

Data File : VV012181.D
Acq On : 10 Aug 2019 04:32
Operator : SY/MD
Sample : K4248-19
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2B60

Quant Time: Aug 10 09:07:20 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	262994	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	243460	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	108659	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43020	44.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.92%
7) Chloroethane-d5	1.58	69	28250	45.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.58%
11) 1,1-Dichloroethene-d2	2.13	63	62226	34.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.04%
21) 2-Butanone-d5	3.94	46	14453	30.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	30.21%#
24) Chloroform-d	4.40	84	85614	42.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.18%
26) 1,2-Dichloroethane-d4	5.08	65	57775	50.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.24%
32) Benzene-d6	5.10	84	188706	49.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.98%
36) 1,2-Dichloropropane-d6	6.12	67	48658	47.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.78%
41) Toluene-d8	7.36	98	168641	46.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	7.66	79	25271	45.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.84%
47) 2-Hexanone-d5	8.13	63	32272	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	64996	46.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.34%
64) 1,2-Dichlorobenzene-d4	11.67	152	65326	50.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.74%

Target Compounds

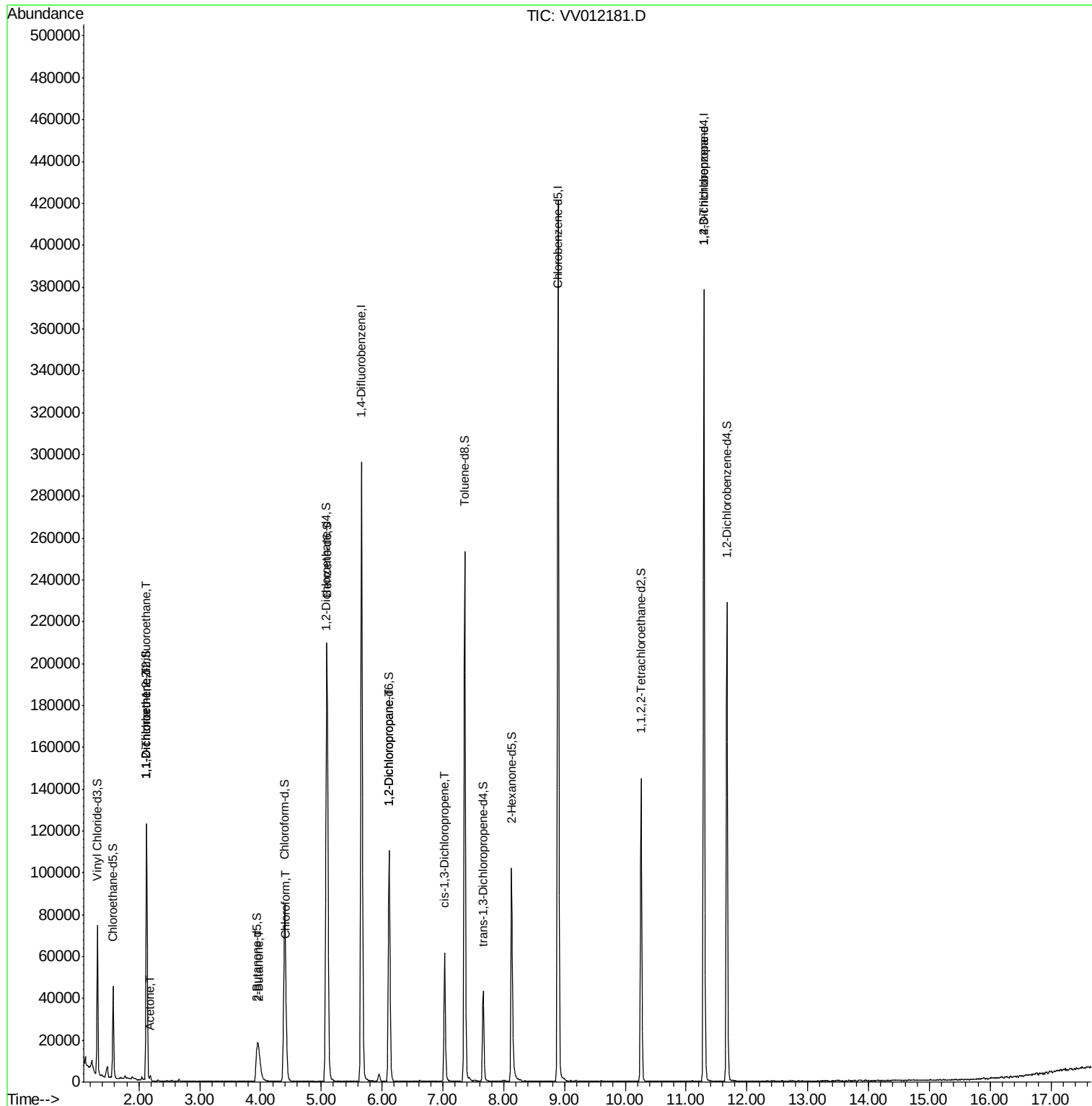
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	712	0.614	ug/L #	14
12) 1,1-Dichloroethene	2.13	96	634	0.594	ug/L #	1
13) Acetone	2.19	43	991	1.427	ug/L	67
22) 2-Butanone	3.98	43	2655	2.566	ug/L #	50
25) Chloroform	4.43	83	7748	2.520	ug/L	90
37) 1,2-Dichloropropane	6.11	63	6102	4.122	ug/L #	84
39) cis-1,3-Dichloropropene	7.03	75	1657	0.649	ug/L #	83
59) 1,2,3-Trichloropropane	11.29	75	9076	4.544	ug/L #	81

