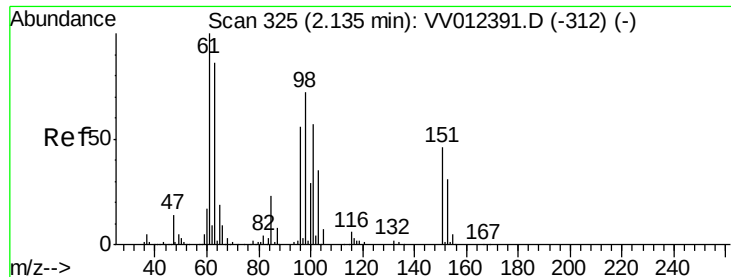
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV012392.D
Acq On : 26 Aug 2019 09:42
Operator : SY/MD
Sample : VV0826WBL01
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK41

Quant Time: Aug 27 02:22:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 27 02:19:39 2019
Response via : Initial Calibration





#10

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

Concen: 0.082 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012392.D

Acq: 26 Aug 2019 09:42

Instrument :

MSVOA_V

ClientSampled :

VBLK41

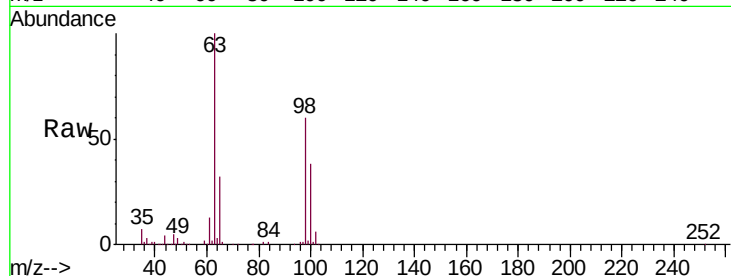
Tgt Ion: 101 Resp: 917

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

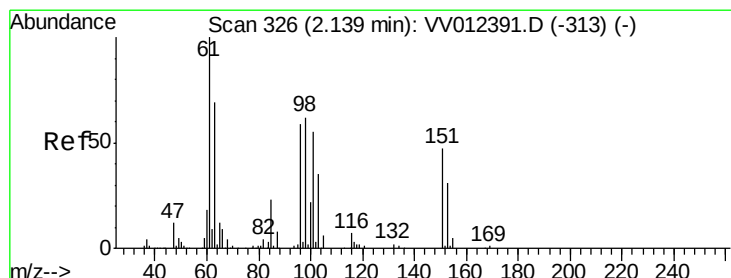
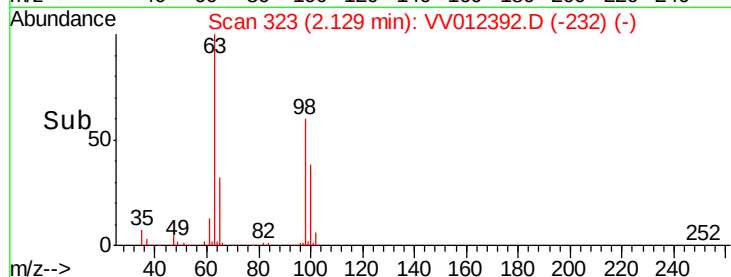
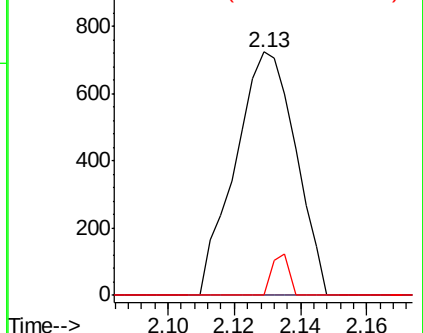
151 4.8 71.2 106.8#



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: 0.090 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012392.D

