

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081720\
 Data File : VV018025.D
 Acq On : 17 Aug 2020 14:48
 Operator : SY/MD
 Sample : L3665-21 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4M10

Quant Time: Aug 18 01:27:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 18 01:23:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	248382	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	244681	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	117464	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	90557	47.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.56%
7) Chloroethane-d5	1.58	69	77217	49.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.12	63	136193	37.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.14%
21) 2-Butanone-d5	3.90	46	114000	91.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.84%
24) Chloroform-d	4.38	84	163285	47.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.66%
26) 1,2-Dichloroethane-d4	5.06	65	113192	50.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.04%
32) Benzene-d6	5.08	84	328351	48.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.38%
36) 1,2-Dichloropropane-d6	6.09	67	107326	48.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.36%
41) Toluene-d8	7.34	98	291111	48.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	7.64	79	47076	47.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.16%
47) 2-Hexanone-d5	8.11	63	54705	77.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.33%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	127402	44.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.76%
64) 1,2-Dichlorobenzene-d4	11.65	152	119828	51.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.66%

Target Compounds

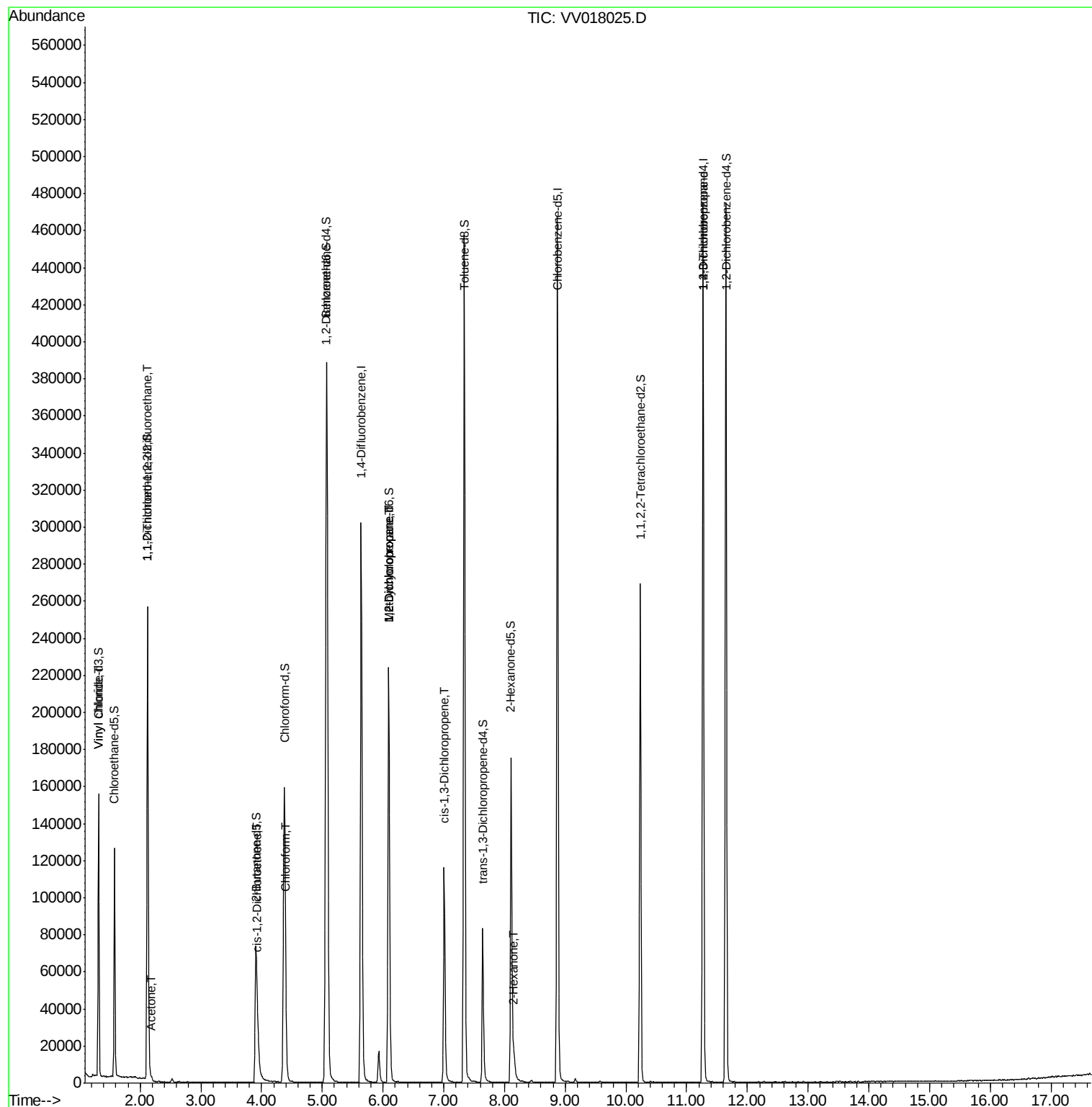
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	2297	1.041	ug/L #	4
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1164	0.661	ug/L #	20
13) Acetone	2.19	43	1498	1.168	ug/L	83
20) cis-1,2-Dichloroethene	3.94	96	1423	0.756	ug/L	94
25) Chloroform	4.41	83	4755	1.354	ug/L	89
35) Methylcyclohexane	6.09	83	25959	8.725	ug/L #	17
37) 1,2-Dichloropropane	6.09	63	11608	5.623	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2912	0.995	ug/L #	83
48) 2-Hexanone	8.16	43	6395	2.939	ug/L #	96
59) 1,2,3-Trichloropropane	11.27	75	14168	5.557	ug/L	89

