

Data File : VV014972.D
Acq On : 17 Mar 2020 14:35
Operator : SY/MD
Sample : L1940-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0D91

Quant Time: Mar 18 05:24:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 18 05:21:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	332645	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	326320	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	154328	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	90687	40.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.84%
7) Chloroethane-d5	1.58	69	73722	44.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.58%
11) 1,1-Dichloroethene-d2	2.12	63	112236	33.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.02%
21) 2-Butanone-d5	3.93	46	99636	73.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	73.74%
24) Chloroform-d	4.38	84	209563	45.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.78%
26) 1,2-Dichloroethane-d4	5.06	65	140238	47.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.88%
32) Benzene-d6	5.08	84	425478	47.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.66%
36) 1,2-Dichloropropane-d6	6.10	67	127080	47.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.94%
41) Toluene-d8	7.34	98	414081	46.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.14%
43) trans-1,3-Dichloropropene-	7.64	79	57401	40.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.66%
47) 2-Hexanone-d5	8.12	63	115935	95.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.94%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	182204	46.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.98%
64) 1,2-Dichlorobenzene-d4	11.65	152	171280	50.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.32%

Target Compounds

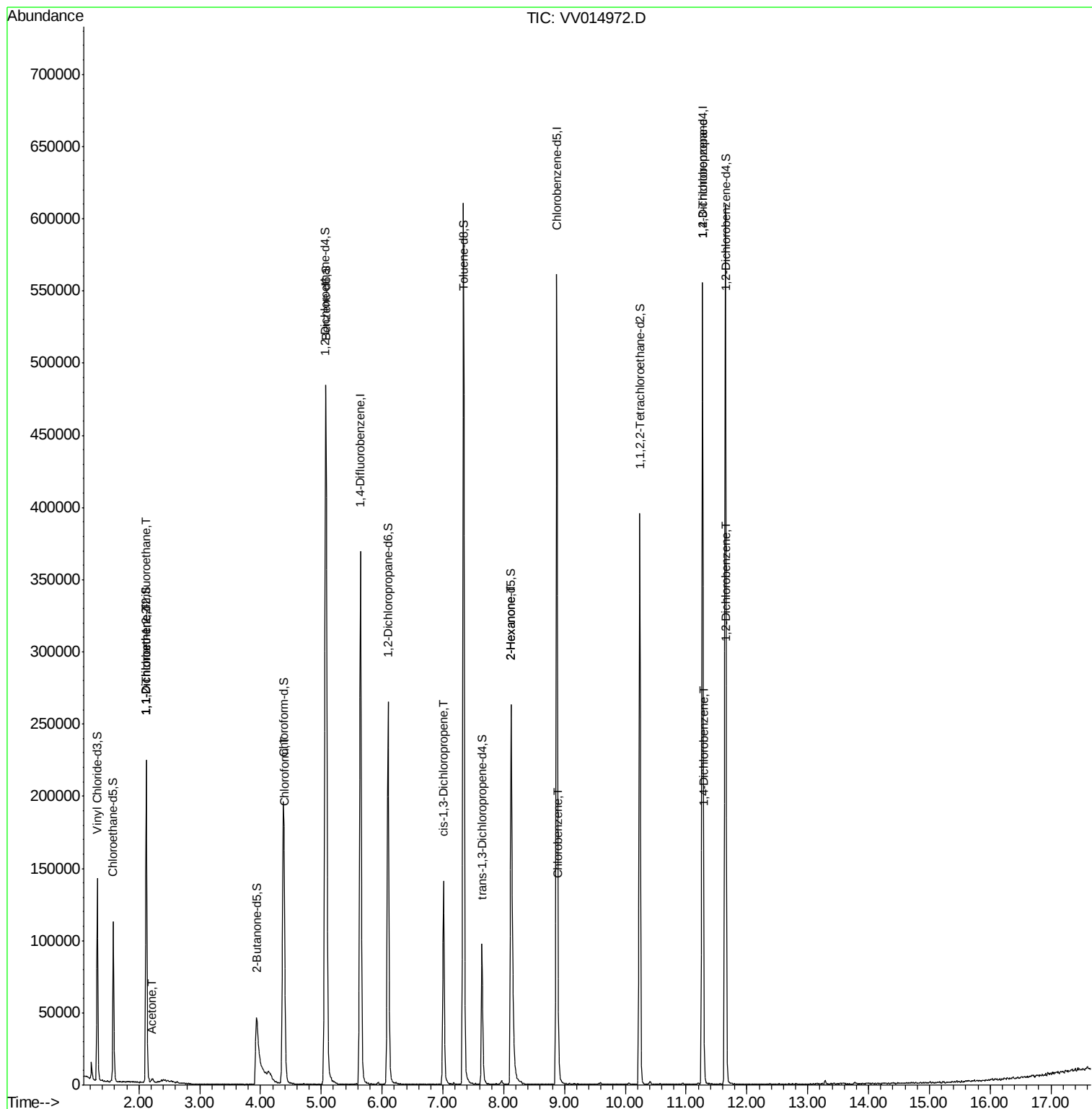
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1230	0.718 ug/L #	15
12) 1,1-Dichloroethene	2.12	96	1088	0.696 ug/L #	1
13) Acetone	2.21	43	1626	1.218 ug/L	87
25) Chloroform	4.40	83	5514	1.266 ug/L	85
39) cis-1,3-Dichloropropene	7.01	75	3474	0.950 ug/L #	66
48) 2-Hexanone	8.12	43	12610	5.304 ug/L #	75
51) Chlorobenzene	8.90	112	6405	0.931 ug/L	97
59) 1,2,3-Trichloropropane	11.27	75	15816	5.184 ug/L	97
63) 1,4-Dichlorobenzene	11.30	146	4709	0.919 ug/L	93
65) 1,2-Dichlorobenzene	11.67	146	3517	0.692 ug/L #	91

