

Data File : VV012137.D
Acq On : 08 Aug 2019 21:42
Operator : SY/MD
Sample : VV0808WBL01
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK32

Quant Time: Aug 09 09:24:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 09 06:44:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	106263	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	99580	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	54637	5.00	ug/L	0.00

System Monitoring Compounds

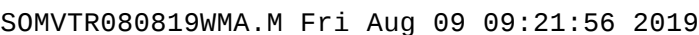
4) Vinyl Chloride-d3	1.32	65	24532	5.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.60%
7) Chloroethane-d5	1.58	69	17892	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.80%
11) 1,1-Dichloroethene-d2	2.13	63	36786	4.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.40%
20) 2-Butanone-d5	3.95	46	65745	56.33	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.66%
24) Chloroform-d	4.40	84	69404	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
26) 1,2-Dichloroethane-d4	5.08	65	37992	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.20%
32) Benzene-d6	5.10	84	130193	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
36) 1,2-Dichloropropane-d6	6.12	67	33937	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.36	98	130279	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
43) trans-1,3-Dichloropropene-	7.66	79	16979	5.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.60%
46) 2-Hexanone-d5	8.13	63	59547	55.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.88%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	28820	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	57052	5.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.40%

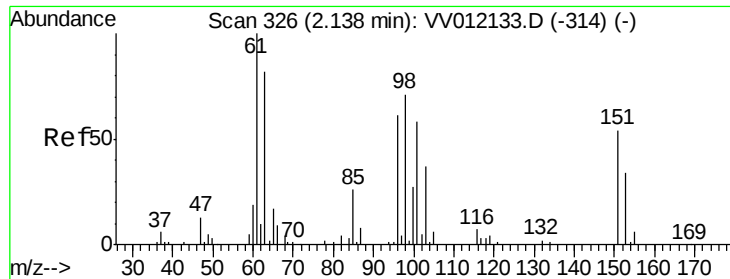
Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	407	0.089 ug/L #	12
12) 1,1-Dichloroethene	2.14	96	417	0.098 ug/L #	1
14) Carbon disulfide	2.32	76	693	0.059 ug/L #	64
16) Methylene chloride	2.53	84	526	0.117 ug/L	88
25) Chloroform	4.42	83	2260	0.172 ug/L #	74
27) 1,2-Dichloroethane	5.10	62	426	0.054 ug/L #	77
35) Methylcyclohexane	6.12	83	10313	0.920 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	4545	0.862 ug/L #	85
44) trans-1,3-Dichloropropene	7.66	75	796	0.103 ug/L	86
48) 2-Hexanone	8.14	43	8089	3.844 ug/L #	66
63) 1,4-Dichlorobenzene	11.32	146	1288	0.076 ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	1057	0.073 ug/L #	90
68) 1,2,4-trichlorobenzene	13.31	180	1212	0.101 ug/L	96
69) Naphthalene	13.56	128	1810	0.093 ug/L #	79

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

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration





#10

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

Concen: 0.089 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012137.D

Acq: 08 Aug 2019 21:42

Instrument :

MSVOA_V

ClientSampleId :

VBLK32

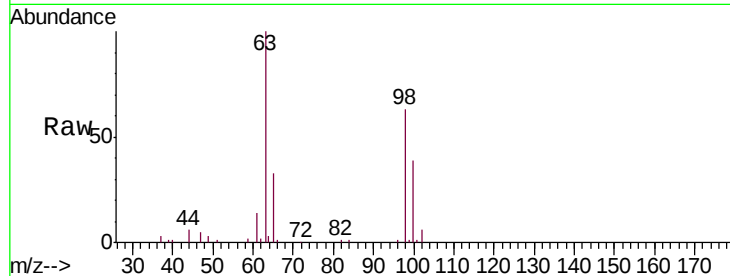
Tgt Ion: 101 Resp: 407

Ion Ratio Lower Upper

101 100

85 0.0 34.3 51.5#

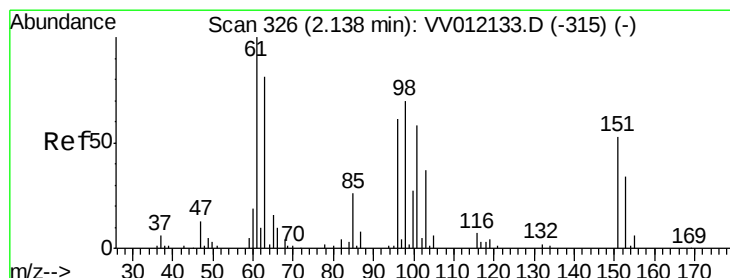
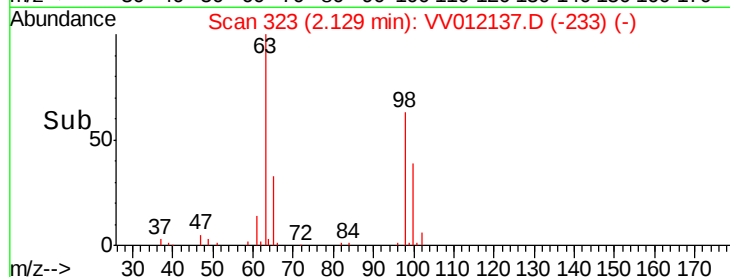
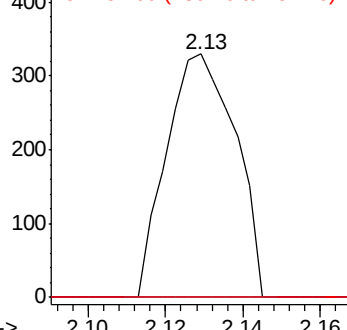
151 0.0 75.0 112.6#