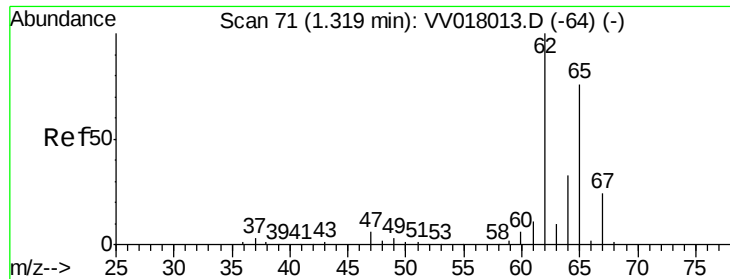
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 18 01:23:44 2020
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#5

Vinyl chloride

Concen: 1.041 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV018025.D

Acq: 17 Aug 2020 14:48

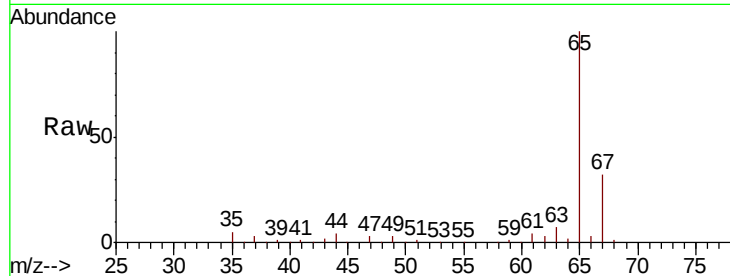
Instrument :
MSVOA_V
ClientSampleId :
F4M10