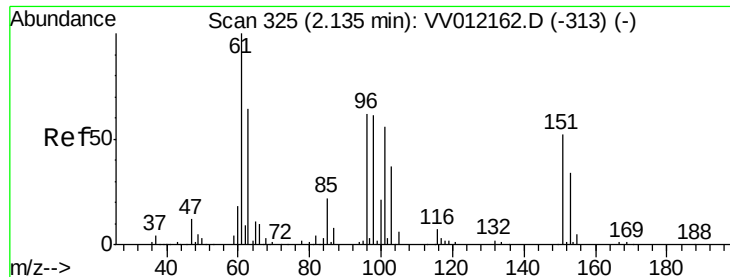
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.614 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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Acq: 10 Aug 2019 04:32

Instrument :

MSVOA_V

ClientSampleId :

F2B60

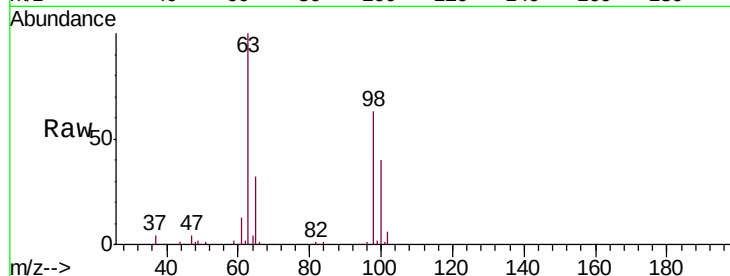
Tgt Ion: 101 Resp: 712

Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

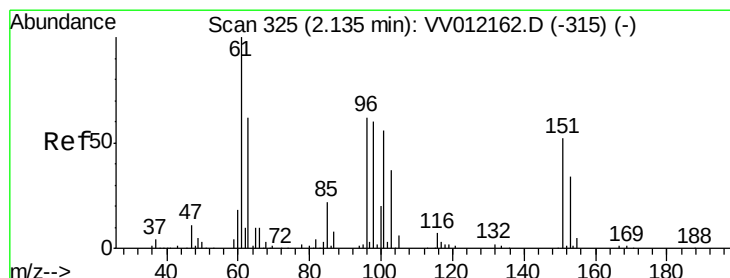
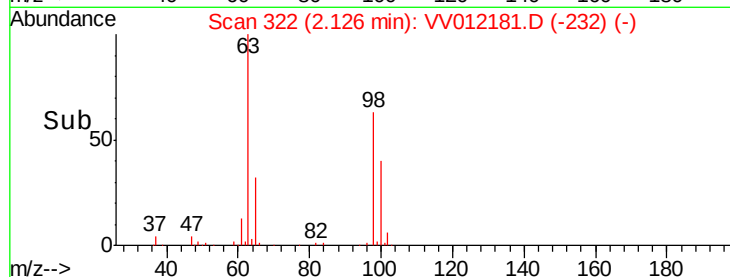
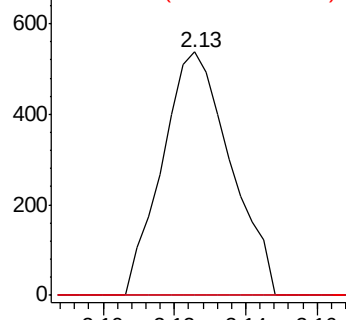
151 0.0 71.8 107.8#