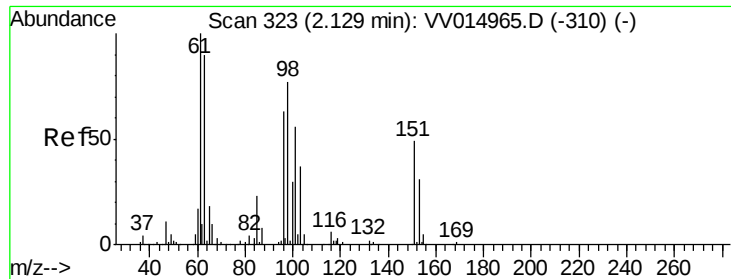
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.718 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

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MSVOA_V

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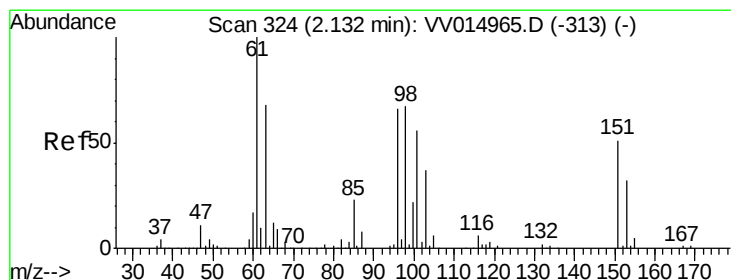
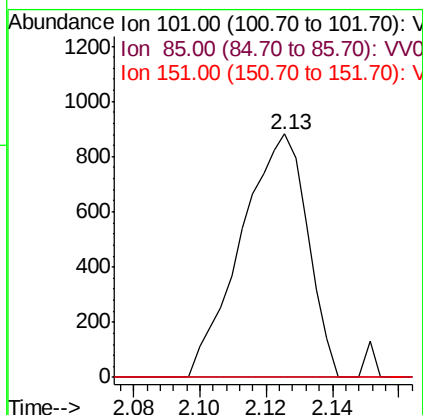
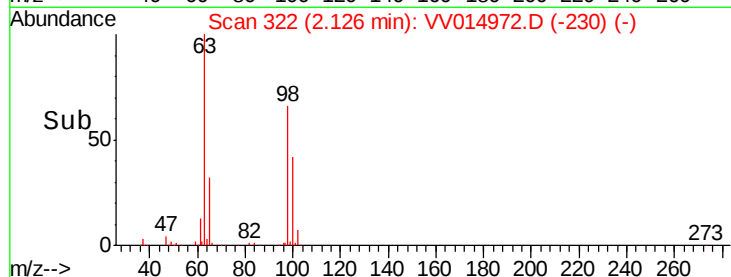
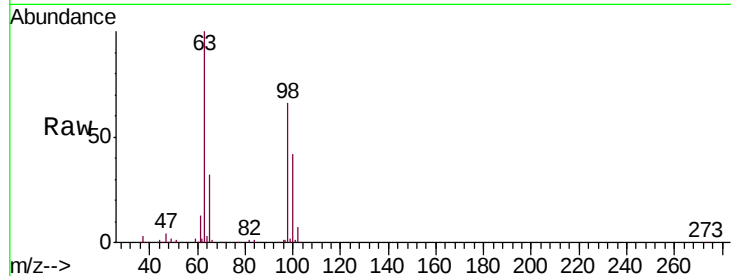
Tgt Ion:101 Resp: 1230

