

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
 Data File : VV018734.D
 Acq On : 07 Oct 2020 16:46
 Operator : SY/MD
 Sample : L4254-10DL 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 08 02:55:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 02:46:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	328832	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	273790	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	131246	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87216	45.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.44%
7) Chloroethane-d5	1.58	69	76282	47.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.68%
11) 1,1-Dichloroethene-d2	2.12	63	138766	35.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.62%
21) 2-Butanone-d5	3.92	46	116032	80.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.66%
24) Chloroform-d	4.38	84	181020	43.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.82%
26) 1,2-Dichloroethane-d4	5.06	65	129363	48.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.72%
32) Benzene-d6	5.07	84	389016	56.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.18%
36) 1,2-Dichloropropane-d6	6.09	67	112171	53.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.06%
41) Toluene-d8	7.34	98	284935	43.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.34%
43) trans-1,3-Dichloropropene-	7.64	79	48089	42.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.96%
47) 2-Hexanone-d5	8.11	63	56853	71.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.43%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	111759	40.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.46%
64) 1,2-Dichlorobenzene-d4	11.65	152	120461	47.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.46%

Target Compounds

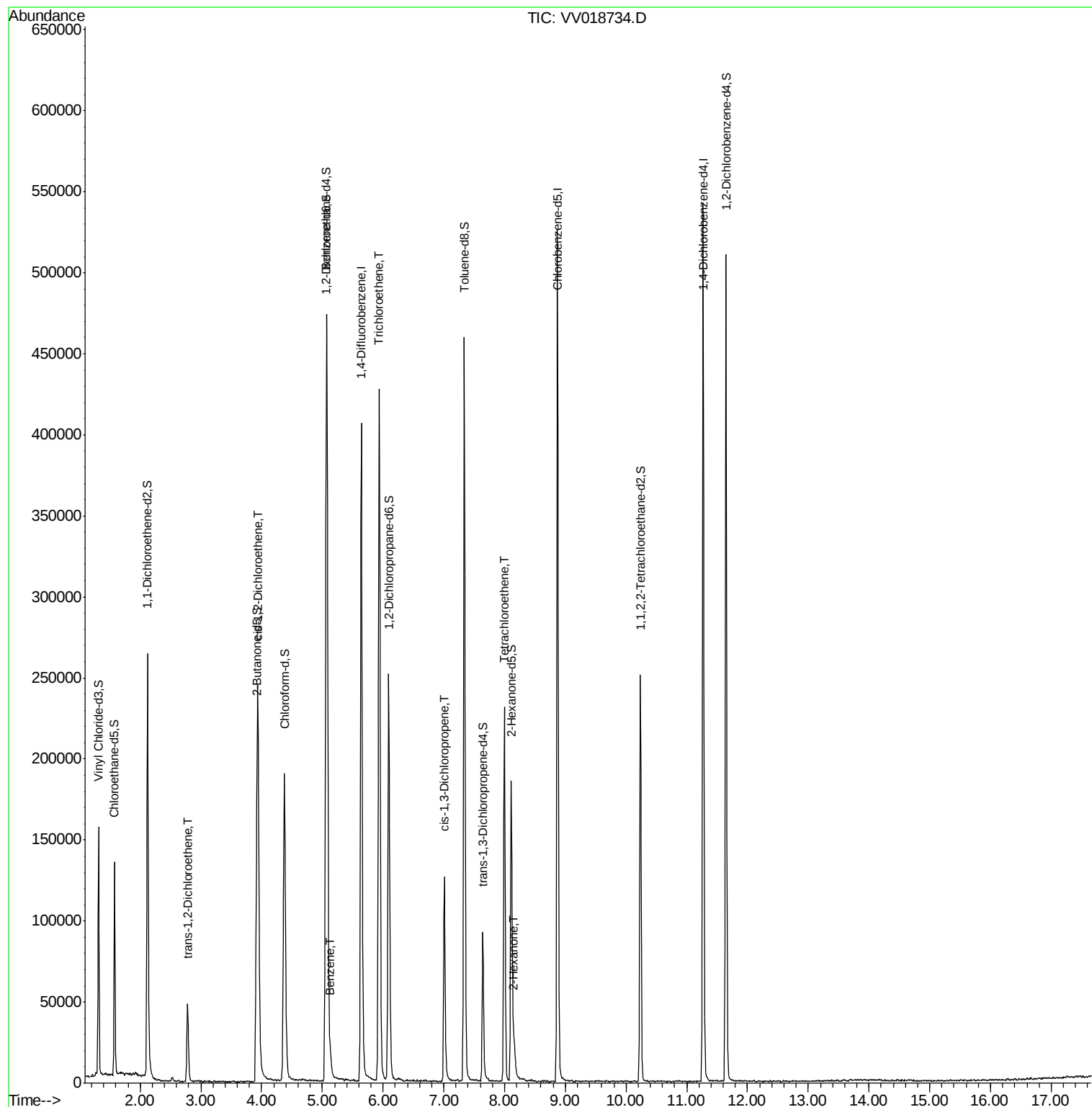
					Ovalue
17) trans-1,2-Dichloroethene	2.78	96	17918	7.628 ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	115731	46.361 ug/L	96
33) Benzene	5.13	78	13057	1.623 ug/L	100
34) Trichloroethene	5.94	95	138556	59.334 ug/L	96
39) cis-1,3-Dichloropropene	7.01	75	3546	1.095 ug/L	83
46) Tetrachloroethene	8.00	164	48870	25.796 ug/L	95
48) 2-Hexanone	8.16	43	12423	5.979 ug/L #	75