Tot Ion: 62 Resp: 2297

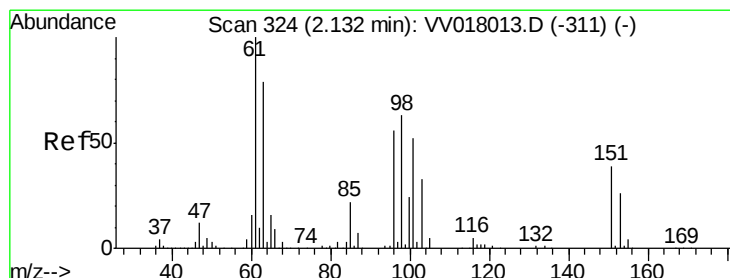
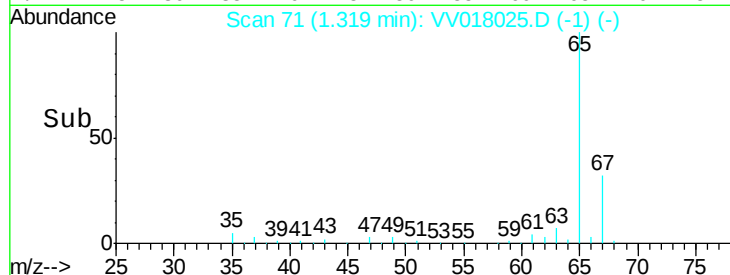
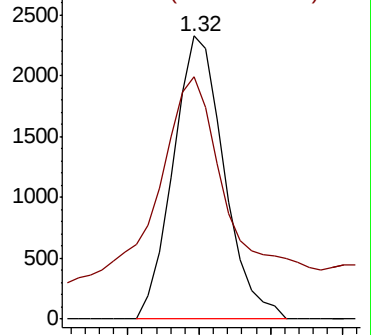
Ion Ratio Lower Upper

62 100

64 85.7 22.4 41.6#



Abundance Ion 62.00 (61.70 to 62.70): VV018013.D (-64) (-)



#10

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

Concen: 0.661 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV018025.D

Acq: 17 Aug 2020 14:48

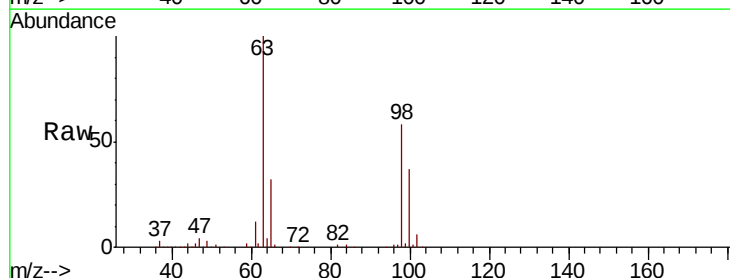
Tgt Ion: 101 Resp: 1164

Ion Ratio Lower Upper

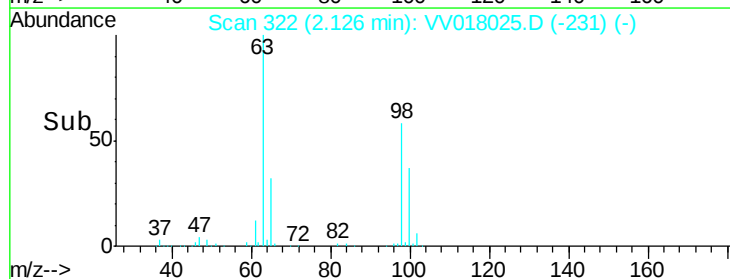
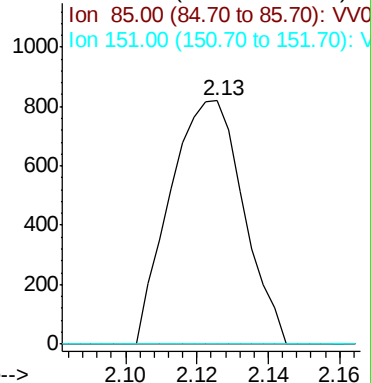
101 100

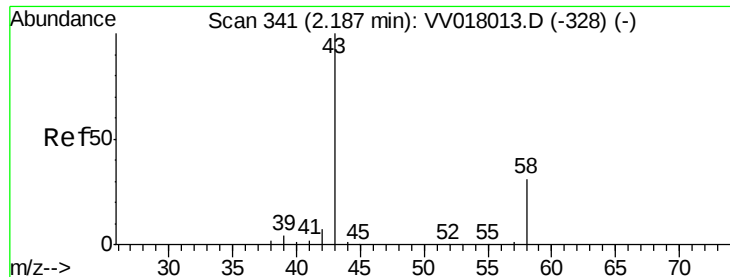
85 0.0 34.9 52.3#

151 0.0 59.1 88.7#



Abundance Ion 101.00 (100.70 to 101.70): VV018013.D (-311) (-)





#13

Acetone

Concen: 1.168 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV018025.D

Acq: 17 Aug 2020 14:48

Instrument :