Ion Ratio Lower Upper

101 100

85 0.0 33.9 50.9#

151 0.0 70.1 105.1#



#12

1,1-Dichloroethene

Concen: 0.696 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV014972.D

Acq: 17 Mar 2020 14:35

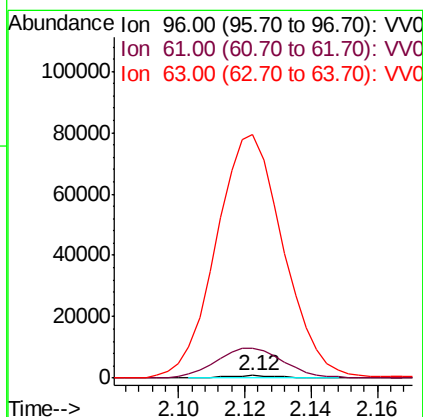
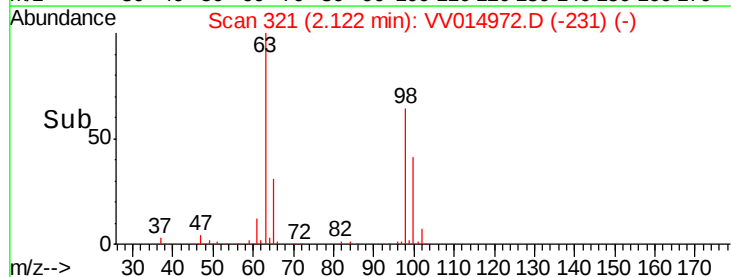
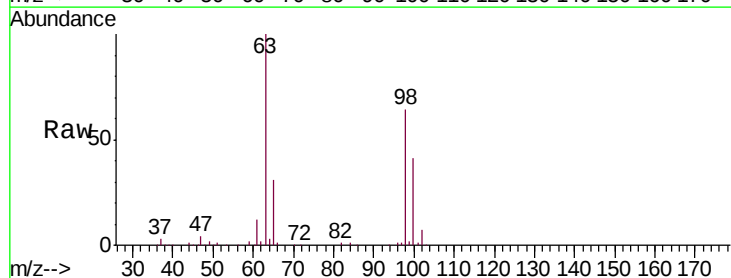
Tgt Ion: 96 Resp: 1088

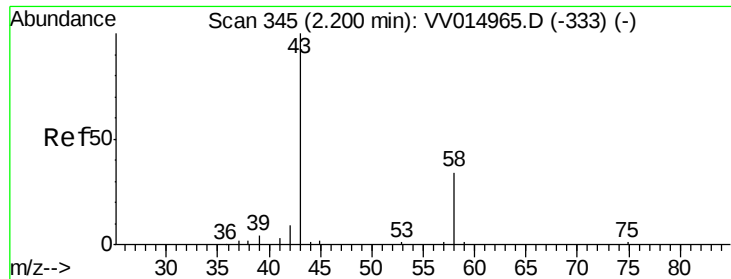
Ion Ratio Lower Upper

96 100

61 1224.4 115.7 214.9#

63 9936.4 99.2 184.2#





#13

Acetone

Concen: 1.218 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.01 min

Lab File: VV014972.D

Acq: 17 Mar 2020 14:35

Instrument :

MSVOA_V

ClientSampled :

