

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091720\
 Data File : VV018302.D
 Acq On : 18 Sep 2020 00:23
 Operator : SY/MD
 Sample : L4043-17
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AG2

Quant Time: Sep 18 08:07:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 18 08:05:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	285586	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	279820	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	135342	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	73484	31.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.14%
7) Chloroethane-d5	1.58	69	67494	35.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.88%
11) 1,1-Dichloroethene-d2	2.12	63	116158	27.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.42%#
21) 2-Butanone-d5	3.92	46	116929	82.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.08%
24) Chloroform-d	4.38	84	160256	39.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.38%
26) 1,2-Dichloroethane-d4	5.06	65	104297	40.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.58%
32) Benzene-d6	5.08	84	314178	39.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.44%
36) 1,2-Dichloropropane-d6	6.09	67	102505	40.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.54%
41) Toluene-d8	7.34	98	278045	38.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.18%#
43) trans-1,3-Dichloropropene-	7.64	79	47534	36.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.50%
47) 2-Hexanone-d5	8.11	63	81247	84.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.27%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	136105	42.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	120686	43.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.84%

Target Compounds

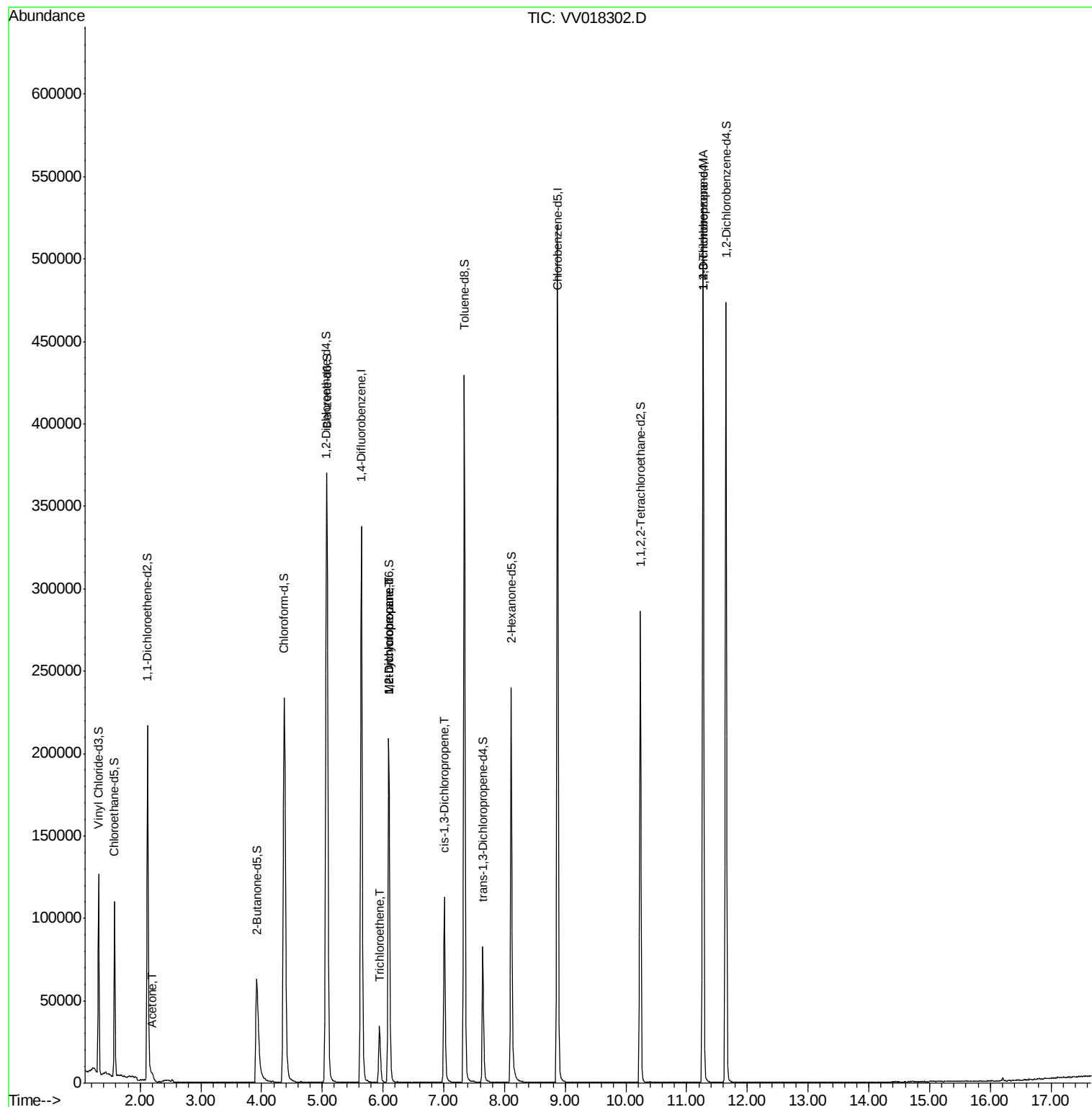
					Ovalue
13) Acetone	2.20	43	6877	6.029 ug/L	63
34) Trichloroethene	5.95	95	11257	5.165 ug/L	96
35) Methylcyclohexane	6.09	83	24567	7.487 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	10715	5.054 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2712	0.830 ug/L #	71
59) 1,2,3-Trichloropropane	11.27	75	15200	6.096 ug/L	91