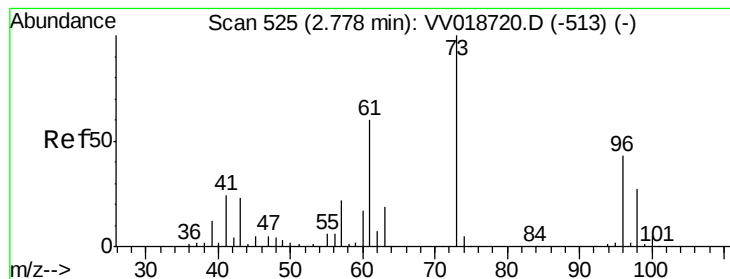
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 08 02:46:20 2020
Response via : Initial Calibration





#17

trans-1,2-Dichloroethene

Concen: 7.628 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

Lab File: VV018734.D

Acq: 07 Oct 2020 16:46

Instrument :
MSVOA_V
ClientSampled :

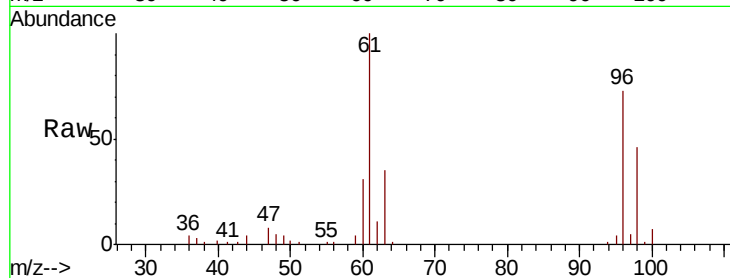
Tot Ion: 96 Resp: 17918

Ion Ratio Lower Upper

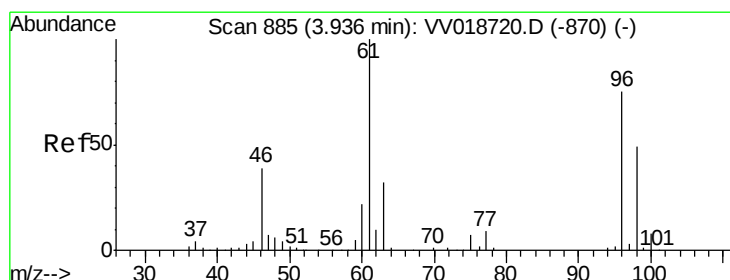
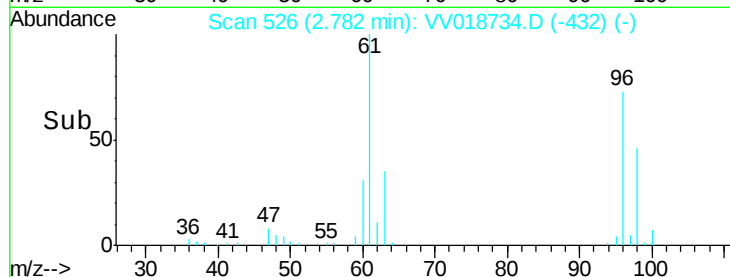
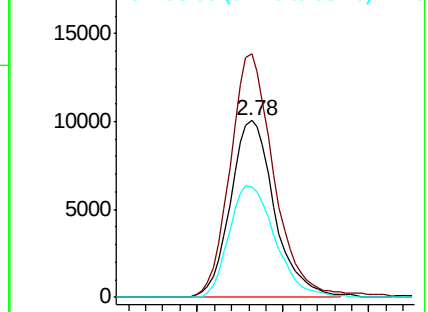
96 100

