

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
 Data File : VV017949.D
 Acq On : 13 Aug 2020 00:57
 Operator : SY/MD
 Sample : L3655-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L25

Quant Time: Aug 13 06:01:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 05:58:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	248065	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	243275	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	111644	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	124748	65.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	131.82%
7) Chloroethane-d5	1.58	69	72991	47.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.28%
11) 1,1-Dichloroethene-d2	2.12	63	125263	34.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.20%
21) 2-Butanone-d5	3.91	46	121234	97.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.80%
24) Chloroform-d	4.38	84	156904	45.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.08%
26) 1,2-Dichloroethane-d4	5.06	65	110600	49.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.84%
32) Benzene-d6	5.08	84	320847	47.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.72%
36) 1,2-Dichloropropane-d6	6.09	67	104371	47.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.24%
41) Toluene-d8	7.34	98	280735	46.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.12%
43) trans-1,3-Dichloropropene-	7.64	79	44374	44.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.26%
47) 2-Hexanone-d5	8.11	63	59518	84.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.62%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	130495	45.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.44%
64) 1,2-Dichlorobenzene-d4	11.65	152	112452	51.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.36%

Target Compounds

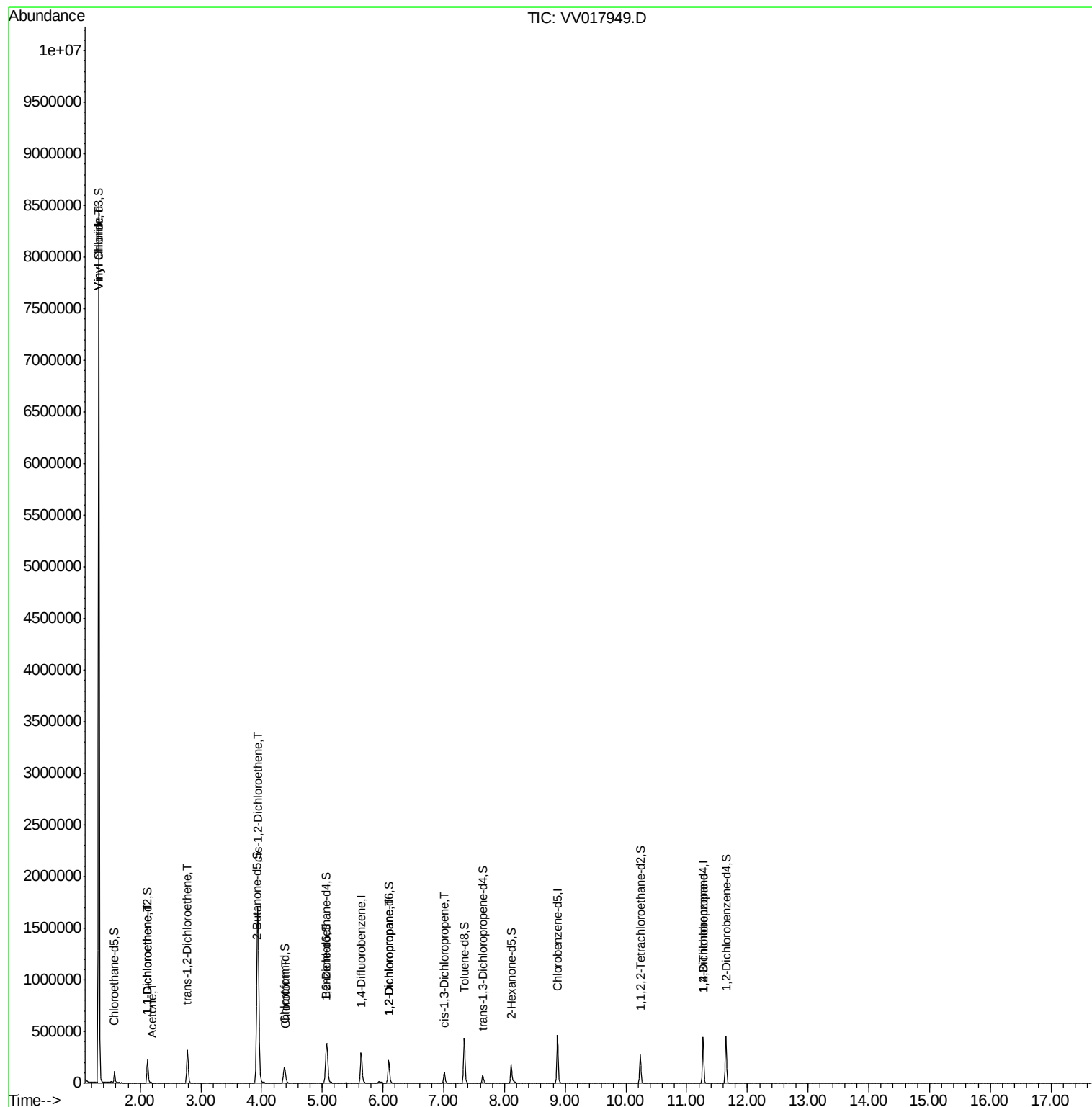
					Ovalue
5) Vinyl chloride	1.32	62	5169999	2345.513	ug/L 94
12) 1,1-Dichloroethene	2.13	96	1882	1.131	ug/L # 1
13) Acetone	2.20	43	2216	1.731	ug/L 63
17) trans-1,2-Dichloroethene	2.78	96	118251	69.133	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	917047	487.872	ug/L 100
25) Chloroform	4.40	83	6405	1.826	ug/L 94
37) 1,2-Dichloropropane	6.09	63	11744	5.722	ug/L # 87
39) cis-1,3-Dichloropropene	7.01	75	2715	0.933	ug/L # 61
59) 1,2,3-Trichloropropane	11.27	75	13734	5.418	ug/L 90

