

Data File : VV012350.D
Acq On : 22 Aug 2019 16:18
Operator : SY/MD
Sample : K4481-09
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0XM7

Quant Time: Aug 23 07:00:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082119WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 23 06:55:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	177595	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	166438	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	74882	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34321	40.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.64%
7) Chloroethane-d5	1.58	69	25895	42.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.92%
11) 1,1-Dichloroethene-d2	2.13	63	55188	33.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.68%
21) 2-Butanone-d5	3.92	46	57531	87.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.78%
24) Chloroform-d	4.40	84	113841	47.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.26%
26) 1,2-Dichloroethane-d4	5.08	65	89328	54.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.40%
32) Benzene-d6	5.10	84	212999	47.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.98%
36) 1,2-Dichloropropane-d6	6.12	67	58227	48.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.02%
41) Toluene-d8	7.36	98	204558	47.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.58%
43) trans-1,3-Dichloropropene-	7.66	79	34871	47.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.34%
47) 2-Hexanone-d5	8.13	63	40692	82.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.15%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	78773	46.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.16%
64) 1,2-Dichlorobenzene-d4	11.67	152	87859	53.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.74%

Target Compounds

					Qvalue
9) Trichlorofluoromethane	1.77	101	30830	17.866 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	642	0.821 ug/L #	13
12) 1,1-Dichloroethene	2.13	96	420	0.588 ug/L #	1
25) Chloroform	4.42	83	5295	2.363 ug/L	96
31) Carbon tetrachloride	4.87	117	975	0.484 ug/L #	63
34) Trichloroethene	5.96	95	2569	2.091 ug/L	82
35) Methylcyclohexane	6.12	83	17530	9.435 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	7967	8.377 ug/L #	82
39) cis-1,3-Dichloropropene	7.03	75	2438	1.381 ug/L #	74
44) trans-1,3-Dichloropropene	7.66	75	1554	0.924 ug/L #	79
45) 1,1,2-Trichloroethane	8.02	97	674	0.613 ug/L #	50
46) Tetrachloroethene	8.02	164	83021	70.606 ug/L	97
59) 1,2,3-Trichloropropane	11.29	75	5977	4.410 ug/L #	71

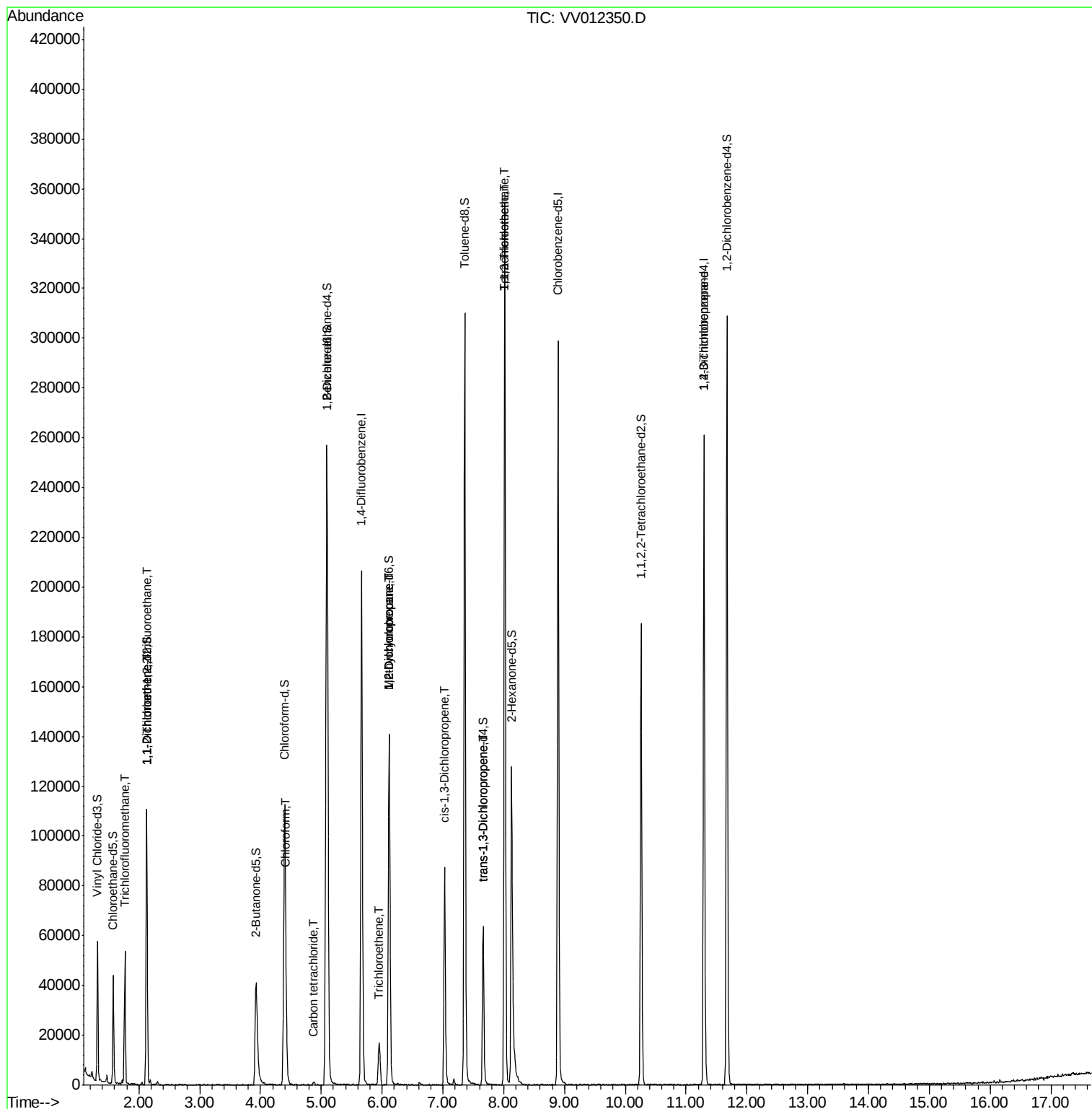
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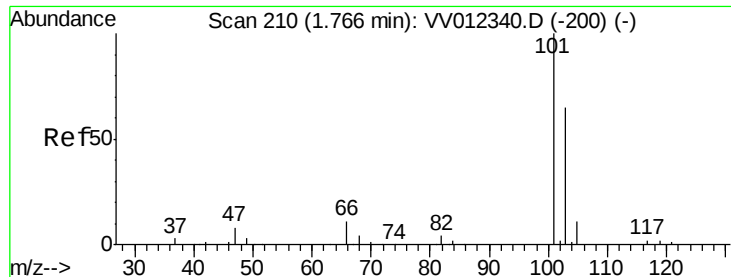
Data File : VV012350.D