Acq: 26 Aug 2019 09:42

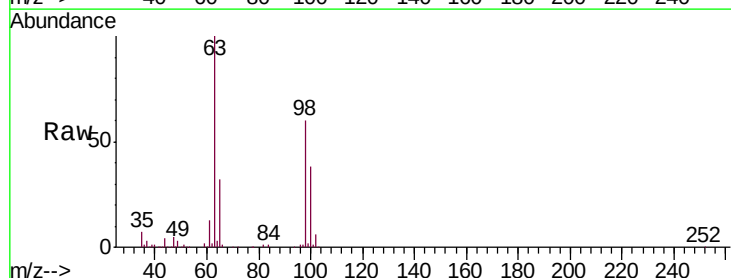
Tgt Ion: 96 Resp: 914

Ion Ratio Lower Upper

96 100

61 1230.9 122.3 227.1#

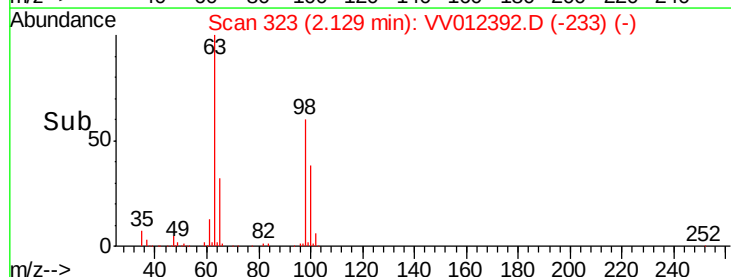
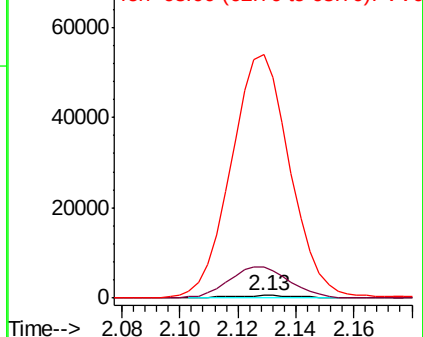
63 9750.5 90.6 168.2#

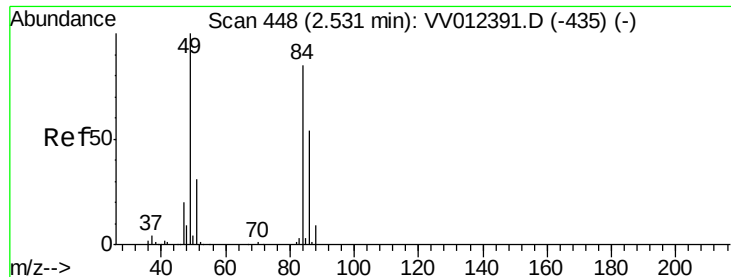


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

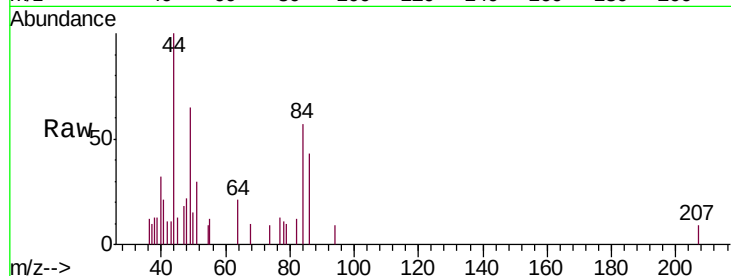




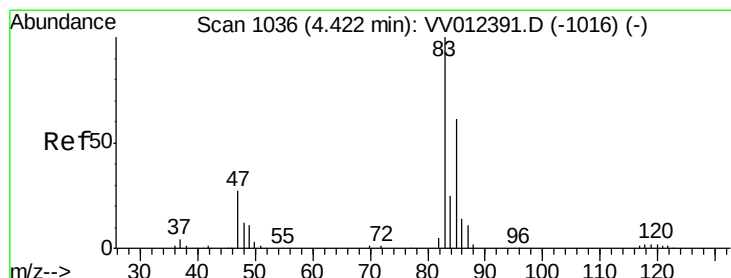
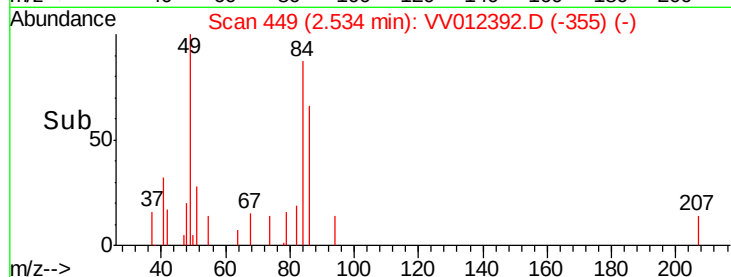
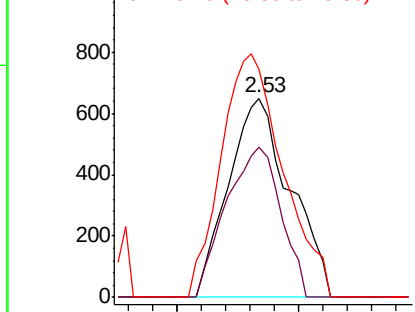
#16
Methylene chloride
Concen: 0.100 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV012392.D
Acq: 26 Aug 2019 09:42

