

Data File : VV012179.D
Acq On : 10 Aug 2019 03:43
Operator : SY/MD
Sample : K4248-17
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2B58

Quant Time: Aug 10 05:12:50 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	253515	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	242507	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	107286	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42833	45.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.84%
7) Chloroethane-d5	1.58	69	29449	49.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.04%
11) 1,1-Dichloroethene-d2	2.13	63	63119	35.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.60%
21) 2-Butanone-d5	3.93	46	26853	58.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	58.23%
24) Chloroform-d	4.40	84	83677	43.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.38%
26) 1,2-Dichloroethane-d4	5.08	65	60193	54.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.34%
32) Benzene-d6	5.10	84	191148	50.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.68%
36) 1,2-Dichloropropane-d6	6.12	67	50365	49.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.48%
41) Toluene-d8	7.36	98	172344	48.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.24%
43) trans-1,3-Dichloropropene-	7.66	79	25049	45.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.38%
47) 2-Hexanone-d5	8.13	63	37540	95.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.94%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	67990	48.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.98%
64) 1,2-Dichlorobenzene-d4	11.67	152	66478	52.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.86%

Target Compounds

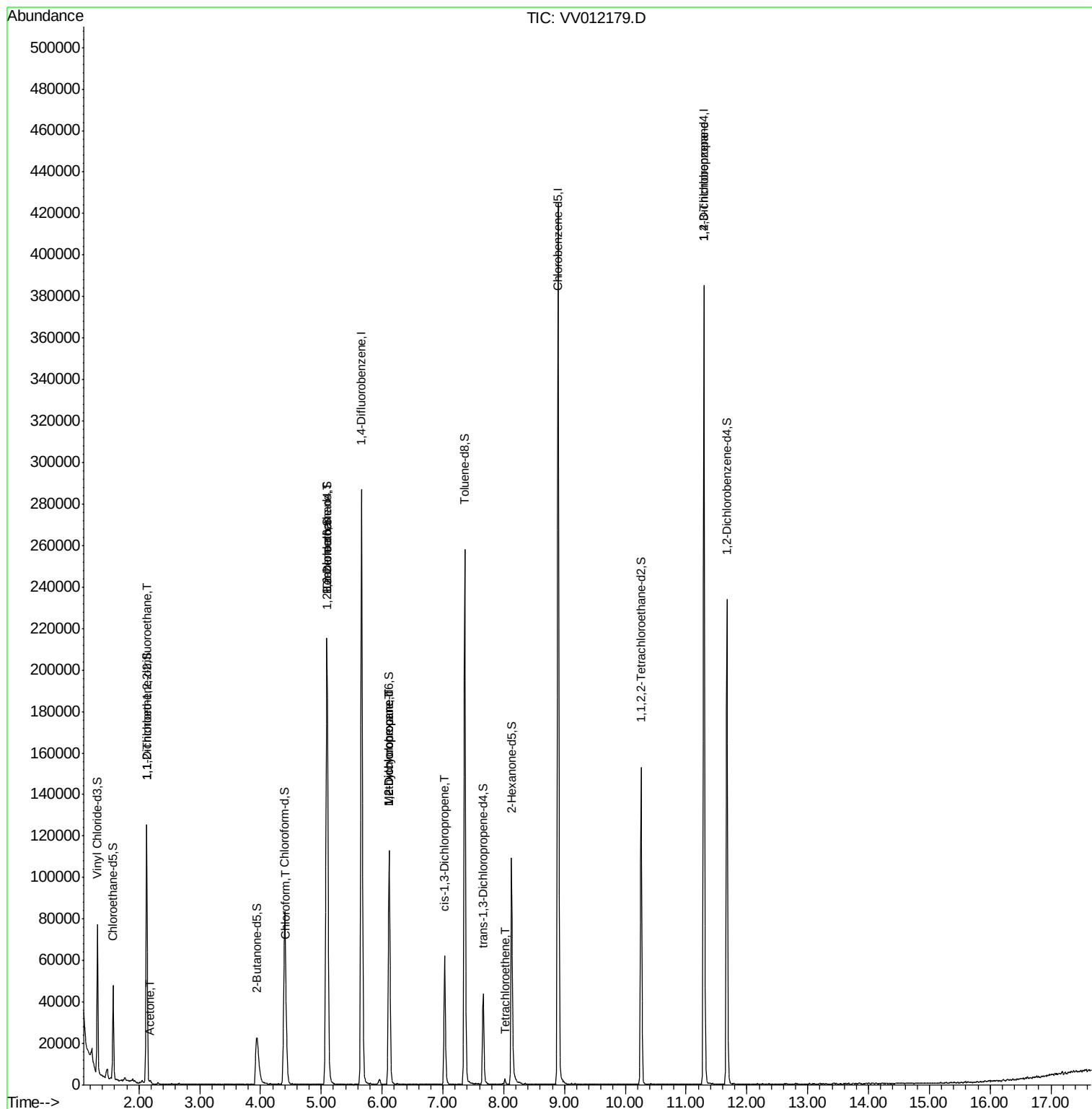
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	662	0.592	ug/L #	14
13) Acetone	2.18	43	532	0.794	ug/L #	43
25) Chloroform	4.43	83	11181	3.773	ug/L	89
27) 1,2-Dichloroethane	5.09	62	1256	0.539	ug/L #	73
35) Methylcyclohexane	6.12	83	13868	5.323	ug/L #	21
37) 1,2-Dichloropropane	6.12	63	5756	3.904	ug/L #	84
39) cis-1,3-Dichloropropene	7.04	75	1470	0.578	ug/L #	65
46) Tetrachloroethene	8.02	164	678	0.424	ug/L #	89
59) 1,2,3-Trichloropropane	11.29	75	8889	4.468	ug/L #	88

