

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080620\
 Data File : VV017821.D
 Acq On : 06 Aug 2020 18:43
 Operator : SY/MD
 Sample : L3590-16
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L21

Quant Time: Aug 07 05:32:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 07 05:27:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	224602	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	222348	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	123034	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42699	38.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.98%
7) Chloroethane-d5	1.58	69	41193	44.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.10%
11) 1,1-Dichloroethene-d2	2.12	63	83557	31.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.50%
21) 2-Butanone-d5	3.90	46	73764	89.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.57%
24) Chloroform-d	4.37	84	135782	45.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.72%
26) 1,2-Dichloroethane-d4	5.06	65	108227	49.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.00%
32) Benzene-d6	5.07	84	226928	43.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.28%
36) 1,2-Dichloropropane-d6	6.09	67	60567	41.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.38%
41) Toluene-d8	7.34	98	224935	43.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.22%
43) trans-1,3-Dichloropropene-	7.64	79	34299	35.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.44%
47) 2-Hexanone-d5	8.11	63	54255	86.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.88%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	93606	42.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.34%
64) 1,2-Dichlorobenzene-d4	11.65	152	116939	48.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.84%

Target Compounds

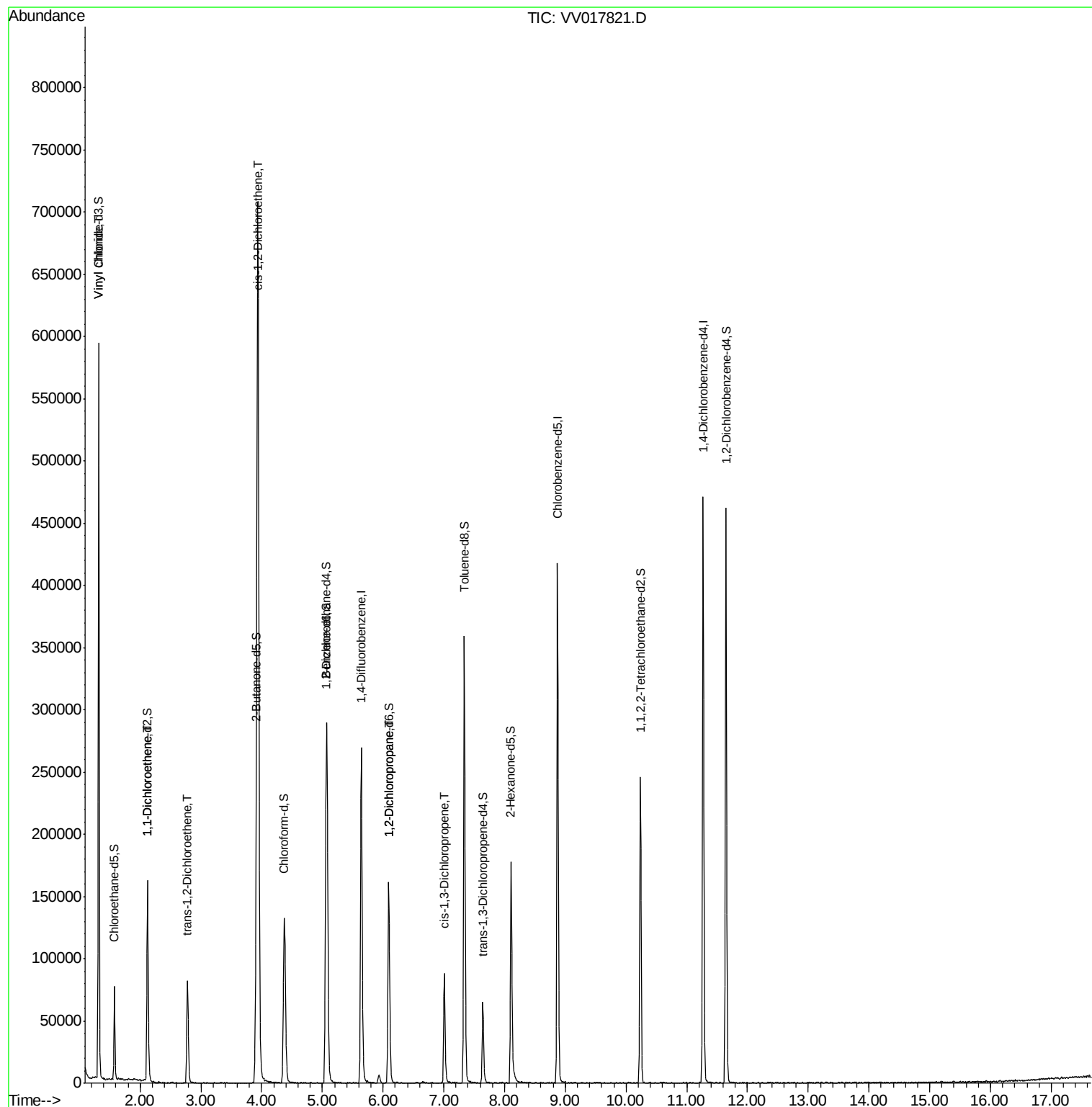
					Ovalue
5) Vinyl chloride	1.32	62	289087	181.435	ug/L 100
12) 1,1-Dichloroethene	2.13	96	1140	0.843	ug/L # 1
17) trans-1,2-Dichloroethene	2.78	96	30847	20.238	ug/L 94
20) cis-1,2-Dichloroethene	3.94	96	390783	240.027	ug/L 98
37) 1,2-Dichloropropane	6.09	63	9576	6.928	ug/L # 83
39) cis-1,3-Dichloropropene	7.01	75	2704	1.065	ug/L # 57