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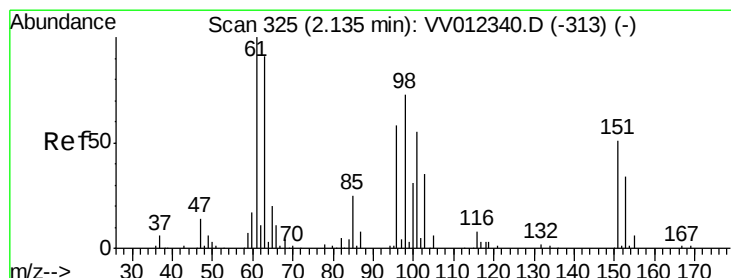
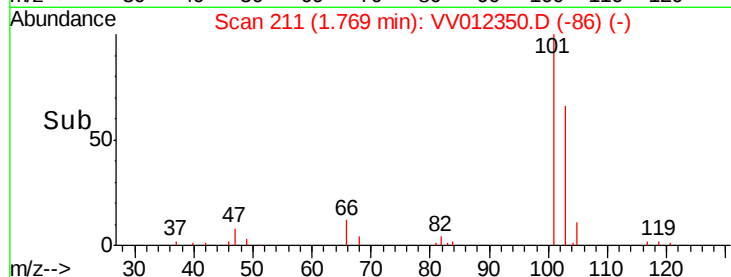
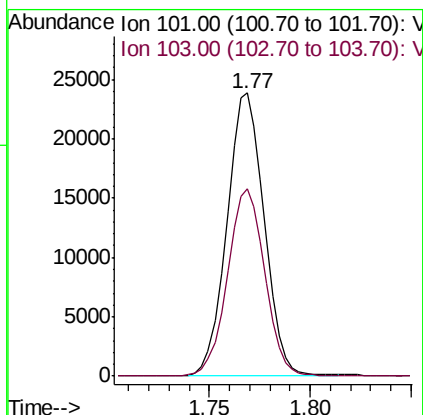
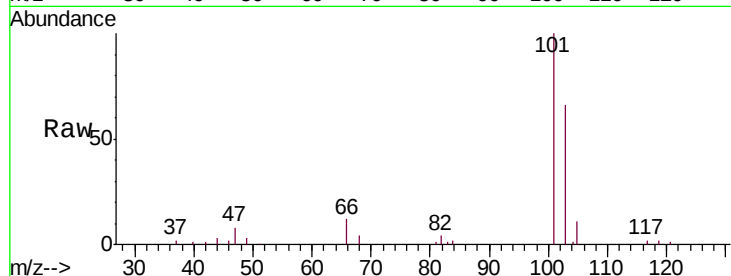


#9

Trichlorofluoromethane
 Concen: 17.866 ug/L
 RT: 1.77 min Scan# 211
 Delta R.T. 0.00 min
 Lab File: VV012350.D
 Acq: 22 Aug 2019 16:18