Instrument :
MSVOA_V
ClientSampleId :
VBLK41

Tgt Ion: 84 Resp: 1138
Ion Ratio Lower Upper
84 100
86 75.5 44.9 83.5
49 114.8 81.1 150.7

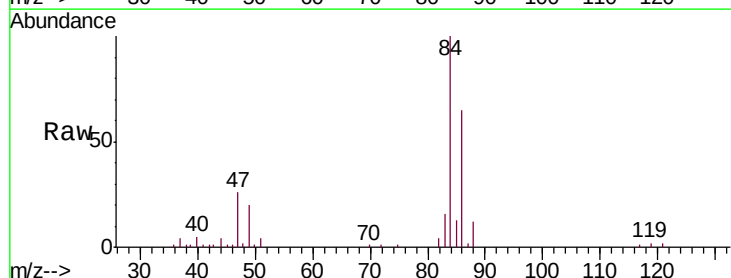


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

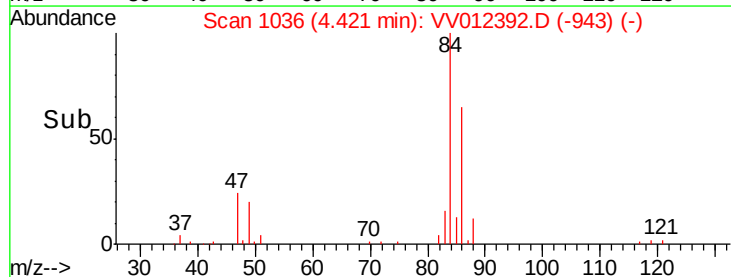
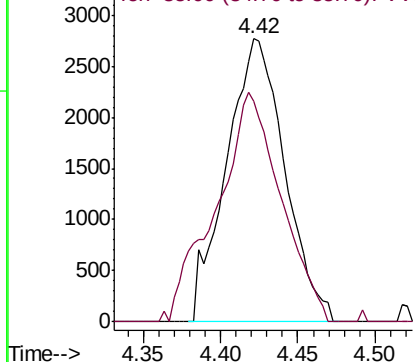


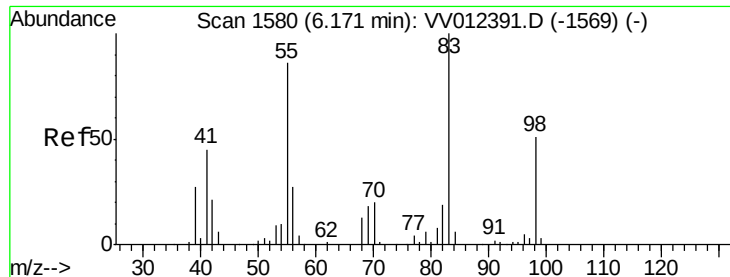
#25
Chloroform
Concen: 0.230 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV012392.D
Acq: 26 Aug 2019 09:42