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: 0.098 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV012137.D

Acq: 08 Aug 2019 21:42

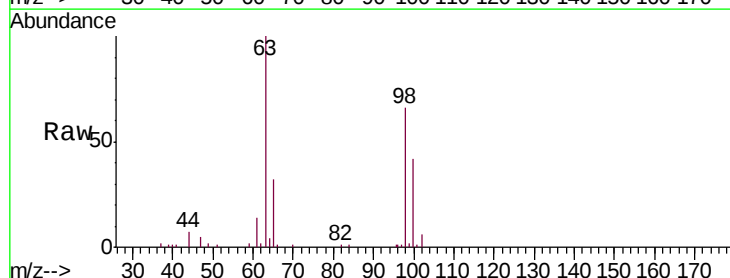
Tgt Ion: 96 Resp: 417

Ion Ratio Lower Upper

96 100

61 616.5 114.7 213.1#

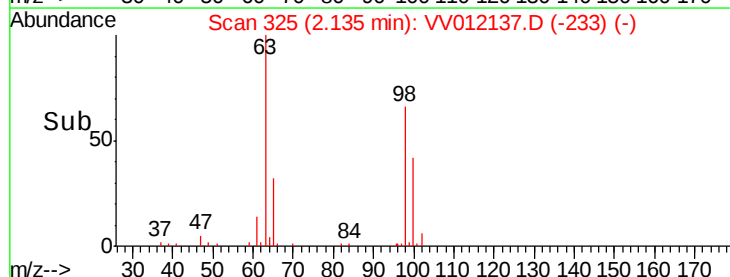
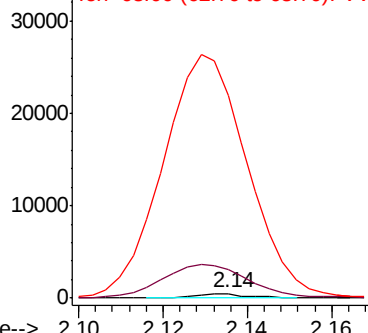
63 4358.7 94.9 176.3#

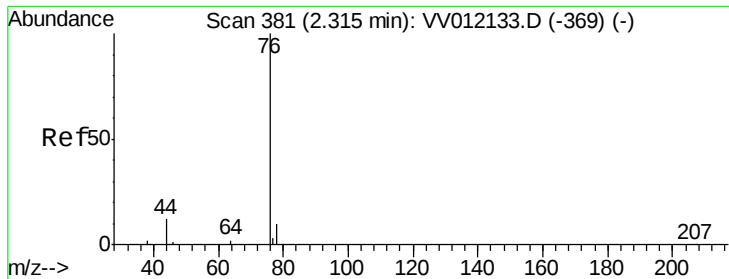


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#14

Carbon disulfide

Concen: 0.059 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV012137.D

Acq: 08 Aug 2019 21:42

Instrument :

MSVOA_V

ClientSampled :

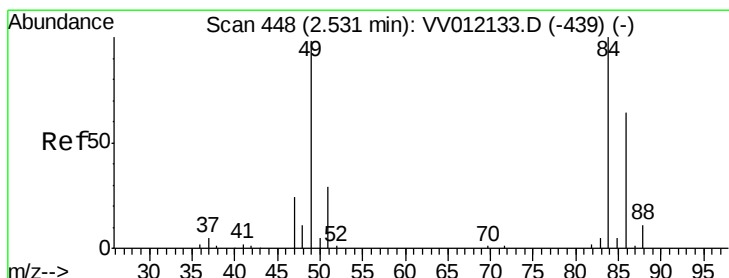
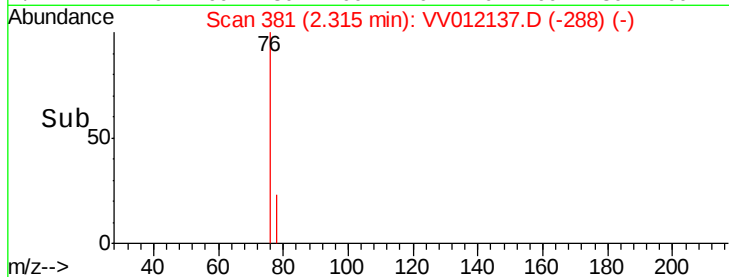
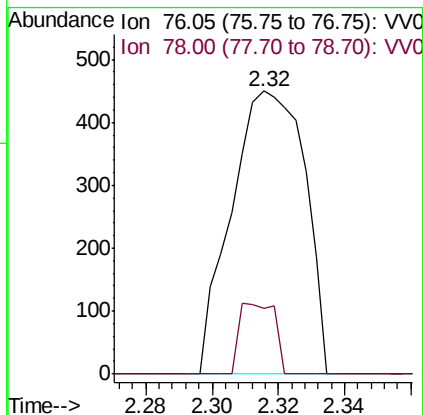
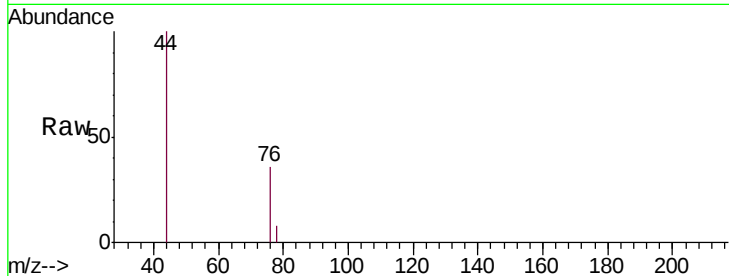
VBLK32

