

Data File : VV012220.D
Acq On : 13 Aug 2019 17:45
Operator : SY/MD
Sample : VV0813WBL01
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK34

Quant Time: Aug 14 02:53:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 14 02:48:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	212069	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	201424	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	86239	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	62156	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.58	69	49607	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.13	63	81269	3.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.00%
20) 2-Butanone-d5	3.97	46	158045	56.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.02%
24) Chloroform-d	4.40	84	120475	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.08	65	62494	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.09	84	250420	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.12	67	74337	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.36	98	213825	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	7.66	79	26693	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.14	63	96011	52.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.12%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	52572	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	76329	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1037	0.086	ug/L #	36
12) 1,1-Dichloroethene	2.13	96	831	0.074	ug/L #	1
14) Carbon disulfide	2.31	76	2202	0.067	ug/L #	76
16) Methylene chloride	2.53	84	1438	0.120	ug/L	94
25) Chloroform	4.43	83	5452	0.176	ug/L	98
35) Methylcyclohexane	6.12	83	18032	0.705	ug/L #	18
37) 1,2-Dichloropropane	6.11	63	8749	0.577	ug/L #	85
44) trans-1,3-Dichloropropene	7.67	75	1363	0.083	ug/L	97
48) 2-Hexanone	8.19	43	11898	2.025	ug/L #	82
67) 1,3,5-Trichlorobenzene	12.69	180	1158	0.053	ug/L #	83

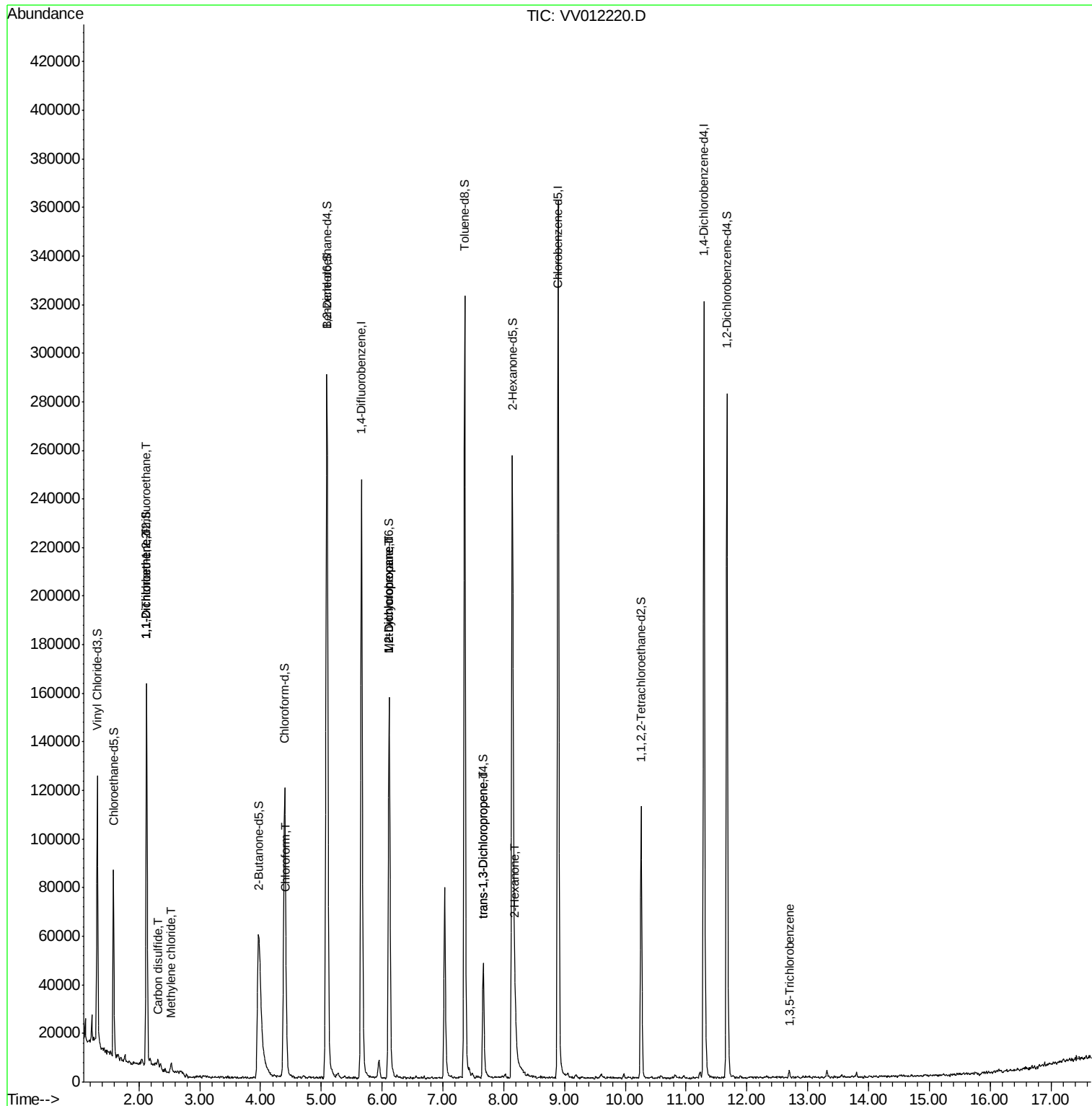
(#) = qualifier out of range (m) = manual integration (+) = signals summed

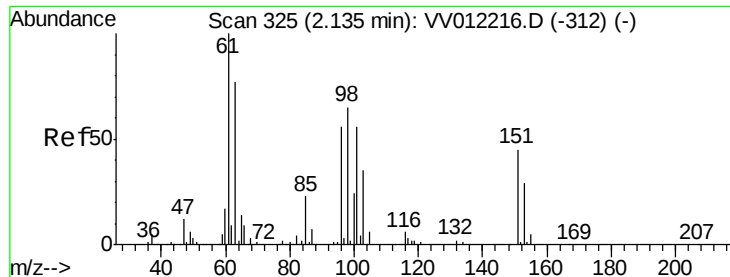
Data File : VV012220.D

```
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Quant Time: Aug 14 02:53:08 2019
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QLast Update : Wed Aug 14 02:48:55 2019
Response via : Initial Calibration





#10

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

Concen: 0.086 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV012220.D