61 137.7 95.0 176.4

98 62.7 44.6 82.8



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



#20

cis-1,2-Dichloroethene

Concen: 46.361 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV018734.D

Acq: 07 Oct 2020 16:46

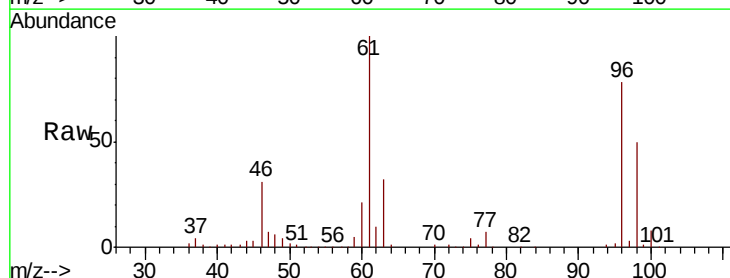
Tgt Ion: 96 Resp: 115731

Ion Ratio Lower Upper

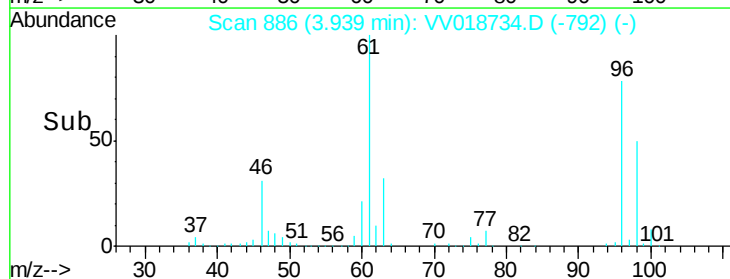
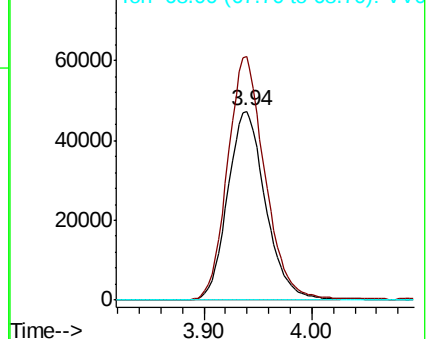
96 100