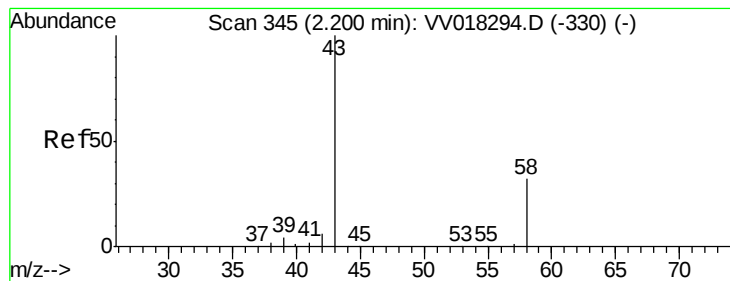
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 18 08:05:39 2020
Response via : Initial Calibration





#13

Acetone

Concen: 6.029 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.00 min

Lab File: VV018302.D

Acq: 18 Sep 2020 00:23

Instrument :

MSVOA_V

ClientSampleId :

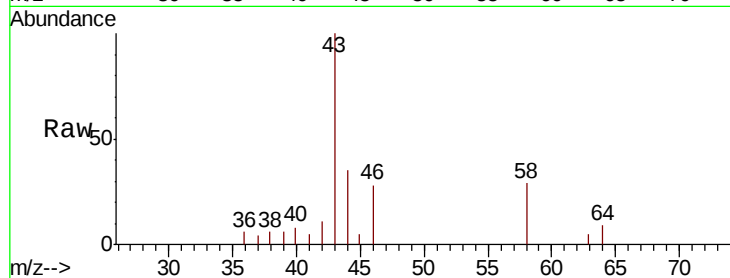
C0AG2

Tot Ion: 43 Resp: 6877

Ion Ratio Lower Upper

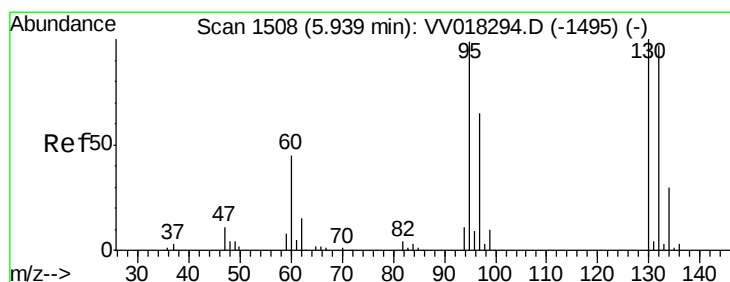
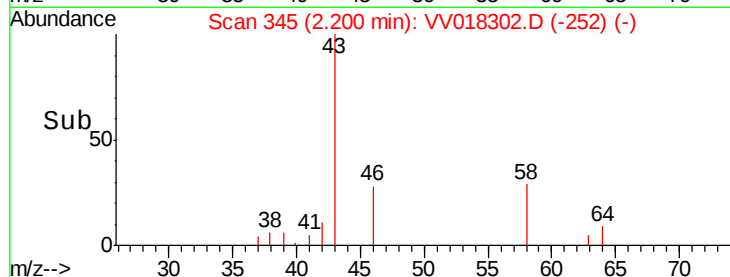
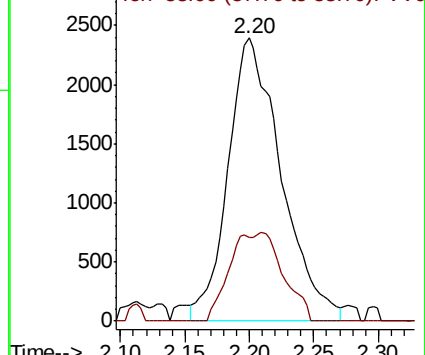
43 100