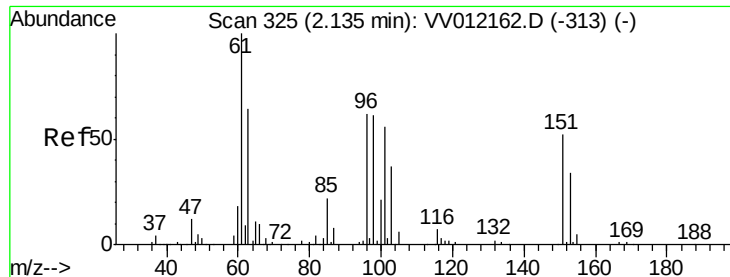
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV012179.D
Acq On : 10 Aug 2019 03:43
Operator : SY/MD
Sample : K4248-17
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2B58

Quant Time: Aug 10 05:12:50 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





#10

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

Concen: 0.592 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012179.D

Acq: 10 Aug 2019 03:43

Instrument :

MSVOA_V

ClientSampled :

F2B58

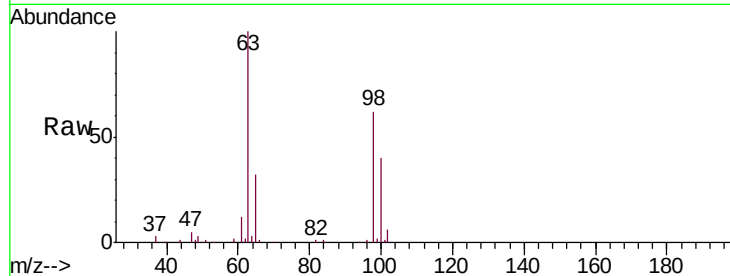
Tgt Ion: 101 Resp: 662

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): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