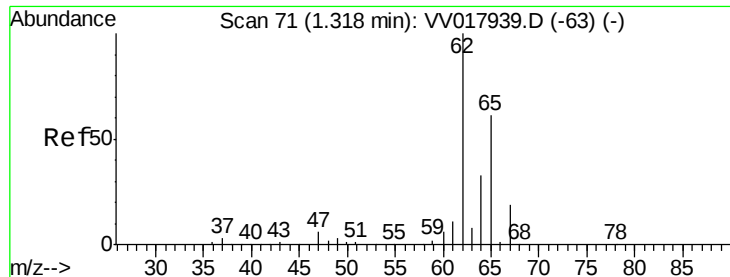
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 13 05:58:58 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2345.513 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017949.D

Acq: 13 Aug 2020 00:57

Instrument :

MSVOA_V

ClientSampled :

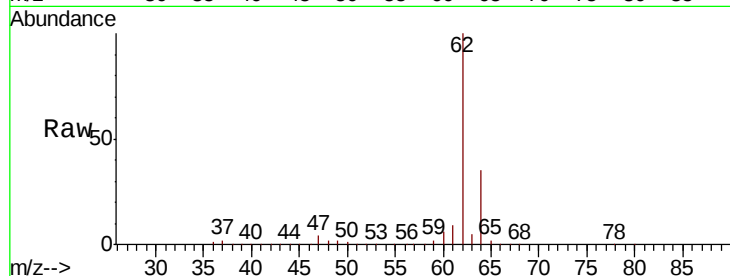
F4L25

Tot Ion: 62 Resp: 5169999

Ion Ratio Lower Upper

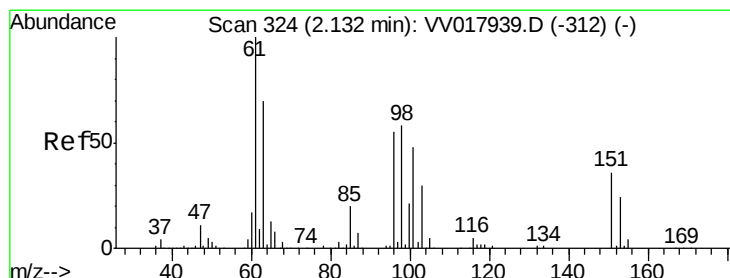
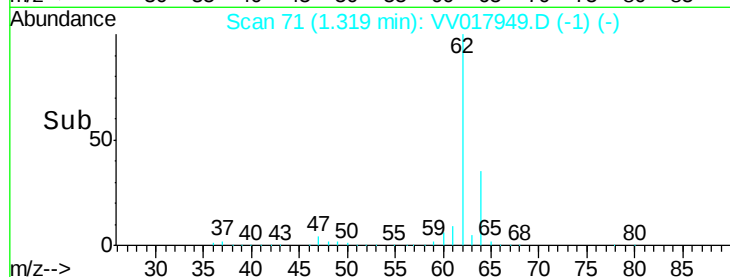
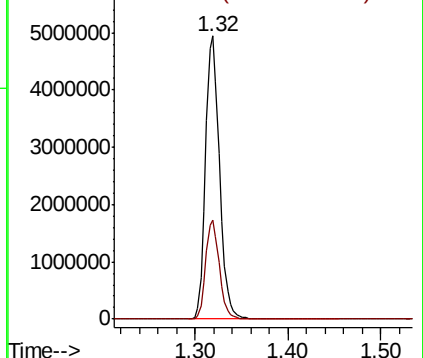
62 100

64 35.2 22.4 41.6



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#12