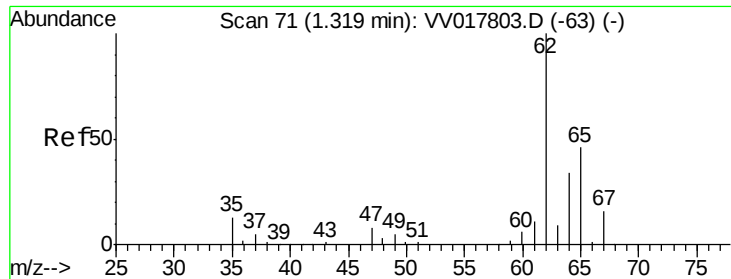
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 181.435 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017821.D

Acq: 06 Aug 2020 18:43

Instrument :

MSVOA_V

ClientSampleId :

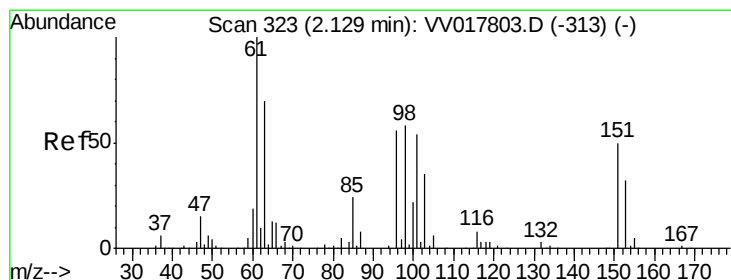
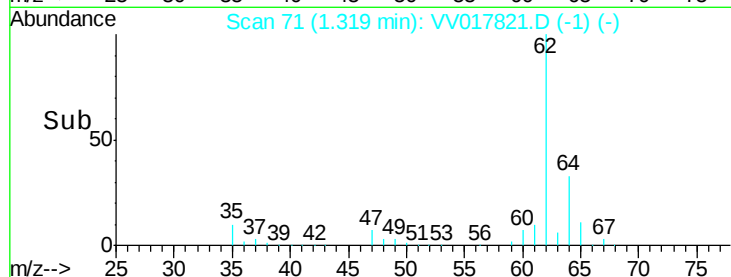
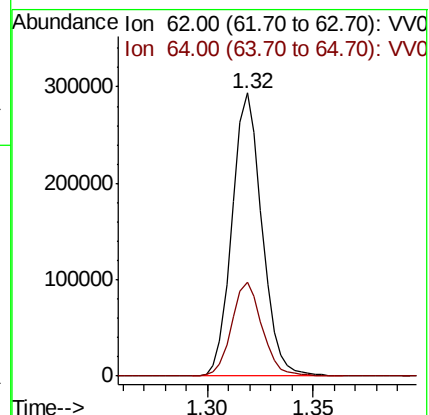
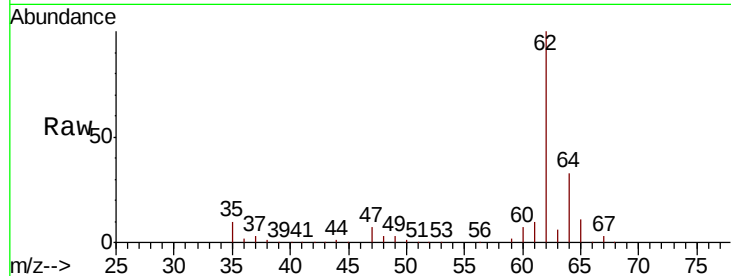
F4L21