58 12.8 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VV018294.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV018294.D (-330) (-)



#34

Trichloroethene

Concen: 5.165 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV018302.D

Acq: 18 Sep 2020 00:23

Tgt Ion: 95 Resp: 11257

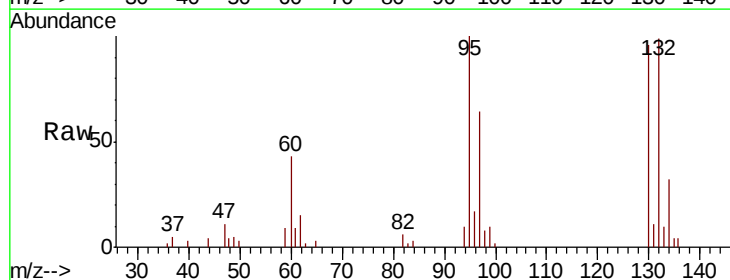
Ion Ratio Lower Upper

95 100

97 64.0 46.3 85.9

132 99.0 68.1 126.5

130 96.0 71.5 132.9

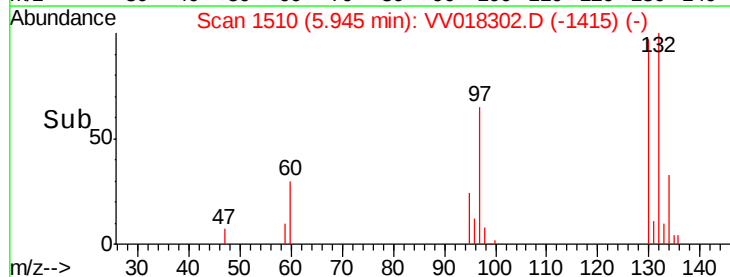
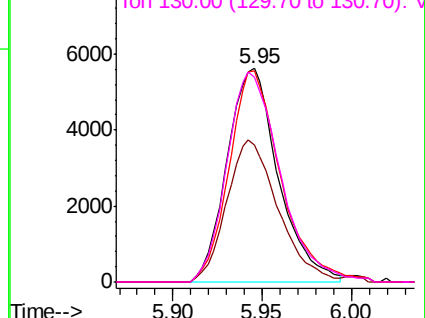


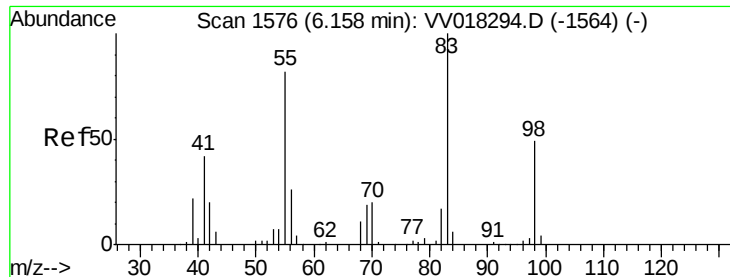
Abundance Ion 95.00 (94.70 to 95.70): VV018294.D (-1495) (-)

Ion 97.00 (96.70 to 97.70): VV018294.D (-1495) (-)

Ion 132.00 (131.70 to 132.70): VV018294.D (-1495) (-)

Ion 130.00 (129.70 to 130.70): VV018294.D (-1495) (-)