Instrument :
 MSVOA_V
 ClientSampleId :
 C0XM7

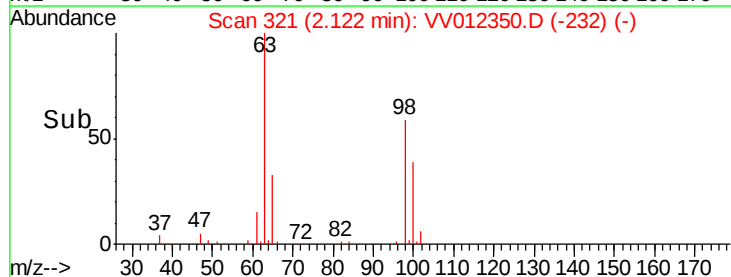
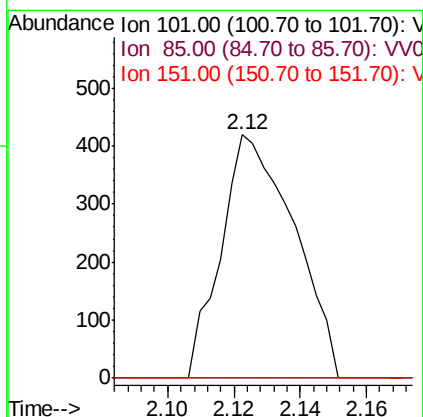
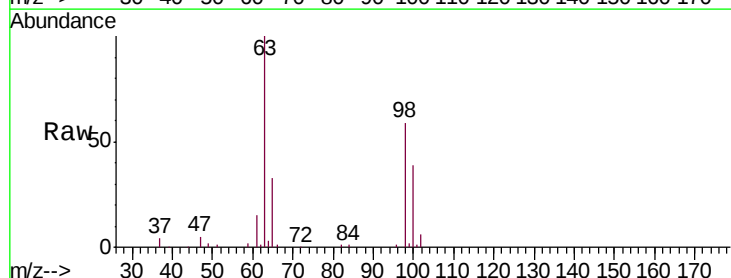
Tgt Ion:101 Resp: 30830
 Ion Ratio Lower Upper
 101 100
 103 66.1 53.2 79.8

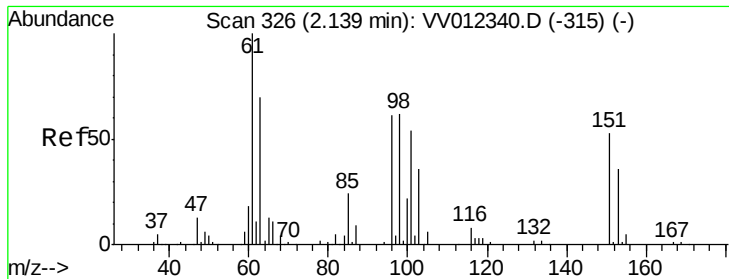


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.821 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VV012350.D
 Acq: 22 Aug 2019 16:18

Tgt Ion:101 Resp: 642
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.7 50.5#
 151 0.0 73.0 109.6#





#12

1,1-Dichloroethene

Concen: 0.588 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012350.D

Acq: 22 Aug 2019 16:18

Instrument :

MSVOA_V

ClientSampleId :

C0XM7

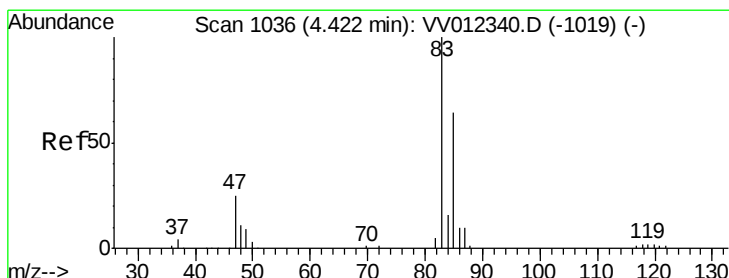
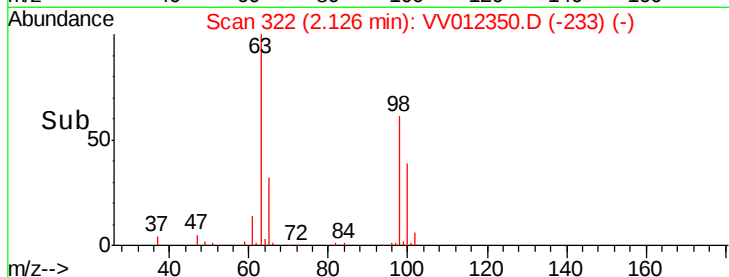
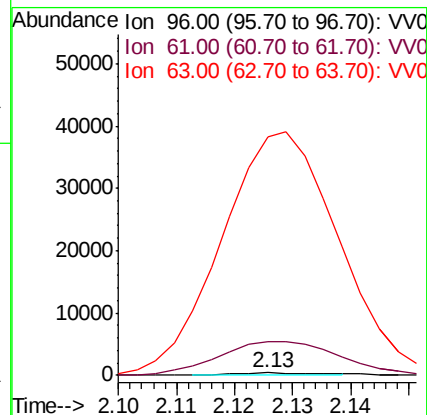
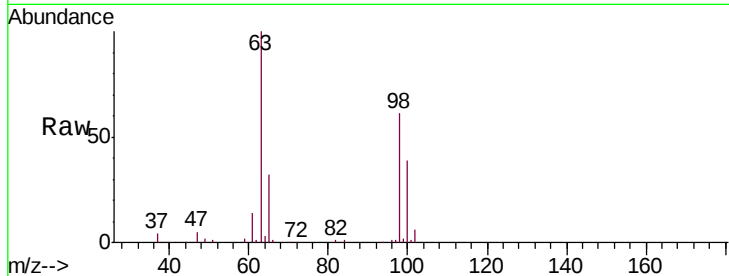
Tgt Ion: 96 Resp: 420