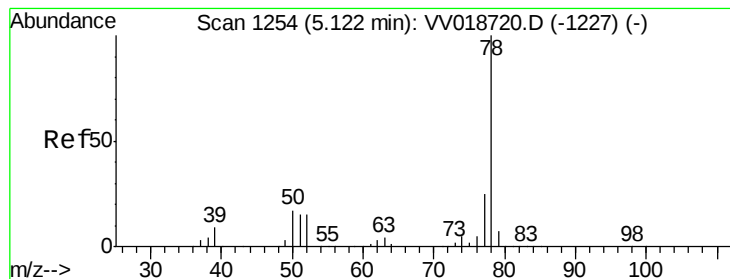
61 128.7 86.8 161.2

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0





#33

Benzene

Concen: 1.623 ug/L

RT: 5.13 min Scan# 1257

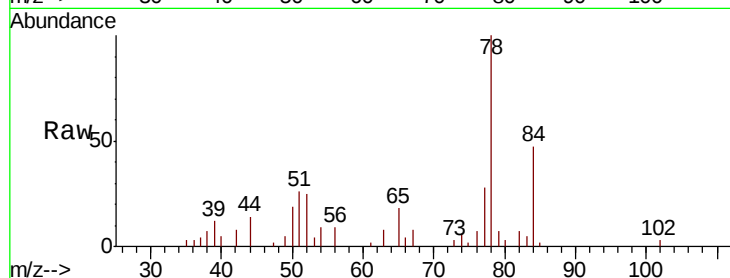
Delta R.T. 0.01 min

Lab File: VV018734.D

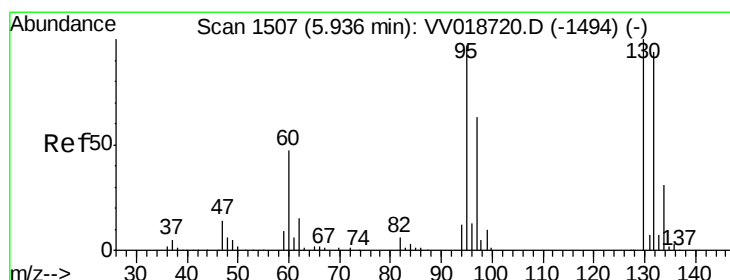
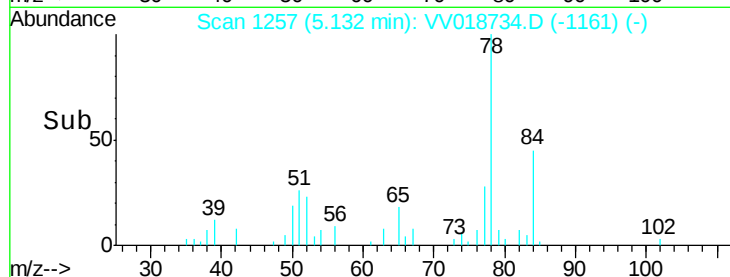
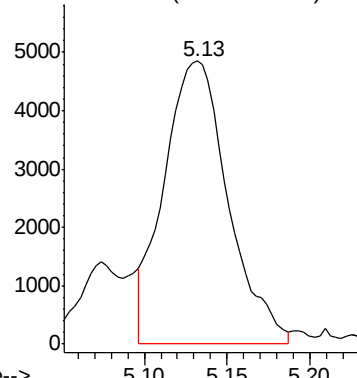
Acq: 07 Oct 2020 16:46

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 78 Resp: 13057



Abundance Ion 78.00 (77.70 to 78.70): VV0



#34

Trichloroethene

Concen: 59.334 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. 0.00 min

Lab File: VV018734.D

Acq: 07 Oct 2020 16:46

Tgt Ion: 95 Resp: 138556

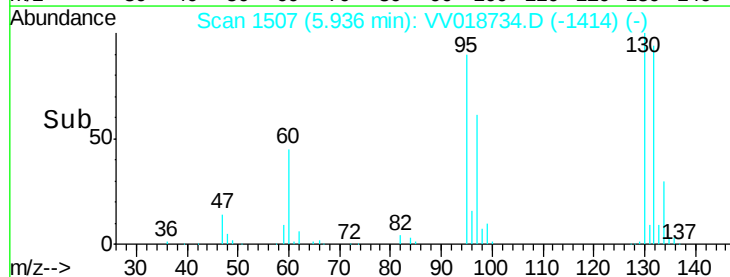
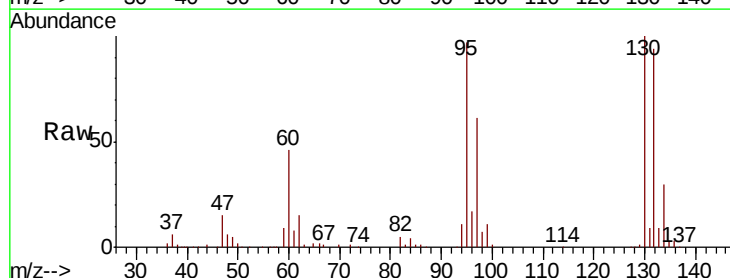
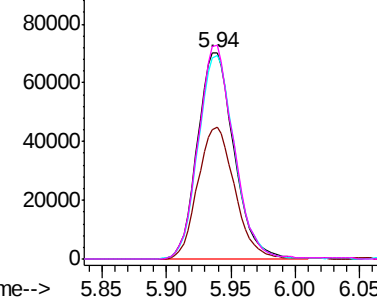
Ion	Ratio	Lower	Upper
95	100		
97	62.7	45.9	85.3
132	97.3	70.8	131.4
130	103.1	75.3	139.8