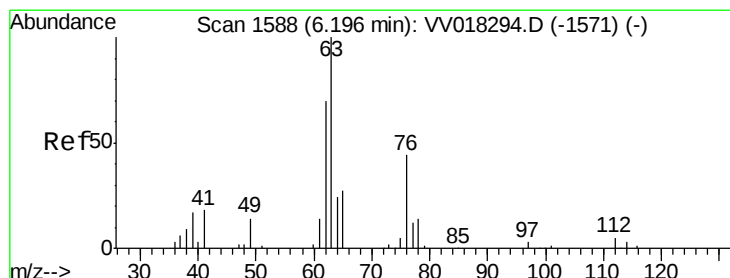
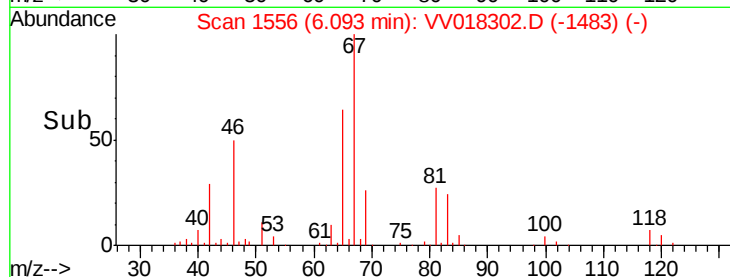
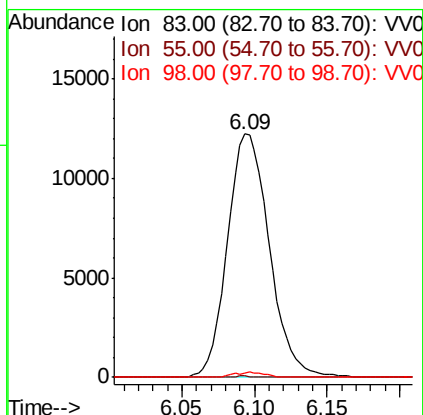
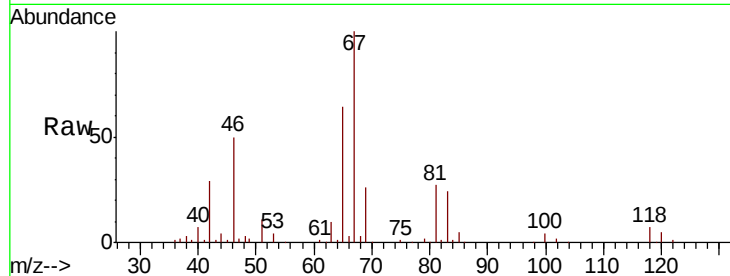




#35
Methvlcvclohexane
Concen: 7.487 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018302.D
Acq: 18 Sep 2020 00:23

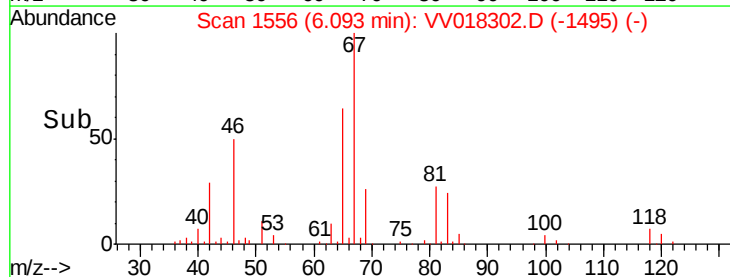
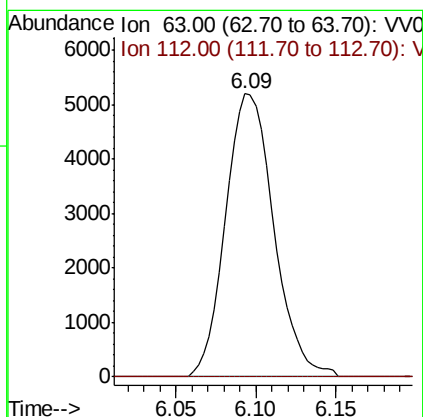
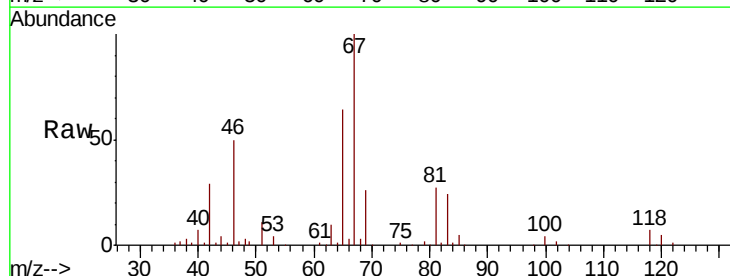
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C0AG2

