

Data File : VV012176.D
Acq On : 10 Aug 2019 02:29
Operator : SY/MD
Sample : K4248-14
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2B52

Quant Time: Aug 10 05:12:25 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	253308	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	238088	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	113079	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51941	55.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	111.48%
7) Chloroethane-d5	1.58	69	28681	48.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.54%
11) 1,1-Dichloroethene-d2	2.13	63	61493	34.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.82%
21) 2-Butanone-d5	3.93	46	27663	60.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	60.04%
24) Chloroform-d	4.40	84	87229	45.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.12%
26) 1,2-Dichloroethane-d4	5.08	65	57748	52.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.04%
32) Benzene-d6	5.10	84	184666	50.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.06%
36) 1,2-Dichloropropane-d6	6.12	67	48719	48.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.04%
41) Toluene-d8	7.36	98	169605	48.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.46%
43) trans-1,3-Dichloropropene-	7.66	79	24259	44.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.16%
47) 2-Hexanone-d5	8.13	63	36919	96.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.10%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	66532	48.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.66%
64) 1,2-Dichlorobenzene-d4	11.67	152	68608	51.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.68%

Target Compounds

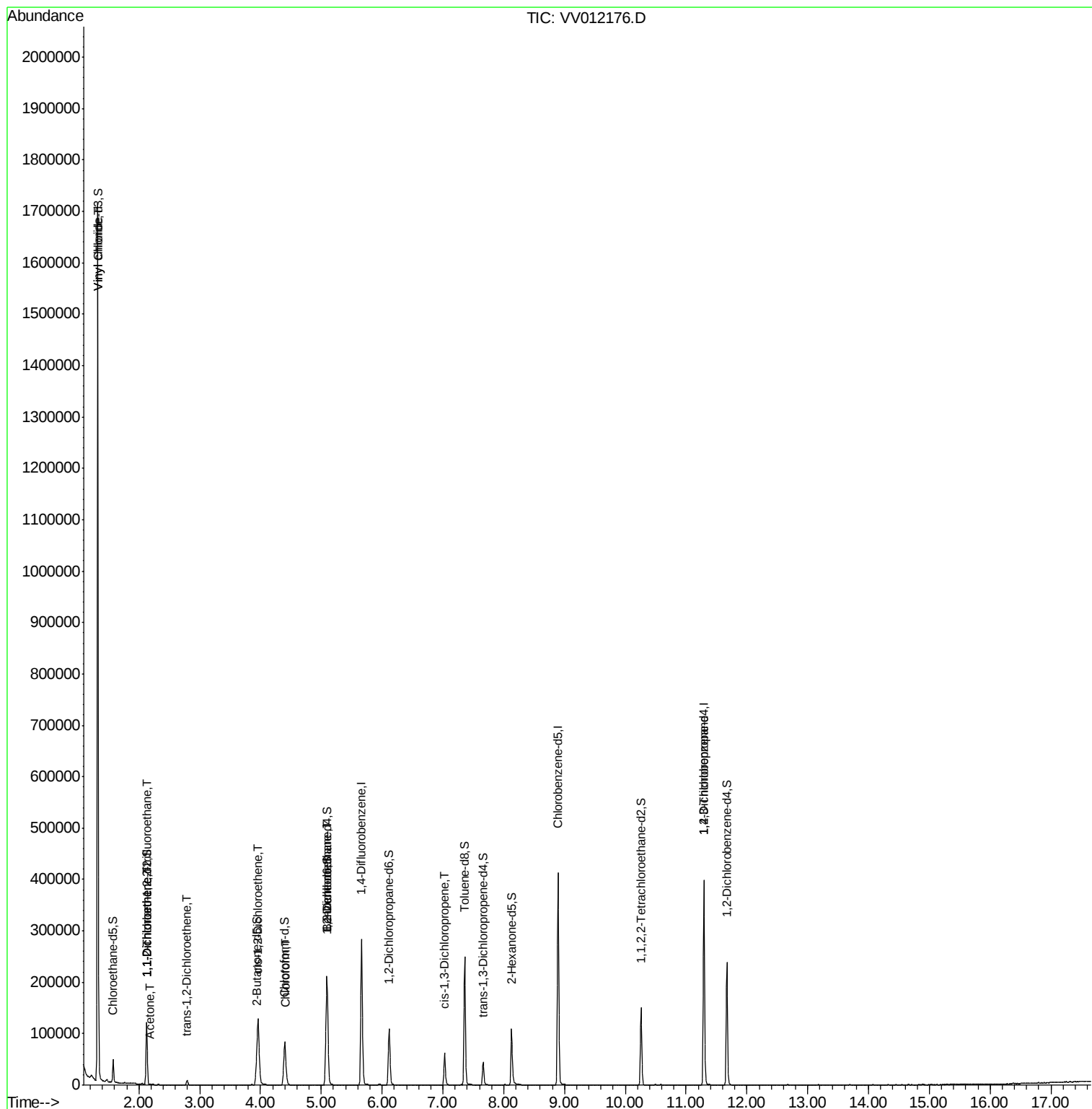
					Qvalue
5) Vinyl chloride	1.32	62	991298	707.818 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	679	0.608 ug/L #	14
12) 1,1-Dichloroethene	2.13	96	1039	1.011 ug/L #	1
13) Acetone	2.18	43	529	0.791 ug/L	75
17) trans-1,2-Dichloroethene	2.79	96	3303	2.203 ug/L	84
20) cis-1,2-Dichloroethene	3.96	96	70138	41.175 ug/L	96
25) Chloroform	4.42	83	5520	1.864 ug/L	91
27) 1,2-Dichloroethane	5.09	62	1167	0.501 ug/L #	73
39) cis-1,3-Dichloropropene	7.03	75	1465	0.587 ug/L	97
59) 1,2,3-Trichloropropane	11.29	75	9332	4.778 ug/L #	87