Tgt Ion: 76 Resp: 693

Ion Ratio Lower Upper

76 100

78 23.1 7.8 11.8#



#16

Methylene chloride

Concen: 0.117 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.00 min

Lab File: VV012137.D

Acq: 08 Aug 2019 21:42

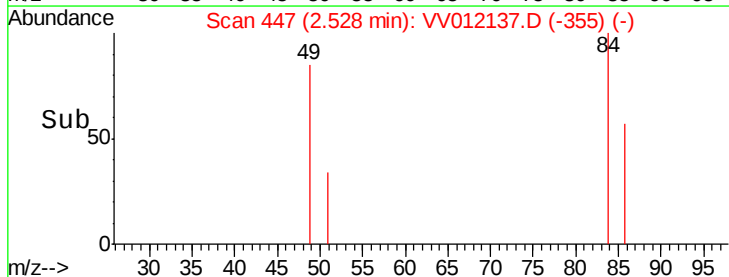
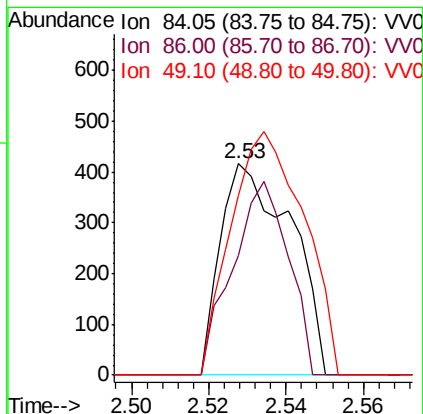
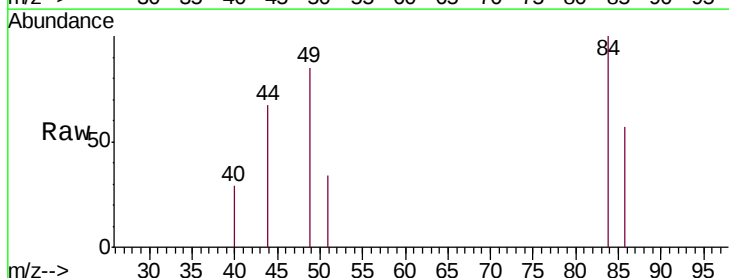
Tgt Ion: 84 Resp: 526

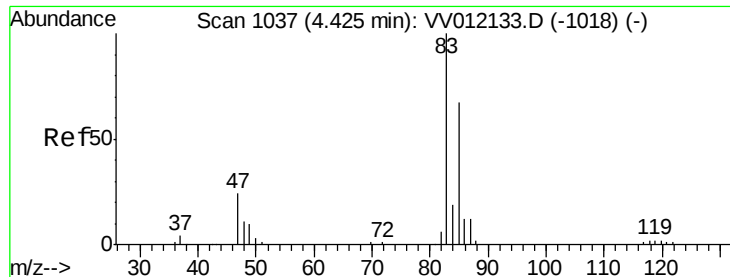
Ion Ratio Lower Upper

84 100

86 56.7 45.4 84.2

49 85.3 69.2 128.4

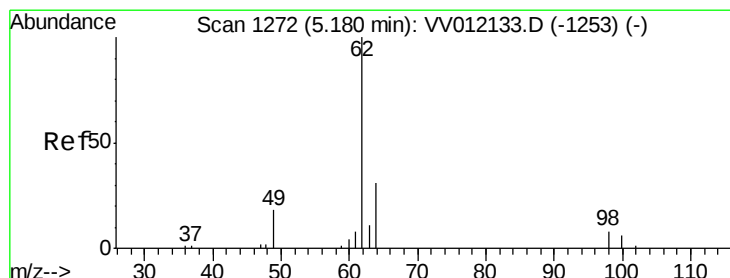
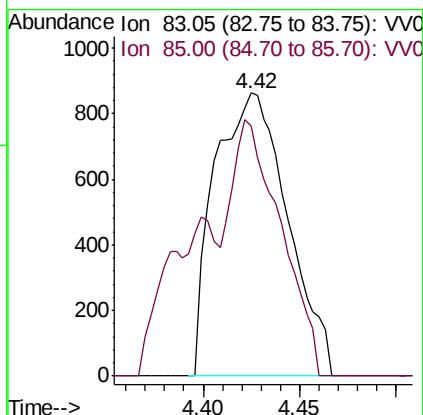
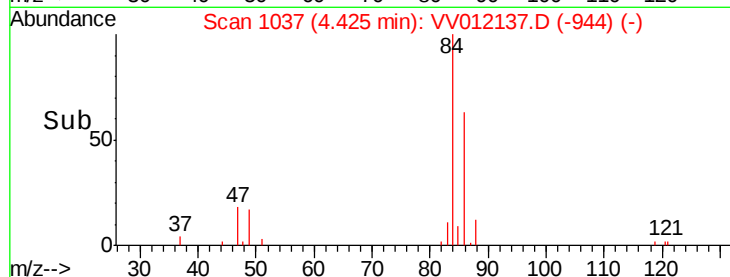
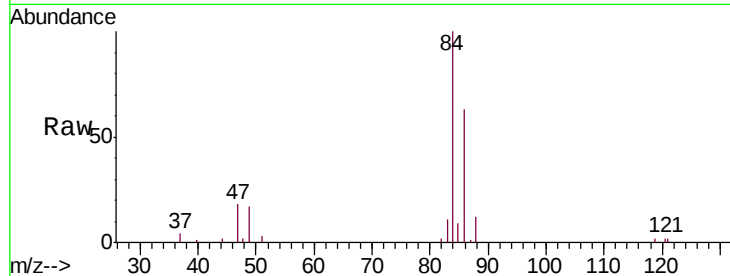