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



#12

1,1-Dichloroethene

Concen: 0.594 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV012181.D

Acq: 10 Aug 2019 04:32

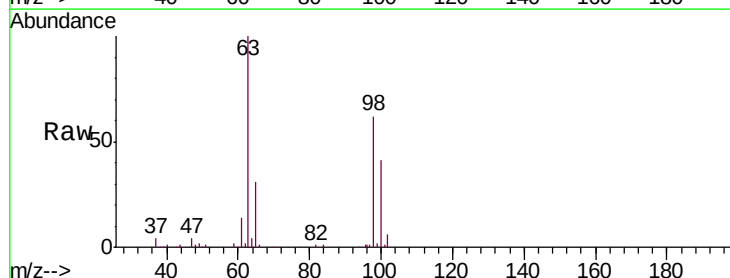
Tgt Ion: 96 Resp: 634

Ion Ratio Lower Upper

96 100

61 698.8 115.1 213.8#

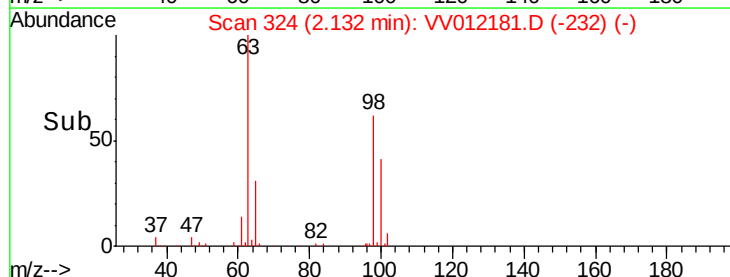
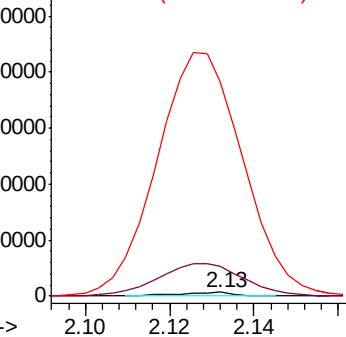
63 5108.4 83.9 155.7#

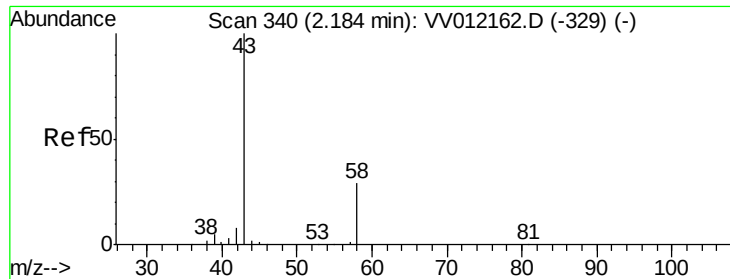


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 1.427 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

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MSVOA_V

ClientSampleId :

