

Data File : VV012170.D
Acq On : 10 Aug 2019 00:03
Operator : SY/MD
Sample : K4248-07
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2B14

Quant Time: Aug 10 05:11:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081019WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 10 05:07:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	276575	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	256654	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	119233	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50984	50.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.22%
7) Chloroethane-d5	1.58	69	30715	47.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.68%
11) 1,1-Dichloroethene-d2	2.13	63	65905	34.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.52%
21) 2-Butanone-d5	3.93	46	43406	86.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.28%
24) Chloroform-d	4.40	84	94650	44.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.56%
26) 1,2-Dichloroethane-d4	5.08	65	62415	51.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.98%
32) Benzene-d6	5.10	84	199871	50.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.46%
36) 1,2-Dichloropropane-d6	6.12	67	53282	49.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.44%
41) Toluene-d8	7.36	98	177490	46.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.64%
43) trans-1,3-Dichloropropene-	7.66	79	25962	44.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.52%
47) 2-Hexanone-d5	8.13	63	39820	96.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.16%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	69996	47.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.34%
64) 1,2-Dichlorobenzene-d4	11.67	152	71634	50.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.66%

Target Compounds

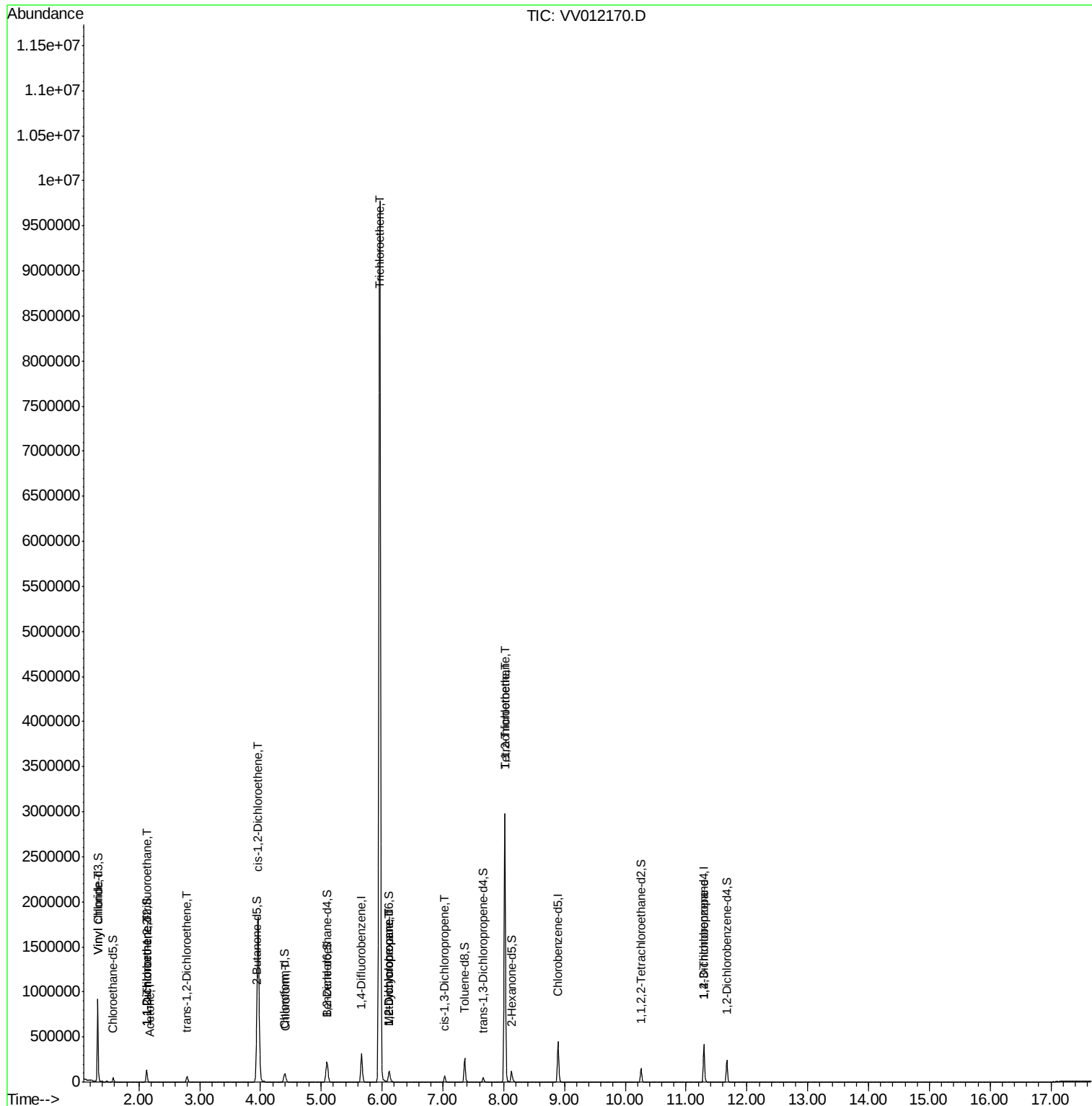
						Qvalue
5) Vinyl chloride	1.32	62	505296	330.445	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	792	0.650	ug/L #	18
12) 1,1-Dichloroethene	2.14	96	1694	1.510	ug/L #	1
13) Acetone	2.18	43	729	0.998	ug/L	84
17) trans-1,2-Dichloroethene	2.79	96	24525	14.981	ug/L	97
20) cis-1,2-Dichloroethene	3.96	96	1084470	583.093	ug/L	98
25) Chloroform	4.42	83	2385	0.738	ug/L	97
34) Trichloroethene	5.96	95	3268315	1845.761	ug/L	98
35) Methylcyclohexane	6.12	83	14724	5.340	ug/L #	21
37) 1,2-Dichloropropane	6.12	63	6239	3.998	ug/L #	84
39) cis-1,3-Dichloropropene	7.03	75	1645	0.611	ug/L #	63
45) 1,1,2-Trichloroethane	8.02	97	5394	3.123	ug/L #	6
46) Tetrachloroethene	8.02	164	717376	423.821	ug/L	98
59) 1,2,3-Trichloropropane	11.29	75	9994	4.747	ug/L #	88