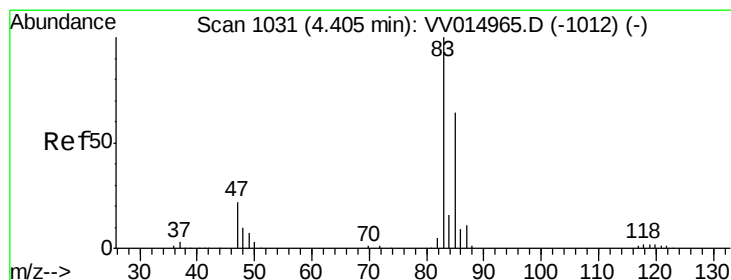
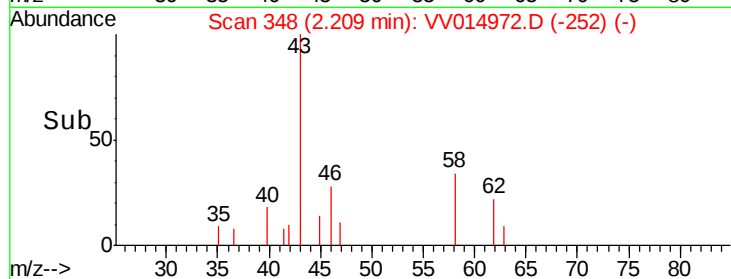
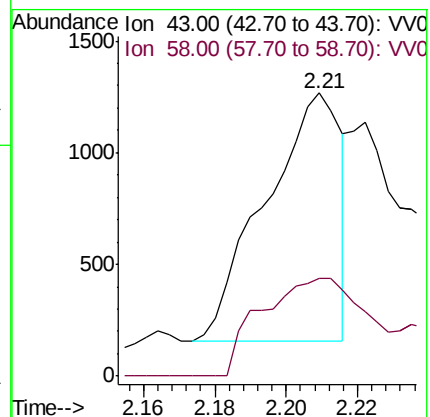
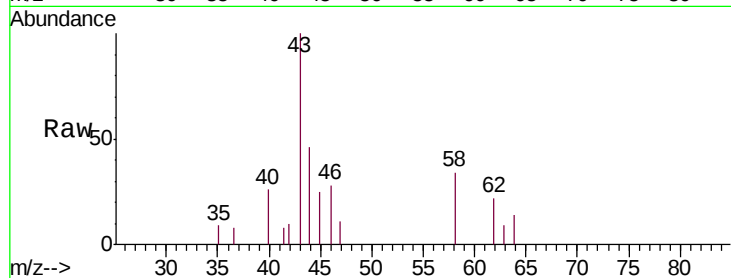
C0D91

Tgt Ion: 43 Resp: 1626

Ion Ratio Lower Upper

43 100

58 19.2 0.0 51.6



#25

Chloroform

Concen: 1.266 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VV014972.D

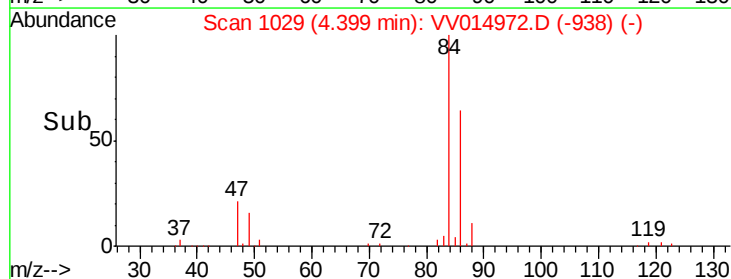
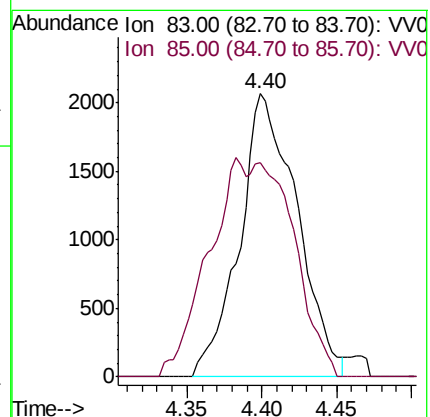
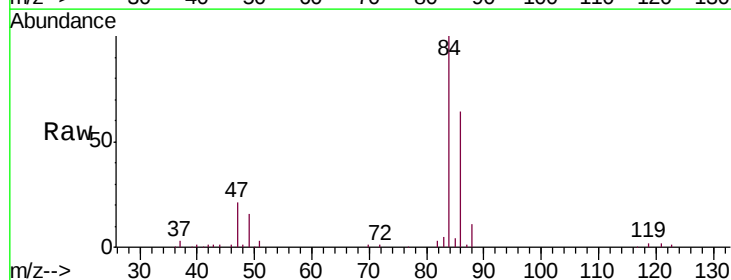
Acq: 17 Mar 2020 14:35