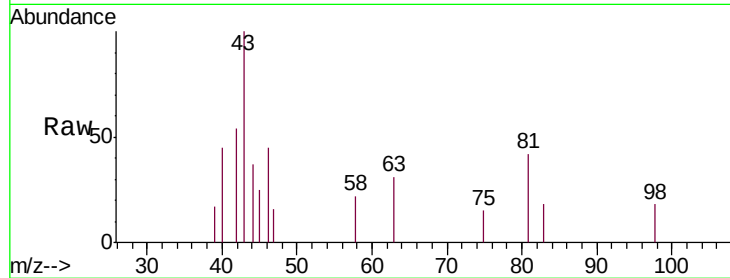
F2B60

Tgt Ion: 43 Resp: 991

Ion Ratio Lower Upper

43 100

58 13.2 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.19

600

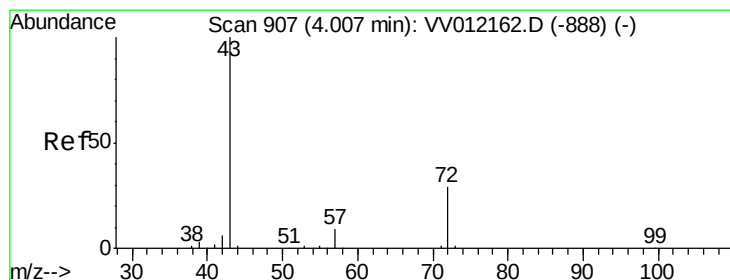
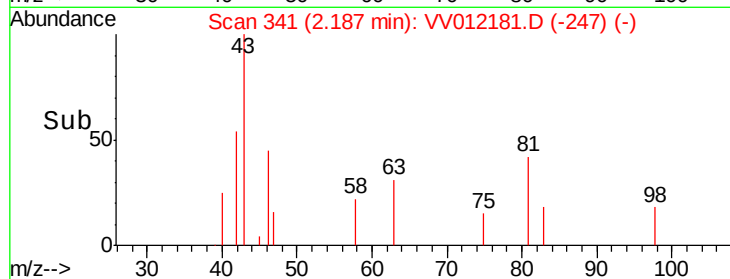
400

200

0

2.16 2.18 2.20 2.22

Time-->



#22

2-Butanone

Concen: 2.566 ug/L

RT: 3.98 min Scan# 899

Delta R.T. -0.03 min

Lab File: VV012181.D

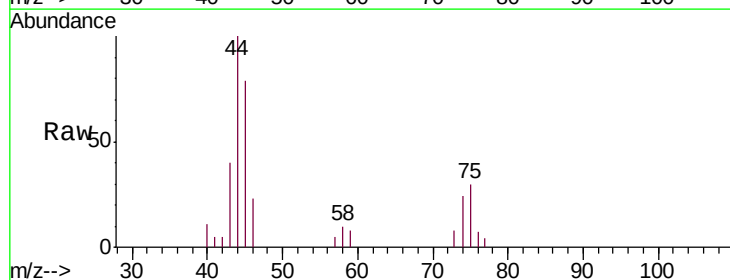
Acq: 10 Aug 2019 04:32

Tgt Ion: 43 Resp: 2655

Ion Ratio Lower Upper

43 100

72 1.6 14.0 42.0#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 72.00 (71.70 to 72.70): VV0