Acq: 13 Aug 2019 17:45

Instrument :

MSVOA_V

ClientSampleId :

VBLK34

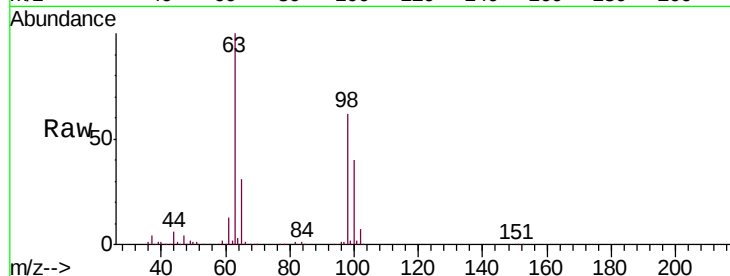
Tgt Ion: 101 Resp: 1037

Ion Ratio Lower Upper

101 100

85 1.8 33.7 50.5#

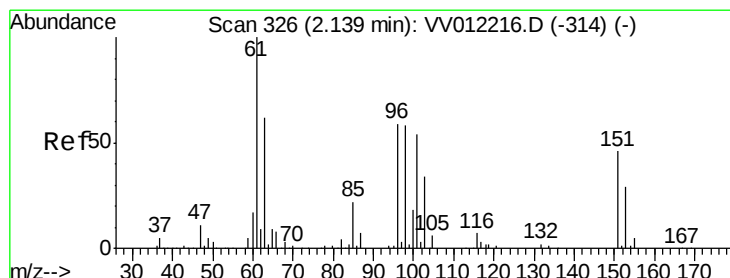
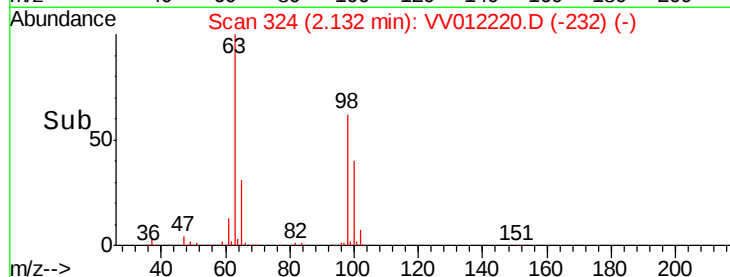
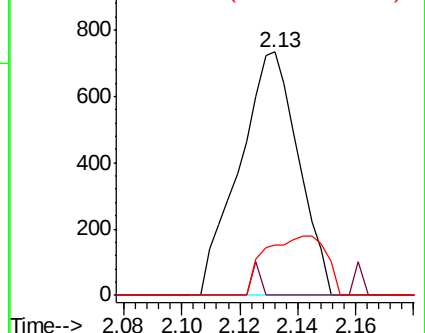
151 24.9 66.3 99.5#



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



#12

1,1-Dichloroethene

Concen: 0.074 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012220.D

Acq: 13 Aug 2019 17:45

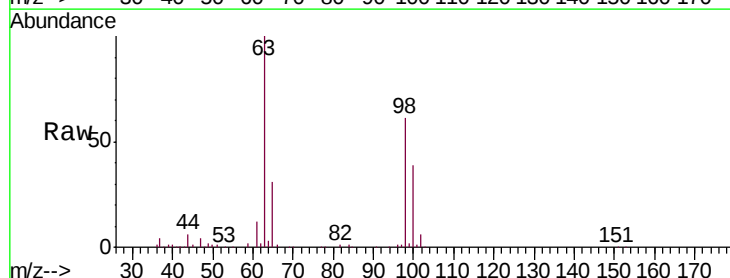
Tgt Ion: 96 Resp: 831

Ion Ratio Lower Upper

96 100

61 1380.2 119.3 221.5#

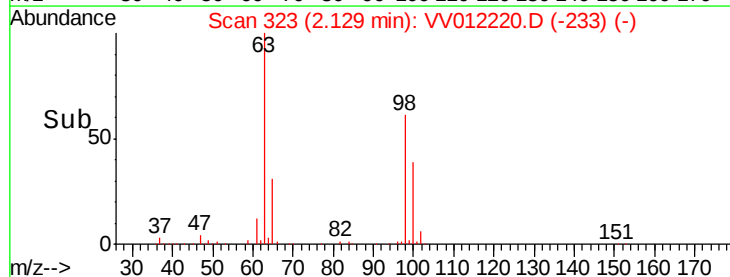
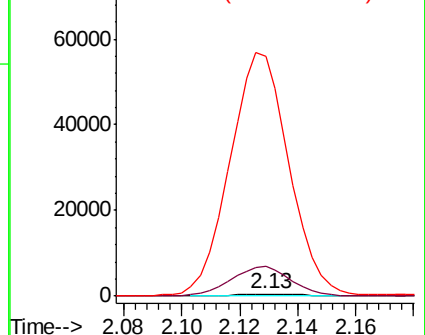
63 11309.7 74.9 139.1#

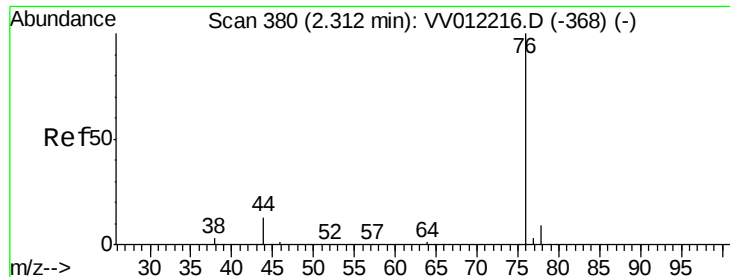