MSVOA_V

ClientSampled :

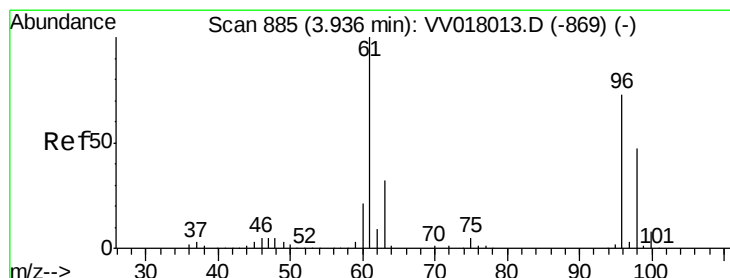
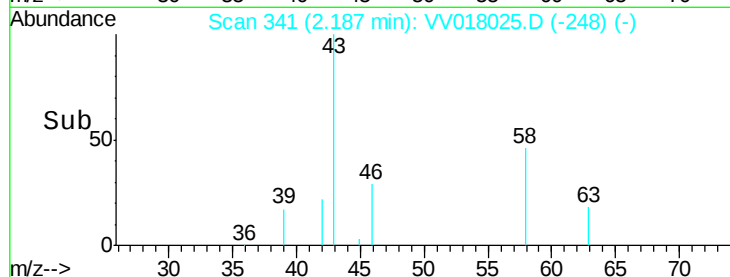
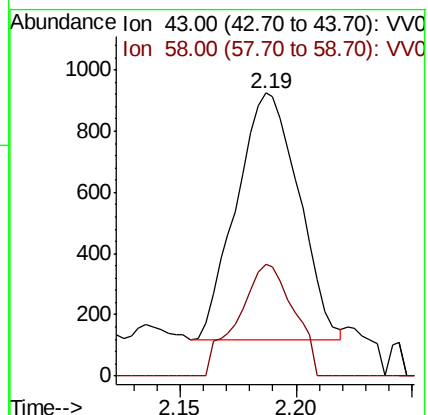
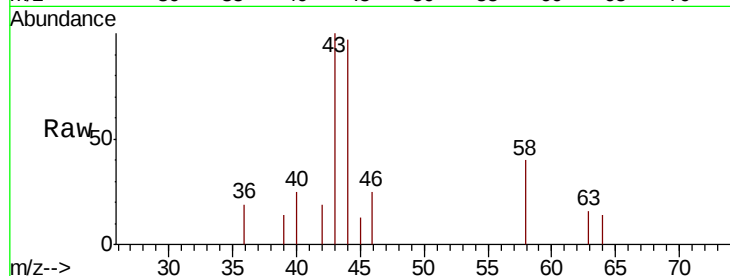
F4M10

Tot Ion: 43 Resp: 1498

Ion Ratio Lower Upper

43 100

58 41.0 0.0 63.6



#20

cis-1,2-Dichloroethene

Concen: 0.756 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV018025.D

Acq: 17 Aug 2020 14:48

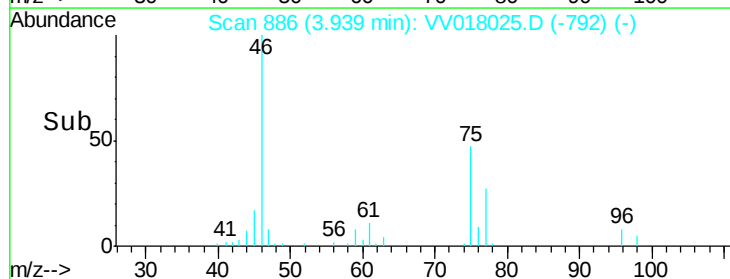
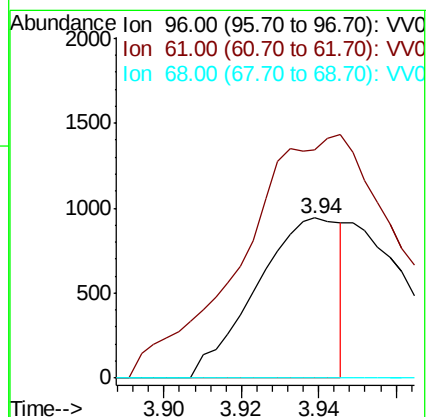
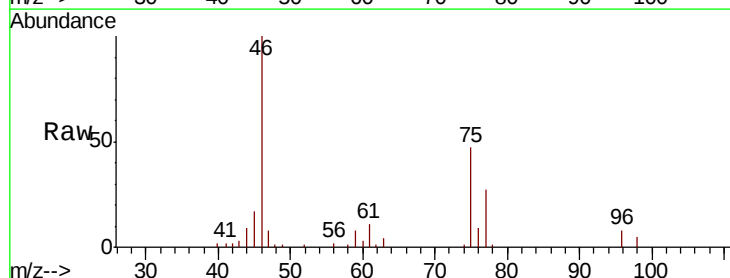
Tgt Ion: 96 Resp: 1423