3.98

1500

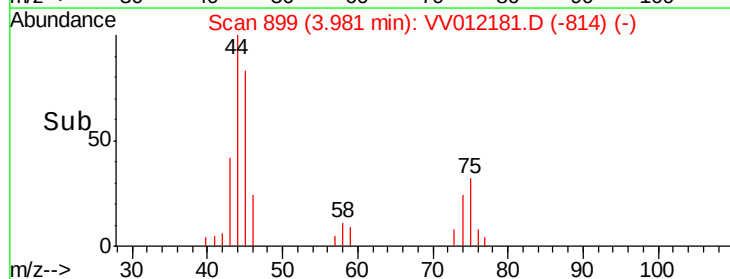
1000

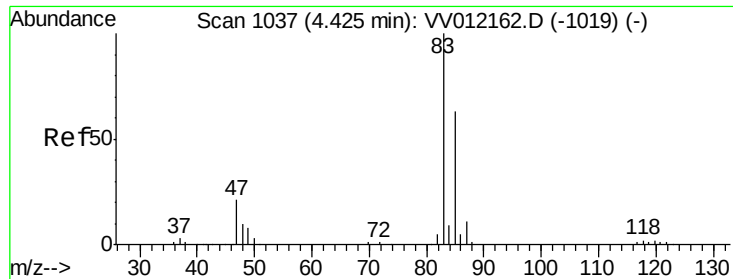
500

0

3.95 4.00

Time-->

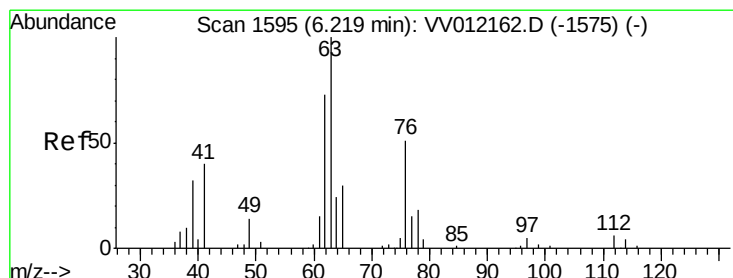
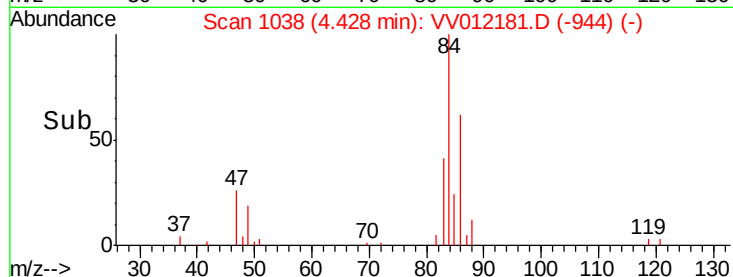
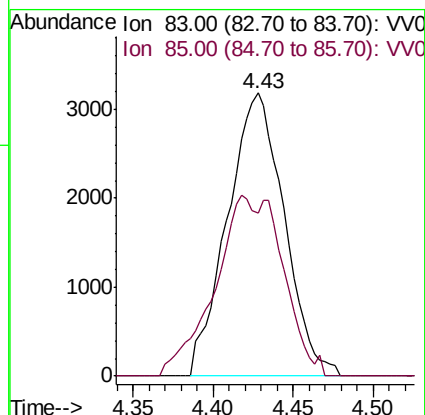
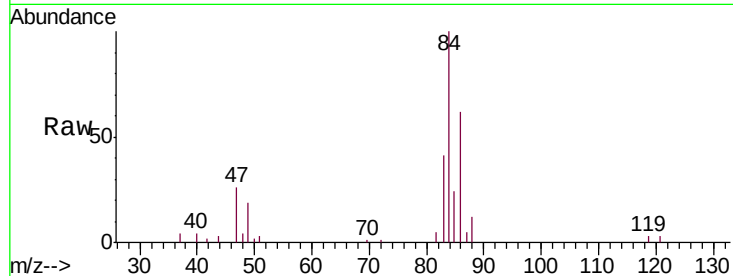




#25
Chloroform
Concen: 2.520 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012181.D
Acq: 10 Aug 2019 04:32

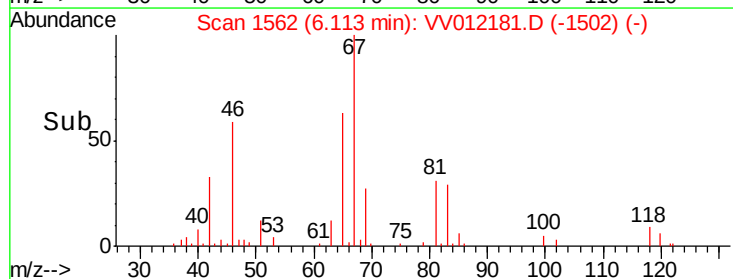
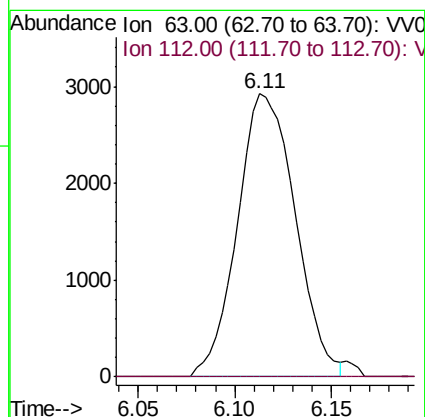
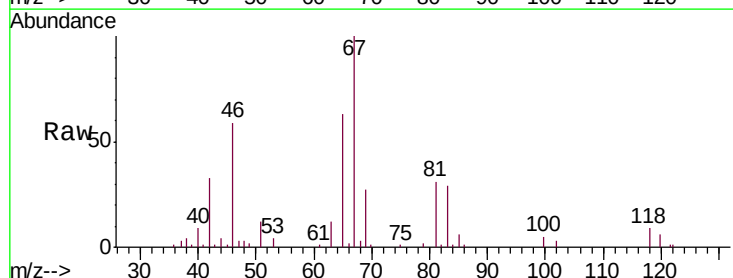
Instrument :
MSVOA_V
ClientSampled :
F2B60

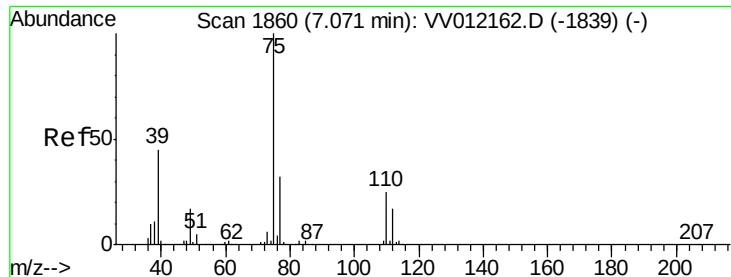
Tgt Ion: 83 Resp: 7748
Ion Ratio Lower Upper
83 100
85 57.4 45.7 84.9