1,1-Dichloroethene

Concen: 1.131 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV017949.D

Acq: 13 Aug 2020 00:57

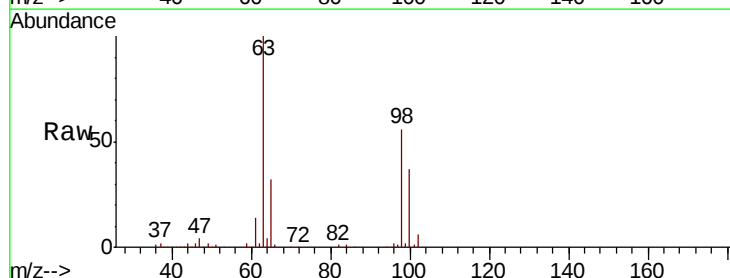
Tgt Ion: 96 Resp: 1882

Ion Ratio Lower Upper

96 100

61 781.7 127.1 236.0#

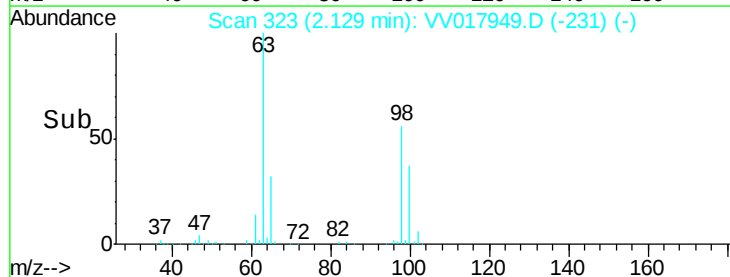
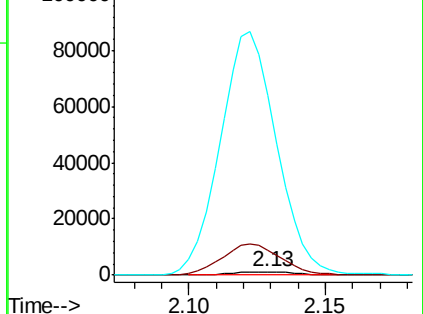
63 5573.5 95.2 176.8#

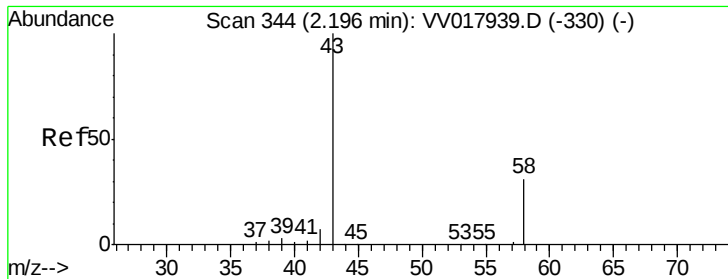


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 1.731 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.01 min

Lab File: VV017949.D

Acq: 13 Aug 2020 00:57

Instrument :

MSVOA_V

ClientSampled :