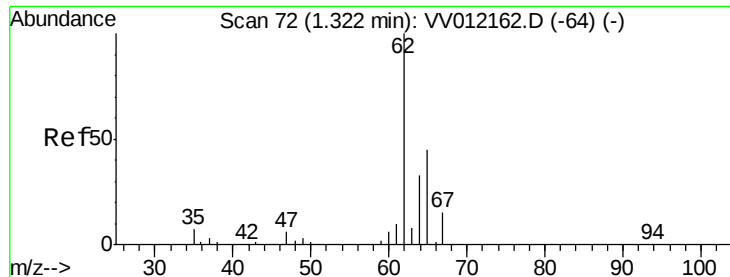
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Aug 10 05:07:53 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 707.818 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV012176.D

Acq: 10 Aug 2019 02:29

Instrument :

MSVOA_V

ClientSampled :

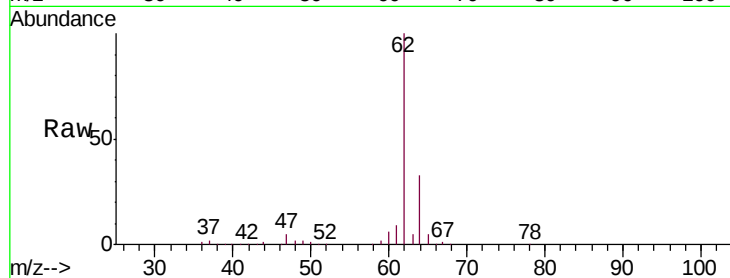
F2B52

Tgt Ion: 62 Resp: 991298

Ion Ratio Lower Upper

62 100

64 32.8 23.7 44.1



Abundance Ion 62.00 (61.70 to 62.70): VV012162.D (-64) (-)

Ion 64.00 (63.70 to 64.70): VV012162.D (-64) (-)