#25
Chloroform
Concen: 0.172 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV012137.D
Acq: 08 Aug 2019 21:42

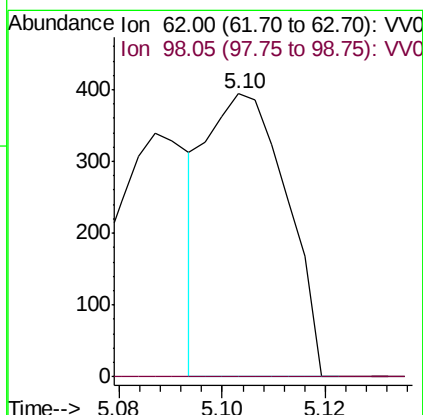
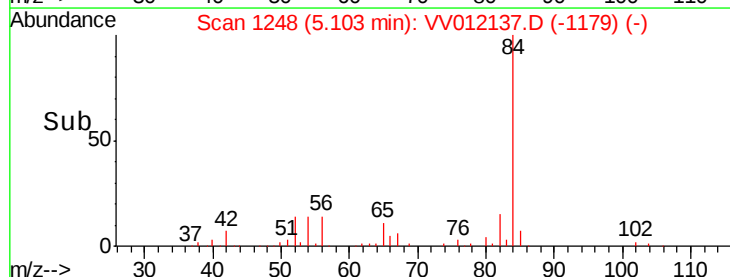
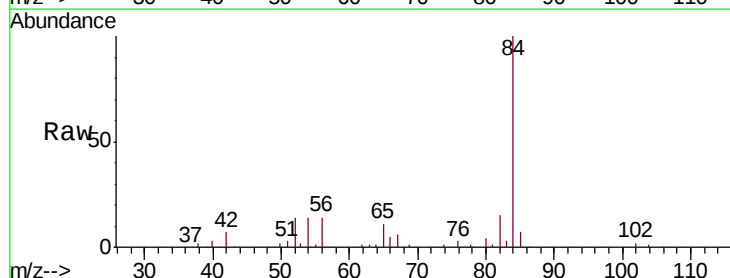
Instrument :
MSVOA_V
ClientSampleId :
VBLK32

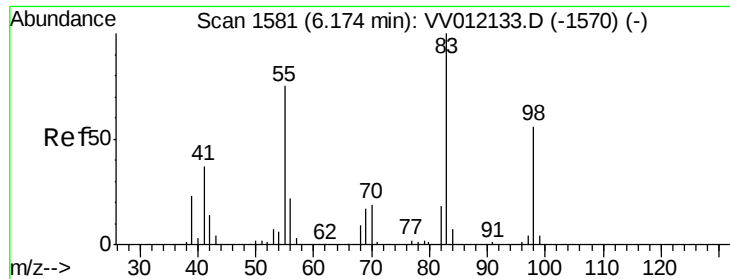
Tgt Ion: 83 Resp: 2260
Ion Ratio Lower Upper
83 100
85 88.2 47.1 87.5#



#27
1,2-Dichloroethane
Concen: 0.054 ug/L
RT: 5.10 min Scan# 1248
Delta R.T. -0.08 min
Lab File: VV012137.D
Acq: 08 Aug 2019 21:42

