

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016593.D
 Acq On : 06 Jun 2020 16:27
 Operator : SY/MD
 Sample : L2895-14
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW0L1

Quant Time: Jun 06 23:50:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 23:47:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	375336	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	353268	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	166755	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	92816	34.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.82%
7) Chloroethane-d5	1.56	69	69346	36.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.26%
11) 1,1-Dichloroethene-d2	2.12	63	133558	28.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.68%#
21) 2-Butanone-d5	3.89	46	180491	106.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.18%
24) Chloroform-d	4.37	84	219123	43.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.84%
26) 1,2-Dichloroethane-d4	5.05	65	157833	47.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.48%
32) Benzene-d6	5.07	84	432462	45.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.09	67	136876	46.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.84%
41) Toluene-d8	7.34	98	388845	45.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.48%
43) trans-1,3-Dichloropropene-	7.64	79	64749	45.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.12%
47) 2-Hexanone-d5	8.11	63	134699	106.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.67%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	190800	47.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.42%
64) 1,2-Dichlorobenzene-d4	11.65	152	164475	52.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.98%

Target Compounds

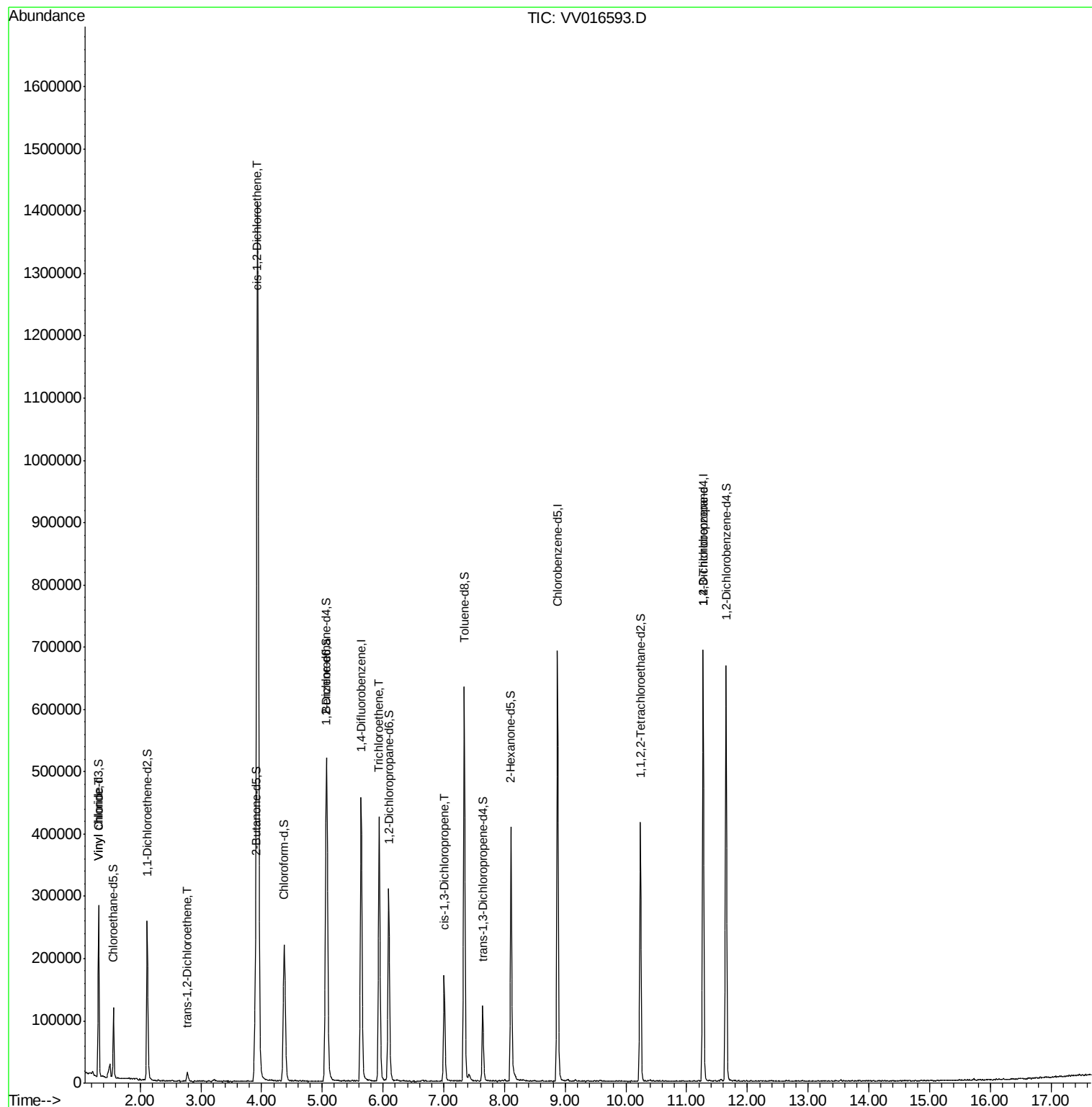
					Ovalue
5) Vinyl chloride	1.32	62	80878	28.054	ug/L 96
17) trans-1,2-Dichloroethene	2.78	96	5210	1.982	ug/L 87
20) cis-1,2-Dichloroethene	3.93	96	767953	270.646	ug/L 100
34) Trichloroethene	5.94	95	146113	53.597	ug/L 98
39) cis-1,3-Dichloropropene	7.01	75	4436	1.123	ug/L # 71
59) 1,2,3-Trichloropropane	11.27	75	20391	6.034	ug/L 91