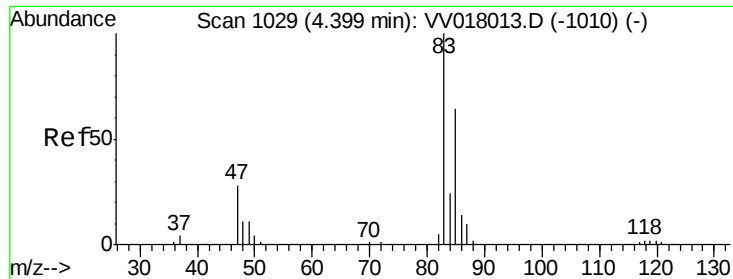
Ion Ratio Lower Upper

96 100

61 142.7 95.0 176.4

68 0.0 0.0 0.0

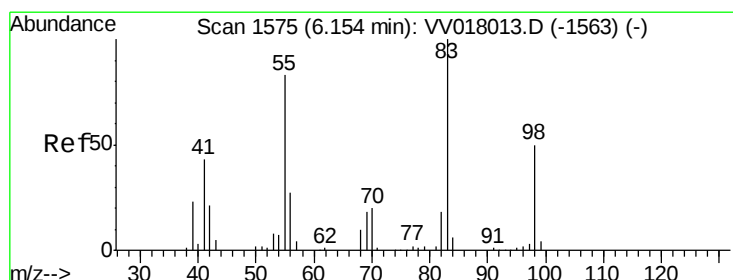
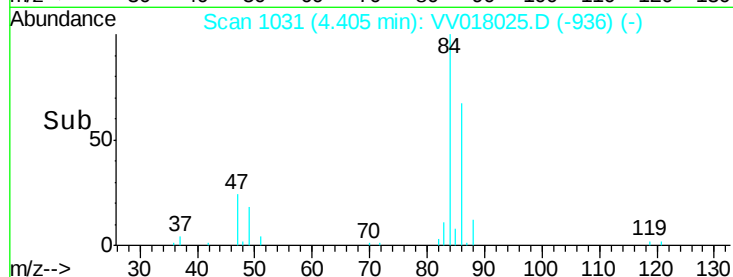
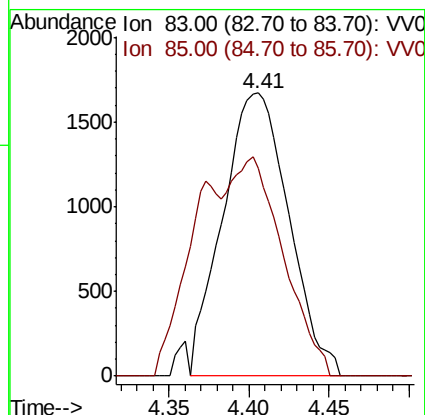
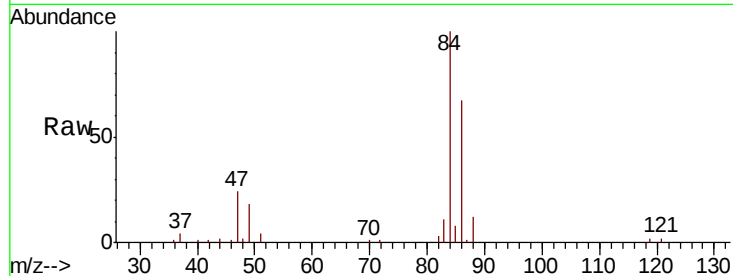