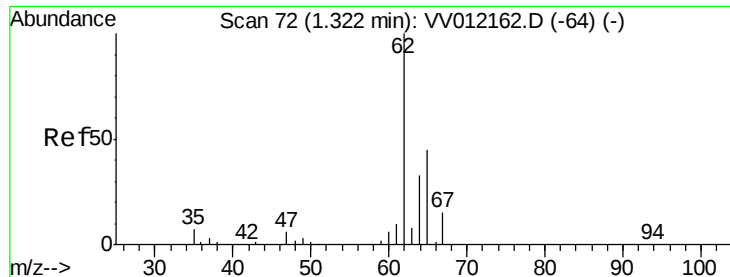
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Aug 10 05:07:53 2019
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#5

Vinyl chloride

Concen: 330.445 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV012170.D

Acq: 10 Aug 2019 00:03

Instrument :

MSVOA_V

ClientSampled :

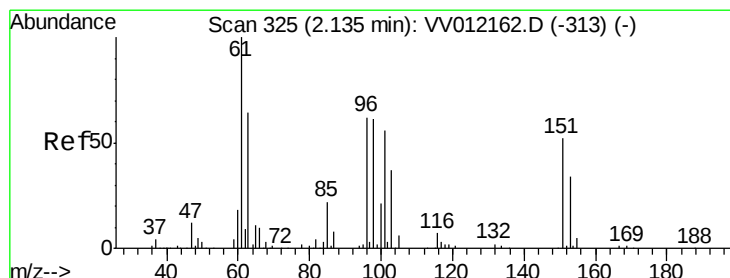
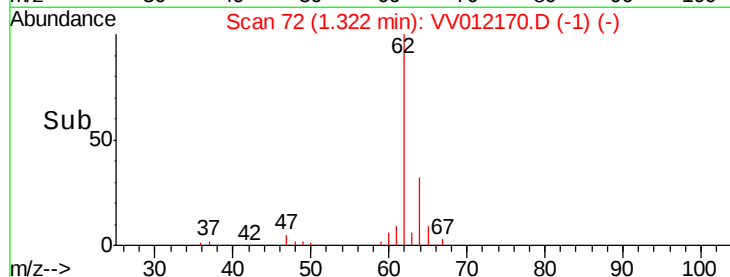
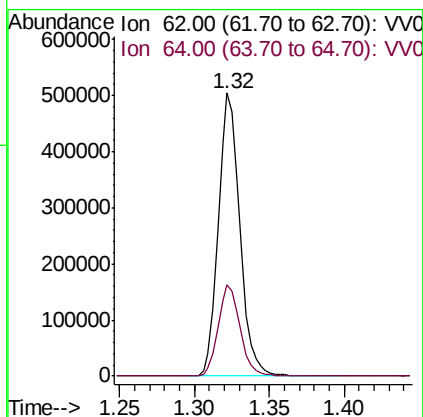
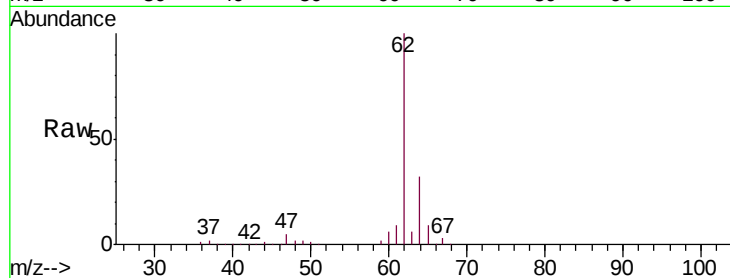
F2B14

Tgt Ion: 62 Resp: 505296

Ion Ratio Lower Upper

62 100

64 32.2 23.7 44.1



#10

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

Concen: 0.650 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012170.D

Acq: 10 Aug 2019 00:03

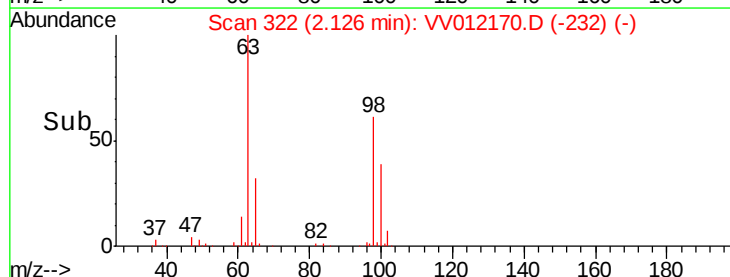
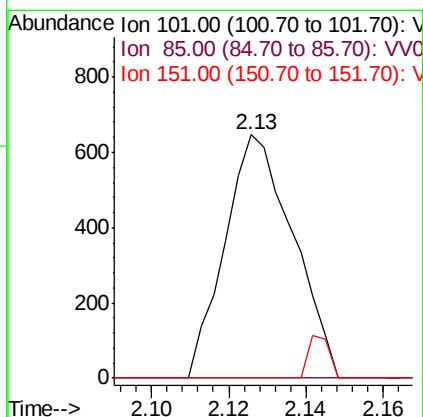
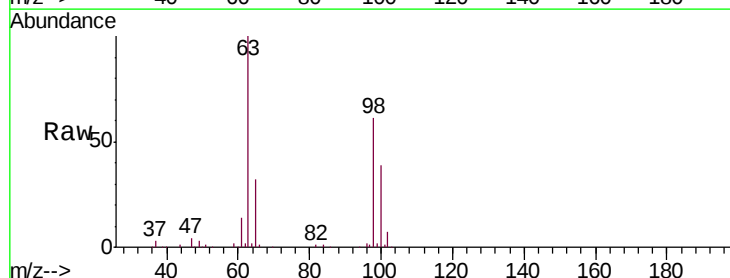
Tgt Ion: 101 Resp: 792