1.32

1000000

800000

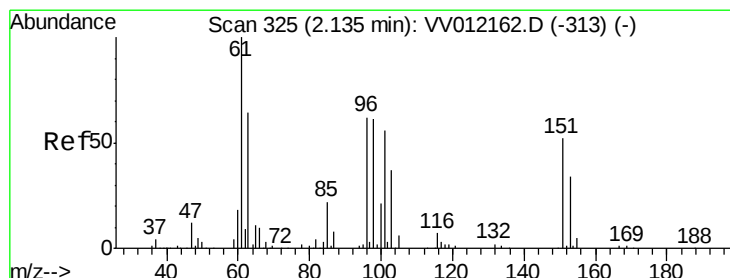
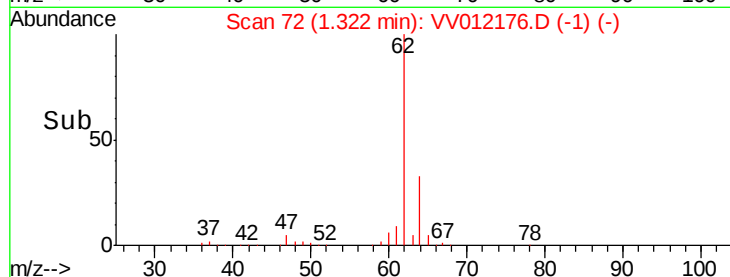
600000

400000

200000

0

1.25 1.30 1.35 1.40



#10

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

Concen: 0.608 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012176.D

Acq: 10 Aug 2019 02:29

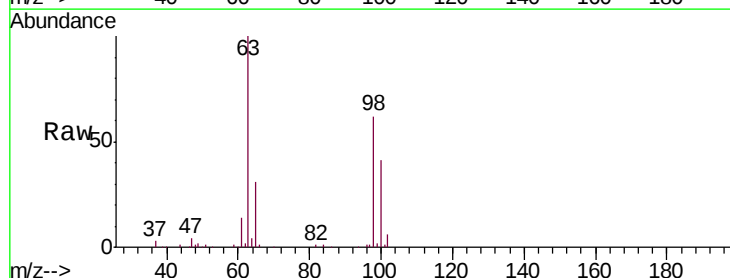
Tgt Ion: 101 Resp: 679

Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

151 0.0 71.8 107.8#



Abundance Ion 101.00 (100.70 to 101.70): VV012162.D (-313) (-)

Ion 85.00 (84.70 to 85.70): VV012162.D (-313) (-)

Ion 151.00 (150.70 to 151.70): VV012162.D (-313) (-)

2.13

600

500

400

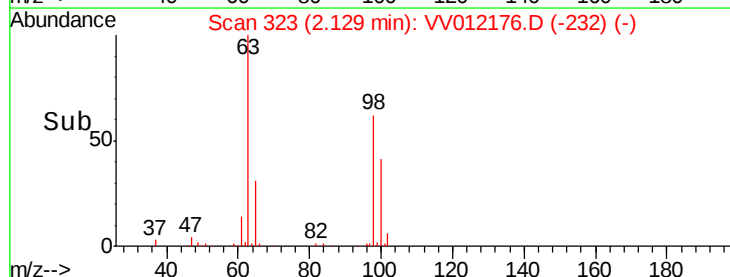
300

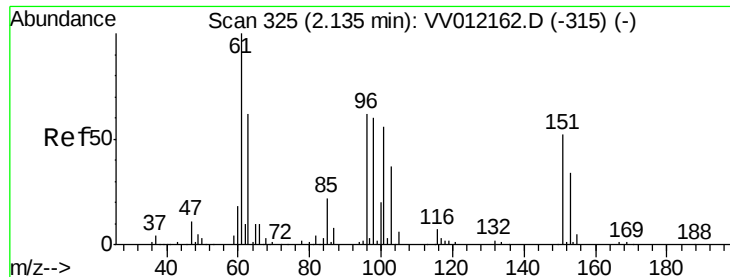
200

100

0

2.10 2.12 2.14 2.16





#12

1,1-Dichloroethene

Concen: 1.011 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV012176.D

Acq: 10 Aug 2019 02:29

Instrument :

MSVOA_V

ClientSampled :