Tgt Ion: 83 Resp: 7251
Ion Ratio Lower Upper
83 100
85 78.1 44.6 82.8



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

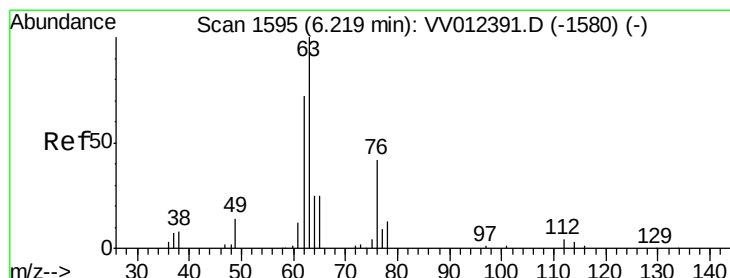
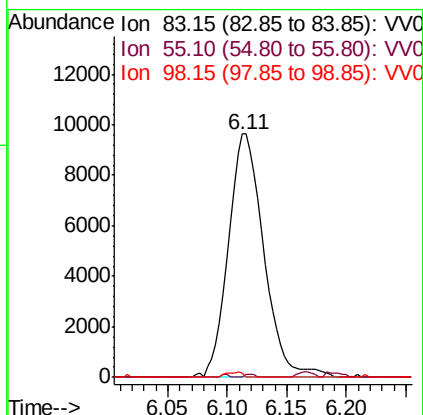
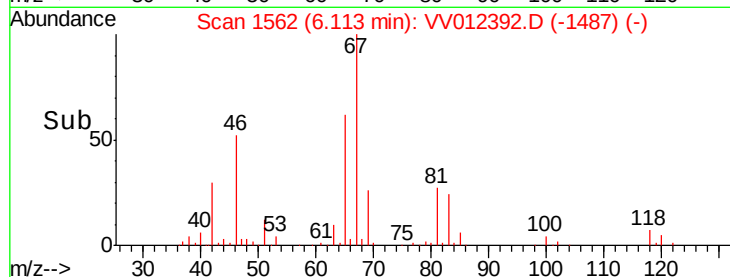
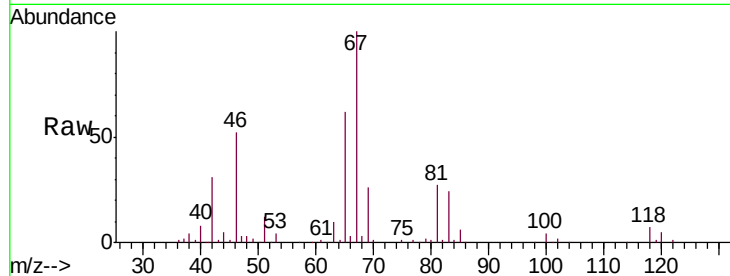




#35
Methylcyclohexane
Concen: 0.732 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV012392.D
Acq: 26 Aug 2019 09:42

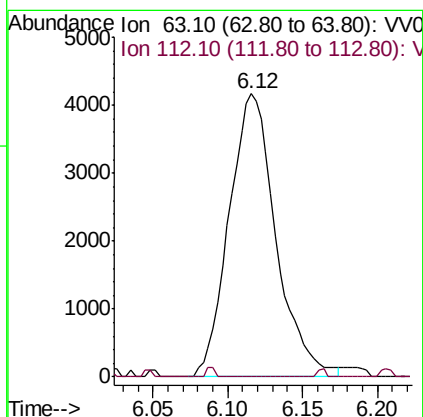
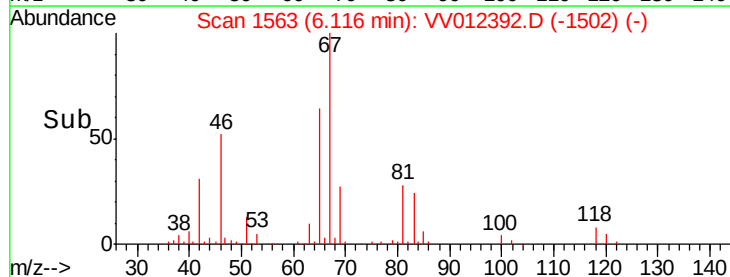
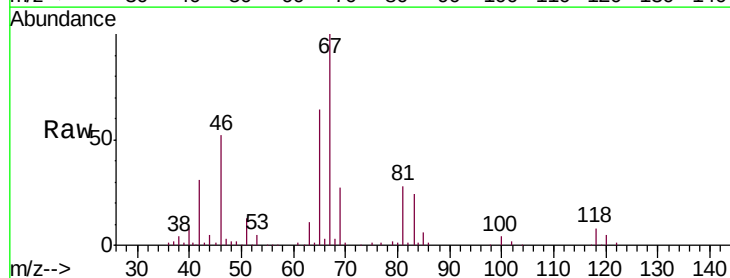
Instrument :
MSVOA_V
ClientSampled :
VBLK41