Ion Ratio Lower Upper

96 100

61 1416.6 122.6 227.8#

63 9927.5 98.6 183.2#



#25

Chloroform

Concen: 2.363 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV012350.D

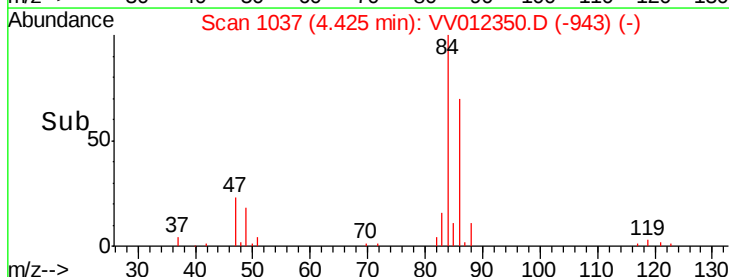
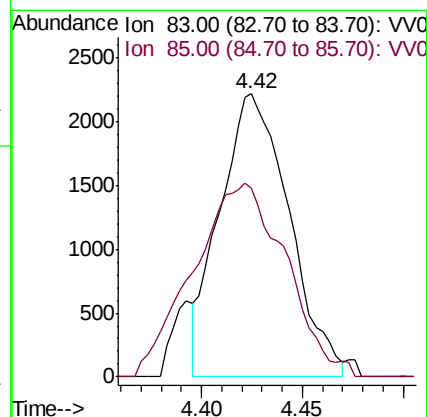
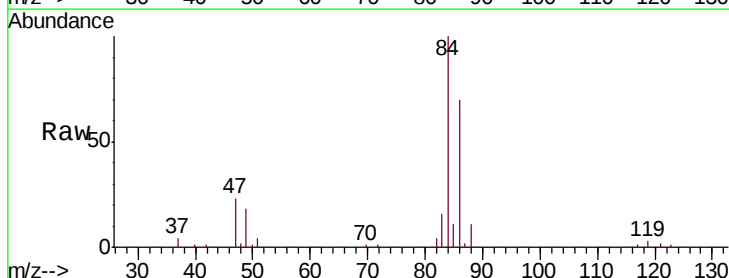
Acq: 22 Aug 2019 16:18

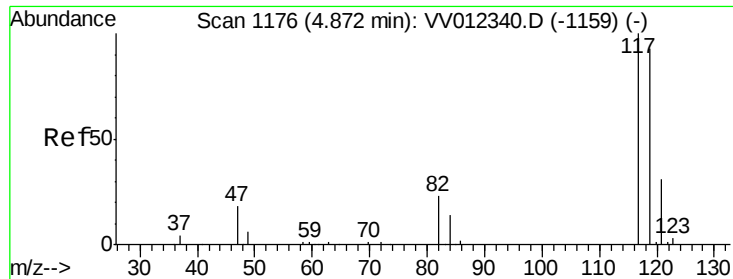
Tgt Ion: 83 Resp: 5295

Ion Ratio Lower Upper

83 100

85 66.8 44.5 82.7





#31

Carbon tetrachloride

Concen: 0.484 ug/L

RT: 4.87 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VV012350.D

Acq: 22 Aug 2019 16:18

Instrument :

MSVOA_V

ClientSampleId :

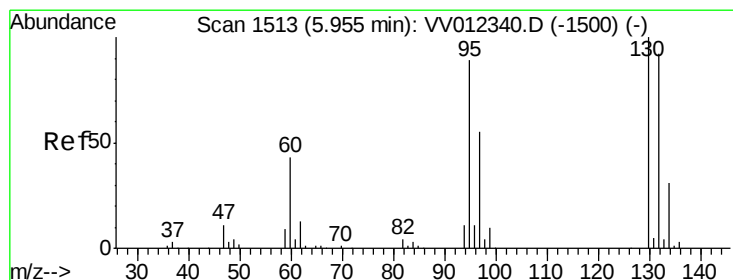
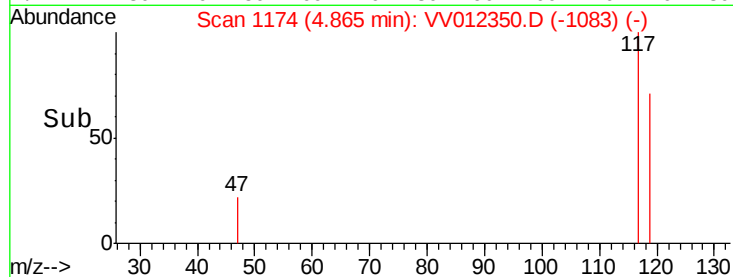
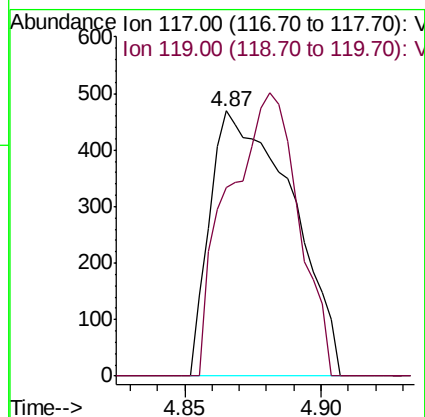
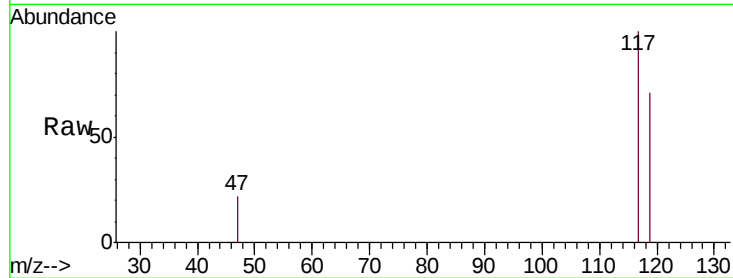
C0XM7