#25
Chloroform
Concen: 1.354 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV018025.D
Acq: 17 Aug 2020 14:48

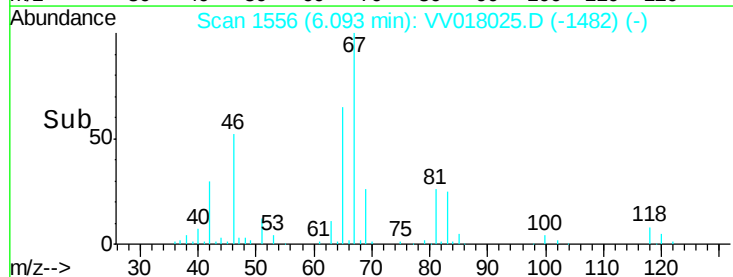
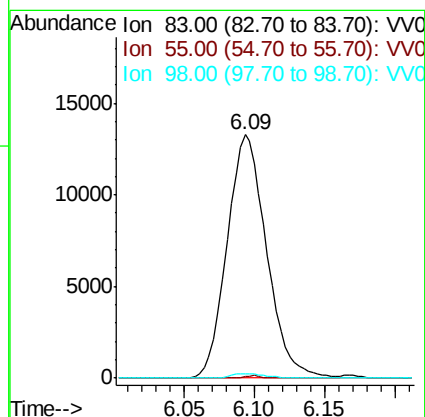
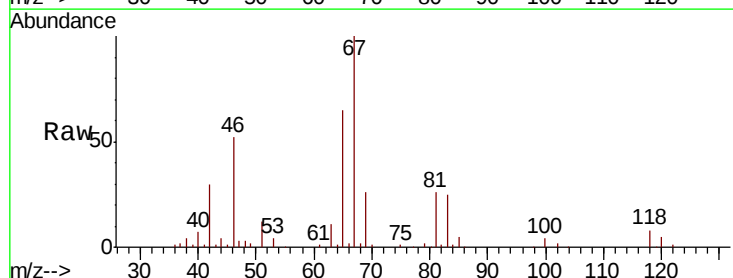
Instrument :
MSVOA_V
ClientSampleId :
F4M10

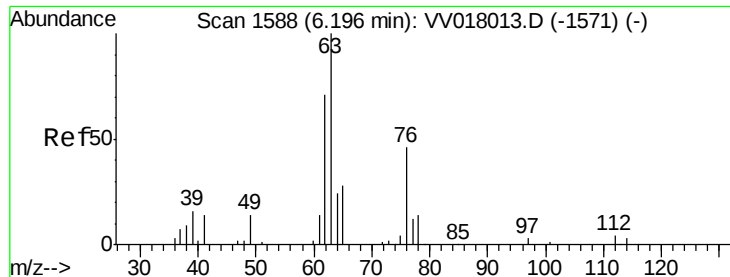
Tot Ion: 83 Resp: 4755
Ion Ratio Lower Upper
83 100
85 73.5 45.5 84.5



#35
Methylcyclohexane
Concen: 8.725 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018025.D
Acq: 17 Aug 2020 14:48

Tgt Ion: 83 Resp: 25959
Ion Ratio Lower Upper
83 100
55 0.4 64.9 97.3#
98 1.5 38.7 58.1#