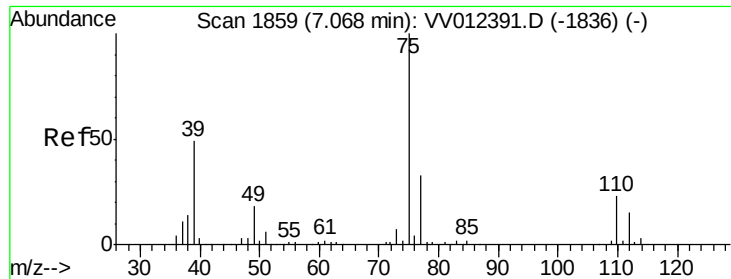
Tgt Ion: 83 Resp: 19913
Ion Ratio Lower Upper
83 100
55 0.4 64.6 97.0#
98 1.0 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.560 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012392.D
Acq: 26 Aug 2019 09:42

Tgt Ion: 63 Resp: 9094
Ion Ratio Lower Upper
63 100
112 0.6 4.2 6.2#

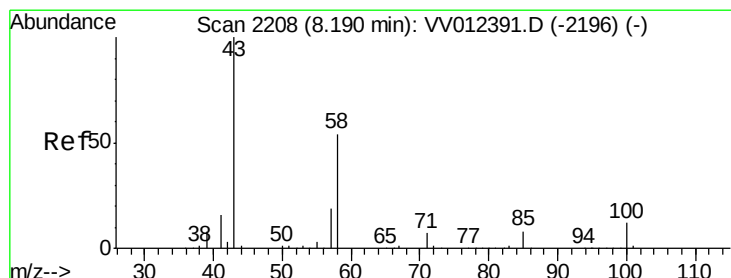
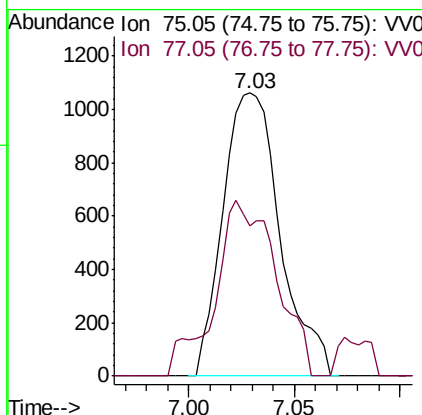
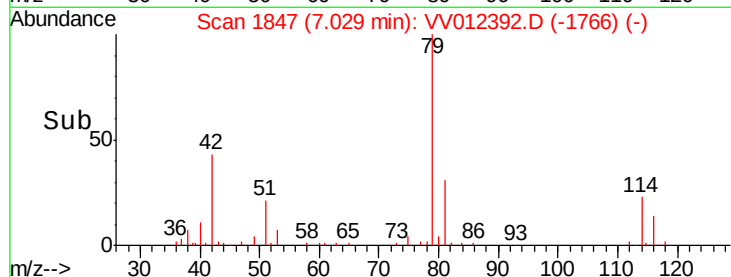
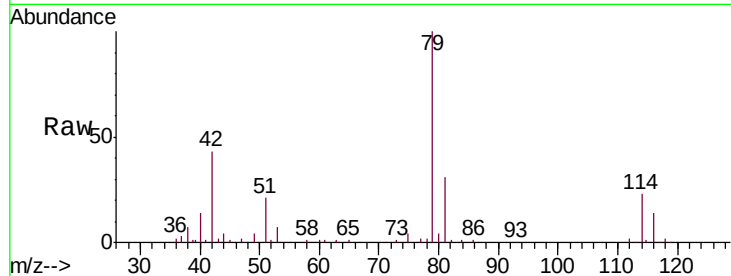




#39
 cis-1,3-Dichloropropene
 Concen: 0.092 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV012392.D
 Acq: 26 Aug 2019 09:42