F2B52

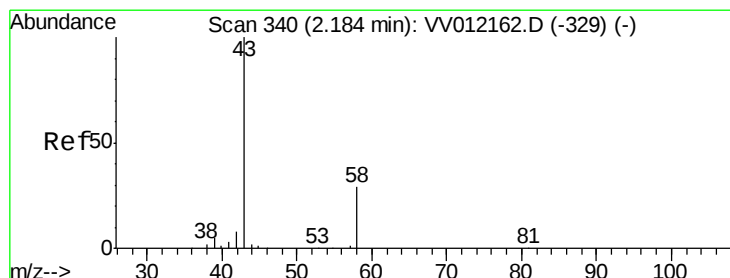
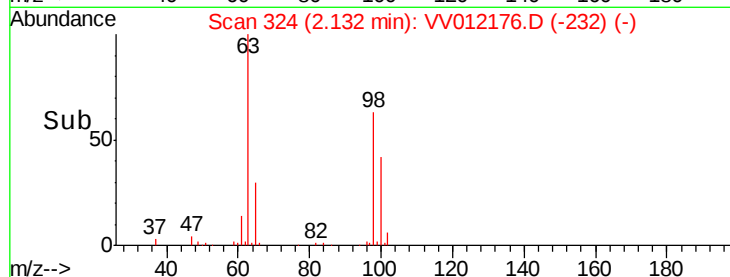
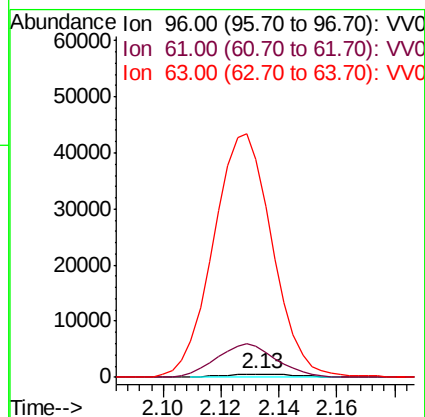
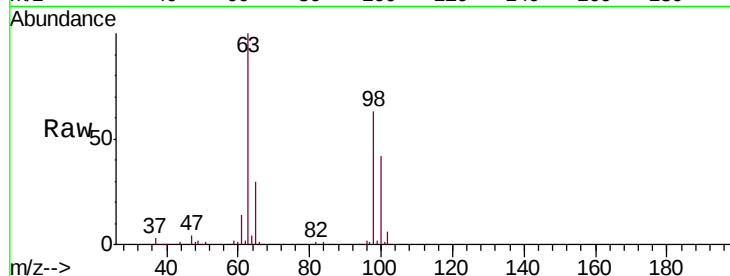
Tgt Ion: 96 Resp: 1039

Ion Ratio Lower Upper

96 100

61 943.3 115.1 213.8#

63 6576.0 83.9 155.7#



#13

Acetone

Concen: 0.791 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VV012176.D

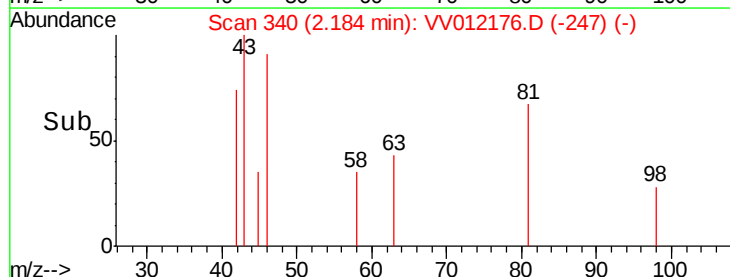
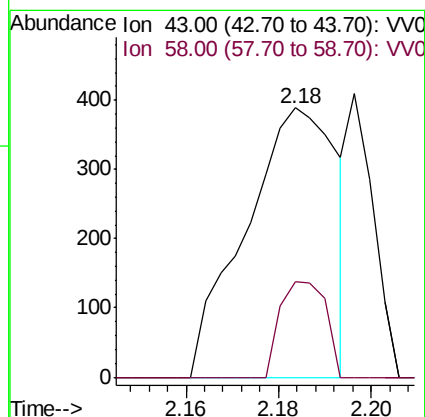
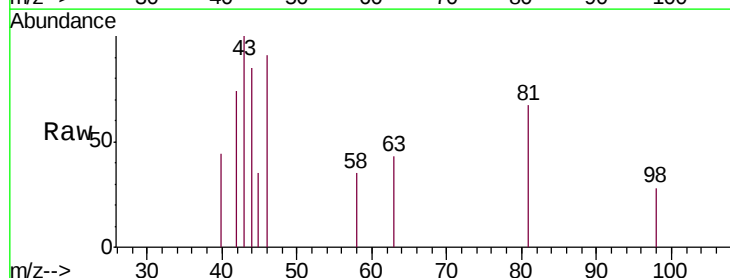
Acq: 10 Aug 2019 02:29