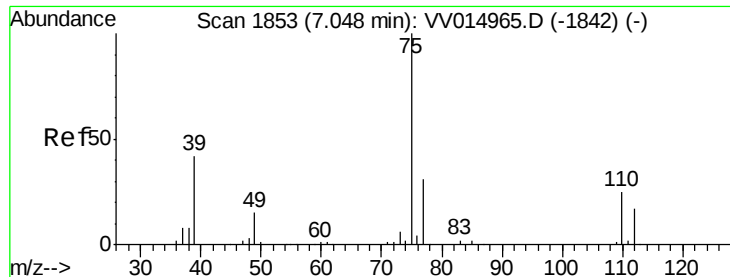
Tgt Ion: 83 Resp: 5514

Ion Ratio Lower Upper

83 100

85 75.7 44.6 82.8

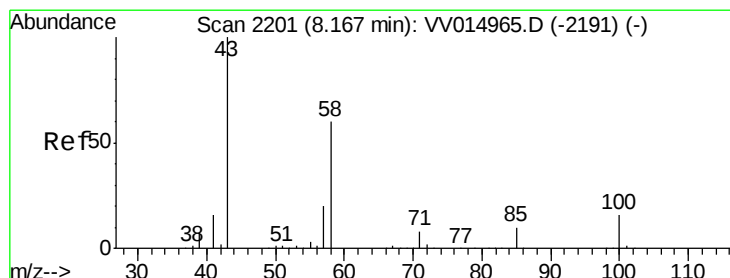
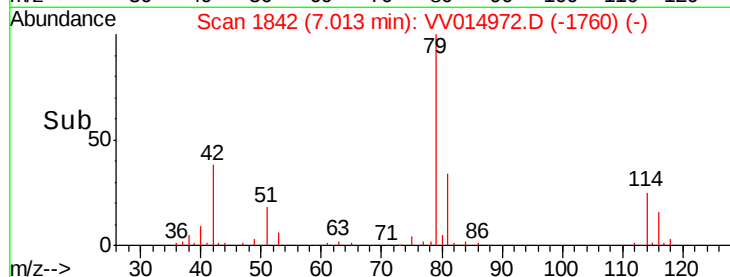
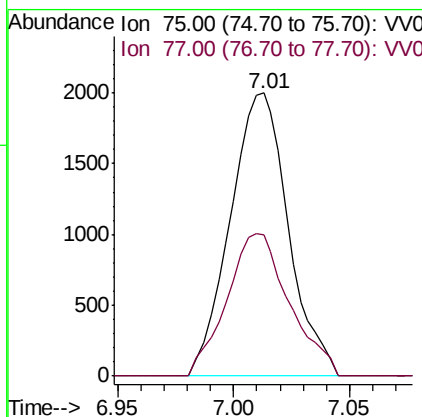
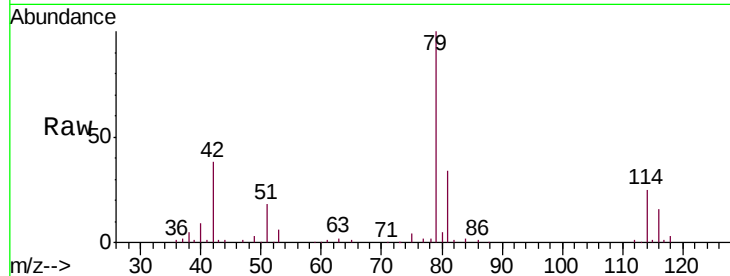




#39
 cis-1,3-Dichloropropene
 Concen: 0.950 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV014972.D
 Acq: 17 Mar 2020 14:35