Tot Ion: 62 Resp: 289087

Ion Ratio Lower Upper

62 100

64 33.0 22.9 42.5



#12

1,1-Dichloroethene

Concen: 0.843 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV017821.D

Acq: 06 Aug 2020 18:43

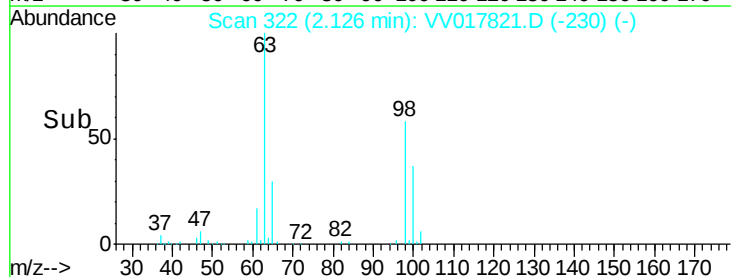
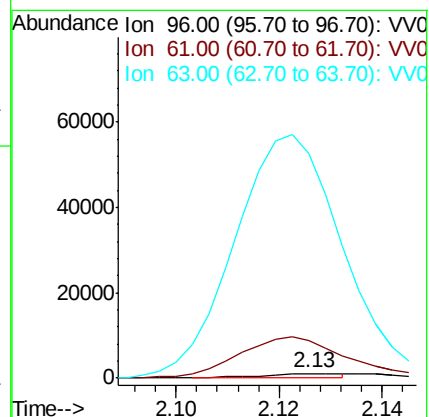
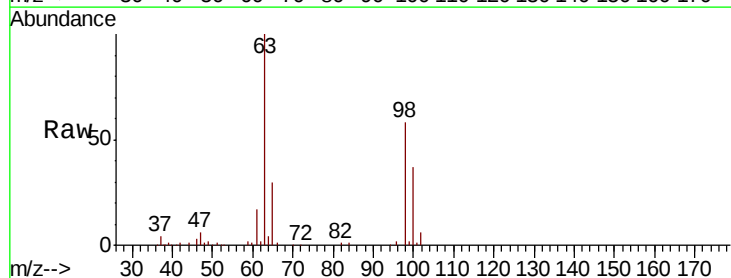
Tgt Ion: 96 Resp: 1140