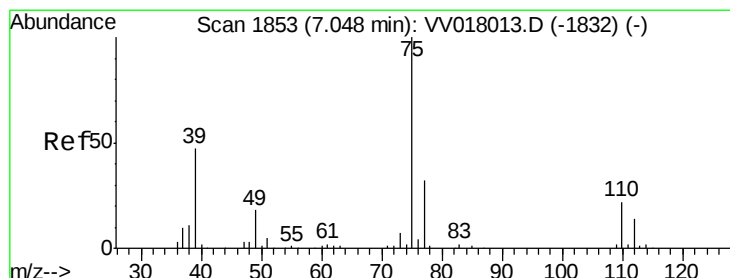
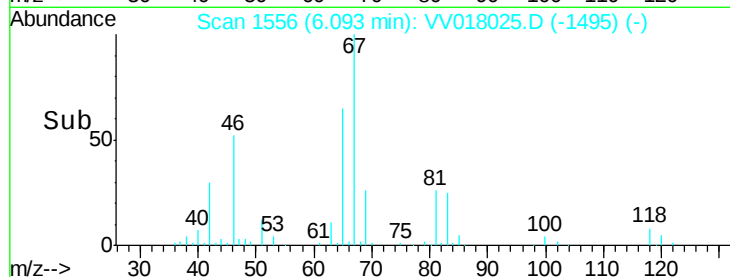
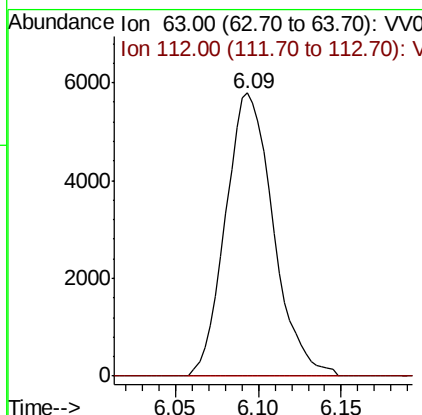
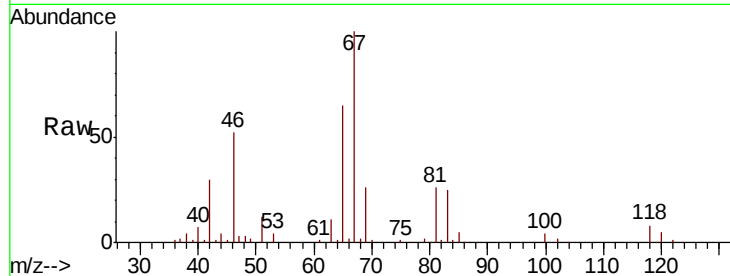




#37
 1,2-Dichloropropane
 Concen: 5.623 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018025.D
 Acq: 17 Aug 2020 14:48

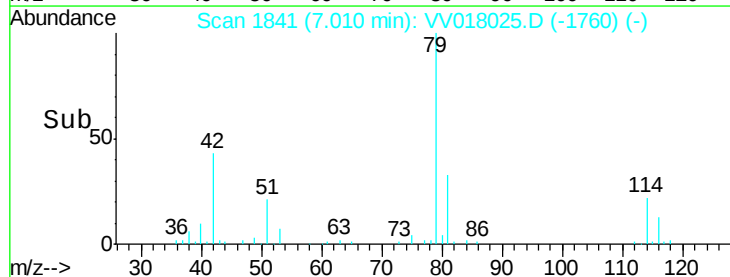
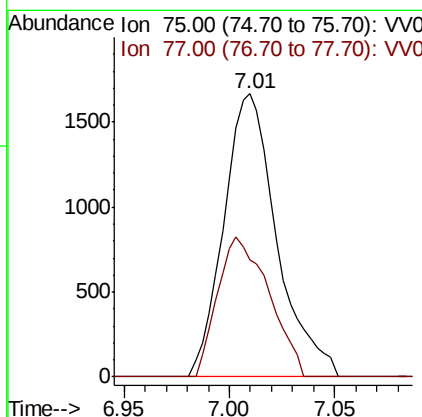
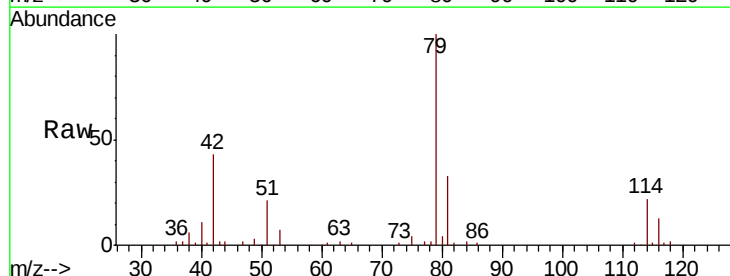
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 MSVOA_V
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 F4M10