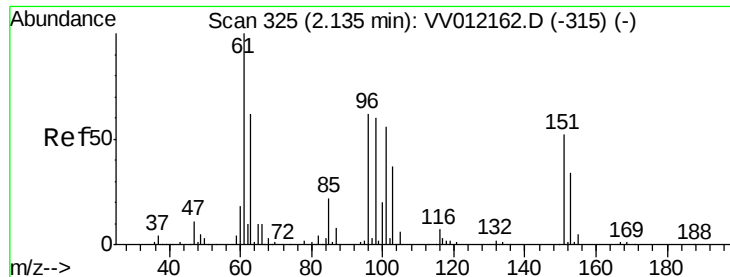
Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

151 5.3 71.8 107.8#

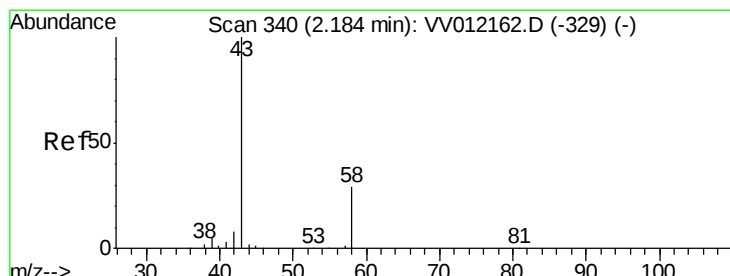
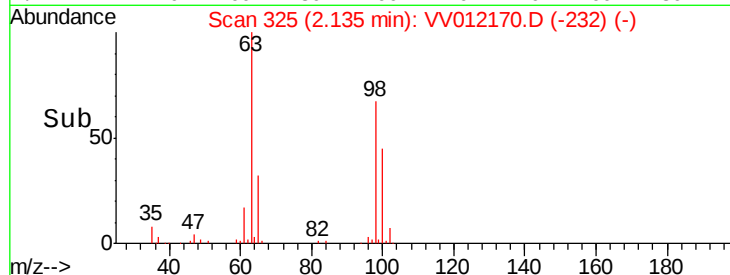
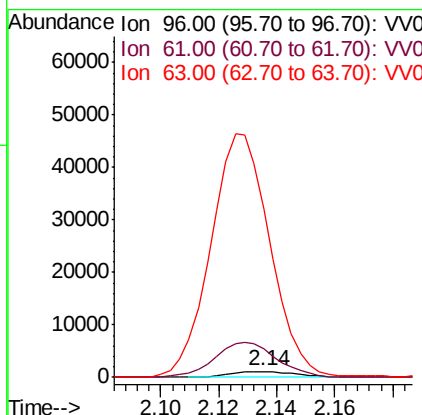
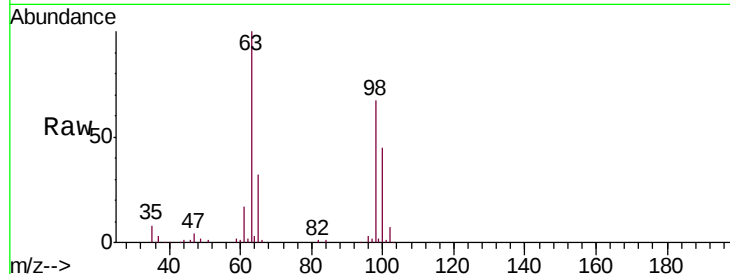




#12
 1,1-Dichloroethene
 Concen: 1.510 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. 0.00 min
 Lab File: VV012170.D
 Acq: 10 Aug 2019 00:03

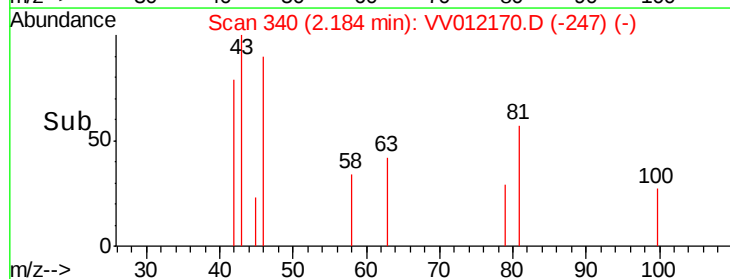
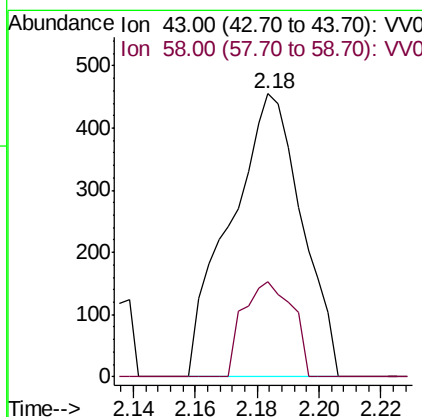
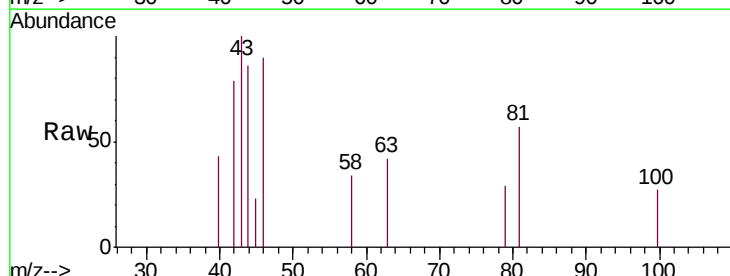
Instrument :
 MSVOA_V
 ClientSampled :
 F2B14

