

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051920\
 Data File : VV016120.D
 Acq On : 19 May 2020 14:19
 Operator : SY/MD
 Sample : L2661-10
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 20 01:23:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 20 01:20:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	142756	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	144315	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	67120	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35379	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.58	69	38424	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.12	63	56453	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	3.97	46	131613	59.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.16%
24) Chloroform-d	4.38	84	86994	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.06	65	52029	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
32) Benzene-d6	5.08	84	164629	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.10	67	53999	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.34	98	143401	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
45) trans-1,3-Dichloropropene-	7.65	79	18678	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
48) 2-Hexanone-d5	8.12	63	98744	54.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.28%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	39498	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	56492	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

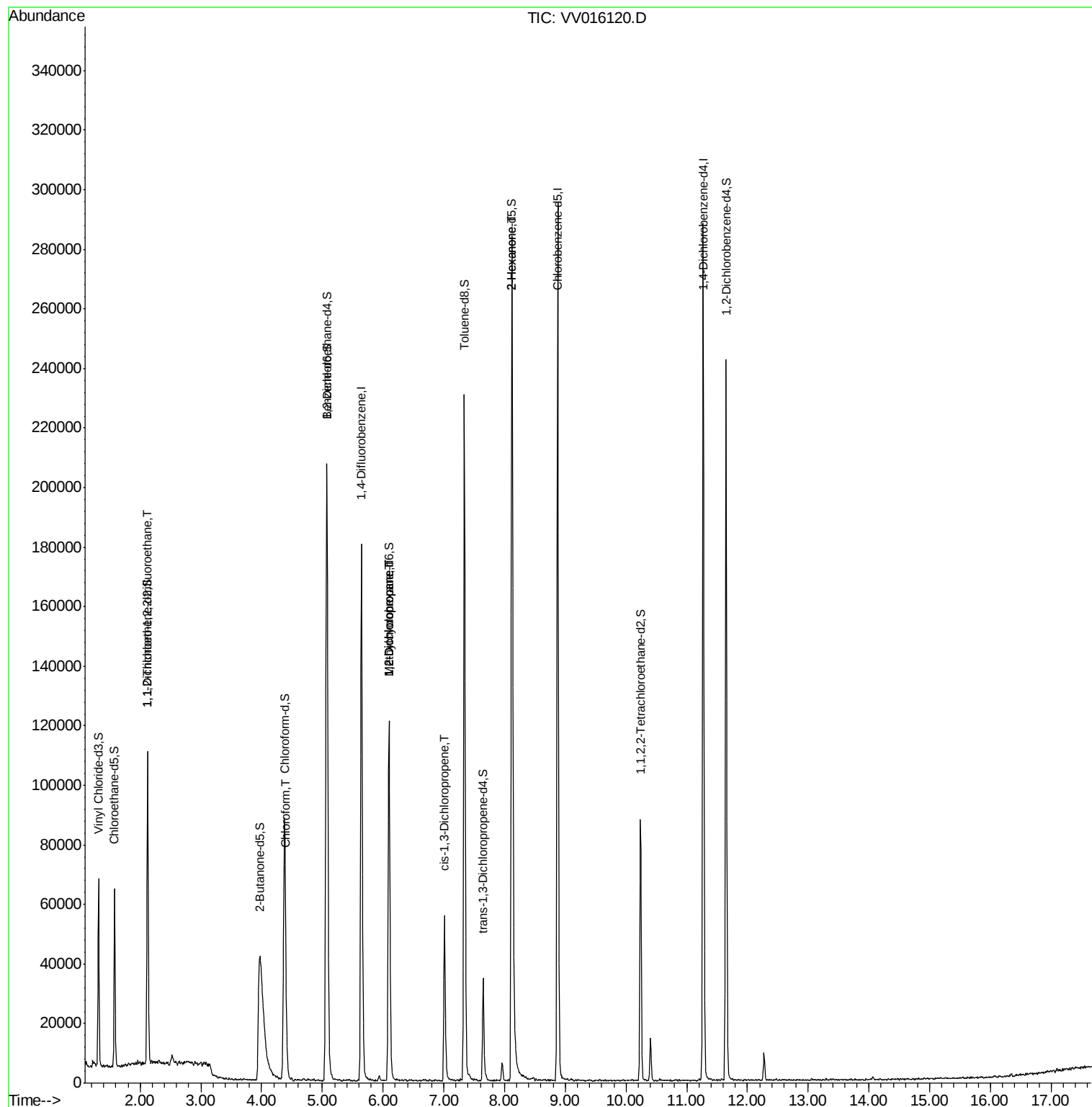
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	601	0.073 ug/L #	20
25) Chloroform	4.40	83	5796	0.315 ug/L	96
35) Methylcyclohexane	6.10	83	13297	0.848 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	6708	0.727 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1599	0.123 ug/L #	79
50) 2-Hexanone	8.12	43	14712	3.618 ug/L #	79