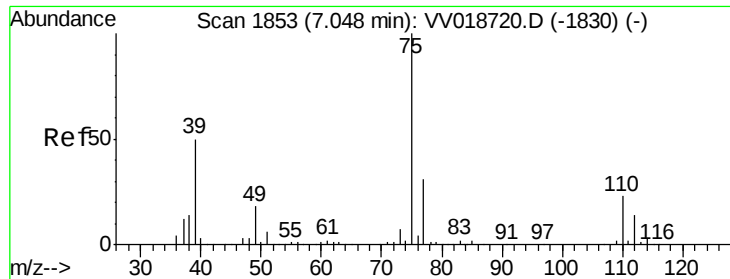
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0

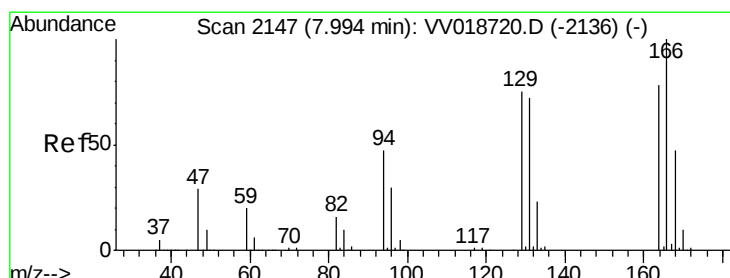
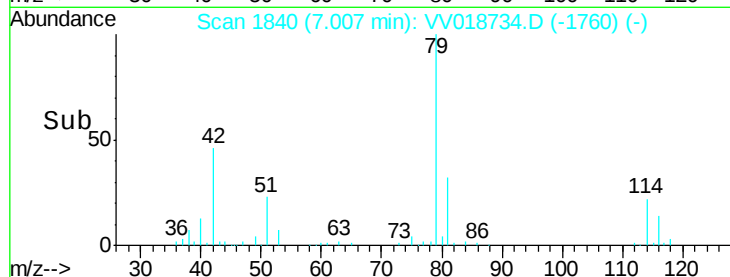
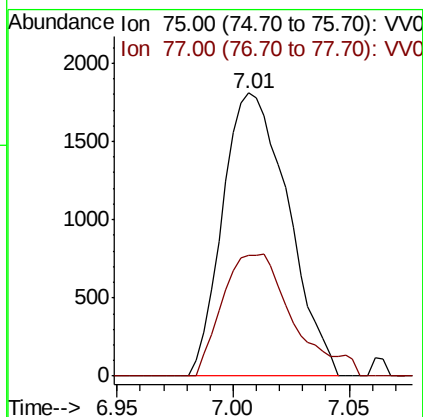
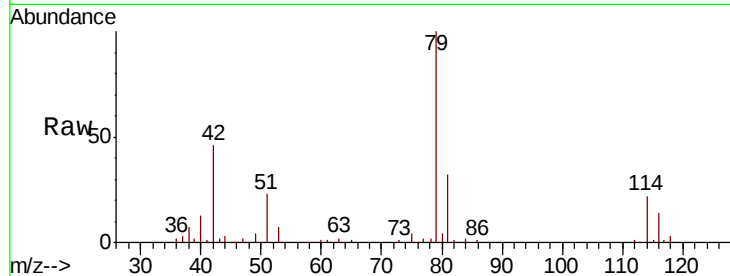




#39
 cis-1,3-Dichloropropene
 Concen: 1.095 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018734.D
 Acq: 07 Oct 2020 16:46