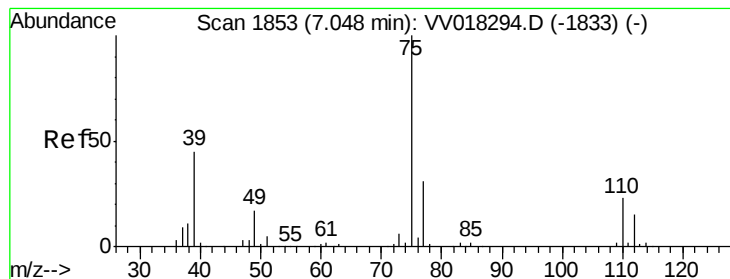
Tot Ion: 83 Resp: 24567
Ion Ratio Lower Upper
83 100
55 0.2 63.4 95.2#
98 1.5 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 5.054 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV018302.D
Acq: 18 Sep 2020 00:23

Tgt Ion: 63 Resp: 10715
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



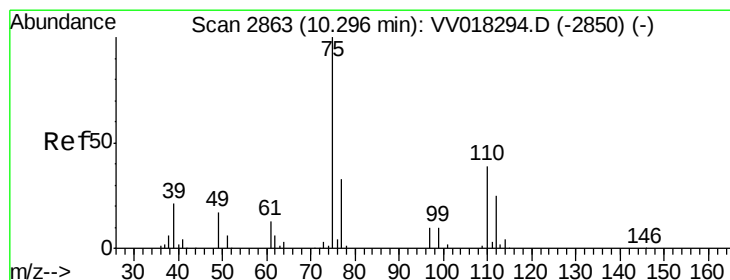
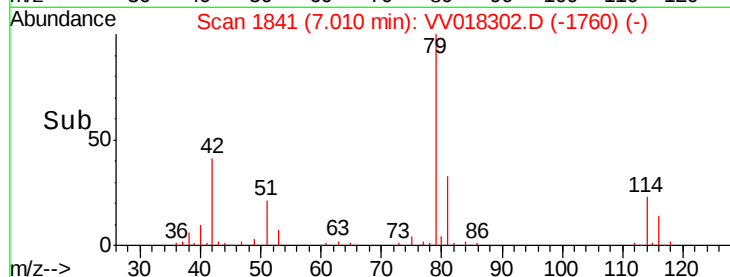
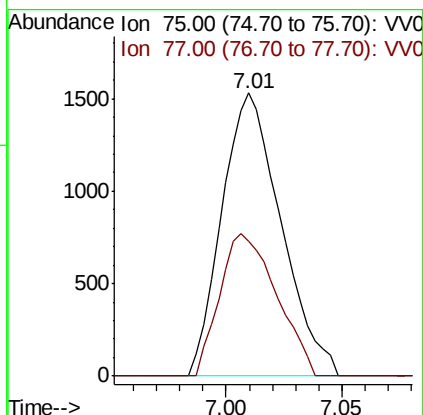
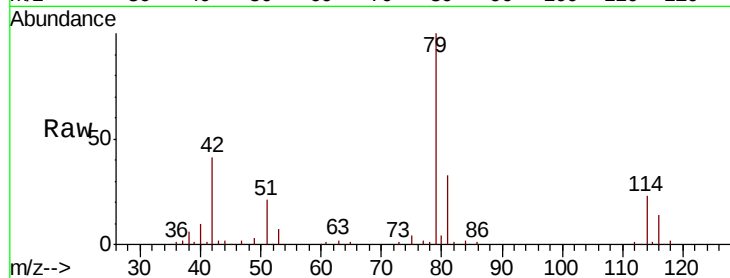


#39

cis-1,3-Dichloropropene
 Concen: 0.830 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018302.D
 Acq: 18 Sep 2020 00:23

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AG2

Tot Ion: 75 Resp: 2712
 Ion Ratio Lower Upper
 75 100
 77 47.7 22.3 41.3#



#59

1,2,3-Trichloropropane
 Concen: 6.096 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.97 min
 Lab File: VV018302.D
 Acq: 18 Sep 2020 00:23

Tgt Ion: 75 Resp: 15200
 Ion Ratio Lower Upper
 75 100
 77 37.3 25.8 38.6