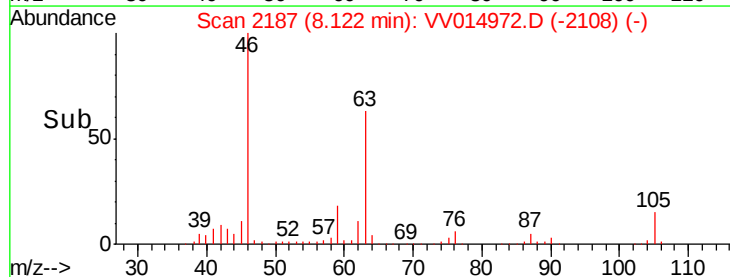
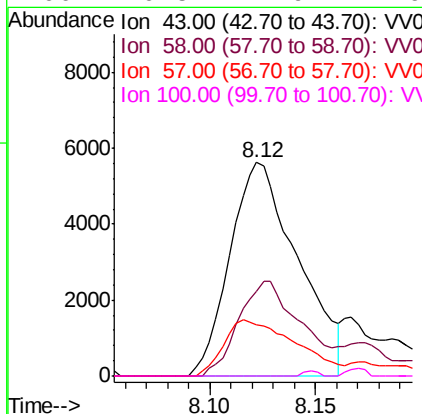
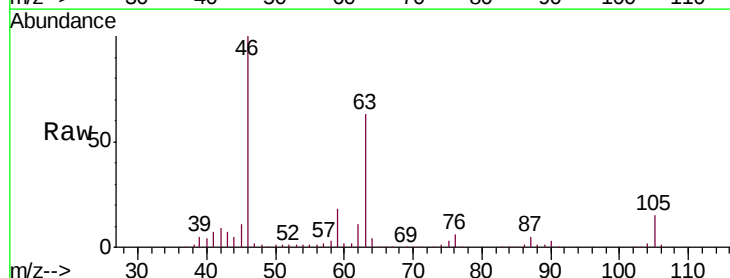
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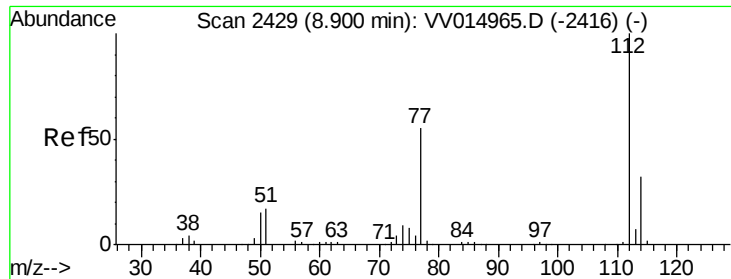
Tgt Ion: 75 Resp: 3474
 Ion Ratio Lower Upper
 75 100
 77 49.8 21.8 40.6#



#48
 2-Hexanone
 Concen: 5.304 ug/L
 RT: 8.12 min Scan# 2187
 Delta R.T. -0.05 min
 Lab File: VV014972.D
 Acq: 17 Mar 2020 14:35

Tgt Ion: 43 Resp: 12610
 Ion Ratio Lower Upper
 43 100
 58 40.3 46.9 70.3#
 57 28.2 16.2 24.4#
 100 0.5 11.9 17.9#