Tgt Ion: 117 Resp: 975

Ion Ratio Lower Upper

117 100

119 60.9 77.7 116.5#



#34

Trichloroethene

Concen: 2.091 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.01 min

Lab File: VV012350.D

Acq: 22 Aug 2019 16:18

Tgt Ion: 95 Resp: 2569

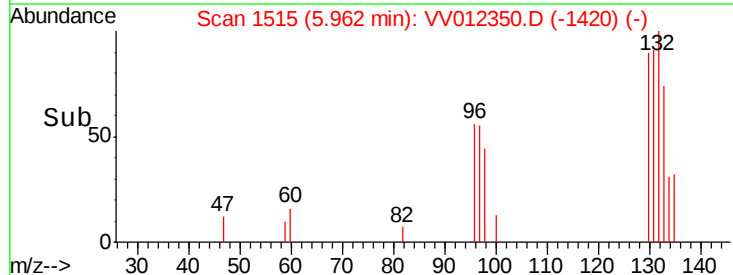
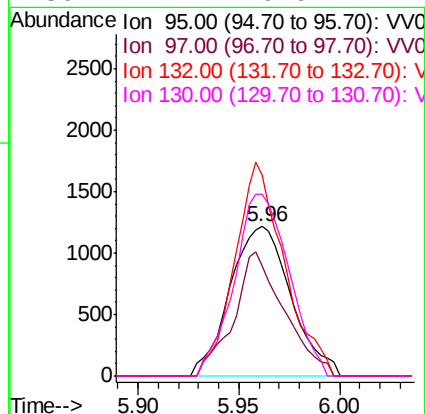
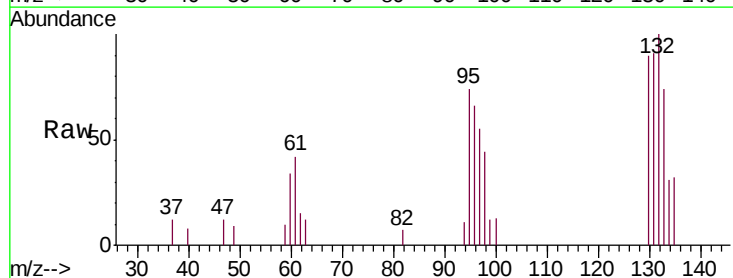
Ion Ratio Lower Upper

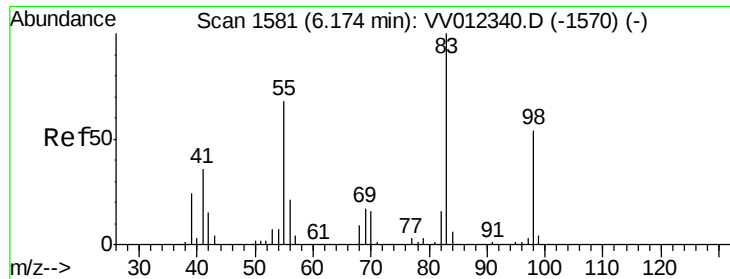
95 100

97 73.8 43.6 81.0

132 134.3 73.9 137.3

130 121.4 76.6 142.2

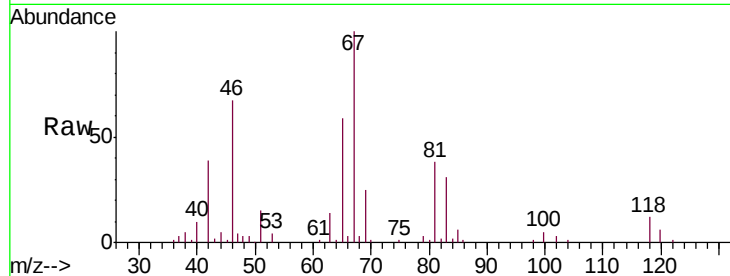




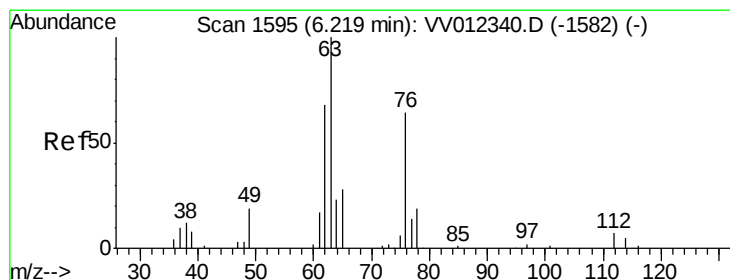
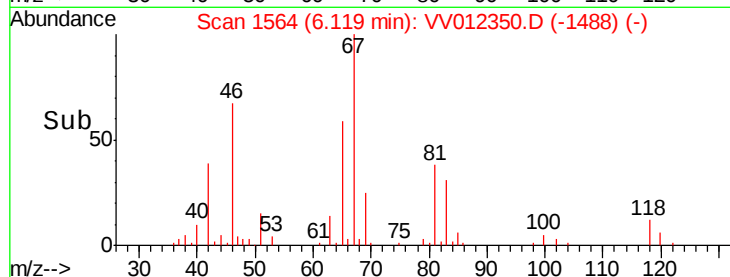
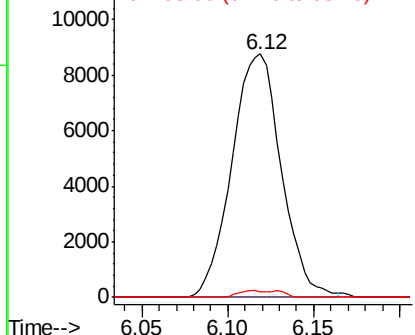
#35
Methylcyclohexane
Concen: 9.435 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV012350.D
Acq: 22 Aug 2019 16:18