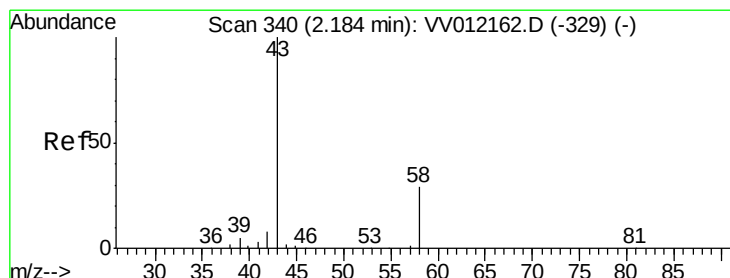
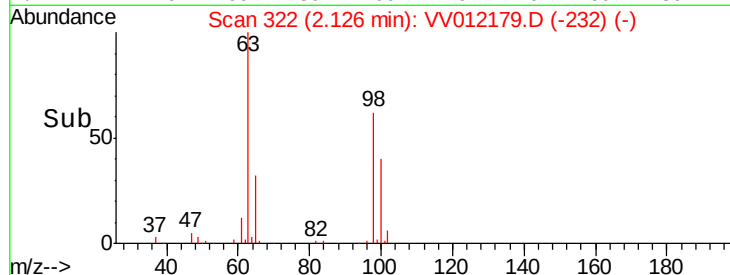
2.13