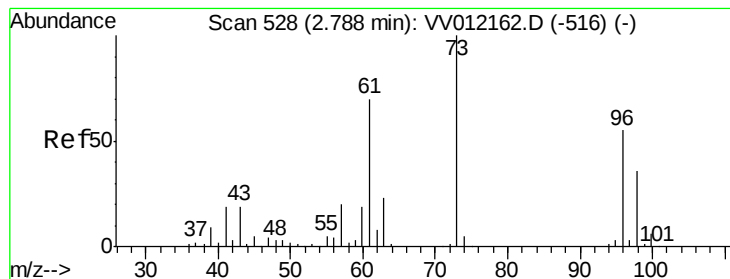
Tgt Ion: 96 Resp: 1694
 Ion Ratio Lower Upper
 96 100
 61 508.3 115.1 213.8#
 63 3054.8 83.9 155.7#



#13
 Acetone
 Concen: 0.998 ug/L
 RT: 2.18 min Scan# 340
 Delta R.T. 0.00 min
 Lab File: VV012170.D
 Acq: 10 Aug 2019 00:03

Tgt Ion: 43 Resp: 729
 Ion Ratio Lower Upper
 43 100
 58 23.0 0.0 63.4





#17

trans-1,2-Dichloroethene

Concen: 14.981 ug/L

RT: 2.79 min Scan# 529

Delta R.T. 0.00 min

Lab File: VV012170.D

Acq: 10 Aug 2019 00:03

Instrument :

MSVOA_V

ClientSampleId :

F2B14

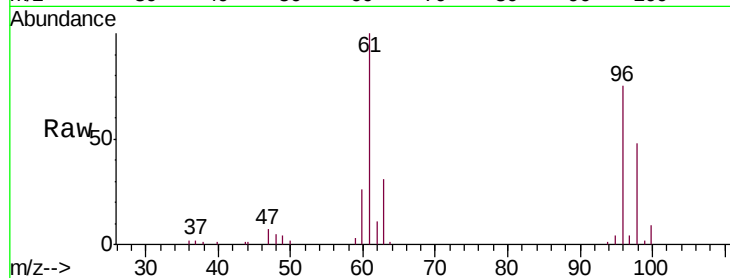
Tgt Ion: 96 Resp: 24525

Ion Ratio Lower Upper

96 100

61 132.6 89.3 165.9

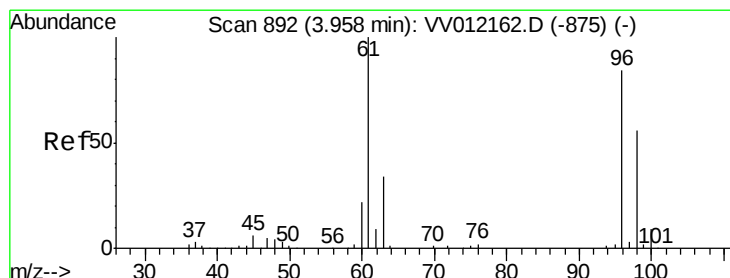
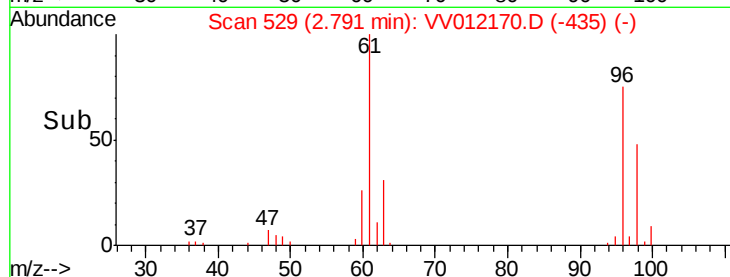
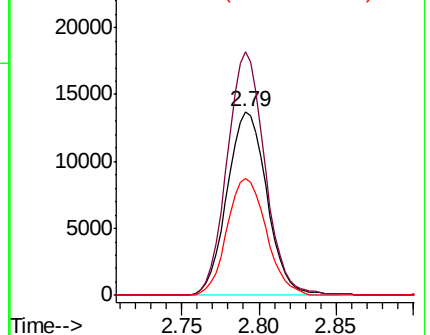
98 64.0 44.7 83.1



Abundance Ion 96.00 (95.70 to 96.70): VV012170.D (-435) (-)

Ion 61.00 (60.70 to 61.70): VV012170.D (-435) (-)

Ion 98.00 (97.70 to 98.70): VV012170.D (-435) (-)