Instrument :
MSVOA_V
ClientSampleId :
C0XM7

Tgt Ion: 83 Resp: 17530
Ion Ratio Lower Upper
83 100
55 0.0 56.2 84.4#
98 1.5 42.2 63.4#

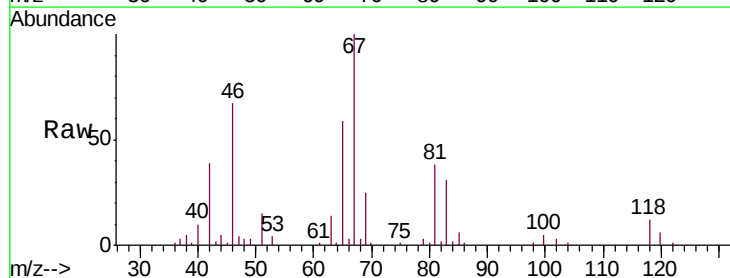


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

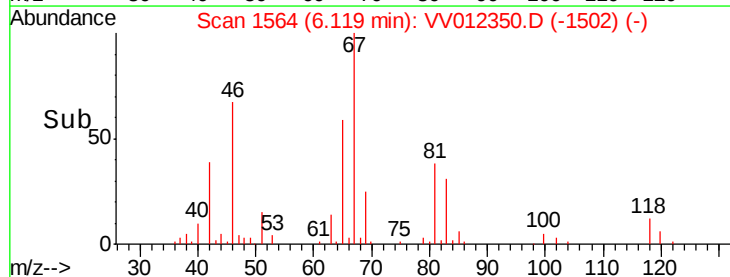
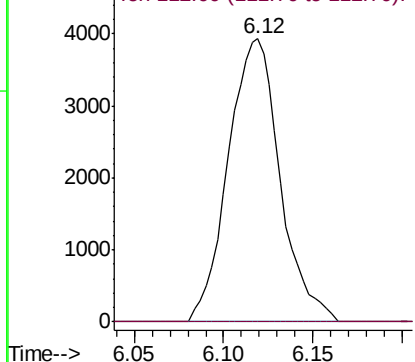


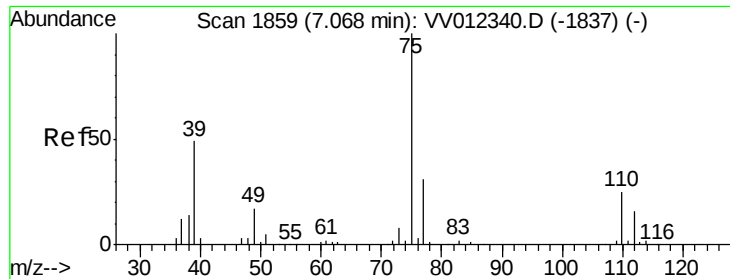
#37
1,2-Dichloropropane
Concen: 8.377 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV012350.D
Acq: 22 Aug 2019 16:18

Tgt Ion: 63 Resp: 7967
Ion Ratio Lower Upper
63 100
112 0.0 4.7 7.1#



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

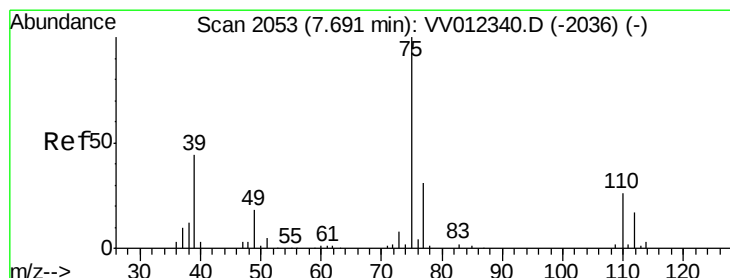
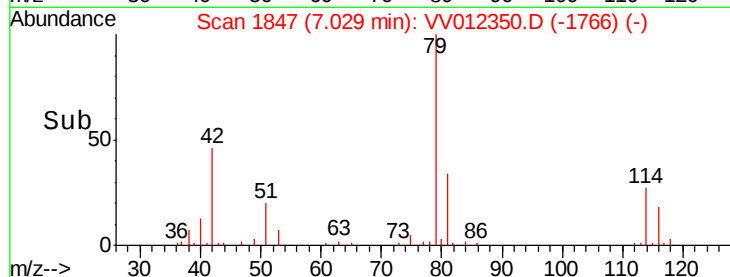
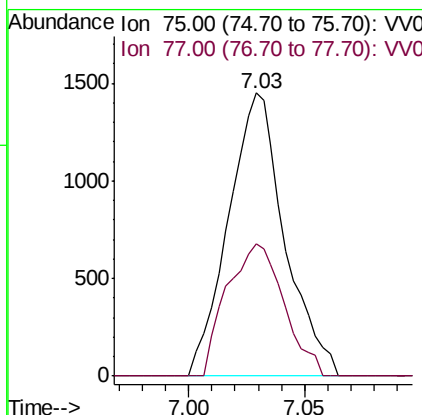
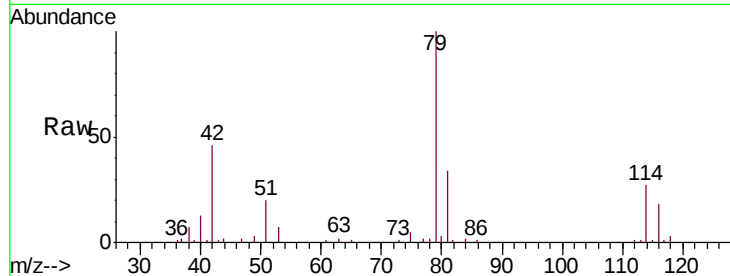