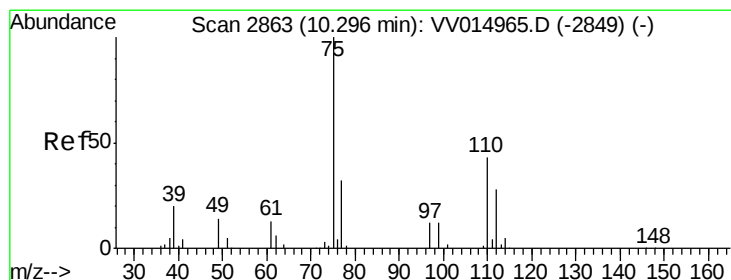
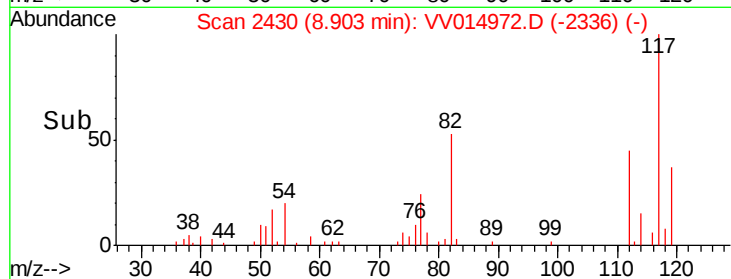
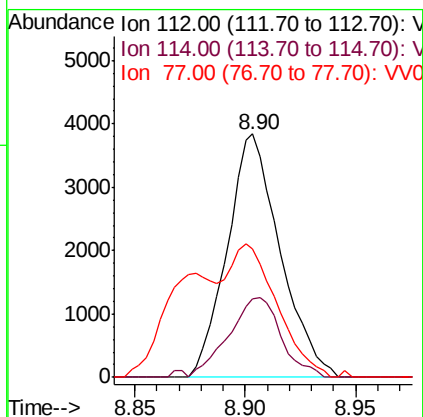
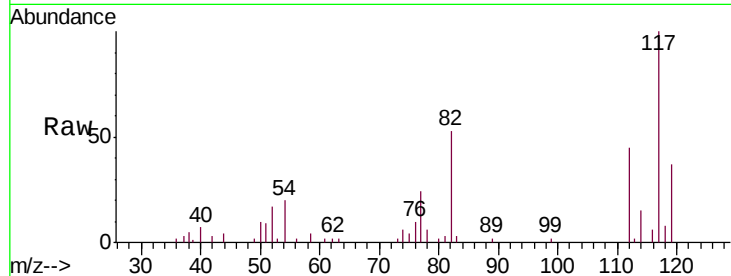




#51
Chlorobenzene
Concen: 0.931 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV014972.D
Acq: 17 Mar 2020 14:35

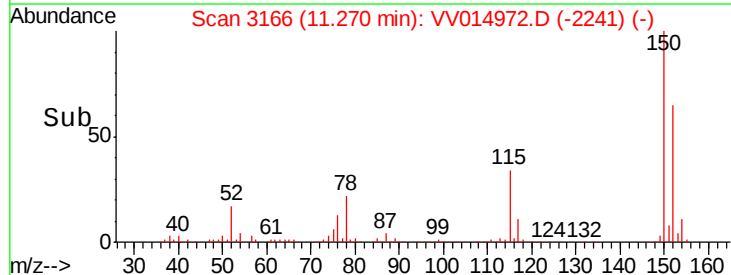
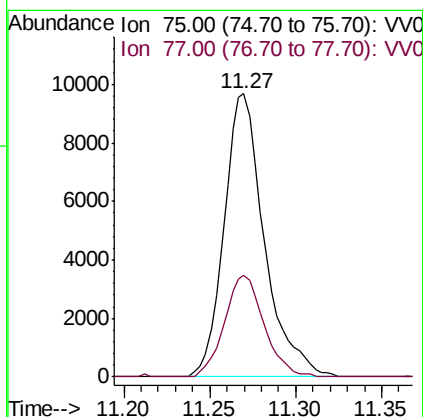
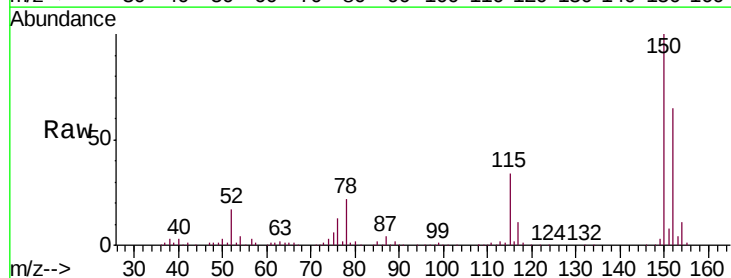
Instrument :
MSVOA_V
ClientSampleId :
C0D91