#37
1,2-Dichloropropane
Concen: 4.122 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV012181.D
Acq: 10 Aug 2019 04:32

Tgt Ion: 63 Resp: 6102
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#





#39

cis-1,3-Dichloropropene

Concen: 0.649 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV012181.D

Acq: 10 Aug 2019 04:32

Instrument :

MSVOA_V

ClientSampled :

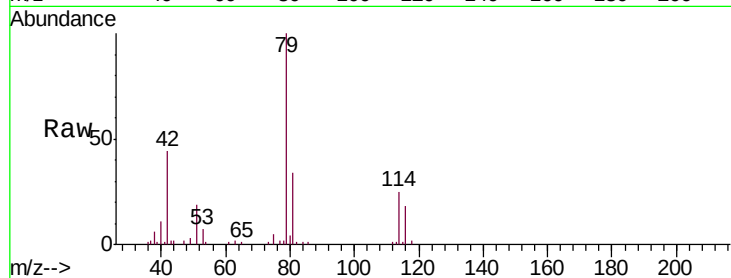
F2B60

Tgt Ion: 75 Resp: 1657

Ion Ratio Lower Upper

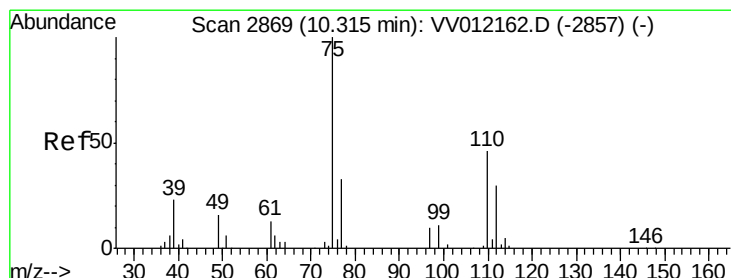
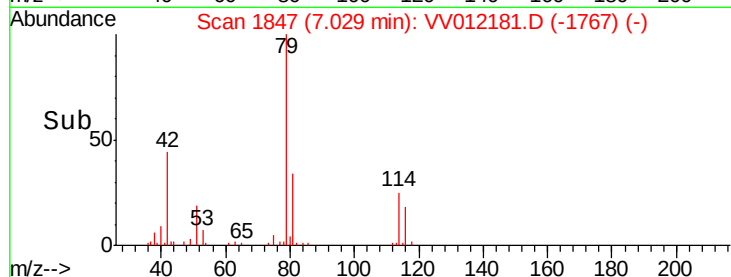
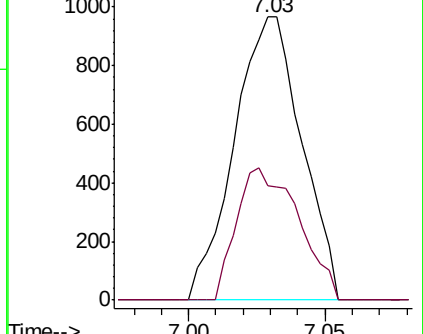
75 100

77 40.4 21.7 40.3#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#59

1,2,3-Trichloropropane

Concen: 4.544 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.98 min

Lab File: VV012181.D

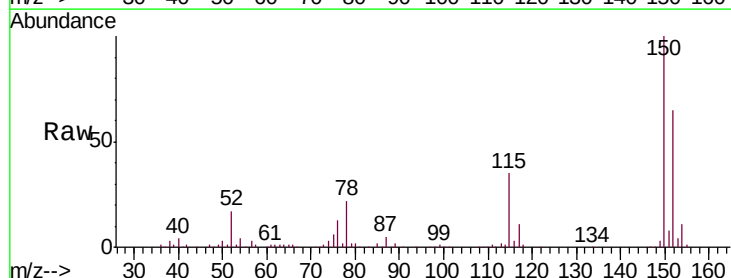
Acq: 10 Aug 2019 04:32

Tgt Ion: 75 Resp: 9076

Ion Ratio Lower Upper

75 100

77 43.4 26.3 39.5#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