Tgt Ion: 62 Resp: 426
Ion Ratio Lower Upper
62 100
98 0.0 6.4 9.6#

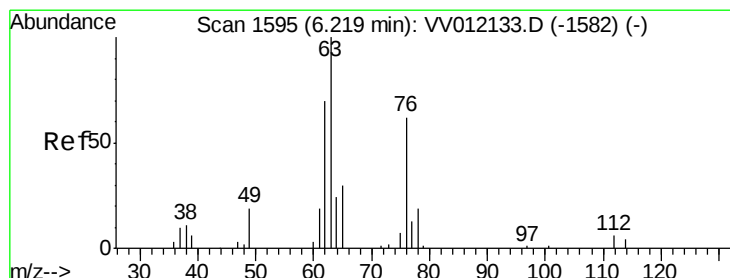
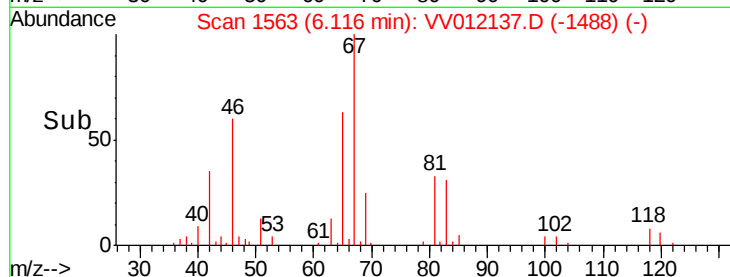
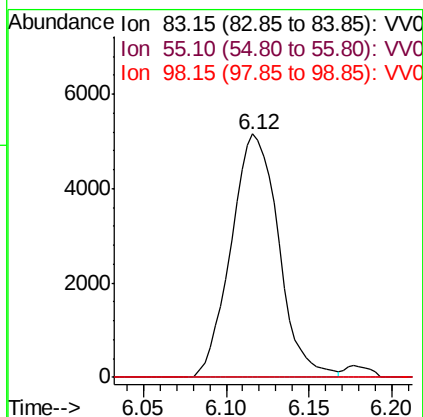
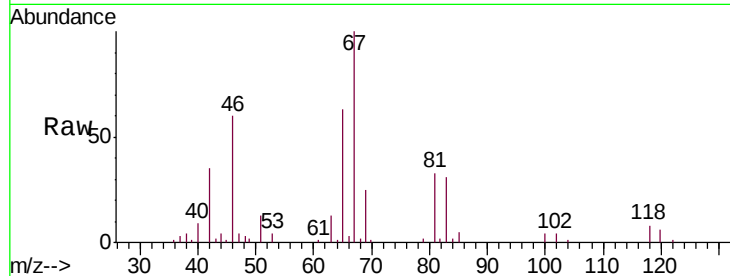




#35
Methylcyclohexane
Concen: 0.920 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012137.D
Acq: 08 Aug 2019 21:42

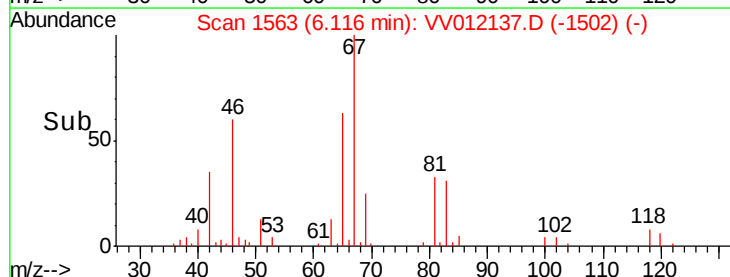
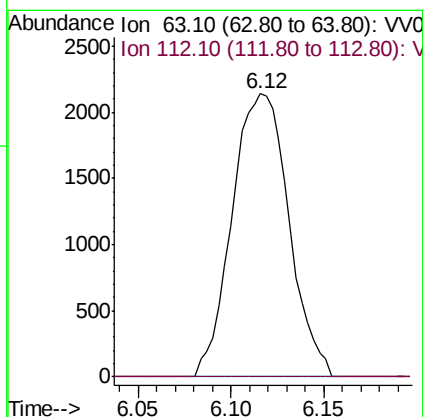
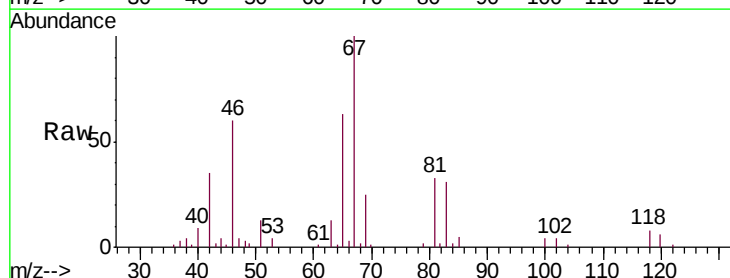
Instrument :
MSVOA_V
ClientSampleId :
VBLK32

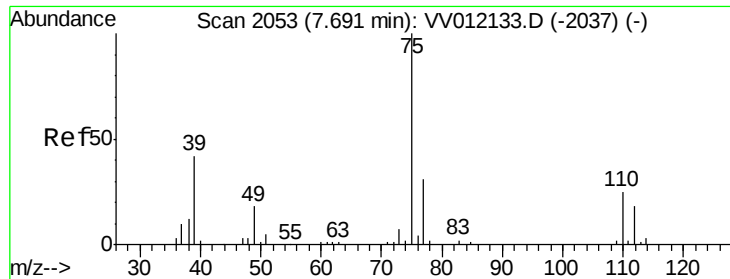
Tgt Ion: 83 Resp: 10313
Ion Ratio Lower Upper
83 100
55 0.0 55.0 82.6#
98 0.0 40.4 60.6#



#37
1,2-Dichloropropane
Concen: 0.862 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012137.D
Acq: 08 Aug 2019 21:42