400

200

0

Time-->



#13

Acetone

Concen: 0.794 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.00 min

Lab File: VV012179.D

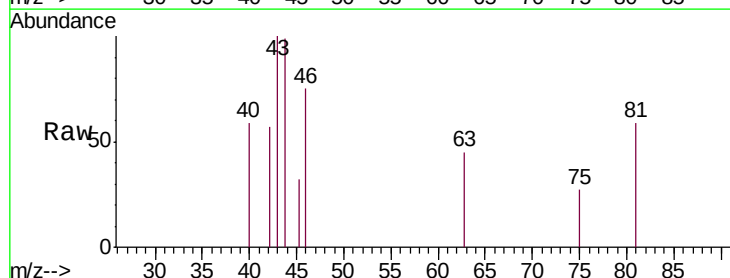
Acq: 10 Aug 2019 03:43

Tgt Ion: 43 Resp: 532

Ion Ratio Lower Upper

43 100

58 0.0 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.18

400

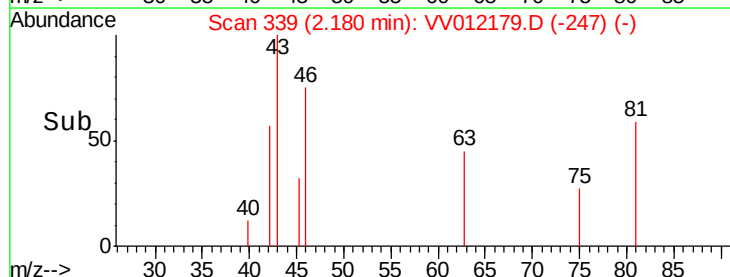
300

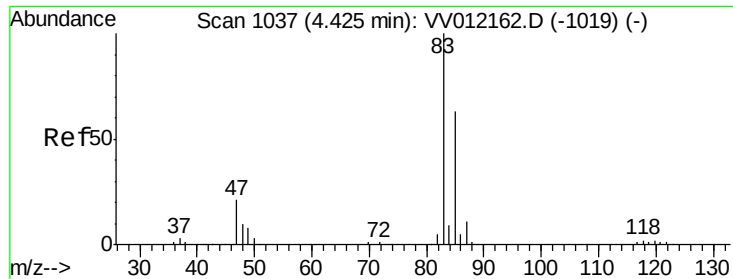
200

100

0

Time-->

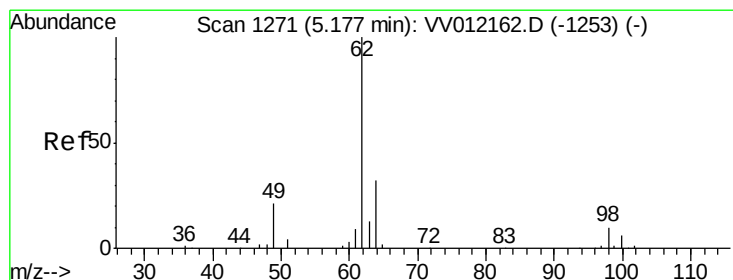
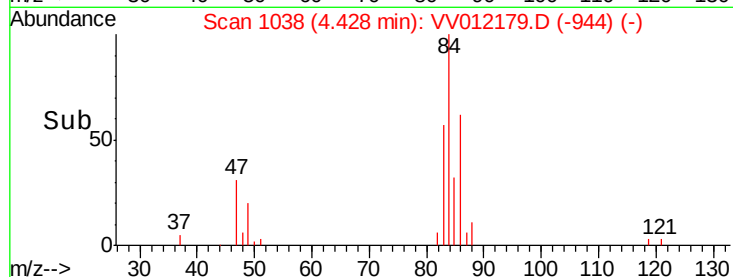
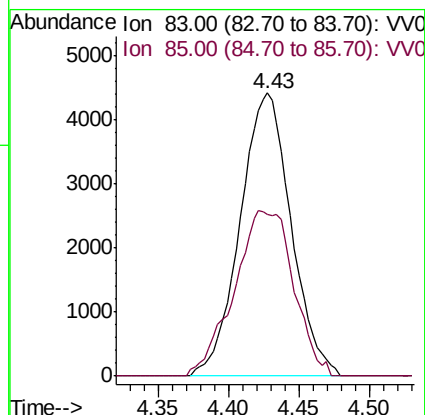
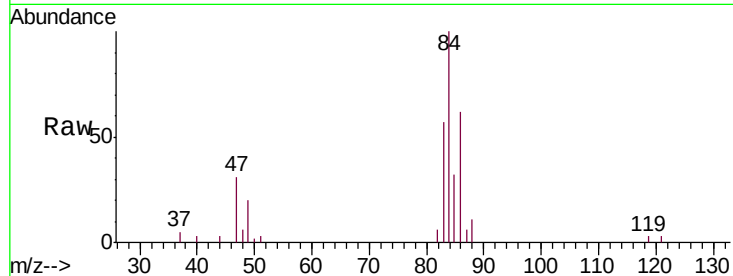




#25
Chloroform
Concen: 3.773 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012179.D
Acq: 10 Aug 2019 03:43

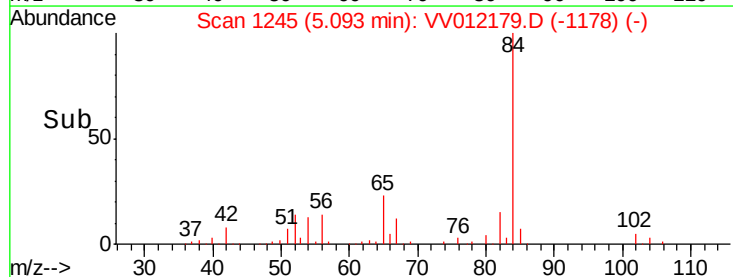
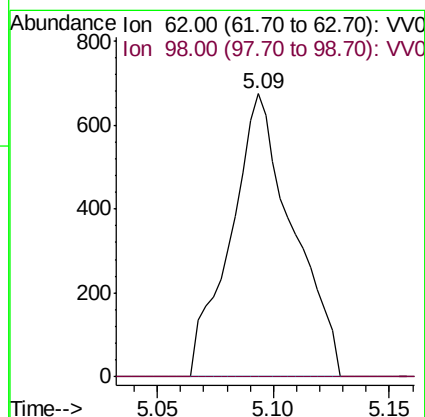
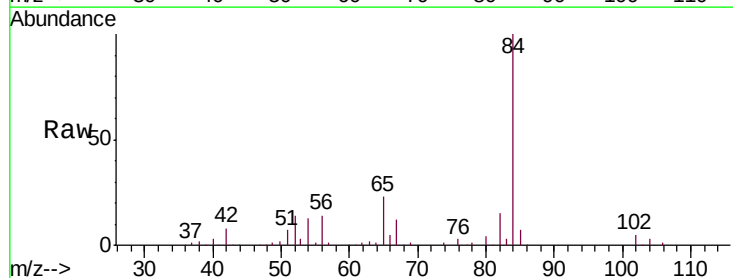
Instrument :
MSVOA_V
ClientSampleId :
F2B58