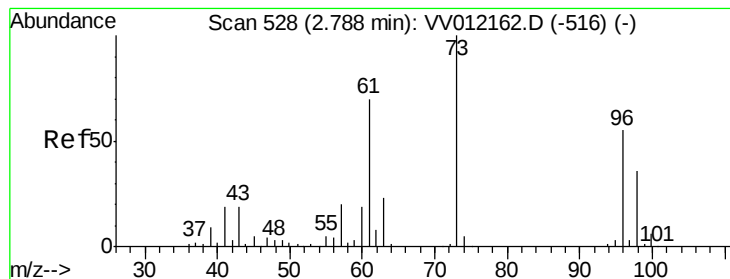
Tgt Ion: 43 Resp: 529

Ion Ratio Lower Upper

43 100

58 17.8 0.0 63.4





#17

trans-1,2-Dichloroethene

Concen: 2.203 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.01 min

Lab File: VV012176.D

Acq: 10 Aug 2019 02:29

Instrument :

MSVOA_V

ClientSampleId :

F2B52

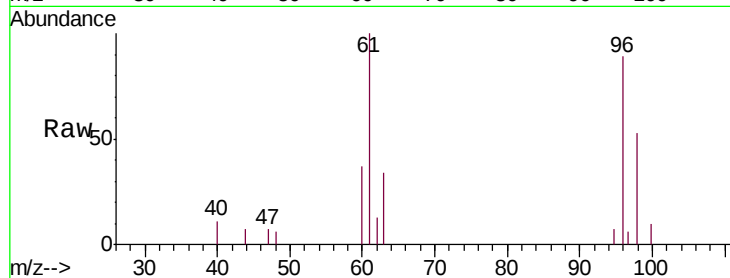
Tgt Ion: 96 Resp: 3303

Ion Ratio Lower Upper

96 100

61 105.8 89.3 165.9

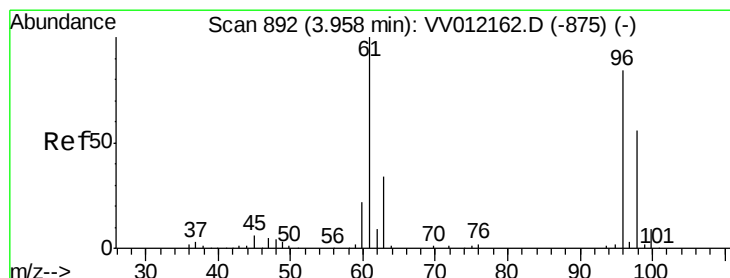
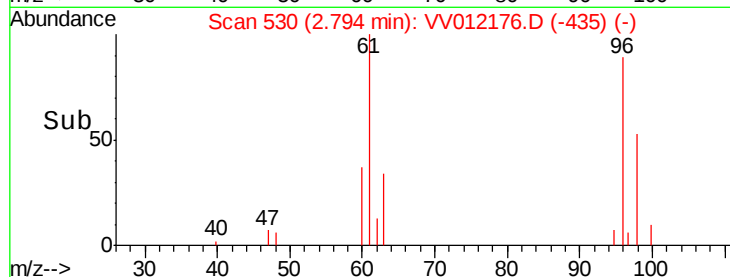
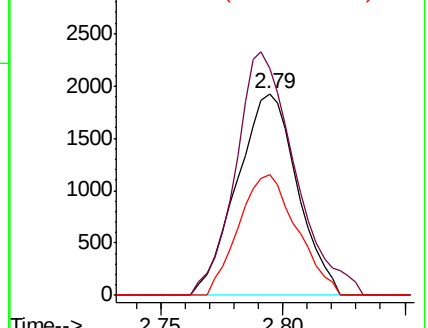
98 56.4 44.7 83.1