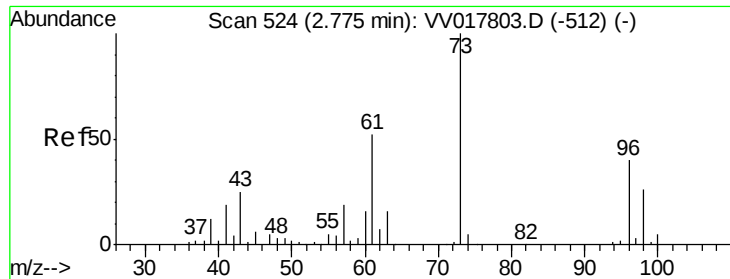
Ion Ratio Lower Upper

96 100

61 887.4 131.0 243.2#

63 5237.9 88.5 164.3#

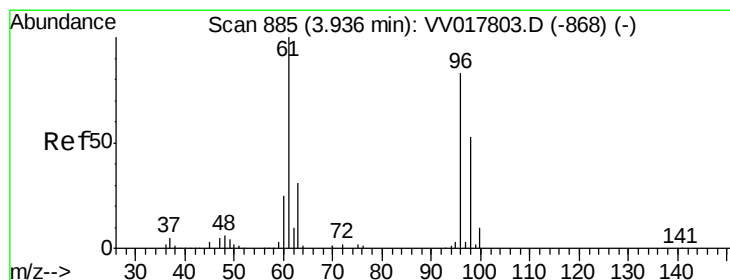
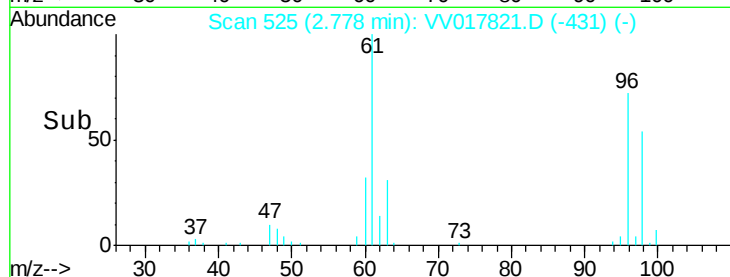
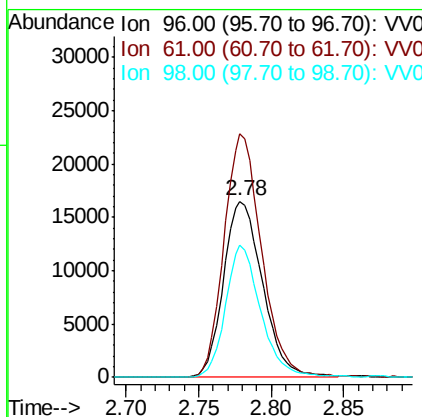
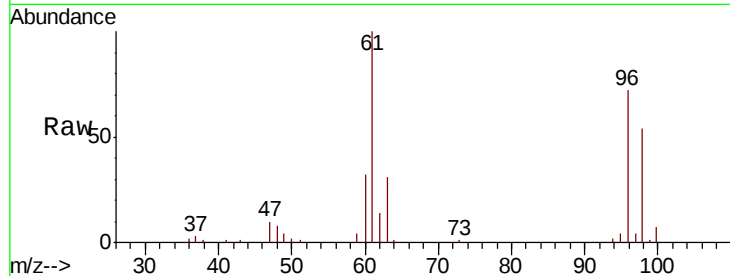




#17
trans-1,2-Dichloroethene
Concen: 20.238 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.00 min
Lab File: VV017821.D
Acq: 06 Aug 2020 18:43

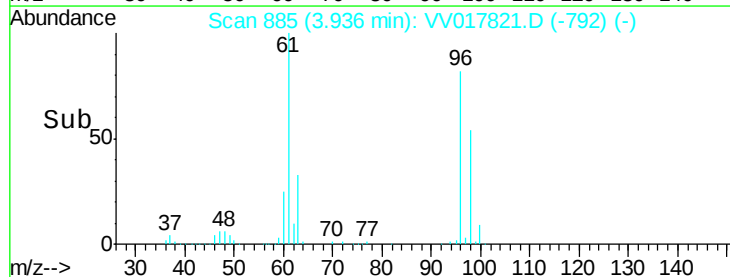
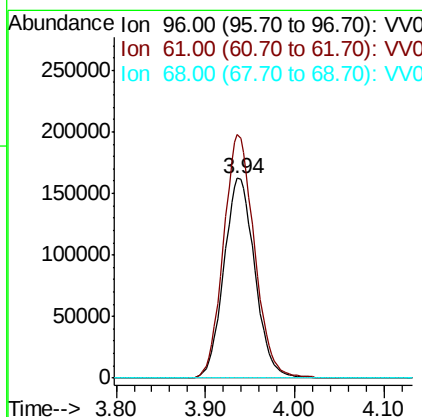
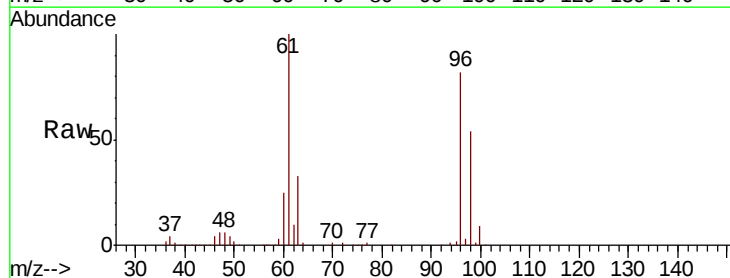
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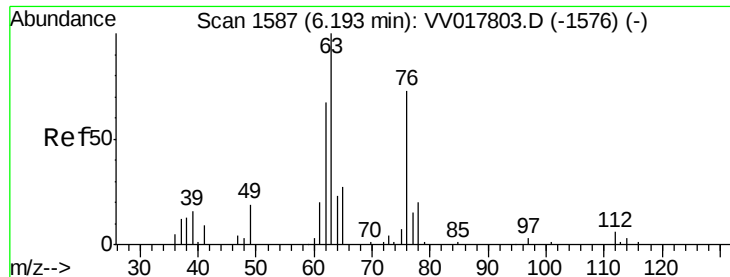
Tot Ion: 96 Resp: 30847
Ion Ratio Lower Upper
96 100
61 138.2 96.2 178.8
98 74.8 43.2 80.2