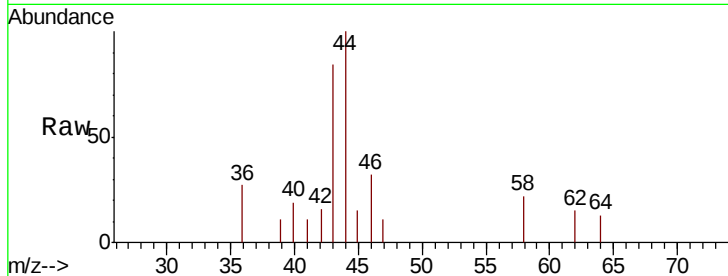
F4L25

Tot Ion: 43 Resp: 2216

Ion Ratio Lower Upper

43 100

58 11.0 0.0 63.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.20

800

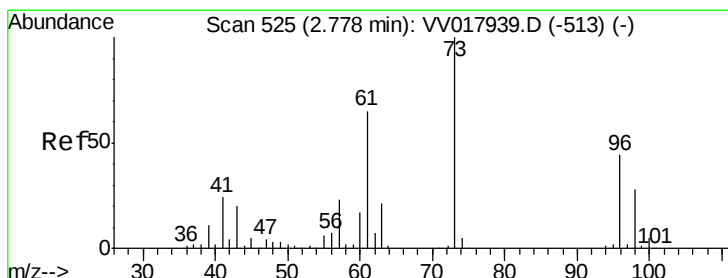
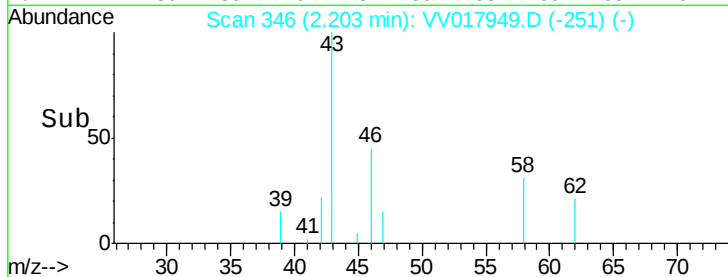
600