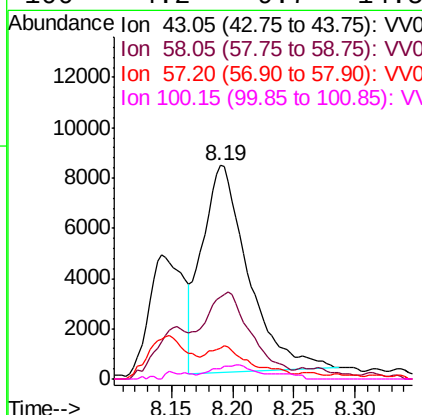
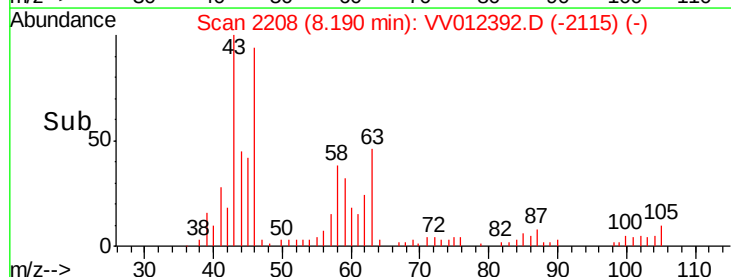
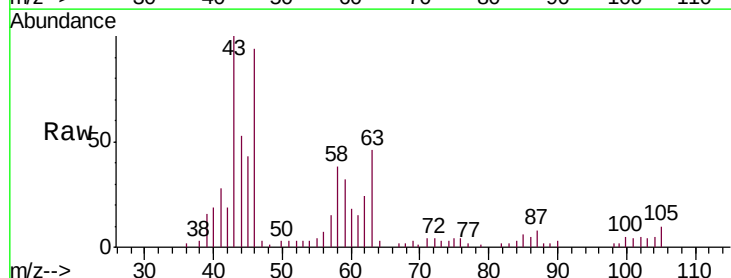
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK41

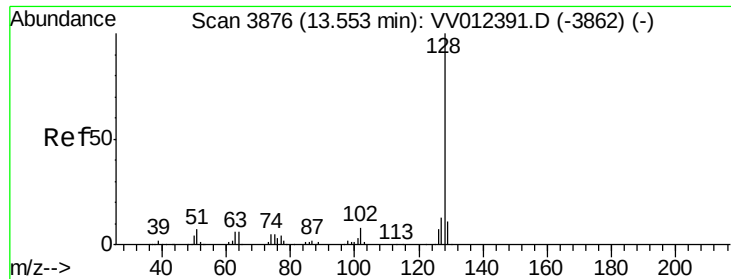
Tgt Ion: 75 Resp: 2006
 Ion Ratio Lower Upper
 75 100
 77 53.0 23.2 43.2#



#48
 2-Hexanone
 Concen: 3.453 ug/L
 RT: 8.19 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: VV012392.D
 Acq: 26 Aug 2019 09:42

Tgt Ion: 43 Resp: 21691
 Ion Ratio Lower Upper
 43 100
 58 35.9 46.3 69.5#
 57 14.4 14.9 22.3#
 100 4.2 9.7 14.5#





#69

Naphthalene

Concen: 0.153 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. -0.00 min

Lab File: VV012392.D

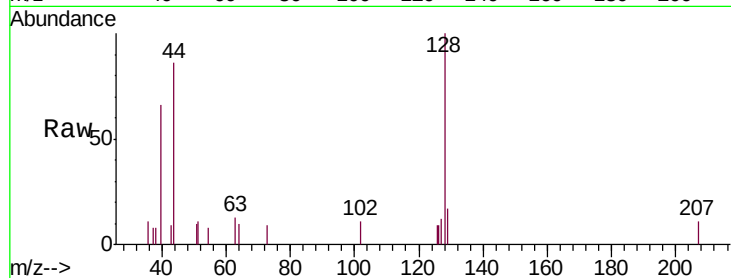
Acq: 26 Aug 2019 09:42

Instrument :

MSVOA_V

ClientSampleId :

VBLK41



Tgt Ion:128 Resp: 3122

Ion Ratio Lower Upper

128 100

129 8.2 8.6 12.8#

127 4.9 10.5 15.7#