Tgt Ion: 63 Resp: 4545
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#

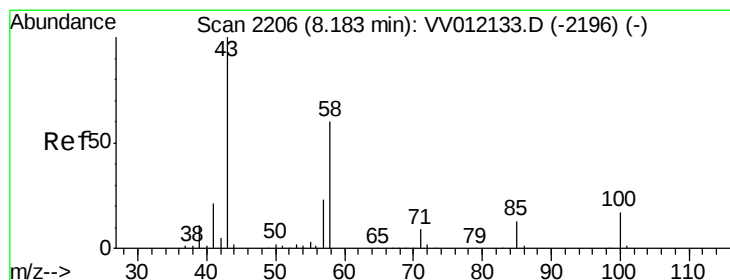
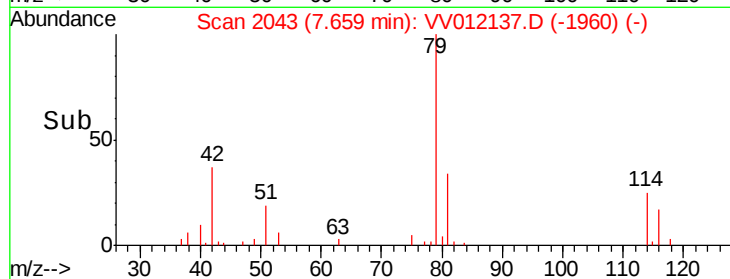
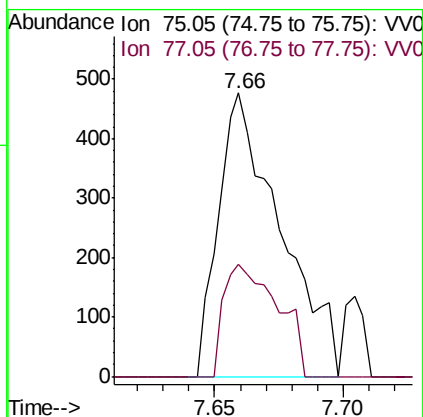
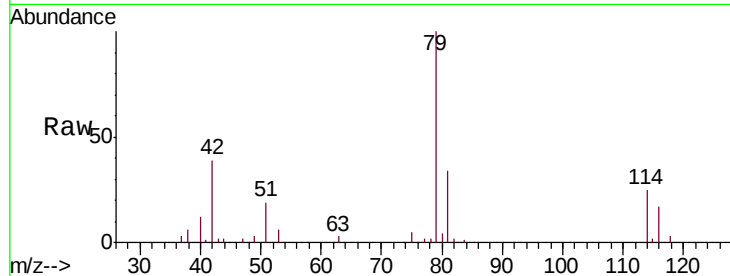




#44
trans-1,3-Dichloropropene
Concen: 0.103 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.03 min
Lab File: VV012137.D
Acq: 08 Aug 2019 21:42

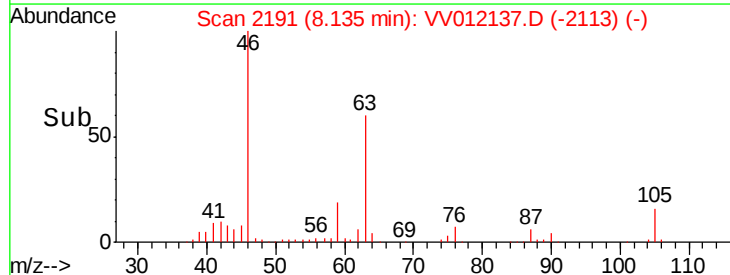
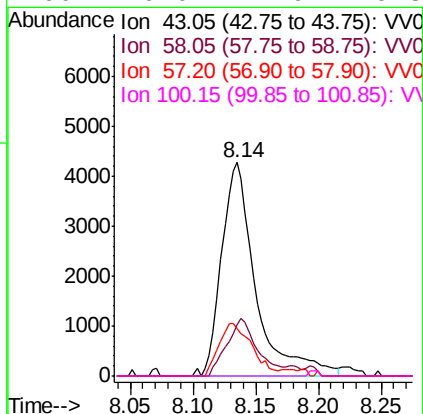
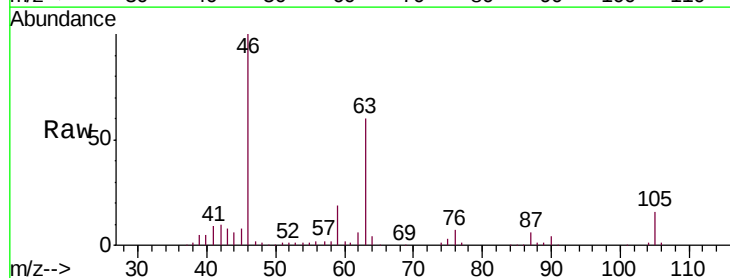
Instrument :
MSVOA_V
ClientSampled :
VBLK32

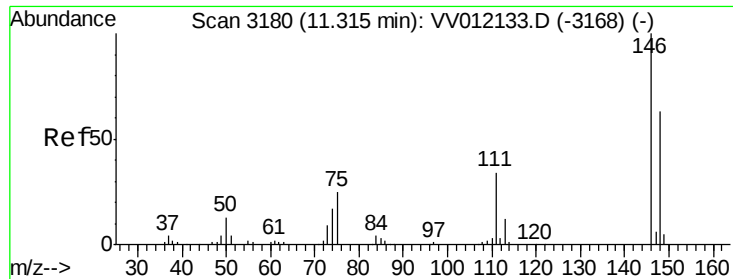
Tgt Ion: 75 Resp: 796
Ion Ratio Lower Upper
75 100
77 39.4 22.0 41.0