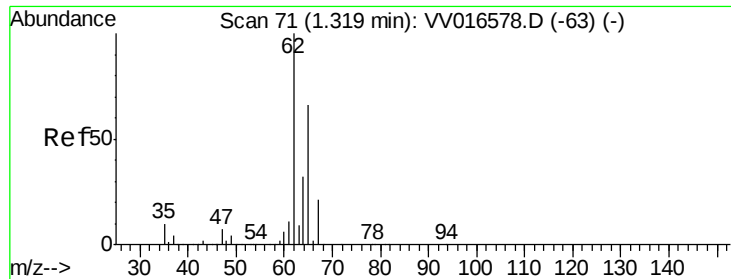
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 06 23:47:35 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 28.054 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016593.D

Acq: 06 Jun 2020 16:27

Instrument :

MSVOA_V

ClientSampleId :

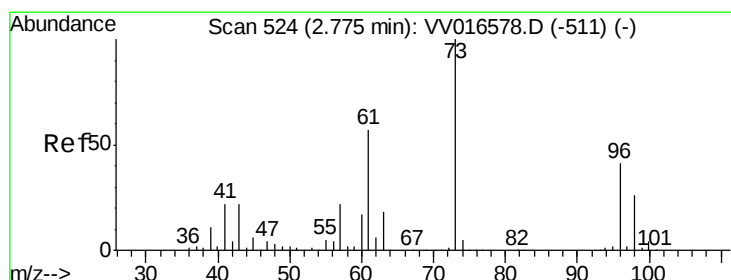
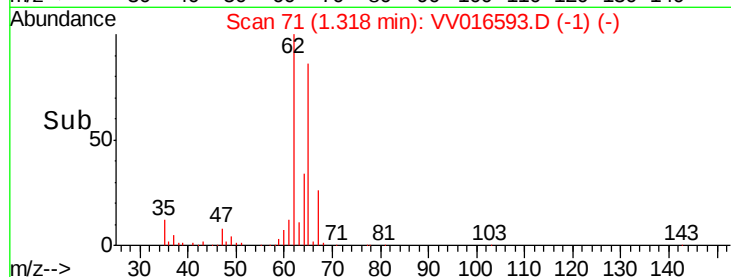
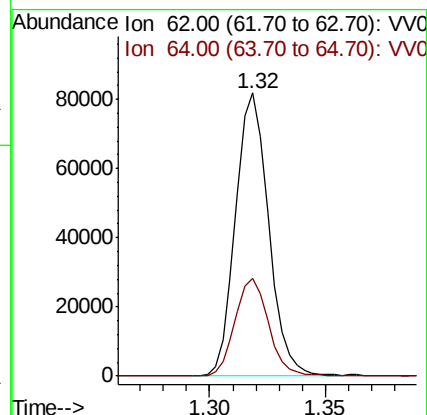
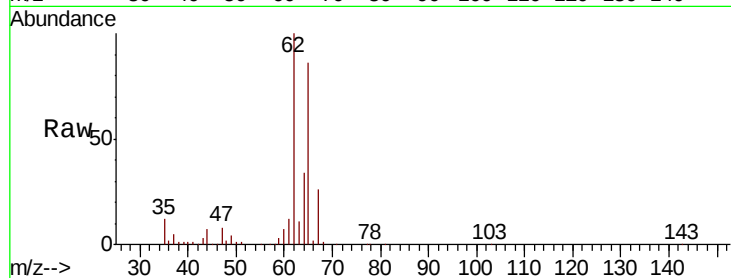
EW0L1