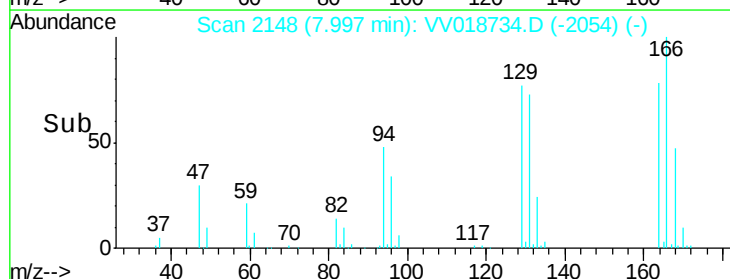
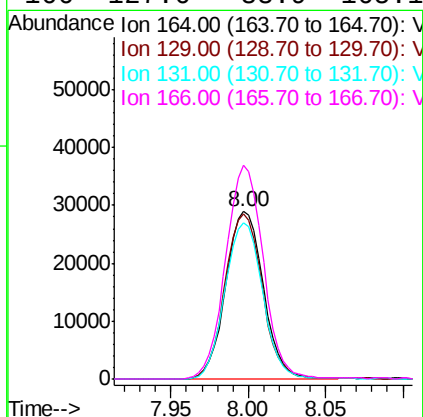
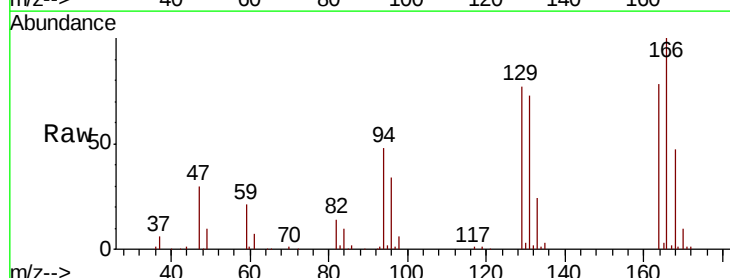
Instrument :
 MSVOA_V
 ClientSampleId :

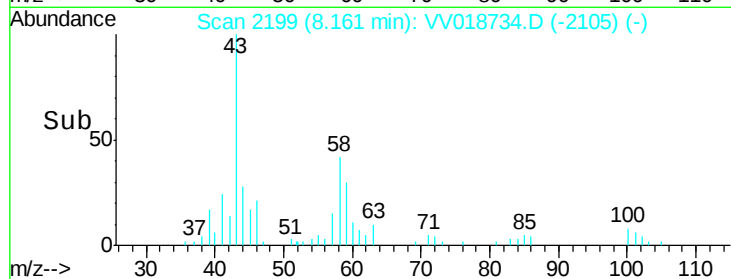
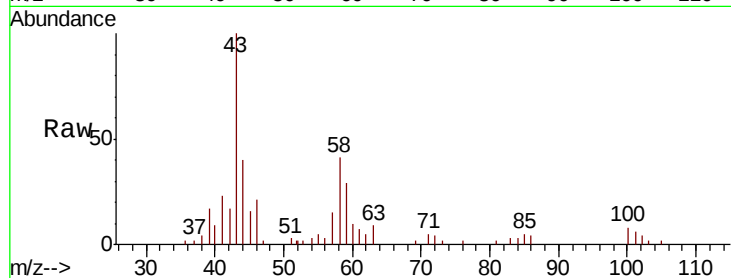
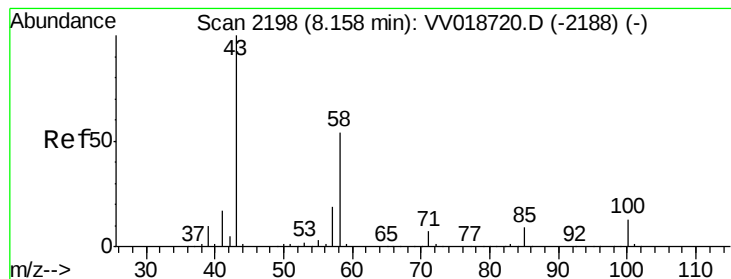
Tot Ion: 75 Resp: 3546
 Ion Ratio Lower Upper
 75 100
 77 42.5 23.0 42.6



#46
 Tetrachloroethene
 Concen: 25.796 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV018734.D
 Acq: 07 Oct 2020 16:46

Tgt Ion: 164 Resp: 48870
 Ion Ratio Lower Upper
 164 100
 129 98.4 62.8 116.6
 131 93.5 60.8 112.8
 166 127.6 88.9 165.1





#48

2-Hexanone

Concen: 5.979 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VV018734.D

Acq: 07 Oct 2020 16:46

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 12423

Ion Ratio Lower Upper

43 100

58 35.1 45.1 67.7#

57 12.4 15.7 23.5#

100 6.3 11.0 16.4#