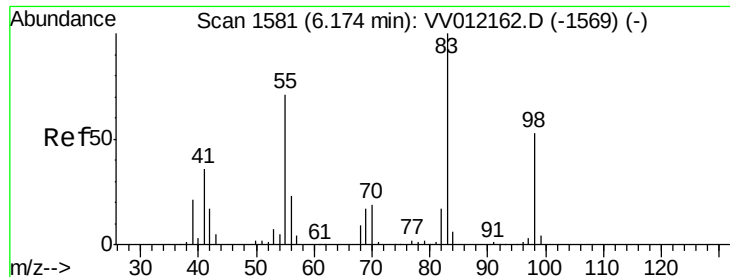
Tgt Ion: 83 Resp: 11181
Ion Ratio Lower Upper
83 100
85 57.0 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.539 ug/L
RT: 5.09 min Scan# 1245
Delta R.T. -0.08 min
Lab File: VV012179.D
Acq: 10 Aug 2019 03:43

Tgt Ion: 62 Resp: 1256
Ion Ratio Lower Upper
62 100
98 0.0 8.1 12.1#

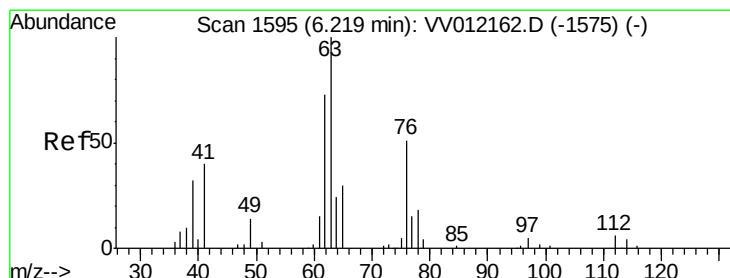
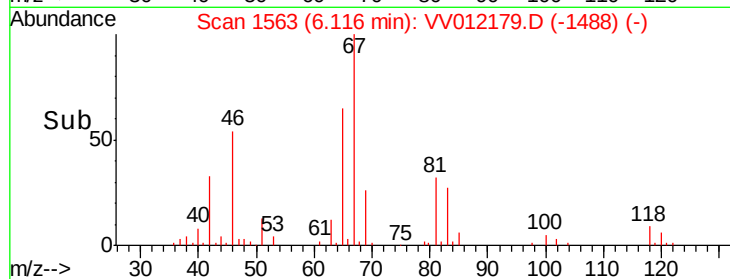
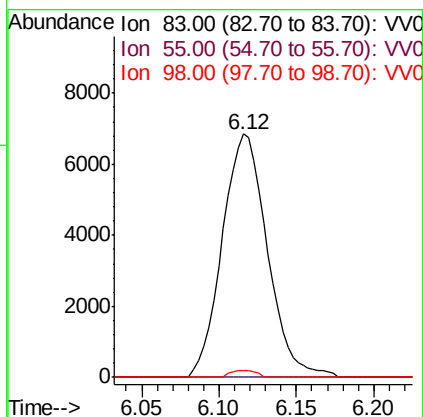
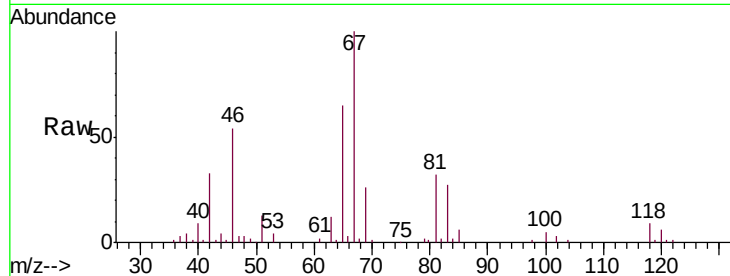




#35
Methylcyclohexane
Concen: 5.323 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012179.D
Acq: 10 Aug 2019 03:43