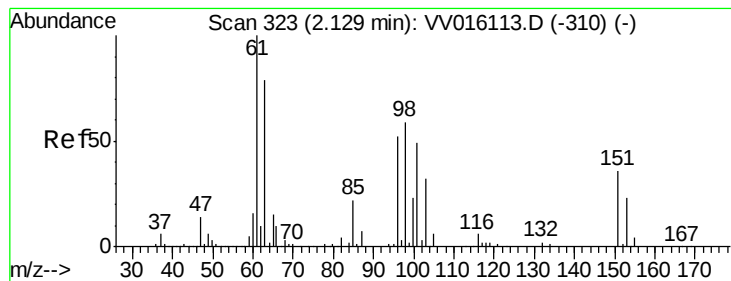
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.073 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV016120.D

Acq: 19 May 2020 14:19

Instrument :

MSVOA_V

ClientSampled :

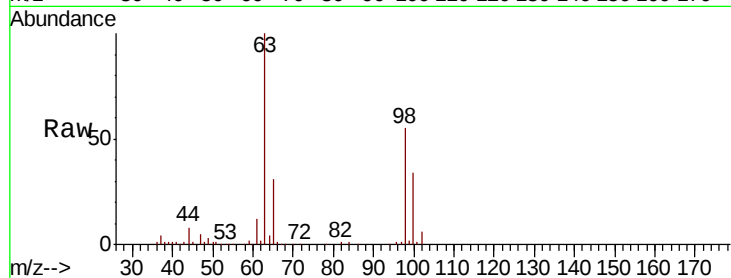
Tot Ion:101 Resp: 601

Ion Ratio Lower Upper

101 100

85 0.0 35.7 53.5#

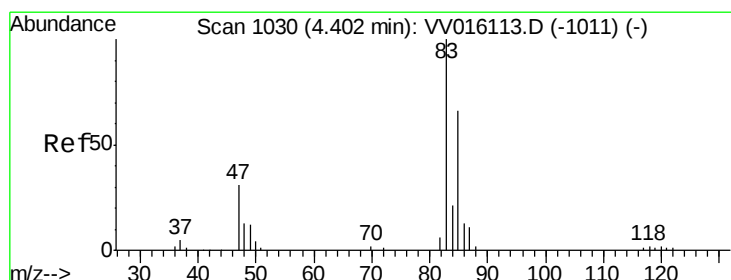
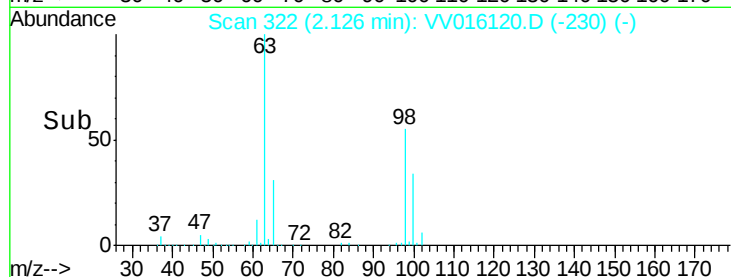
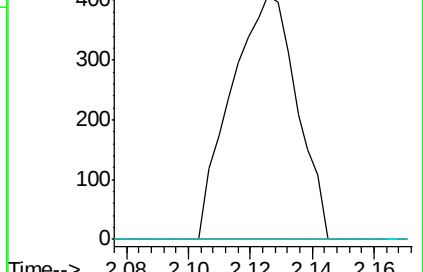
151 0.0 58.0 87.0#