#48
2-Hexanone
Concen: 3.844 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV012137.D
Acq: 08 Aug 2019 21:42

Tgt Ion: 43 Resp: 8089
Ion Ratio Lower Upper
43 100
58 24.3 46.4 69.6#
57 23.7 17.7 26.5
100 0.0 12.9 19.3#





#63

1,4-Dichlorobenzene

Concen: 0.076 ug/L

RT: 11.32 min Scan# 3180

Delta R.T. 0.00 min

Lab File: VV012137.D

Acq: 08 Aug 2019 21:42

Instrument :

MSVOA_V

ClientSampled :

VBLK32

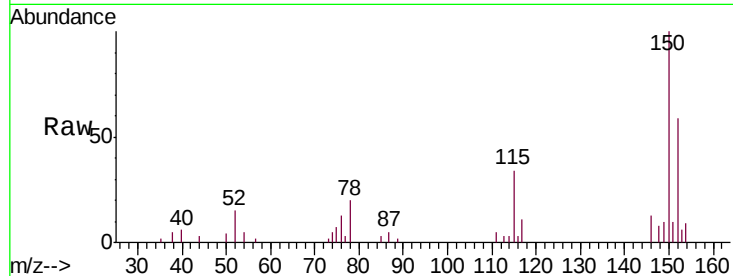
Tgt Ion:146 Resp: 1288

Ion Ratio Lower Upper

146 100

111 37.7 23.7 43.9

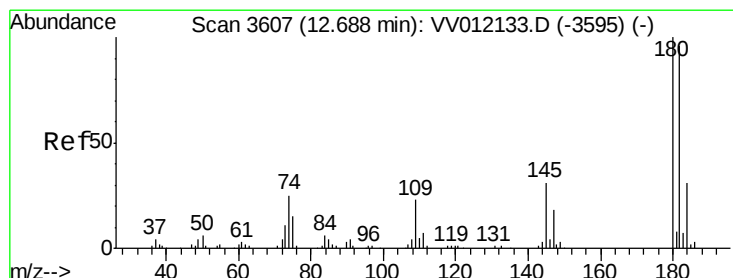
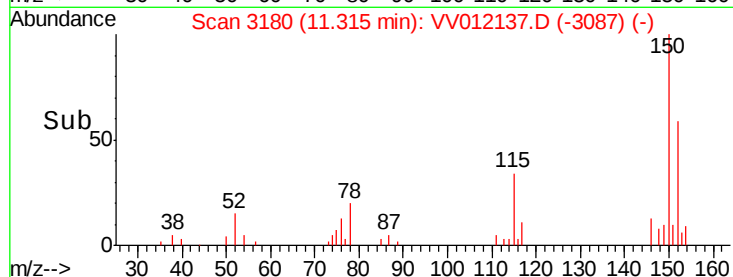
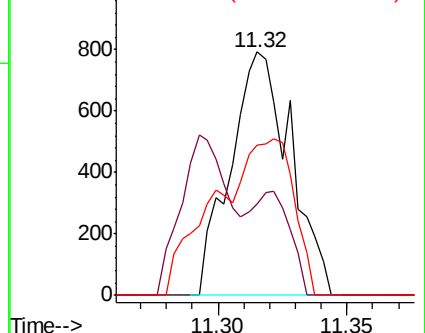
148 61.9 43.9 81.5



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#67

1,3,5-Trichlorobenzene

Concen: 0.073 ug/L

RT: 12.69 min Scan# 3609

Delta R.T. 0.01 min

Lab File: VV012137.D

Acq: 08 Aug 2019 21:42

Tgt Ion:180 Resp: 1057

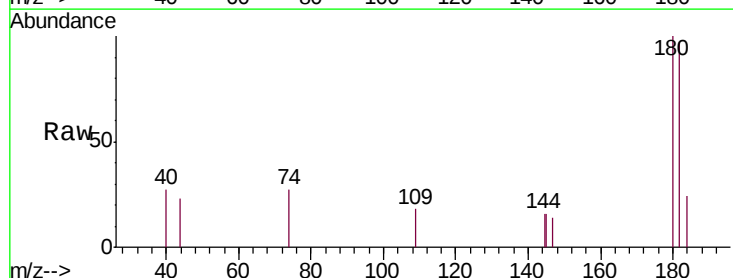
Ion Ratio Lower Upper

180 100

182 91.3 76.8 115.2

184 24.0 25.0 37.4#

145 15.9 23.4 35.2#

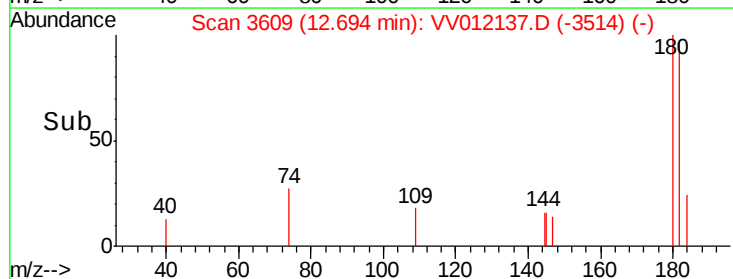
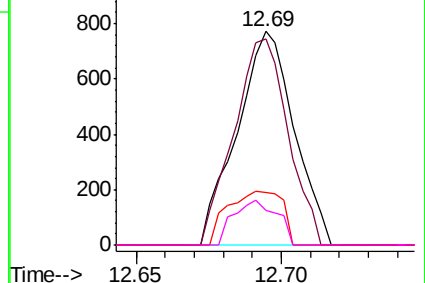