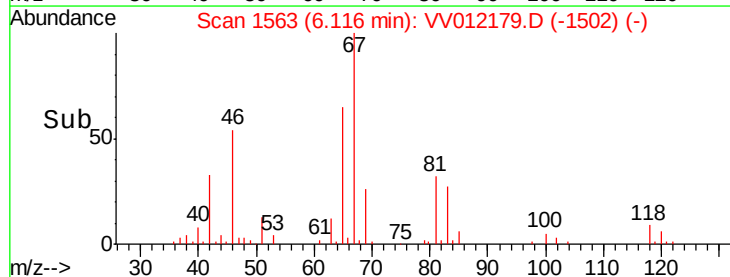
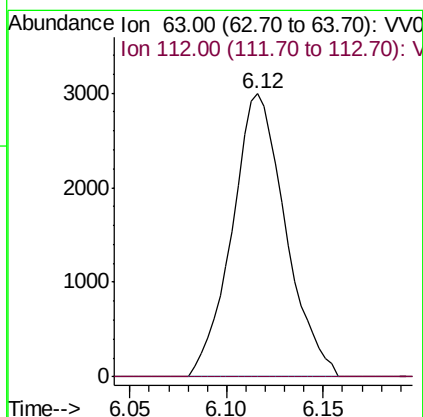
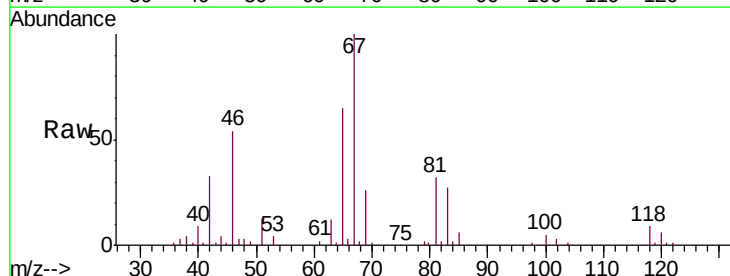
Instrument :
MSVOA_V
ClientSampleId :
F2B58

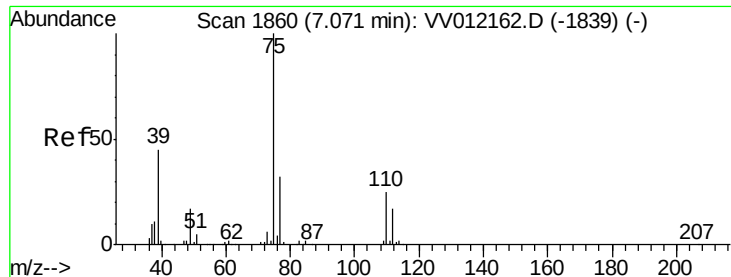
Tgt Ion: 83 Resp: 13868
Ion Ratio Lower Upper
83 100
55 0.0 54.9 82.3#
98 1.5 40.7 61.1#



#37
1,2-Dichloropropane
Concen: 3.904 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012179.D
Acq: 10 Aug 2019 03:43

Tgt Ion: 63 Resp: 5756
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#





#39

cis-1,3-Dichloropropene

Concen: 0.578 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV012179.D

Acq: 10 Aug 2019 03:43

Instrument :

MSVOA_V

ClientSampleId :