#20

cis-1,2-Dichloroethene

Concen: 583.093 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.00 min

Lab File: VV012170.D

Acq: 10 Aug 2019 00:03

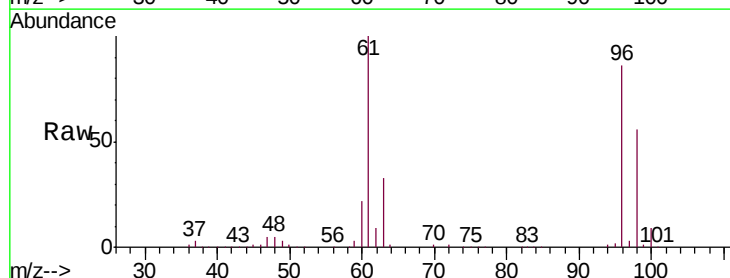
Tgt Ion: 96 Resp: 1084470

Ion Ratio Lower Upper

96 100

61 115.7 82.9 153.9

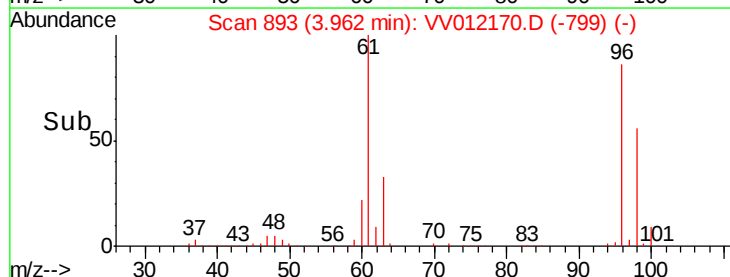
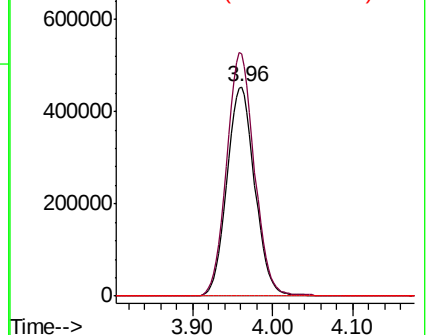
68 0.0 0.0 0.0

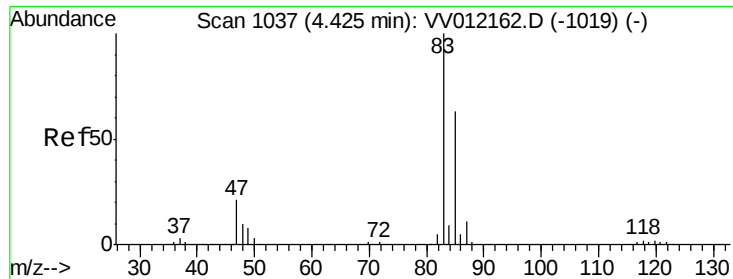


Abundance Ion 96.00 (95.70 to 96.70): VV012170.D (-799) (-)

Ion 61.00 (60.70 to 61.70): VV012170.D (-799) (-)

Ion 68.00 (67.70 to 68.70): VV012170.D (-799) (-)

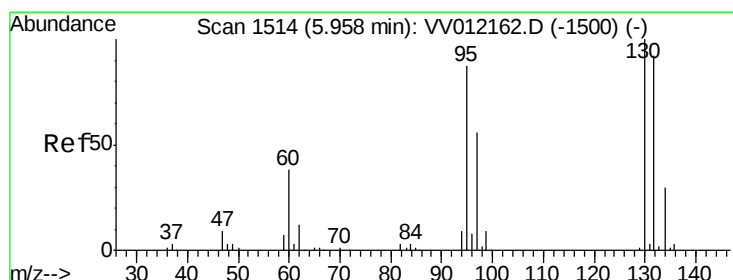
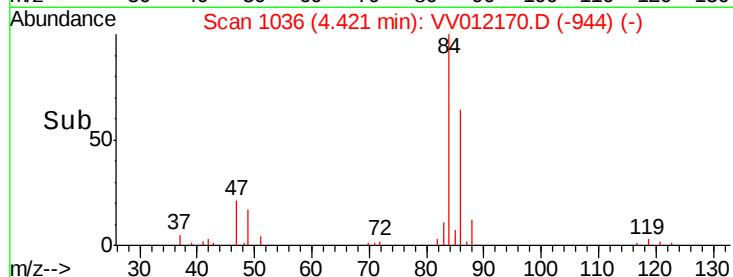
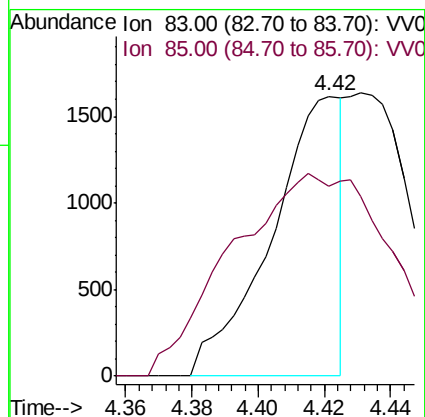
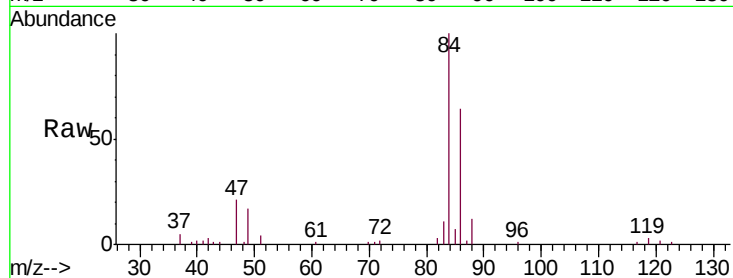




#25
Chloroform
Concen: 0.738 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV012170.D
Acq: 10 Aug 2019 00:03

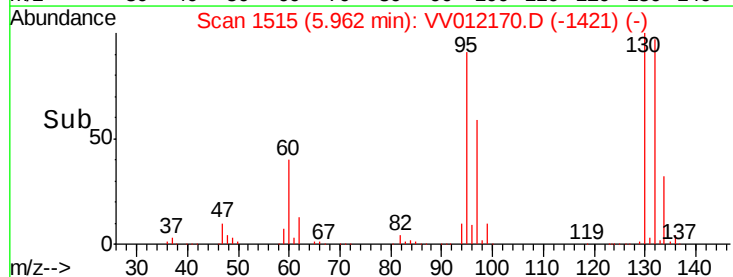
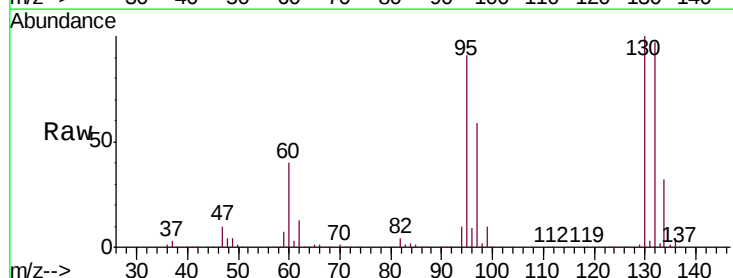
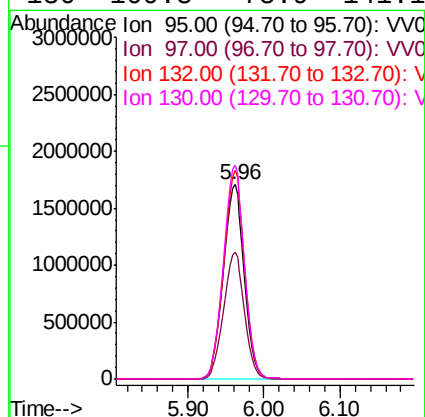
Instrument :
MSVOA_V
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F2B14