Tot Ion: 62 Resp: 80878

Ion Ratio Lower Upper

62 100

64 34.5 22.7 42.1



#17

trans-1,2-Dichloroethene

Concen: 1.982 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.01 min

Lab File: VV016593.D

Acq: 06 Jun 2020 16:27

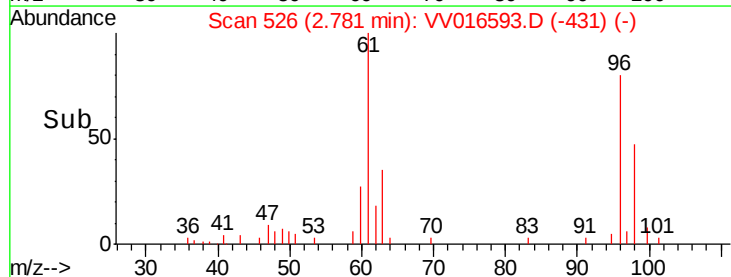
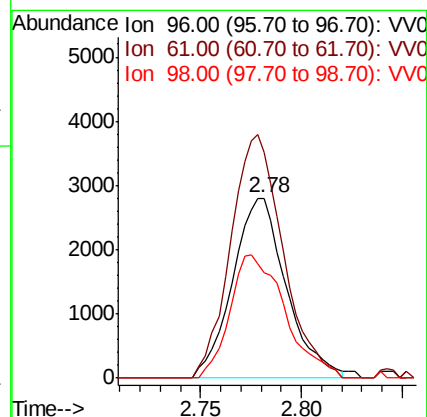
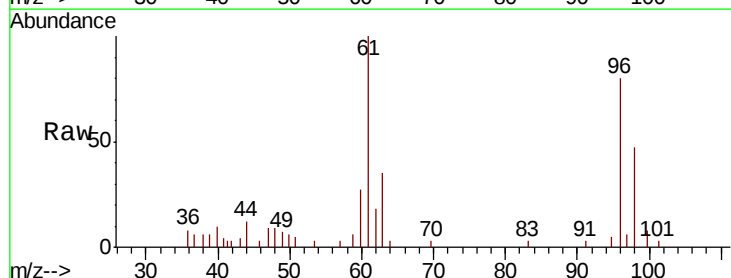
Tgt Ion: 96 Resp: 5210