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 41.175 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.00 min

Lab File: VV012176.D

Acq: 10 Aug 2019 02:29

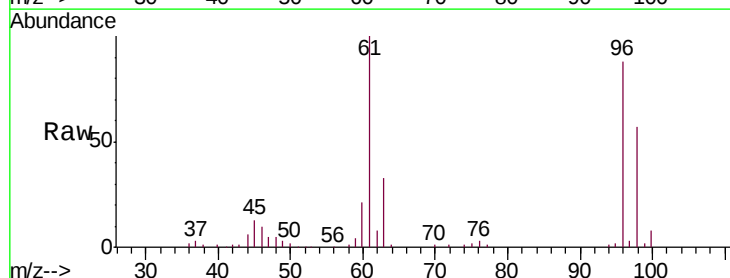
Tgt Ion: 96 Resp: 70138

Ion Ratio Lower Upper

96 100

61 113.8 82.9 153.9

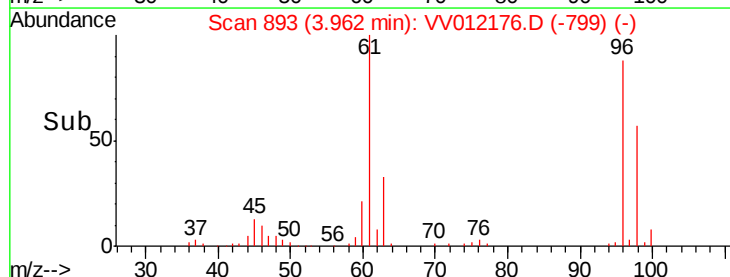
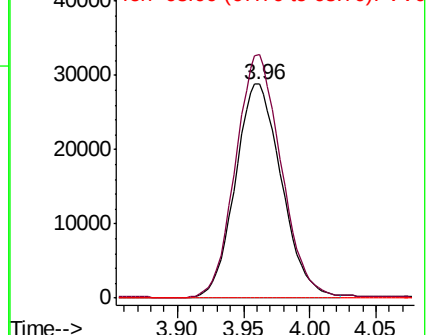
68 0.0 0.0 0.0