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#14

Carbon disulfide

Concen: 0.067 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.00 min

Lab File: VV012220.D

Acq: 13 Aug 2019 17:45

Instrument :

MSVOA_V

ClientSampleId :

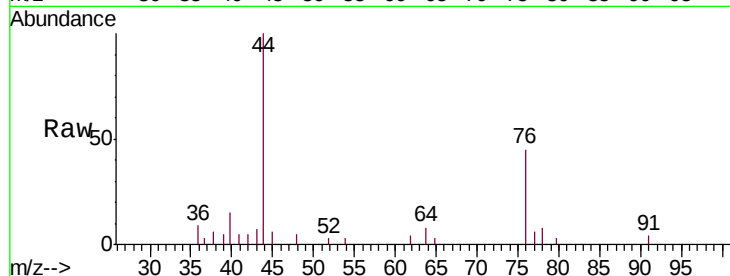
VBLK34

Tgt Ion: 76 Resp: 2202

Ion Ratio Lower Upper

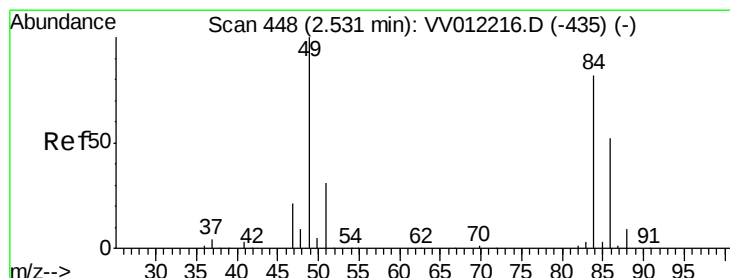
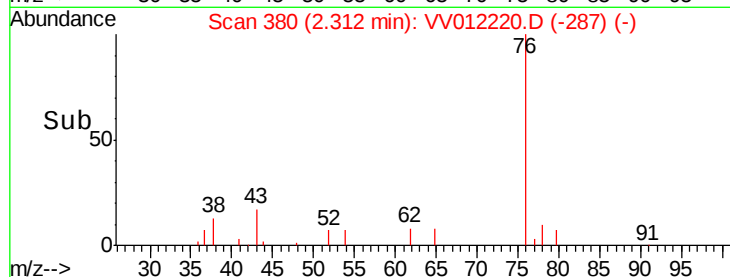
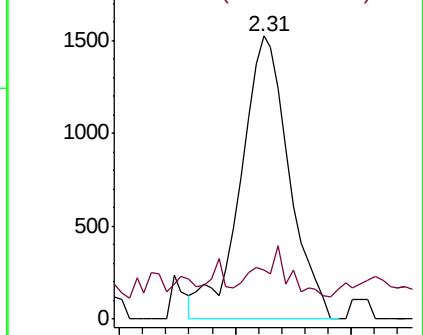
76 100

78 17.5 7.2 10.8#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#16

Methylene chloride

Concen: 0.120 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV012220.D

Acq: 13 Aug 2019 17:45

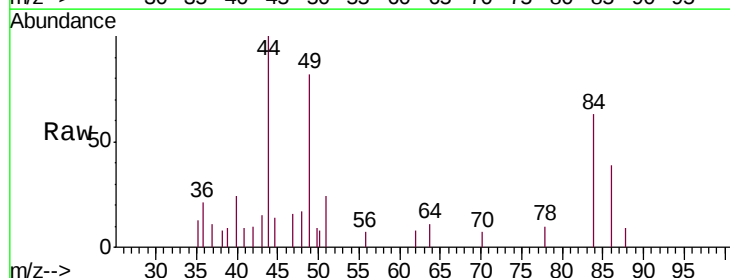
Tgt Ion: 84 Resp: 1438

Ion Ratio Lower Upper

84 100

86 61.5 44.4 82.5

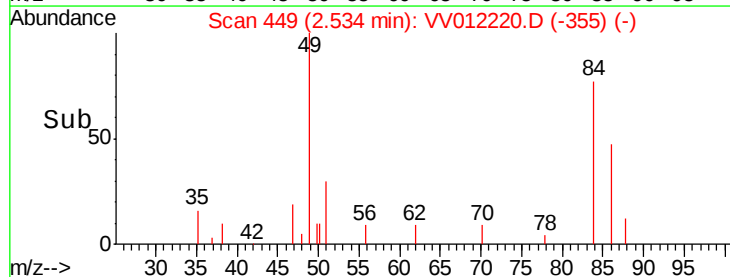