400

200

0

Time-->



#17

trans-1,2-Dichloroethene

Concen: 69.133 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV017949.D

Acq: 13 Aug 2020 00:57

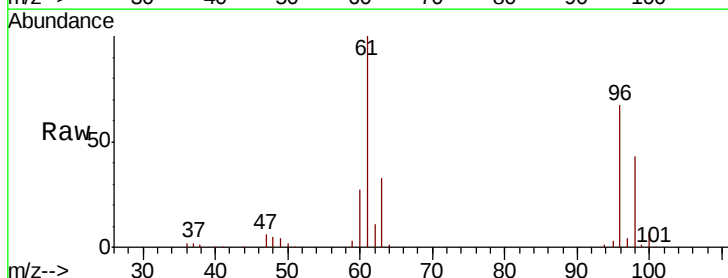
Tgt Ion: 96 Resp: 118251

Ion Ratio Lower Upper

96 100

61 148.9 102.4 190.2

98 64.0 44.4 82.5



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

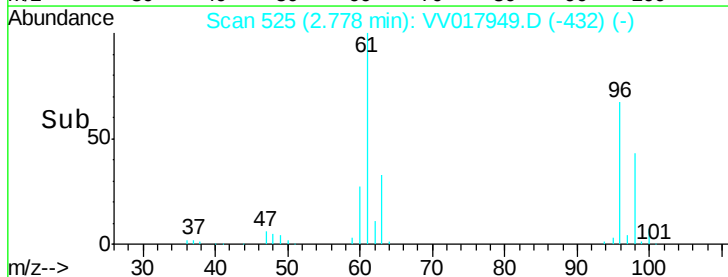
Ion 98.00 (97.70 to 98.70): VV0

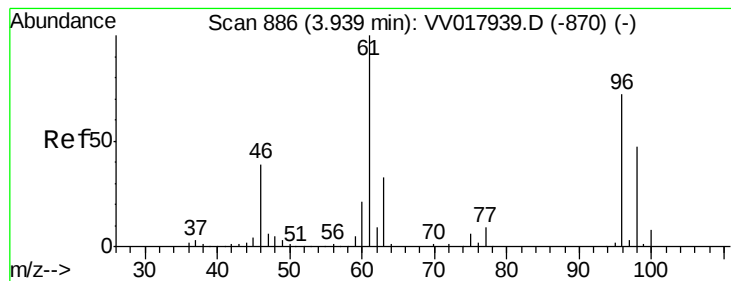
100000

50000

0

Time-->



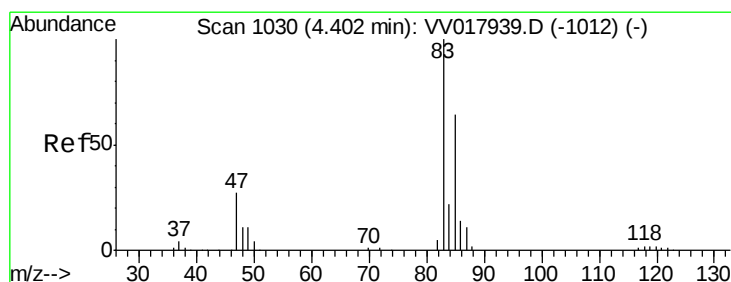
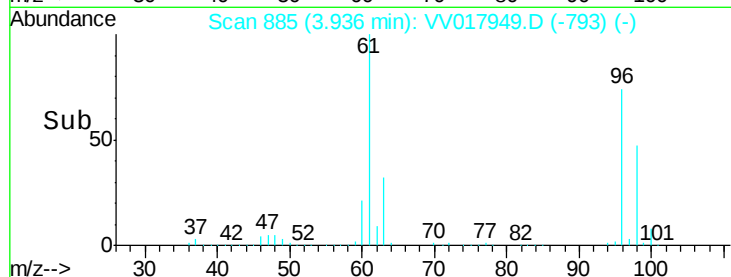
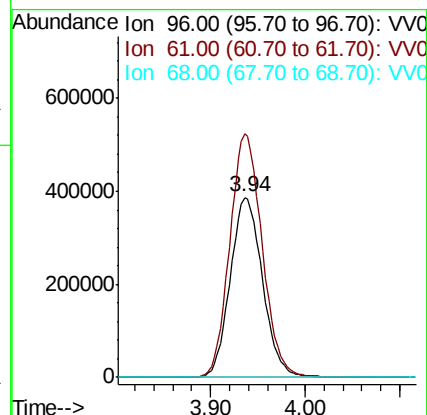
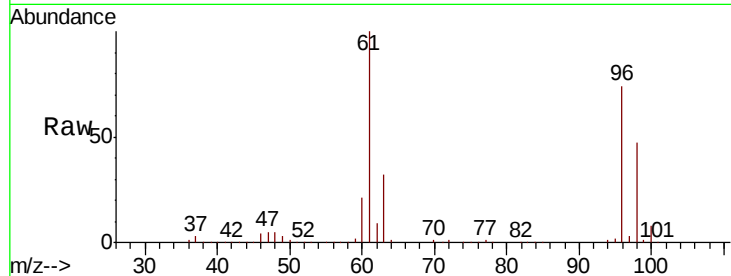


#20

cis-1,2-Dichloroethene
 Concen: 487.872 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: VV017949.D
 Acq: 13 Aug 2020 00:57