#20
cis-1,2-Dichloroethene
Concen: 240.027 ug/L
RT: 3.94 min Scan# 885
Delta R.T. 0.00 min
Lab File: VV017821.D
Acq: 06 Aug 2020 18:43

Tgt Ion: 96 Resp: 390783
Ion Ratio Lower Upper
96 100
61 122.0 87.3 162.1
68 0.0 0.0 0.0

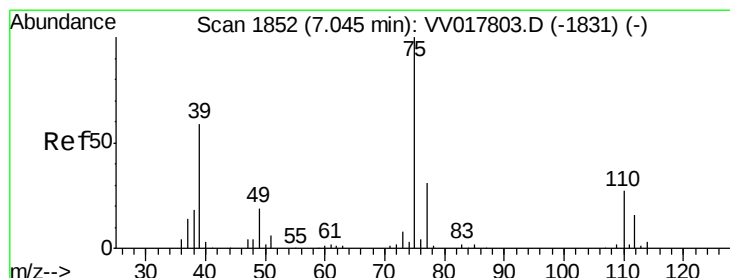
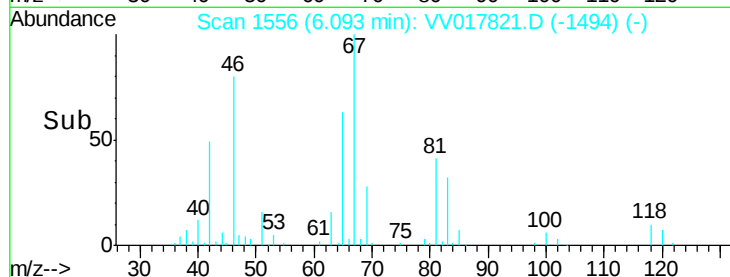
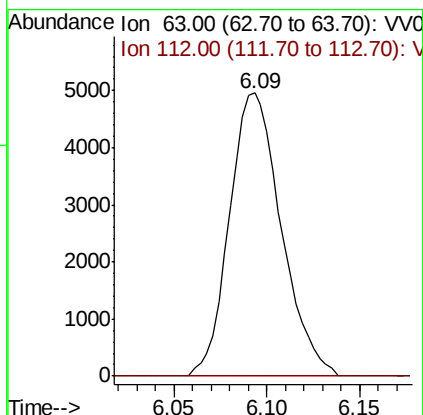
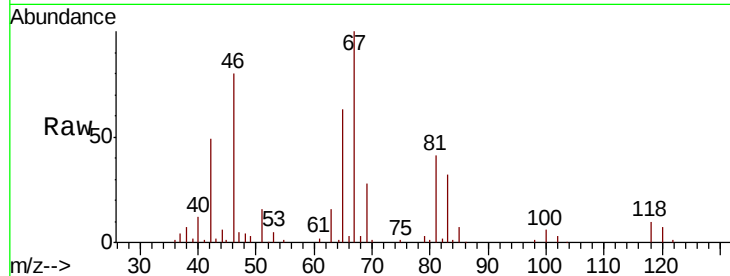




#37
 1,2-Dichloropropane
 Concen: 6.928 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV017821.D
 Acq: 06 Aug 2020 18:43

Instrument :
 MSVOA_V
 ClientSampled :
 F4L21

Tot Ion: 63 Resp: 9576
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.6 6.8#



#39
 cis-1,3-Dichloropropene
 Concen: 1.065 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV017821.D
 Acq: 06 Aug 2020 18:43

Tgt Ion: 75 Resp: 2704
 Ion Ratio Lower Upper
 75 100
 77 57.2 23.2 43.0#