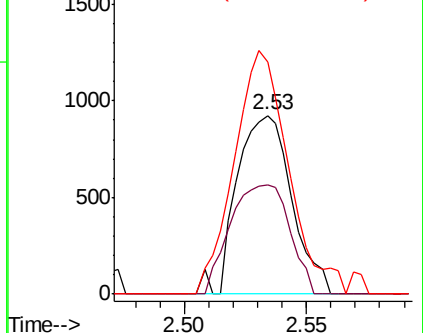
49 129.8 85.1 158.1

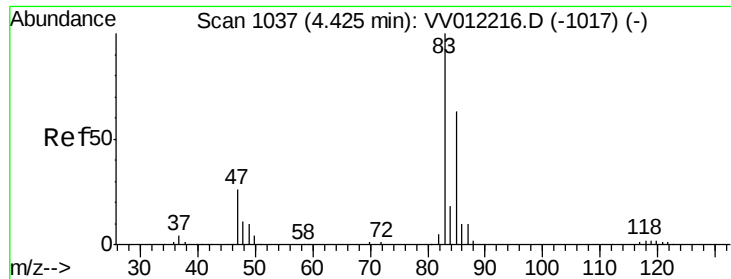


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

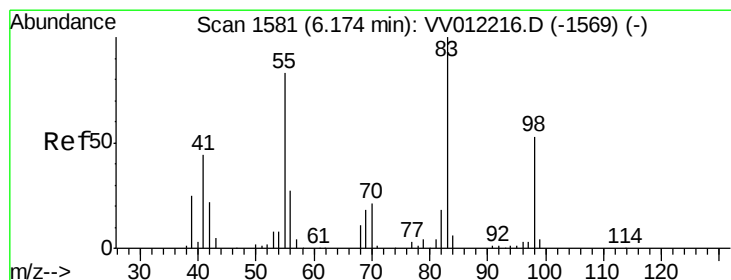
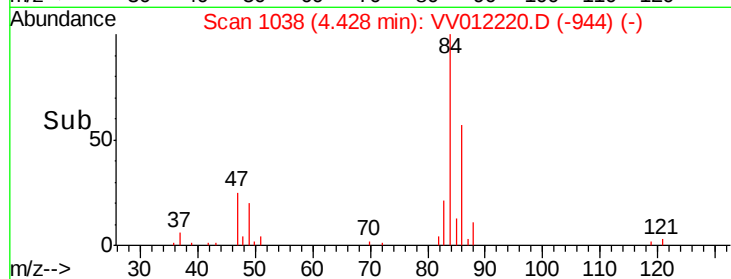
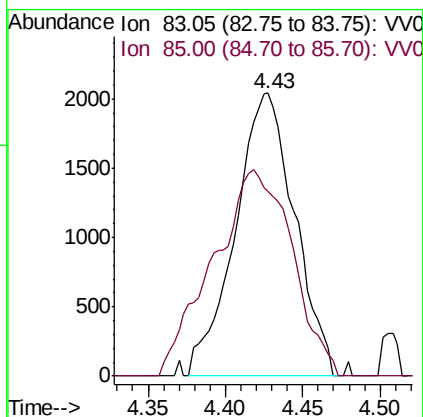
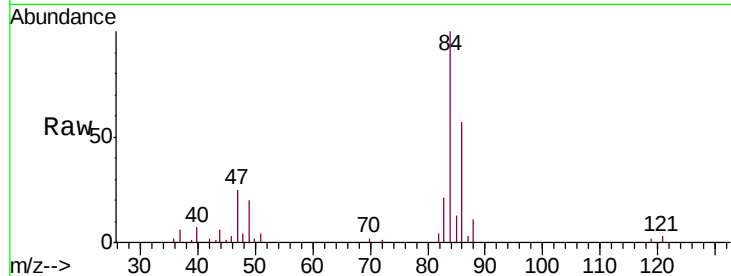




#25
Chloroform
Concen: 0.176 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012220.D
Acq: 13 Aug 2019 17:45

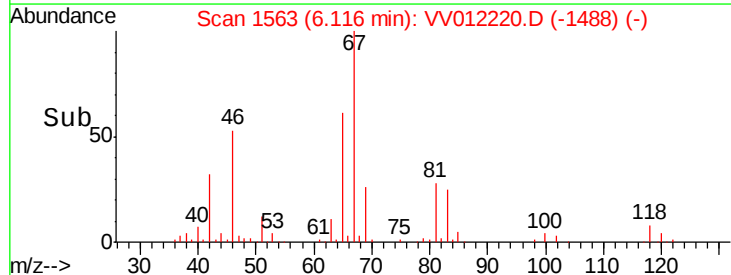
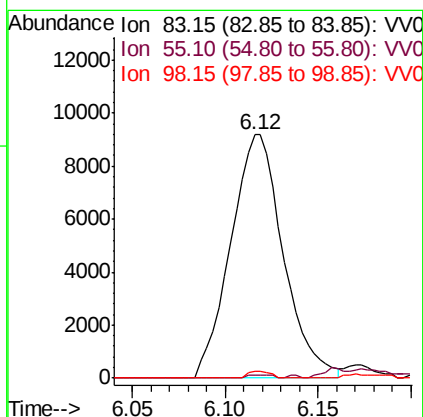
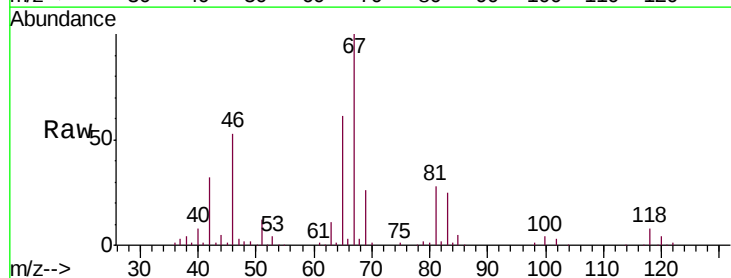
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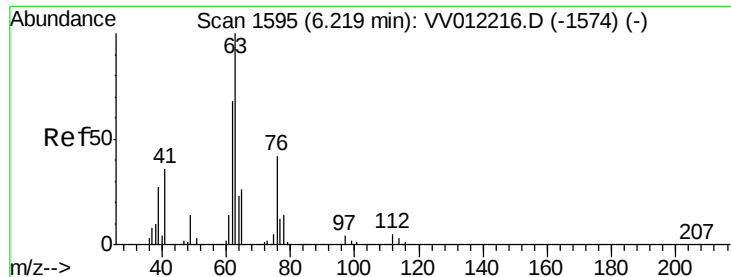
Tgt Ion: 83 Resp: 5452
Ion Ratio Lower Upper
83 100
85 65.1 44.3 82.3



#35
Methylcyclohexane
Concen: 0.705 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012220.D