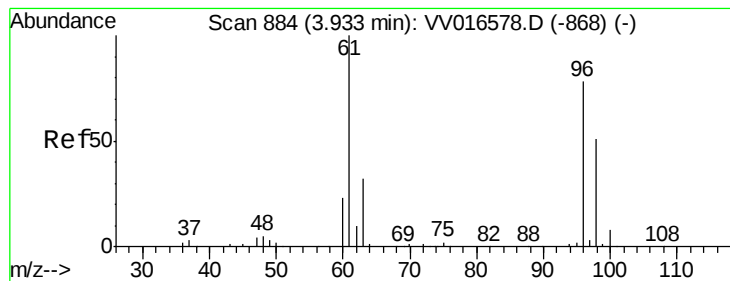
Ion Ratio Lower Upper

96 100

61 125.4 101.0 187.6

98 58.5 44.7 83.1



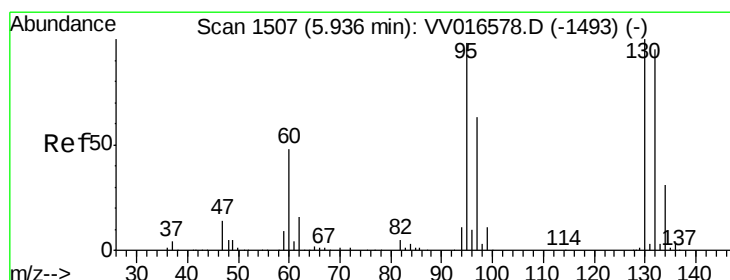
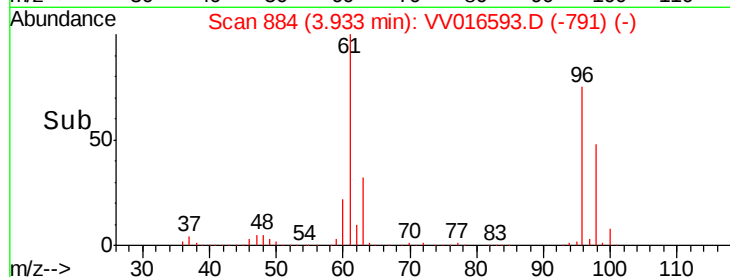
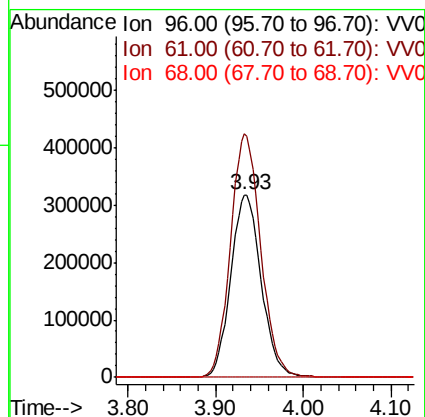
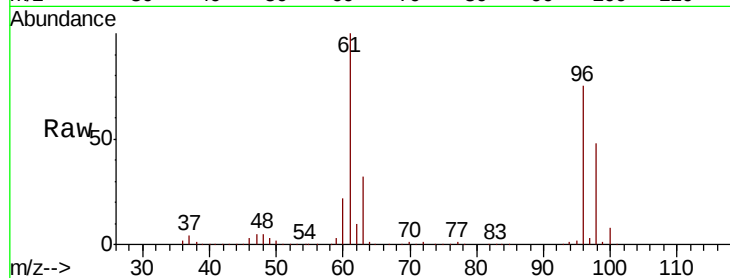


#20

cis-1,2-Dichloroethene
Concen: 270.646 ug/L
RT: 3.93 min Scan# 884
Delta R.T. -0.00 min
Lab File: VV016593.D
Acq: 06 Jun 2020 16:27

Instrument :
MSVOA_V
ClientSampled :
EW0L1

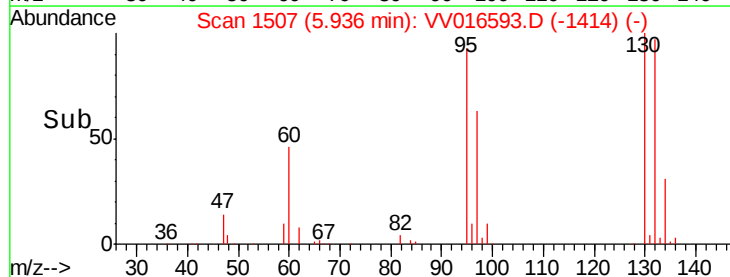
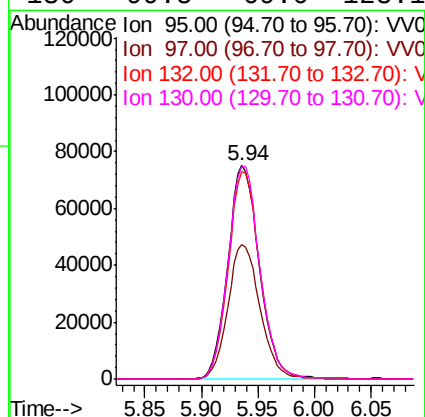
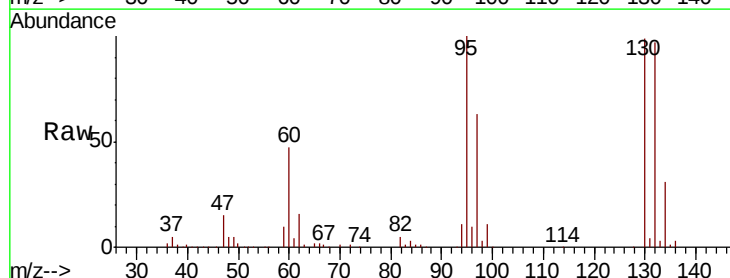
Tot Ion: 96 Resp: 767953
Ion Ratio Lower Upper
96 100
61 133.5 93.4 173.4
68 0.0 0.0 0.0