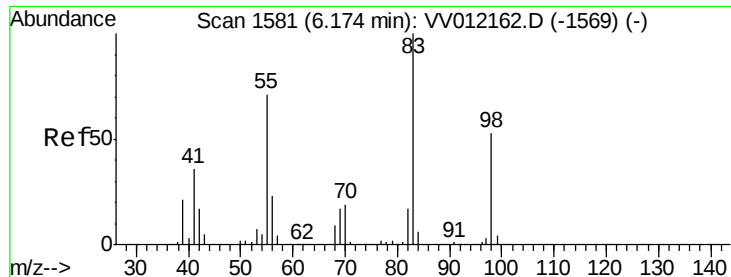
Tgt Ion: 83 Resp: 2385
Ion Ratio Lower Upper
83 100
85 67.8 45.7 84.9



#34
Trichloroethene
Concen: 1845.761 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV012170.D
Acq: 10 Aug 2019 00:03

Tgt Ion: 95 Resp: 3268315
Ion Ratio Lower Upper
95 100
97 65.1 44.7 83.1
132 107.1 72.7 134.9
130 109.8 75.9 141.1

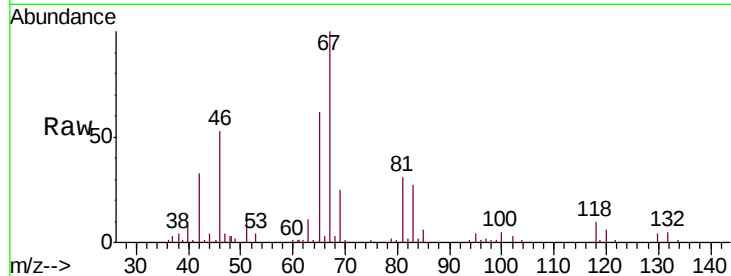




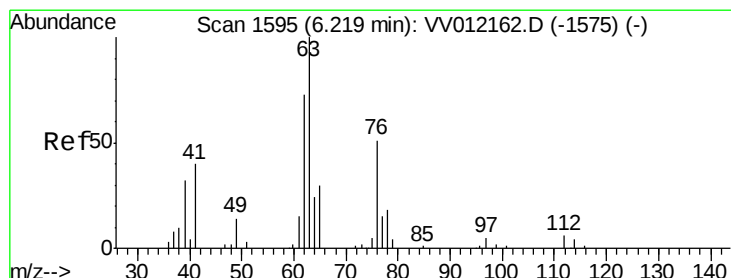
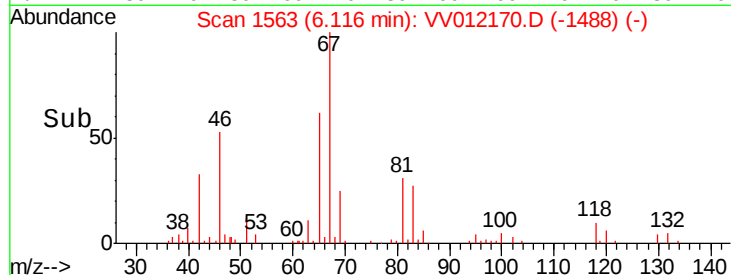
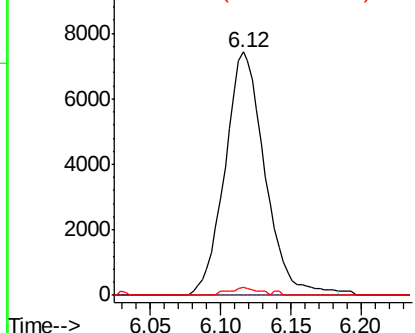
#35
Methylcyclohexane
Concen: 5.340 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012170.D
Acq: 10 Aug 2019 00:03

Instrument :
MSVOA_V
ClientSampleId :
F2B14

Tgt Ion: 83 Resp: 14724
Ion Ratio Lower Upper
83 100
55 0.0 54.9 82.3#
98 1.6 40.7 61.1#

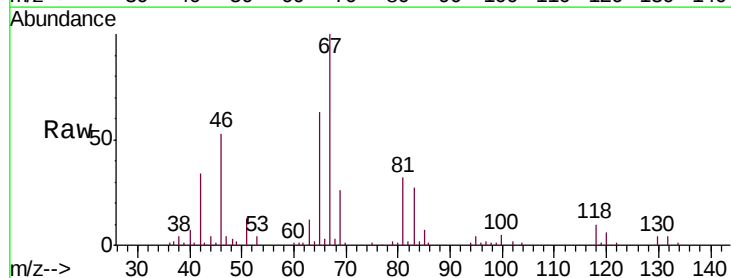


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

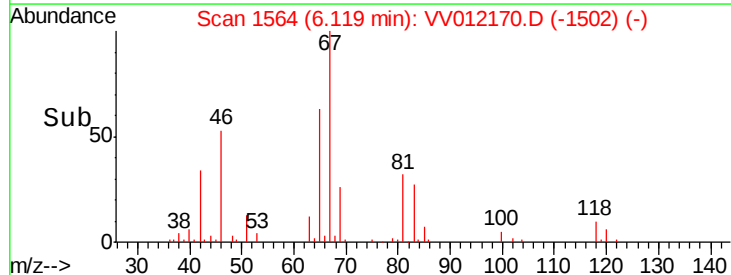
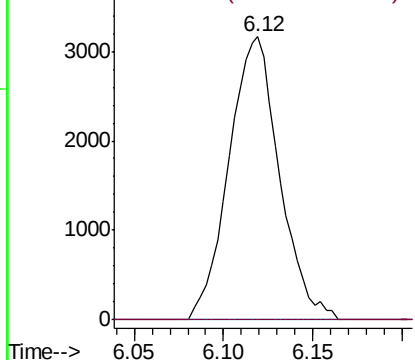