Acq: 13 Aug 2019 17:45

Tgt Ion: 83 Resp: 18032
Ion Ratio Lower Upper
83 100
55 0.6 62.2 93.2#
98 1.1 39.2 58.8#





#37

1,2-Dichloropropane

Concen: 0.577 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.11 min

Lab File: VV012220.D

Acq: 13 Aug 2019 17:45

Instrument :

MSVOA_V

ClientSampleId :

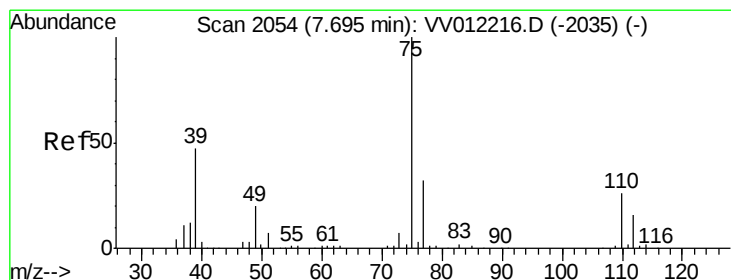
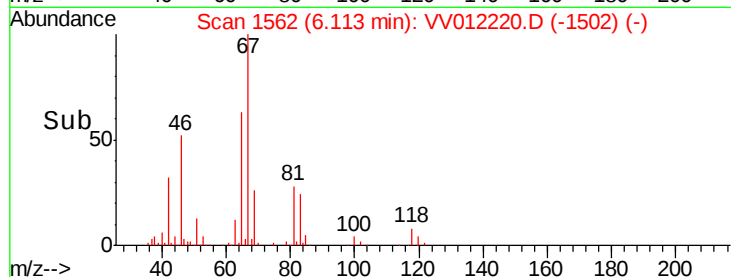
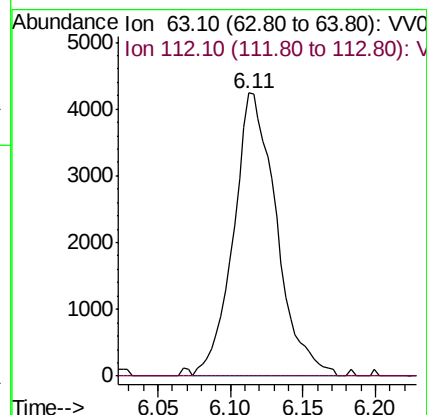
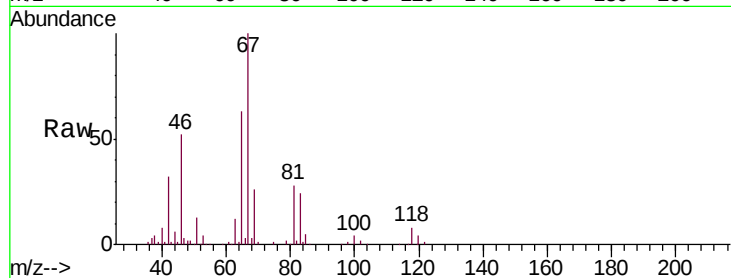
VBLK34

Tgt Ion: 63 Resp: 8749

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#44

trans-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV012220.D

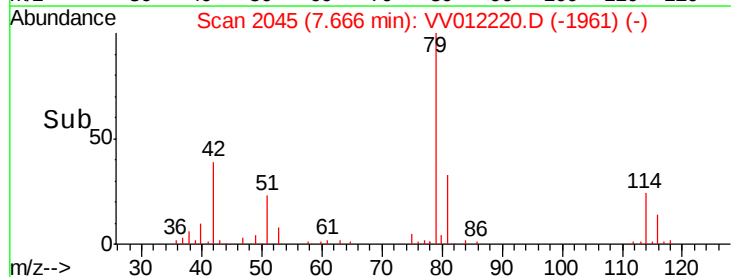
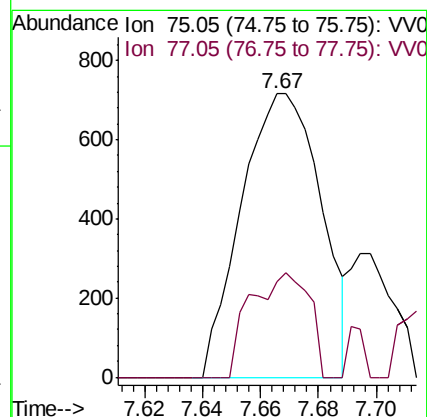
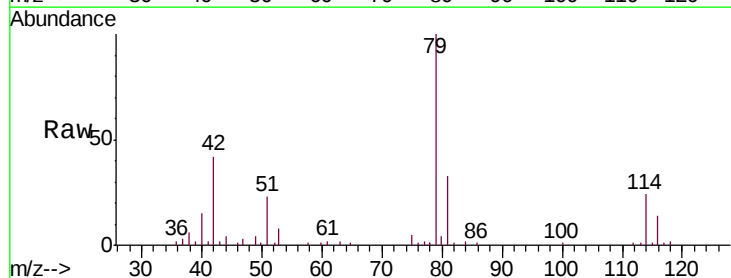
Acq: 13 Aug 2019 17:45

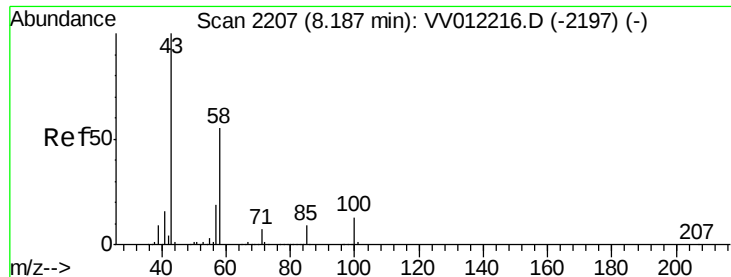