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L25

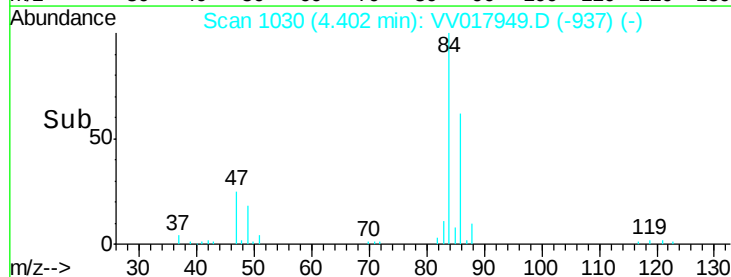
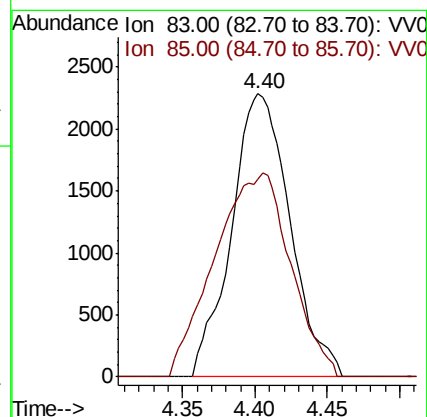
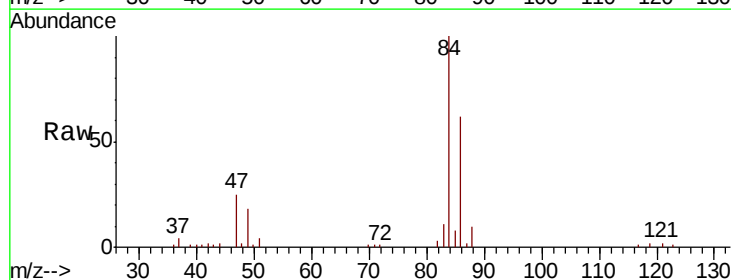
Tot Ion: 96 Resp: 917047
 Ion Ratio Lower Upper
 96 100
 61 135.6 95.0 176.4
 68 0.0 0.0 0.0

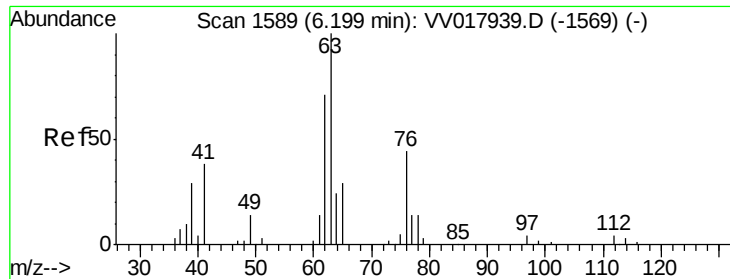


#25

Chloroform
 Concen: 1.826 ug/L
 RT: 4.40 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VV017949.D
 Acq: 13 Aug 2020 00:57

Tgt Ion: 83 Resp: 6405
 Ion Ratio Lower Upper
 83 100
 85 69.8 45.5 84.5

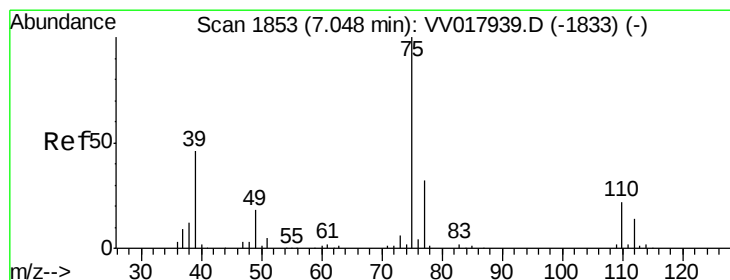
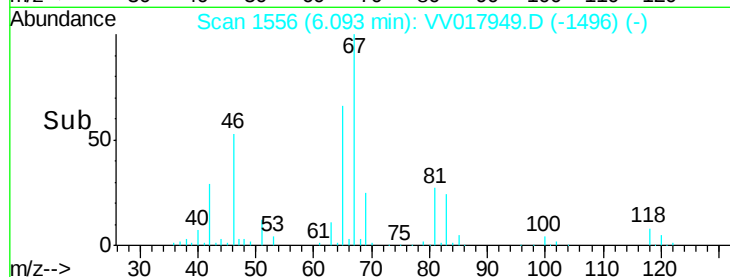
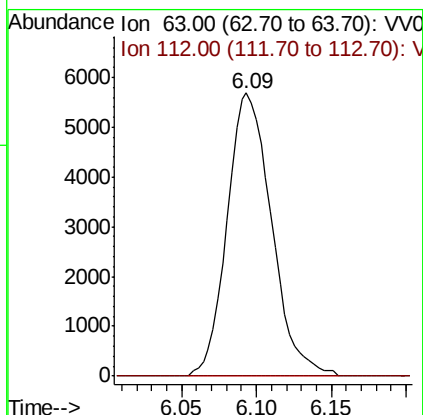
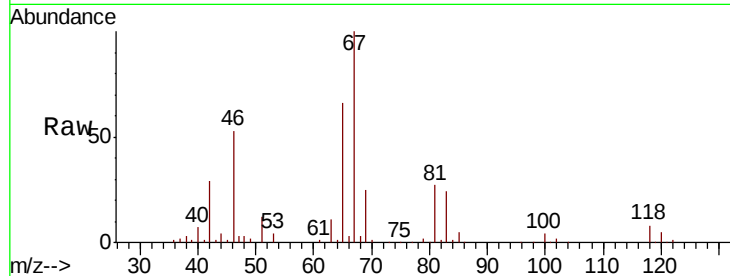