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



#25

Chloroform

Concen: 0.315 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VV016120.D

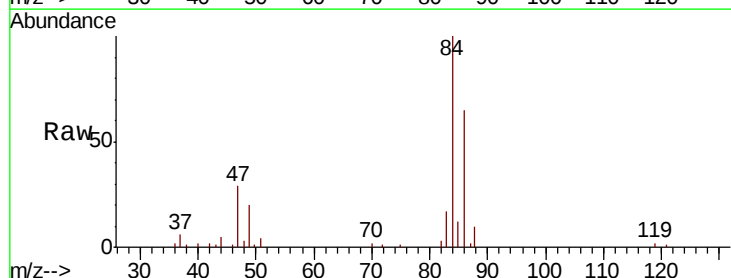
Acq: 19 May 2020 14:19

Tgt Ion: 83 Resp: 5796

Ion Ratio Lower Upper

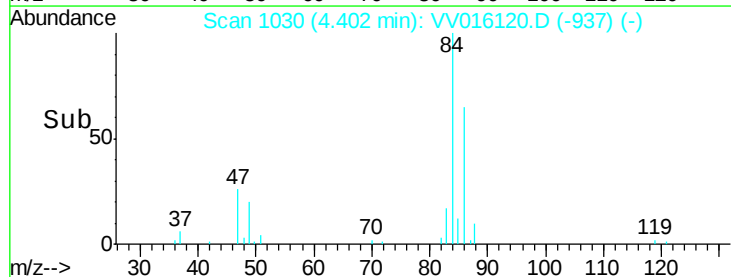
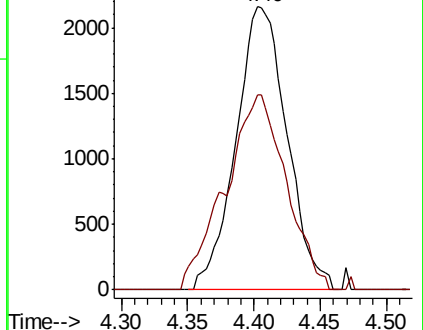
83 100

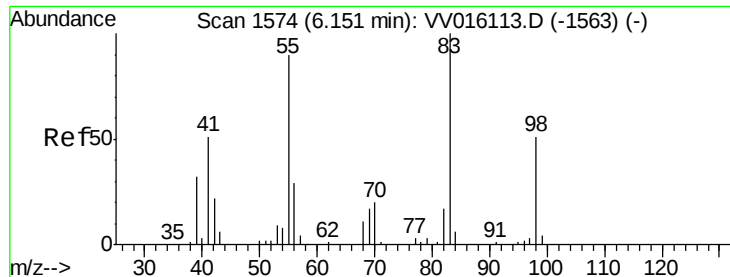
85 68.8 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