Tgt Ion: 75 Resp: 1363

Ion Ratio Lower Upper

75 100

77 33.7 22.5 41.7

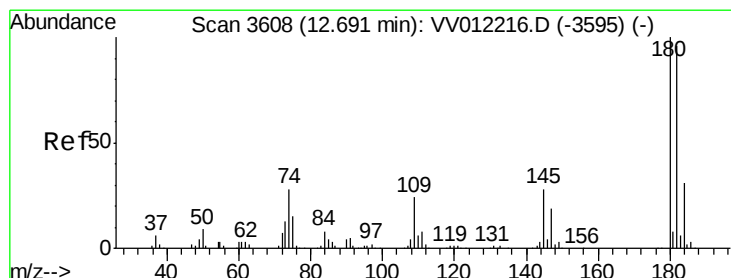
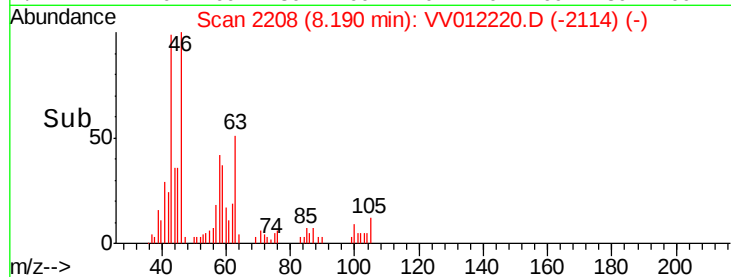
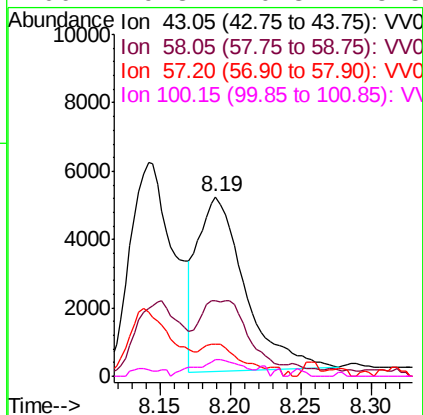
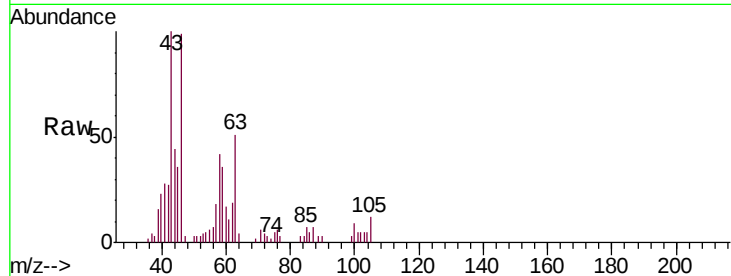




#48
2-Hexanone
Concen: 2.025 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VV012220.D
Acq: 13 Aug 2019 17:45

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ClientSampleId :
VBLK34

Tgt Ion:	43	Resp:	11898
Ion	Ratio	Lower	Upper
43	100		
58	38.9	43.0	64.4#
57	11.2	14.9	22.3#
100	9.3	10.3	15.5#



#67
1,3,5-Trichlorobenzene
Concen: 0.053 ug/L
RT: 12.69 min Scan# 3609
Delta R.T. 0.00 min
Lab File: VV012220.D
Acq: 13 Aug 2019 17:45

Tgt Ion:	180	Resp:	1158
Ion	Ratio	Lower	Upper
180	100		
182	78.3	76.3	114.5
184	15.4	24.6	36.8#
145	31.0	23.2	34.8