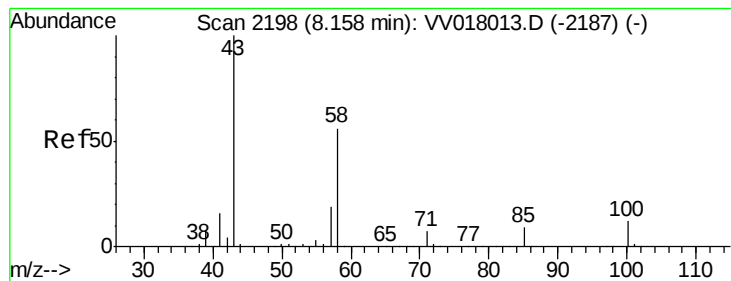
Tot Ion: 63 Resp: 11608
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.995 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018025.D
 Acq: 17 Aug 2020 14:48

Tgt Ion: 75 Resp: 2912
 Ion Ratio Lower Upper
 75 100
 77 41.5 22.3 41.5#





#48

2-Hexanone

Concen: 2.939 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VV018025.D

Acq: 17 Aug 2020 14:48

Instrument :

MSVOA_V

ClientSampled :

F4M10

Tot Ion: 43 Resp: 6395

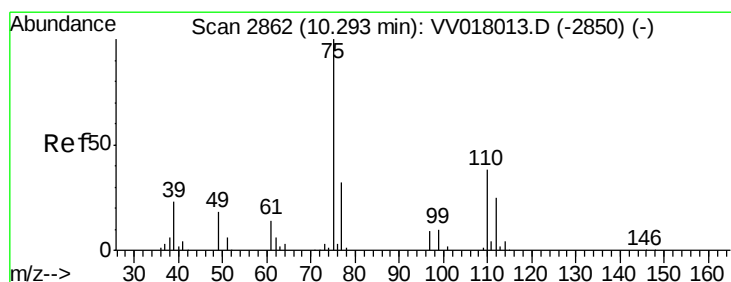
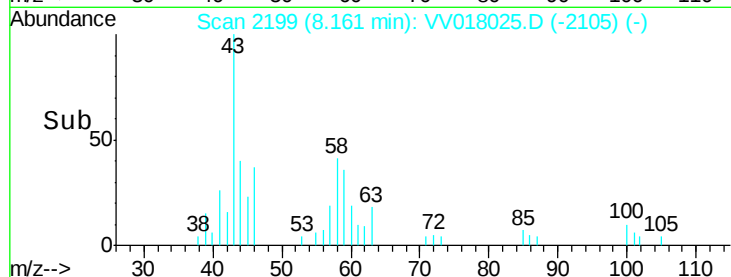
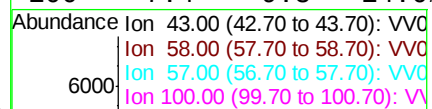
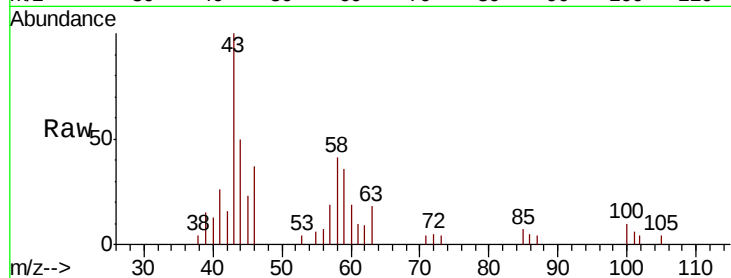
Ion Ratio Lower Upper

43 100

58 56.7 44.4 66.6

57 20.8 15.2 22.8

100 7.4 9.8 14.6#



#59

1,2,3-Trichloropropane

Concen: 5.557 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018025.D

Acq: 17 Aug 2020 14:48

Tgt Ion: 75 Resp: 14168

Ion Ratio Lower Upper

75 100

77 38.0 25.7 38.5