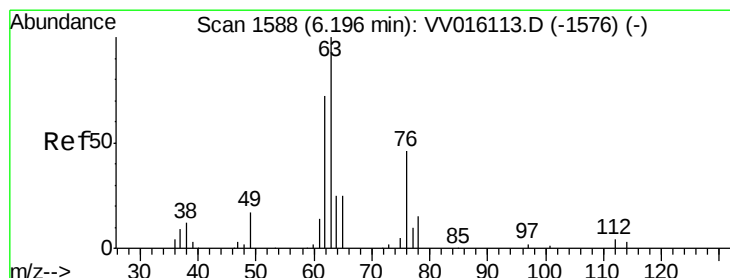
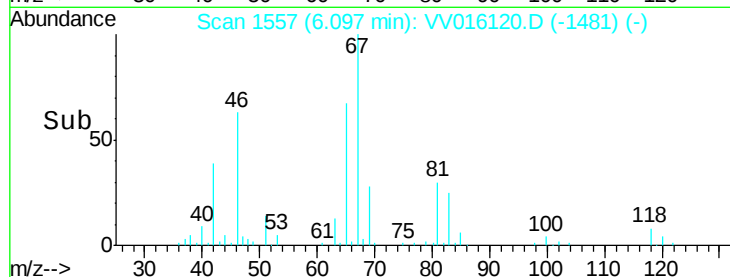
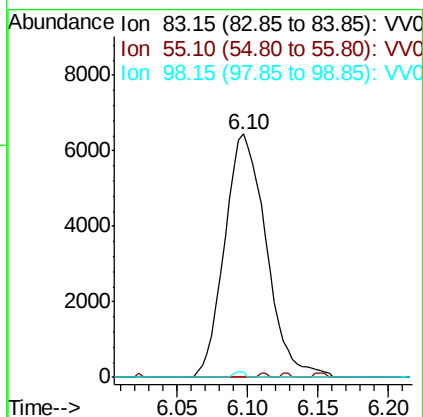
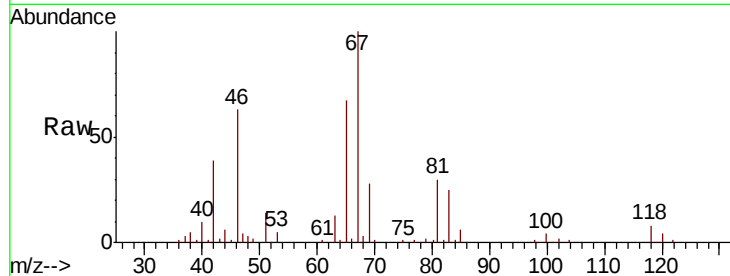




#35
Methvlcvclohexane
Concen: 0.848 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV016120.D
Acq: 19 May 2020 14:19

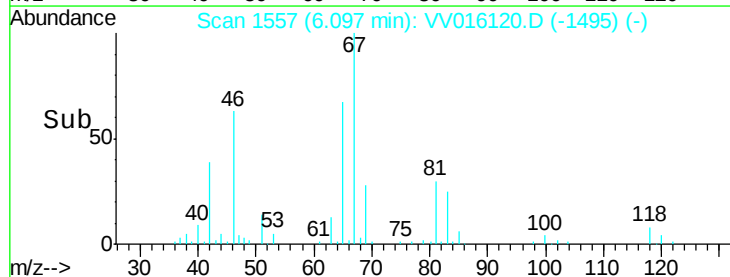
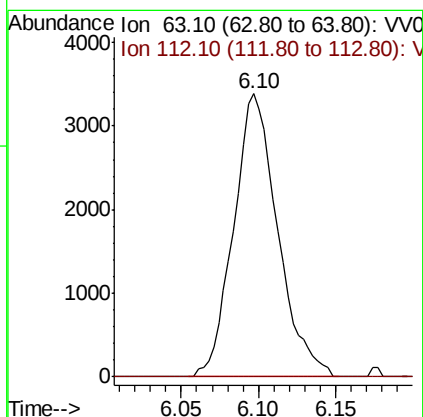
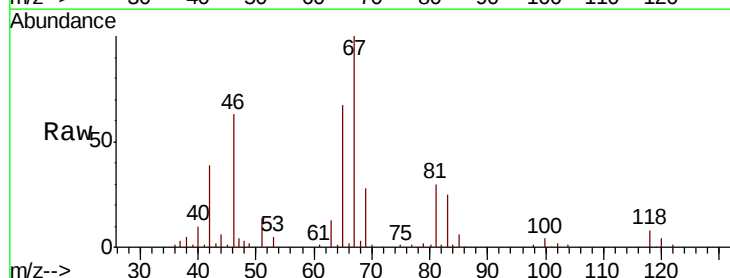
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MSVOA_V
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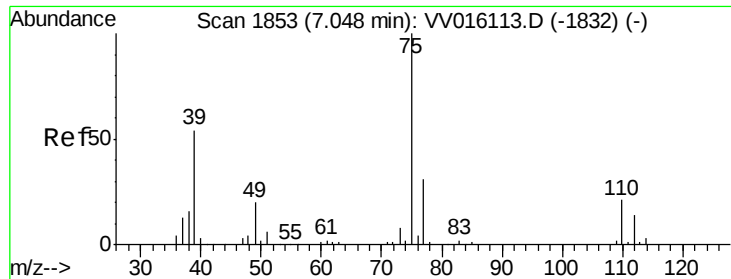
Tot Ion: 83 Resp: 13297
Ion Ratio Lower Upper
83 100
55 0.3 66.2 99.2#
98 0.6 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.727 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV016120.D
Acq: 19 May 2020 14:19