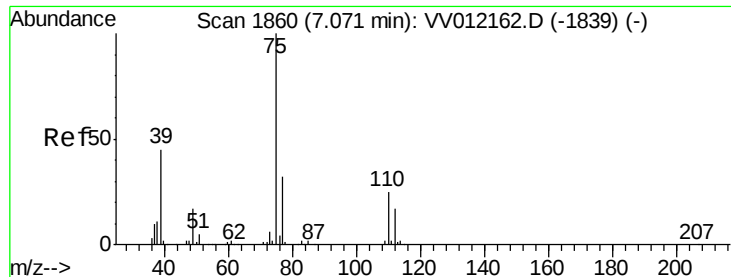
#37
1,2-Dichloropropane
Concen: 3.998 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV012170.D
Acq: 10 Aug 2019 00:03

Tgt Ion: 63 Resp: 6239
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V

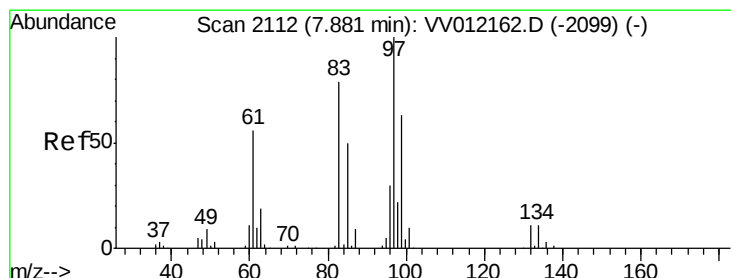
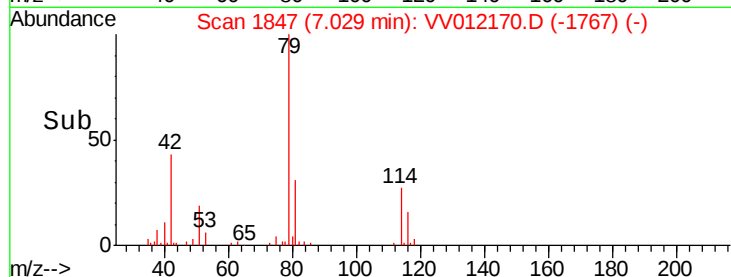
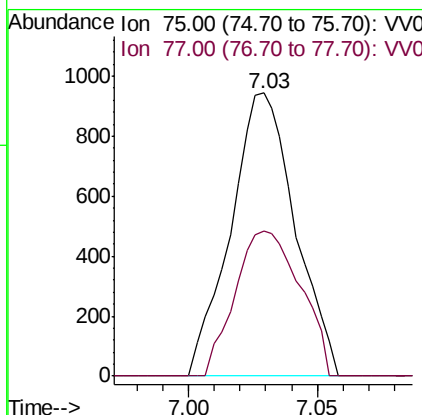
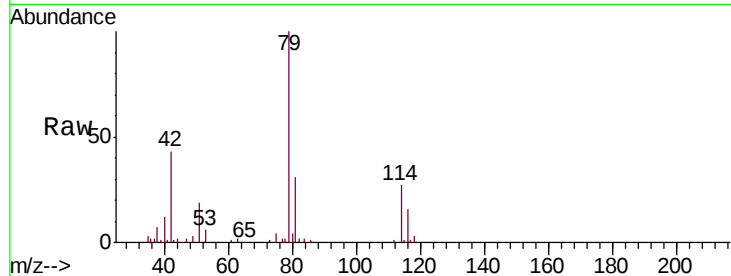




#39
 cis-1,3-Dichloropropene
 Concen: 0.611 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV012170.D
 Acq: 10 Aug 2019 00:03

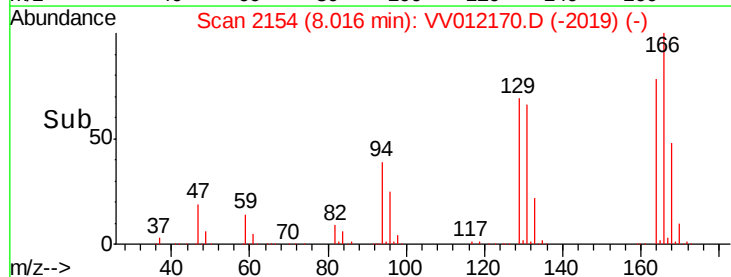
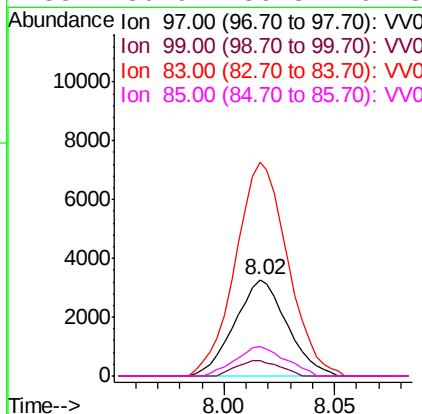
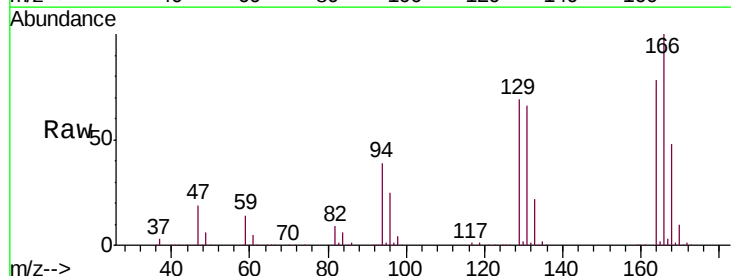
Instrument :
 MSVOA_V
 ClientSampled :
 F2B14