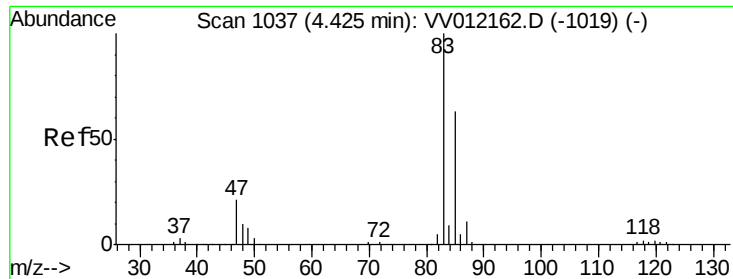


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0

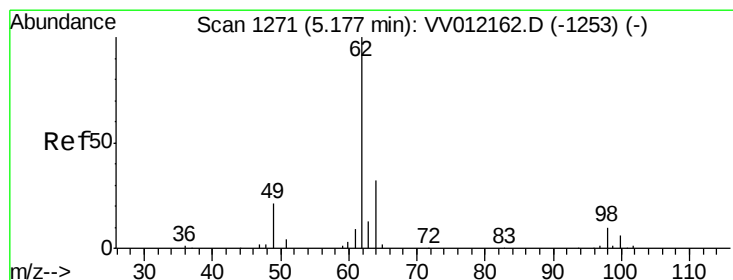
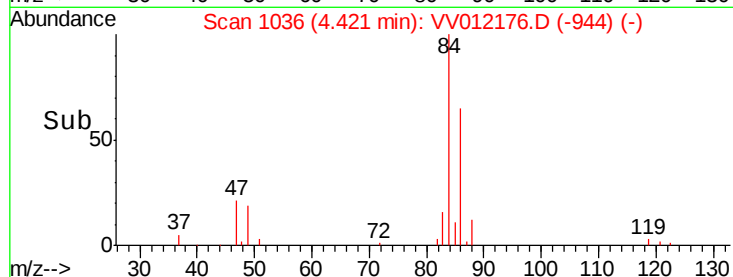
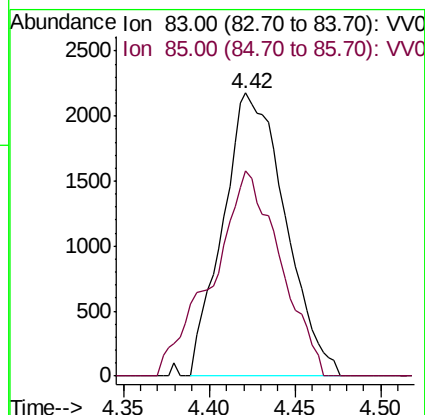
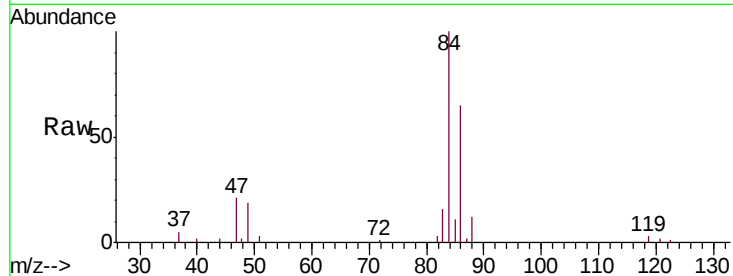




#25
Chloroform
Concen: 1.864 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV012176.D
Acq: 10 Aug 2019 02:29

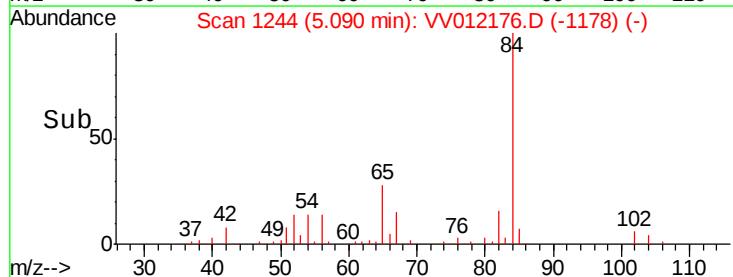
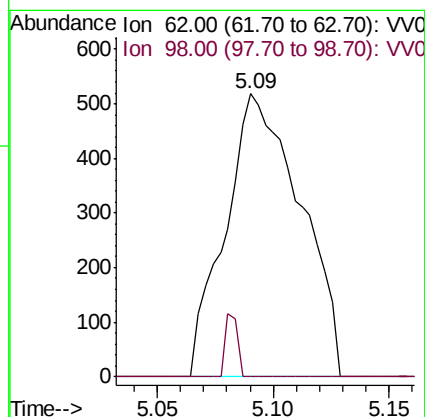
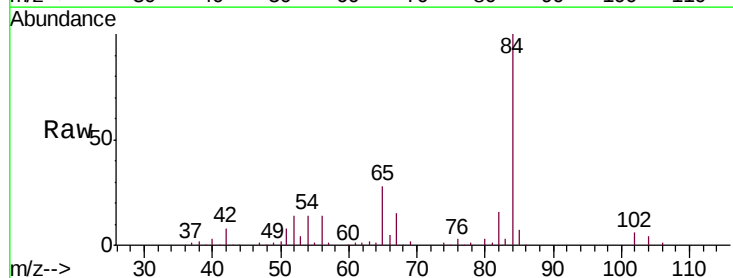
Instrument :
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ClientSampleId :
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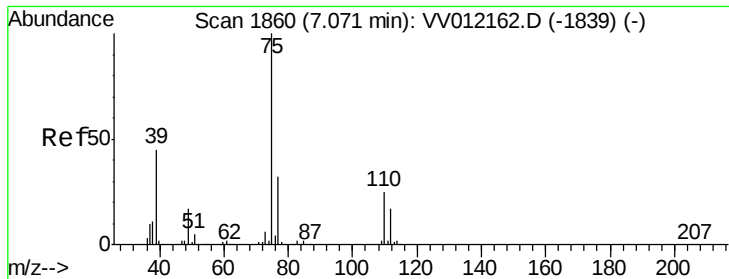
Tgt Ion: 83 Resp: 5520
Ion Ratio Lower Upper
83 100
85 72.5 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.501 ug/L
RT: 5.09 min Scan# 1244
Delta R.T. -0.09 min
Lab File: VV012176.D
Acq: 10 Aug 2019 02:29