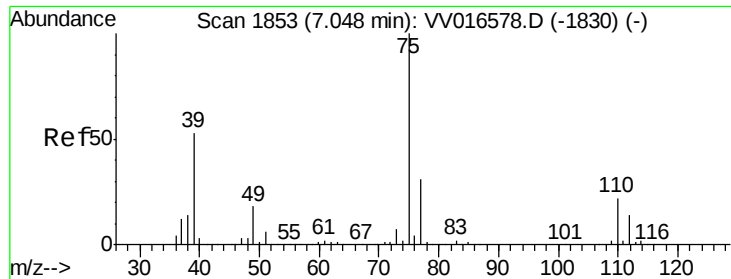


#34

Trichloroethene
Concen: 53.597 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. -0.00 min
Lab File: VV016593.D
Acq: 06 Jun 2020 16:27

Tgt Ion: 95 Resp: 146113
Ion Ratio Lower Upper
95 100
97 63.1 42.8 79.6
132 96.9 65.6 121.8
130 99.5 69.0 128.1

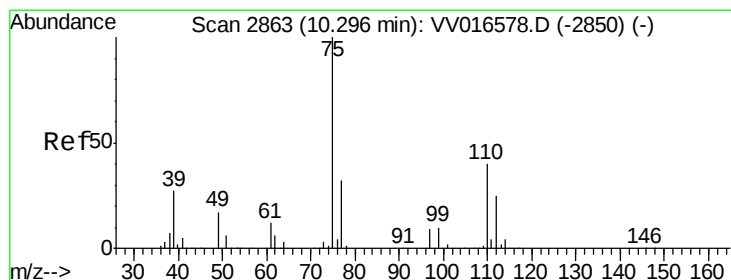
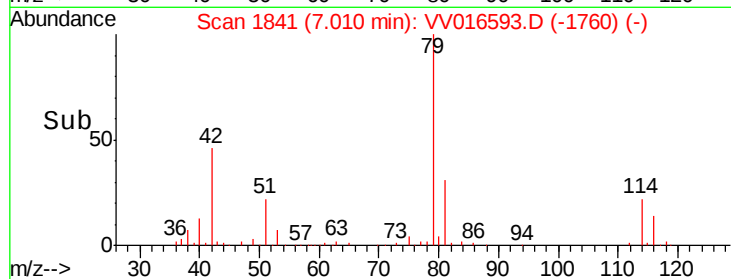
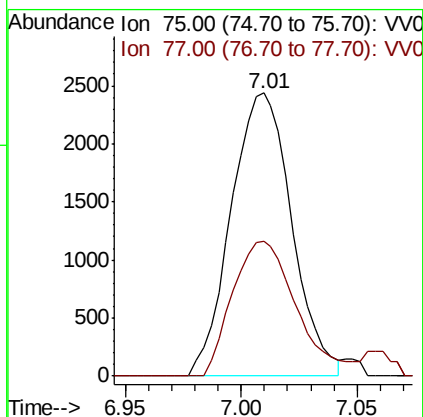
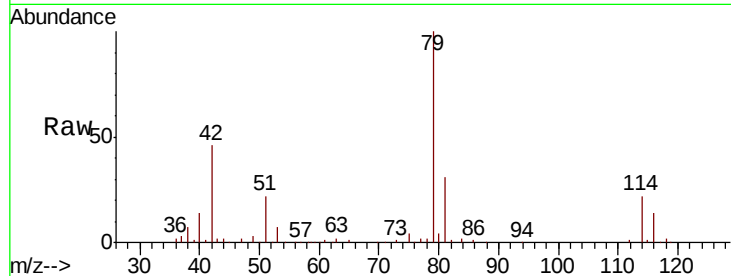




#39
 cis-1,3-Dichloropropene
 Concen: 1.123 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV016593.D
 Acq: 06 Jun 2020 16:27

Instrument :
 MSVOA_V
 ClientSampled :
 EW0L1

Tot Ion: 75 Resp: 4436
 Ion Ratio Lower Upper
 75 100
 77 47.7 22.0 41.0#



#59
 1,2,3-Trichloropropane
 Concen: 6.034 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.97 min
 Lab File: VV016593.D
 Acq: 06 Jun 2020 16:27

Tgt Ion: 75 Resp: 20391
 Ion Ratio Lower Upper
 75 100
 77 38.7 26.6 40.0