Tgt Ion: 63 Resp: 6708
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

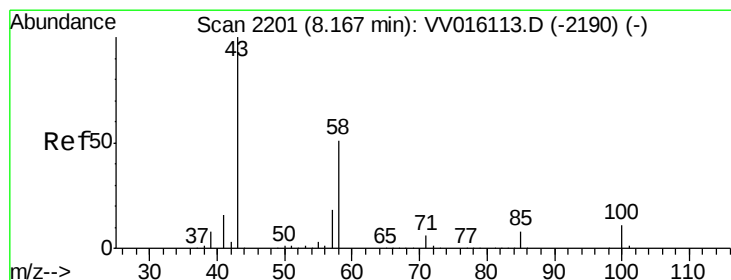
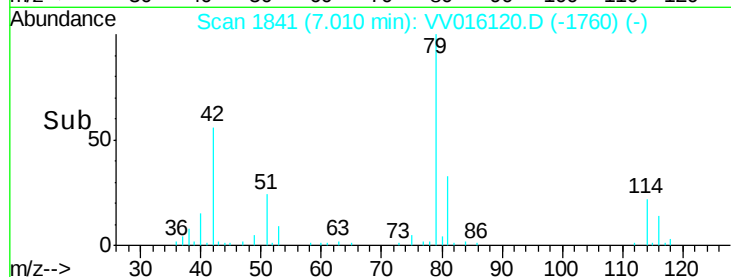
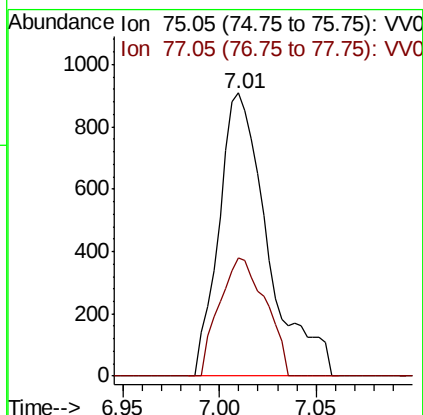
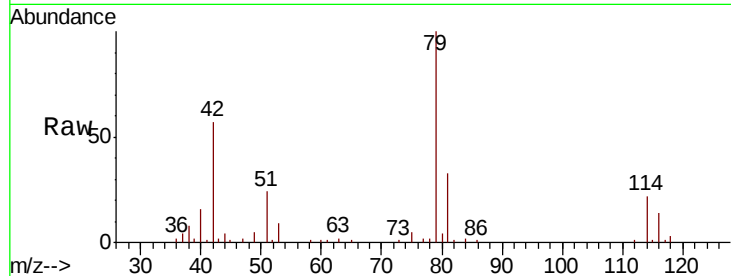




#39
 cis-1,3-Dichloropropene
 Concen: 0.123 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV016120.D
 Acq: 19 May 2020 14:19

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 1599
 Ion Ratio Lower Upper
 75 100
 77 42.0 21.3 39.5#



#50
 2-Hexanone
 Concen: 3.618 ug/L
 RT: 8.12 min Scan# 2187
 Delta R.T. -0.05 min
 Lab File: VV016120.D
 Acq: 19 May 2020 14:19

Tgt Ion: 43 Resp: 14712
 Ion Ratio Lower Upper
 43 100
 58 38.2 40.8 61.2#
 57 29.0 14.7 22.1#
 100 0.4 9.0 13.6#