#39
 cis-1,3-Dichloropropene
 Concen: 1.381 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV012350.D
 Acq: 22 Aug 2019 16:18

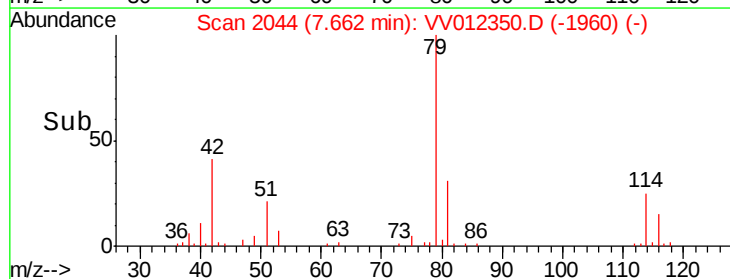
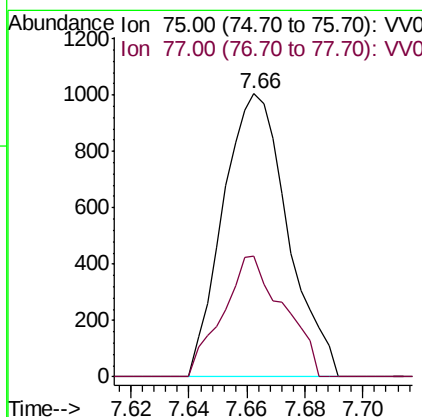
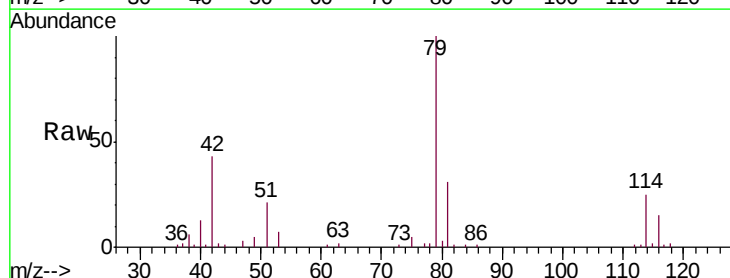
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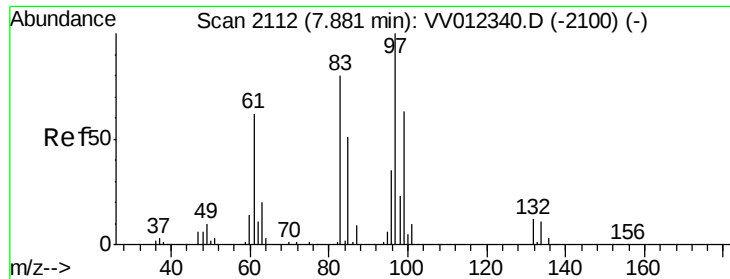
Tgt Ion: 75 Resp: 2438
 Ion Ratio Lower Upper
 75 100
 77 46.9 22.5 41.7#



#44
 trans-1,3-Dichloropropene
 Concen: 0.924 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV012350.D
 Acq: 22 Aug 2019 16:18