#37
 1,2-Dichloropropane
 Concen: 5.722 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.11 min
 Lab File: VV017949.D
 Acq: 13 Aug 2020 00:57

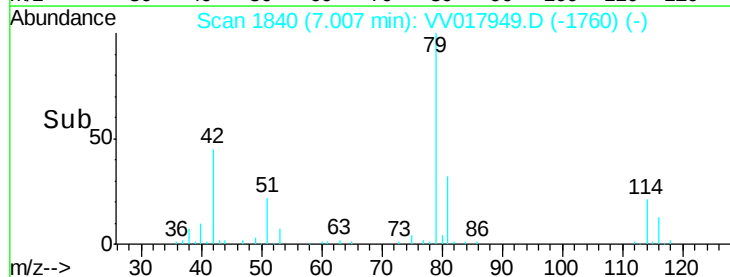
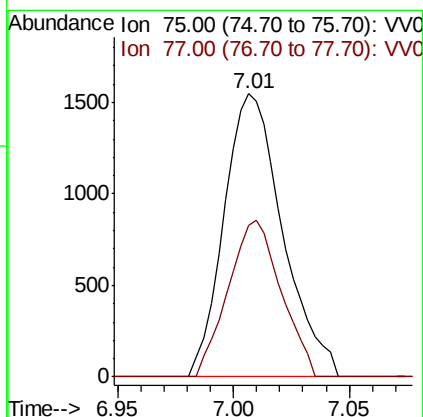
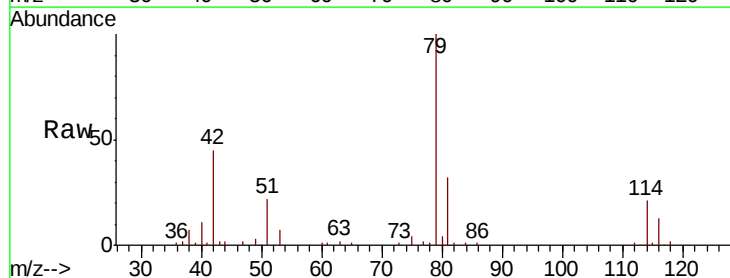
Instrument :
 MSVOA_V
 ClientSampled :
 F4L25

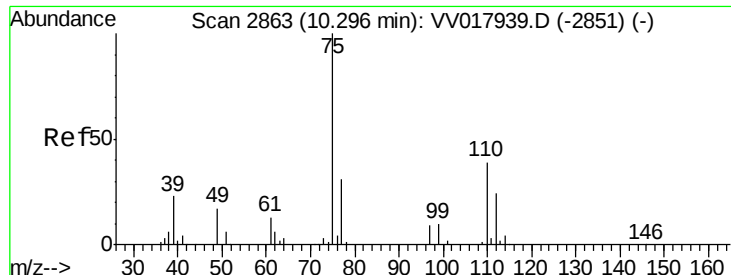
Tot Ion: 63 Resp: 11744
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.933 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV017949.D
 Acq: 13 Aug 2020 00:57

Tgt Ion: 75 Resp: 2715
 Ion Ratio Lower Upper
 75 100
 77 53.7 22.3 41.5#





#59

1,2,3-Trichloropropane

Concen: 5.418 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV017949.D

Acq: 13 Aug 2020 00:57

Instrument :

MSVOA_V

ClientSampleId :

F4L25

Tot Ion: 75 Resp: 13734

Ion Ratio Lower Upper

75 100

77 37.9 25.7 38.5