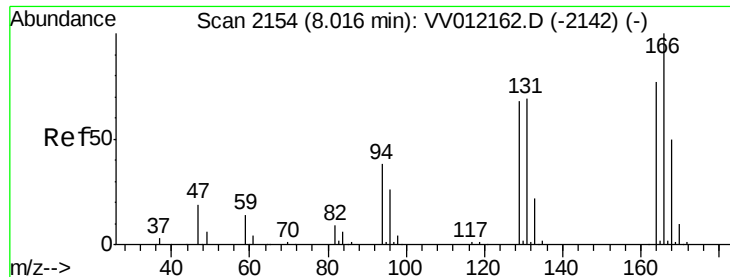
Tgt Ion: 75 Resp: 1645
 Ion Ratio Lower Upper
 75 100
 77 51.1 21.7 40.3#



#45
 1,1,2-Trichloroethane
 Concen: 3.123 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. 0.14 min
 Lab File: VV012170.D
 Acq: 10 Aug 2019 00:03

Tgt Ion: 97 Resp: 5394
 Ion Ratio Lower Upper
 97 100
 99 16.0 44.2 82.0#
 83 222.5 55.9 103.9#
 85 30.9 36.3 67.3#





#46

Tetrachloroethene

Concen: 423.821 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV012170.D

Acq: 10 Aug 2019 00:03

Instrument :

MSVOA_V

ClientSampleId :

F2B14

Tgt Ion:164 Resp: 717376

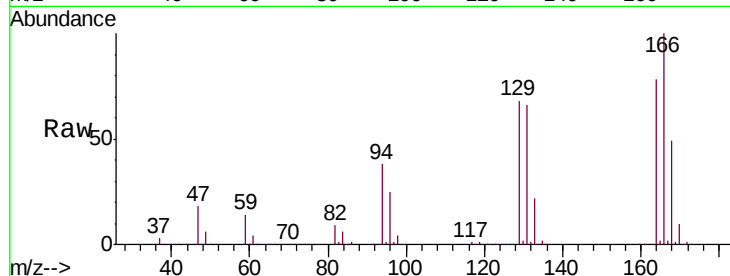
Ion Ratio Lower Upper

164 100

129 86.4 60.6 112.6

131 84.1 59.5 110.5

166 127.9 87.2 161.9

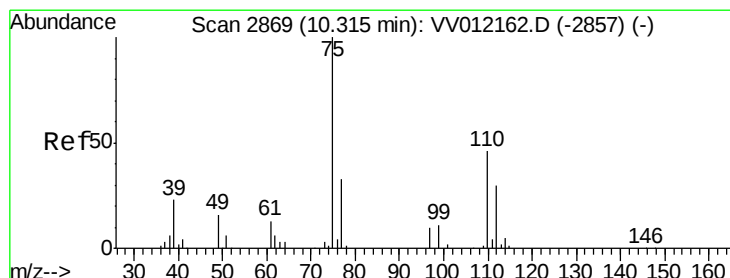
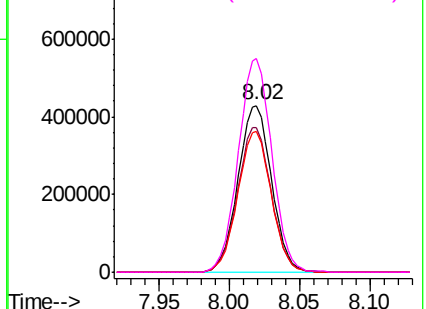
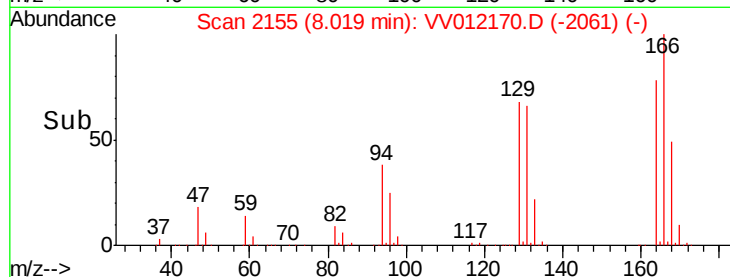


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#59

1,2,3-Trichloropropane

Concen: 4.747 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.98 min

Lab File: VV012170.D

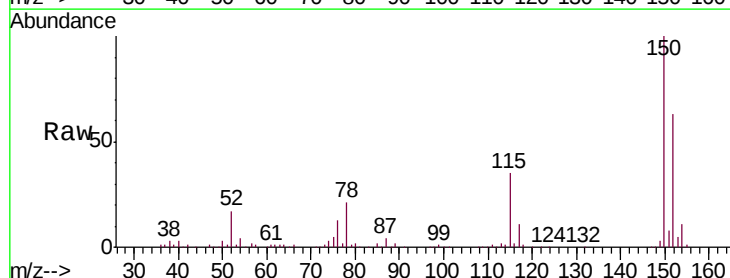
Acq: 10 Aug 2019 00:03

Tgt Ion: 75 Resp: 9994

Ion Ratio Lower Upper

75 100

77 39.6 26.3 39.5#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