Tgt Ion: 75 Resp: 1554
 Ion Ratio Lower Upper
 75 100
 77 42.5 21.7 40.3#

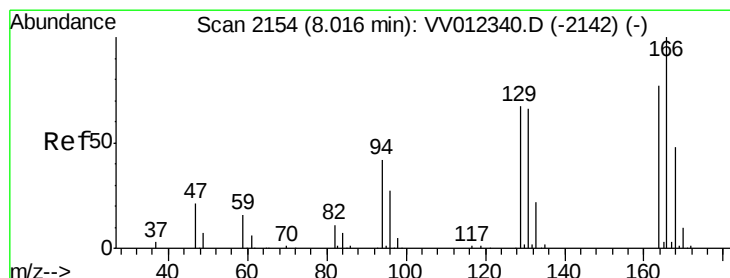
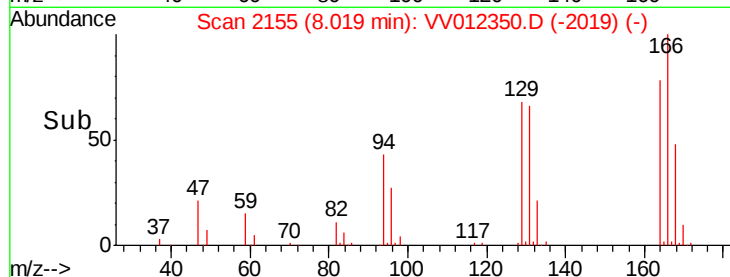
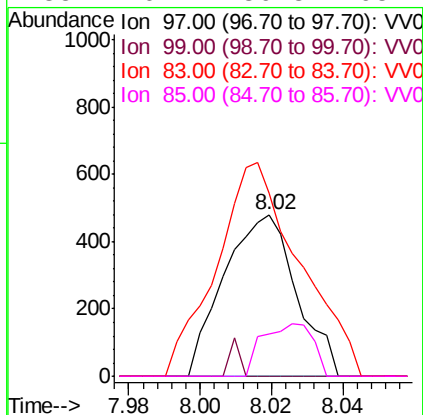
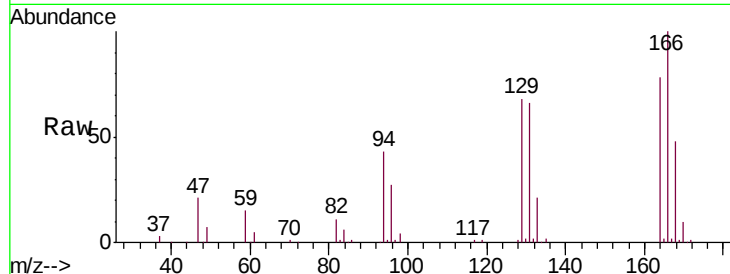




#45
1,1,2-Trichloroethane
Concen: 0.613 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.14 min
Lab File: VV012350.D
Acq: 22 Aug 2019 16:18

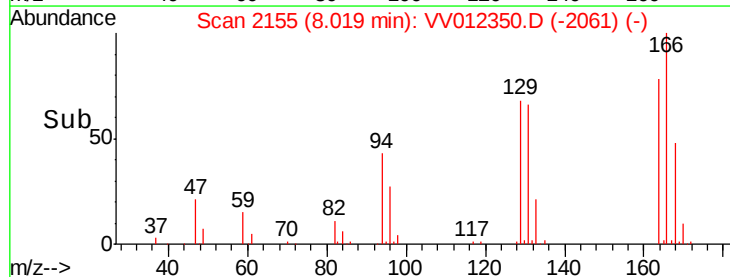
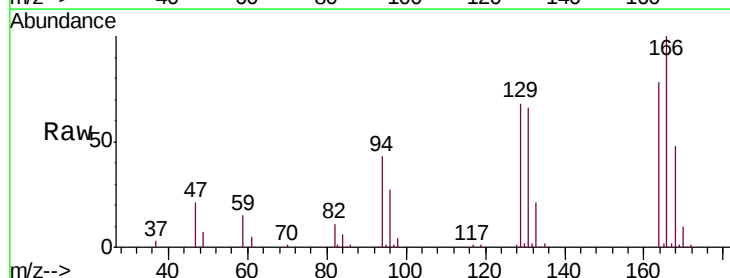
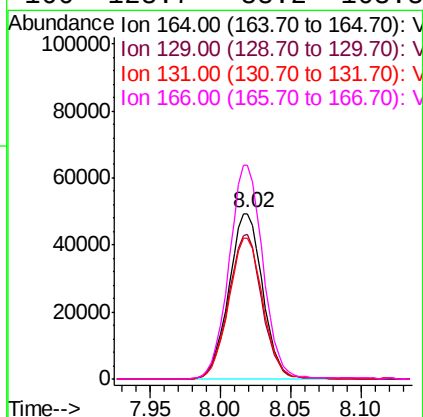
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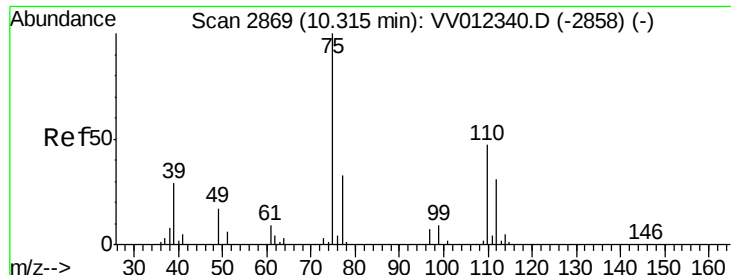
Tgt Ion: 97 Resp: 674
Ion Ratio Lower Upper
97 100
99 0.0 45.5 84.5#
83 113.1 58.5 108.7#
85 26.2 36.8 68.4#



#46
Tetrachloroethene
Concen: 70.606 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV012350.D
Acq: 22 Aug 2019 16:18

Tgt Ion: 164 Resp: 83021
Ion Ratio Lower Upper
164 100
129 87.4 61.5 114.3
131 85.2 56.6 105.0
166 128.7 88.2 163.8





#59

1,2,3-Trichloropropane

Concen: 4.410 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.98 min

Lab File: VV012350.D

Acq: 22 Aug 2019 16:18

Instrument :

MSVOA_V

ClientSampleId :

C0XM7

Tgt Ion: 75 Resp: 5977

Ion Ratio Lower Upper

75 100

77 50.1 26.8 40.2#