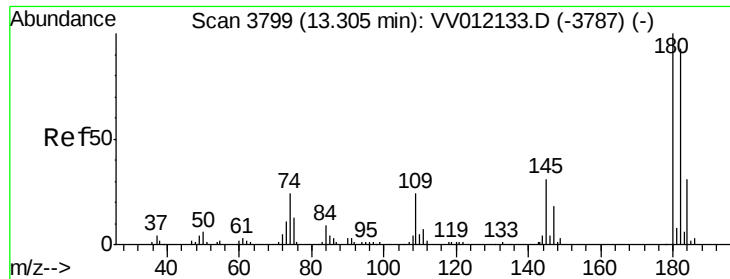
Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V

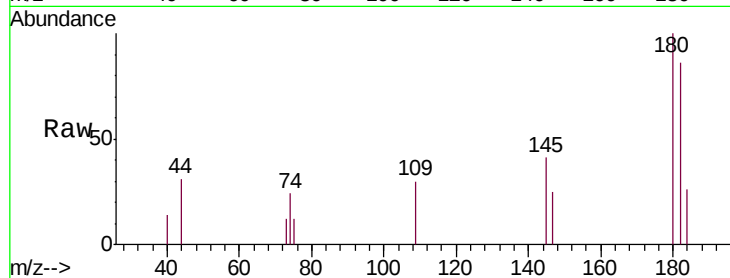




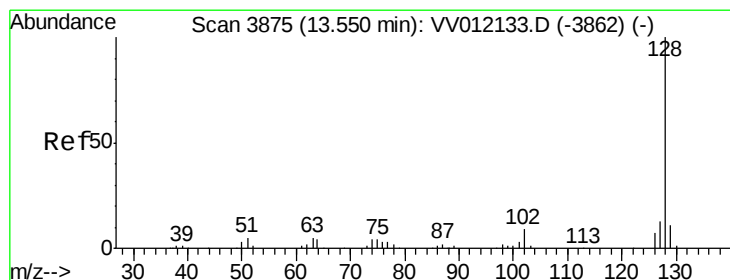
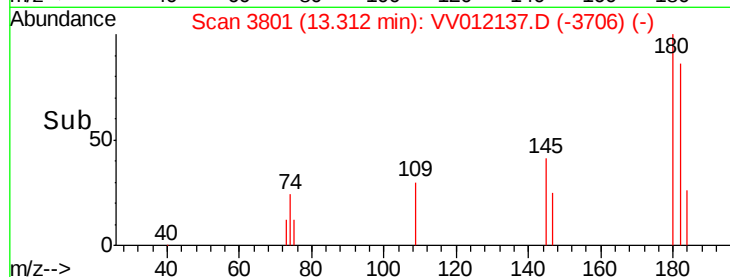
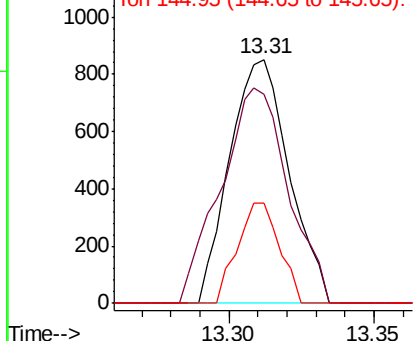
#68
 1,2,4-trichlorobenzene
 Concen: 0.101 ug/L
 RT: 13.31 min Scan# 3801
 Delta R.T. 0.01 min
 Lab File: VV012137.D
 Acq: 08 Aug 2019 21:42

Instrument :
 MSVOA_V
 ClientSampled :
 VBLK32

Tgt Ion:180 Resp: 1212
 Ion Ratio Lower Upper
 180 100
 182 100.1 76.6 115.0
 145 28.8 23.4 35.2

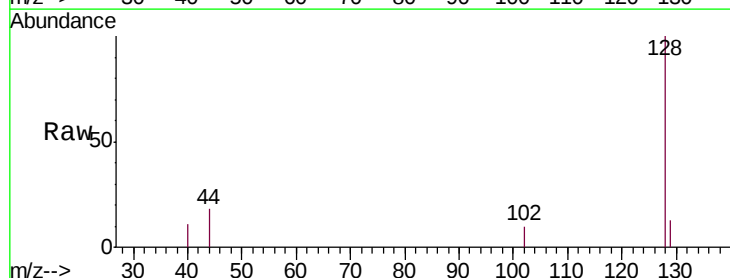


Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V



#69
 Naphthalene
 Concen: 0.093 ug/L
 RT: 13.56 min Scan# 3878
 Delta R.T. 0.01 min
 Lab File: VV012137.D
 Acq: 08 Aug 2019 21:42

Tgt Ion:128 Resp: 1810
 Ion Ratio Lower Upper
 128 100
 129 5.5 9.0 13.4#
 127 3.1 10.6 15.8#



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