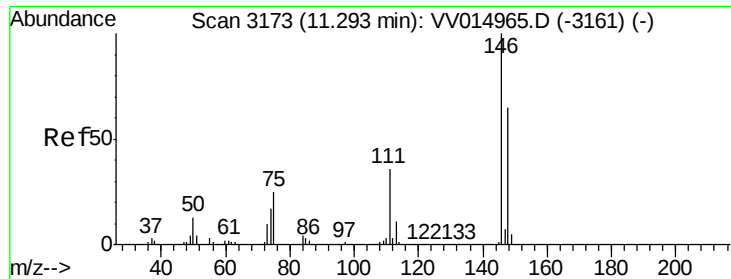
Tgt Ion: 112 Resp: 6405
Ion Ratio Lower Upper
112 100
114 32.5 22.8 42.4
77 52.6 44.5 66.7



#59
1,2,3-Trichloropropane
Concen: 5.184 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.97 min
Lab File: VV014972.D
Acq: 17 Mar 2020 14:35

Tgt Ion: 75 Resp: 15816
Ion Ratio Lower Upper
75 100
77 35.0 26.6 40.0

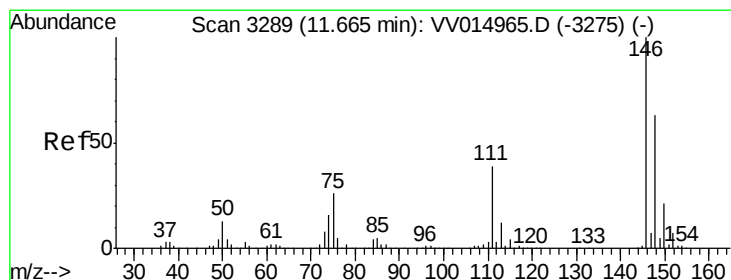
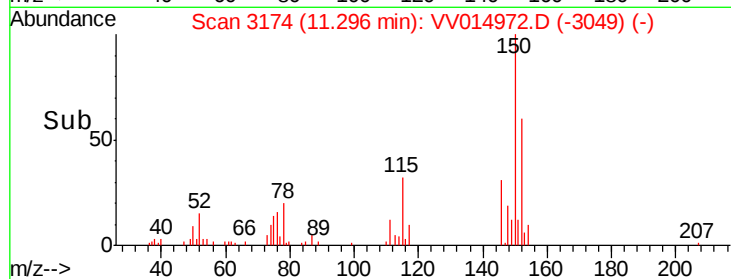
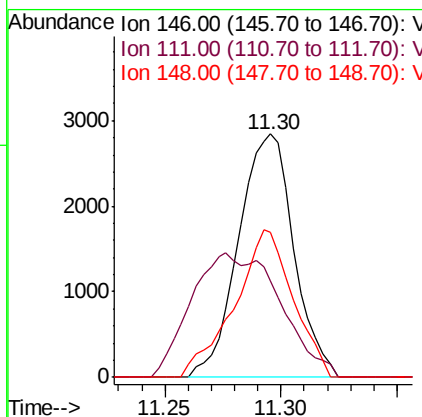
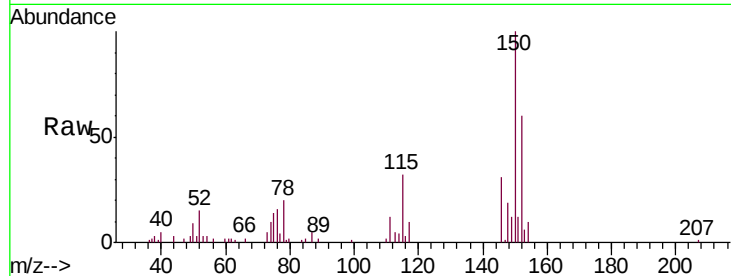




#63
 1,4-Dichlorobenzene
 Concen: 0.919 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: VV014972.D
 Acq: 17 Mar 2020 14:35

Instrument :
 MSVOA_V
 ClientSampleId :
 C0D91

Tgt Ion:146 Resp: 4709
 Ion Ratio Lower Upper
 146 100
 111 39.8 26.0 48.2
 148 59.5 46.1 85.5



#65
 1,2-Dichlorobenzene
 Concen: 0.692 ug/L
 RT: 11.67 min Scan# 3290
 Delta R.T. 0.00 min
 Lab File: VV014972.D
 Acq: 17 Mar 2020 14:35

Tgt Ion:146 Resp: 3517
 Ion Ratio Lower Upper
 146 100
 111 52.2 31.6 47.4#
 148 66.3 52.2 78.4