Tgt Ion: 62 Resp: 1167
Ion Ratio Lower Upper
62 100
98 0.0 8.1 12.1#





#39

cis-1,3-Dichloropropene

Concen: 0.587 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV012176.D

Acq: 10 Aug 2019 02:29

Instrument :

MSVOA_V

ClientSampled :

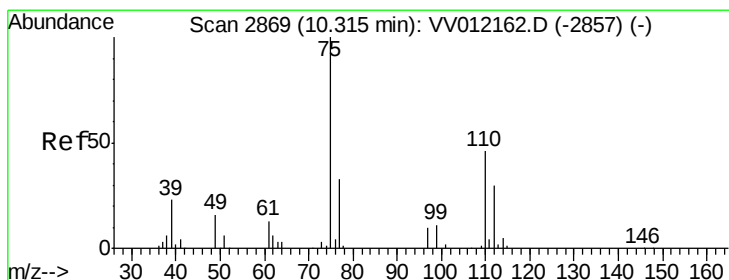
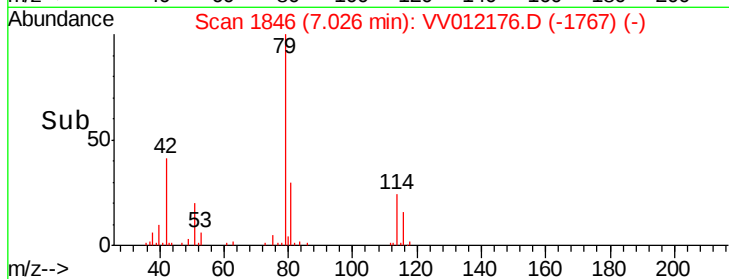
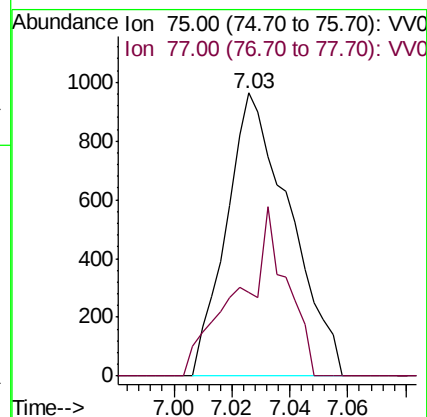
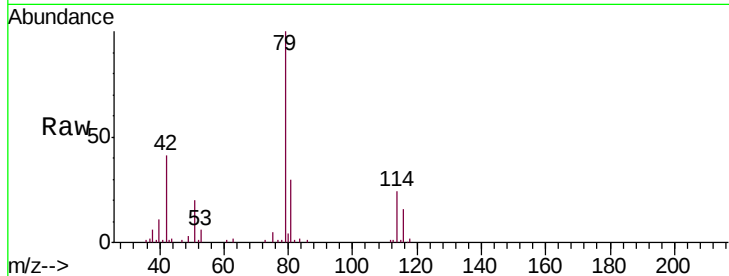
F2B52

Tgt Ion: 75 Resp: 1465

Ion Ratio Lower Upper

75 100

77 29.5 21.7 40.3



#59

1,2,3-Trichloropropane

Concen: 4.778 ug/L

RT: 11.29 min Scan# 3172

Delta R.T. 0.97 min

Lab File: VV012176.D

Acq: 10 Aug 2019 02:29

Tgt Ion: 75 Resp: 9332

Ion Ratio Lower Upper

75 100

77 40.3 26.3 39.5#