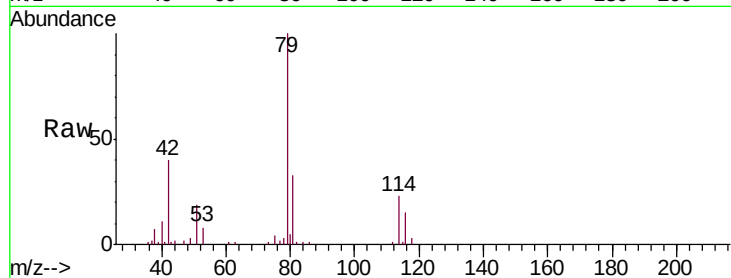
F2B58

Tgt Ion: 75 Resp: 1470

Ion Ratio Lower Upper

75 100

77 50.4 21.7 40.3#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

7.04

800

600

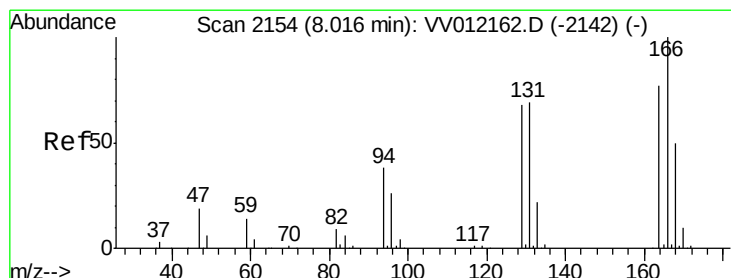
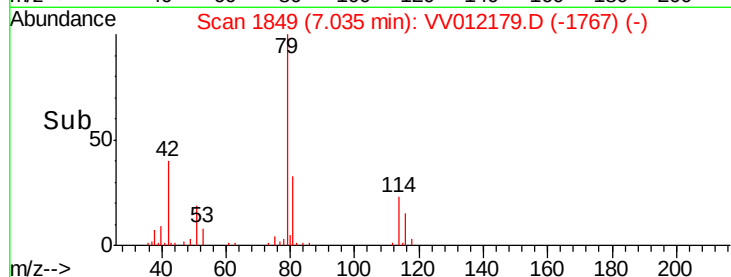
400

200

0

7.00 7.05

Time-->



#46

Tetrachloroethene

Concen: 0.424 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.01 min

Lab File: VV012179.D

Acq: 10 Aug 2019 03:43

Tgt Ion: 164 Resp: 678

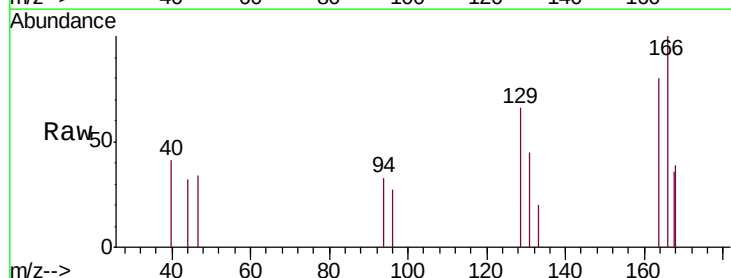
Ion Ratio Lower Upper

164 100

129 82.0 60.6 112.6

131 56.1 59.5 110.5#

166 124.5 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

800

600

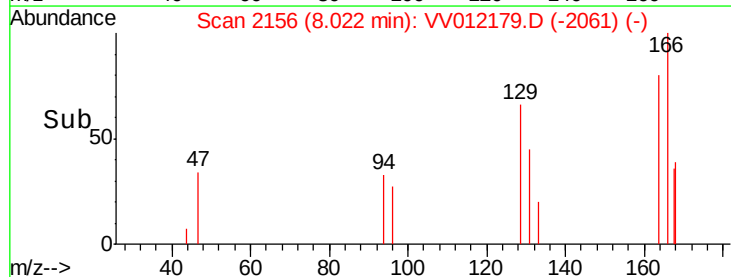
400

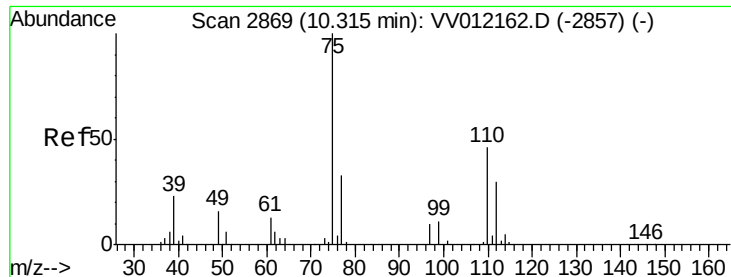
200

0

7.98 8.00 8.02 8.04

Time-->





#59
 1,2,3-Trichloropropane
 Concen: 4.468 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.98 min
 Lab File: VV012179.D
 Acq: 10 Aug 2019 03:43

Instrument :
 MSVOA_V
 ClientSampleId :
 F2B58

Tgt Ion: 75 Resp: 8889
 Ion Ratio Lower Upper
 75 100
 77 39.5 26.3 39.5#

