

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081420\
 Data File : VV018004.D
 Acq On : 14 Aug 2020 18:12
 Operator : SY/MD
 Sample : L3665-06DL 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L35DL

Quant Time: Aug 17 01:38:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 17 01:31:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	250448	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	246762	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	117210	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	62249	32.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.16%
7) Chloroethane-d5	1.58	69	57291	36.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.30%
11) 1,1-Dichloroethene-d2	2.12	63	101271	27.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.42%#
21) 2-Butanone-d5	3.90	46	118493	94.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.68%
24) Chloroform-d	4.38	84	146818	42.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.42%
26) 1,2-Dichloroethane-d4	5.06	65	100335	44.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.82%
32) Benzene-d6	5.07	84	275774	40.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.10%
36) 1,2-Dichloropropane-d6	6.09	67	95140	42.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.58%
41) Toluene-d8	7.34	98	238070	38.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.86%#
43) trans-1,3-Dichloropropene-	7.64	79	40451	40.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.22%
47) 2-Hexanone-d5	8.11	63	57882	81.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.13%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	129155	44.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.22%
64) 1,2-Dichlorobenzene-d4	11.65	152	109819	47.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.22%

Target Compounds

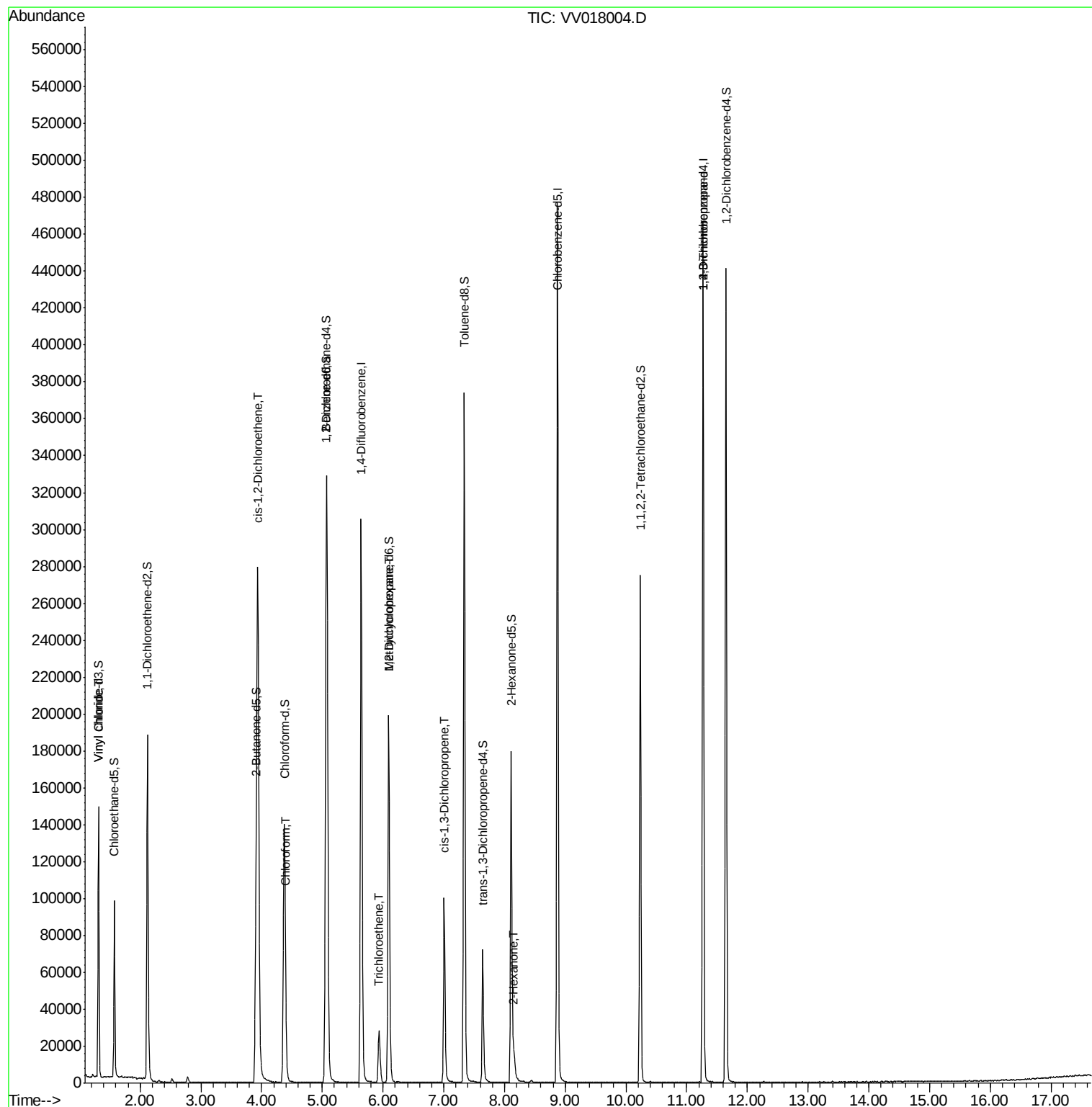
					Ovalue
5) Vinyl chloride	1.32	62	30792	13.837	ug/L 94
20) cis-1,2-Dichloroethene	3.94	96	143731	75.738	ug/L 99
25) Chloroform	4.40	83	3614	1.020	ug/L 89
34) Trichloroethene	5.94	95	6282	3.113	ug/L 95
35) Methylcyclohexane	6.09	83	23337	7.777	ug/L # 17
39) cis-1,3-Dichloropropene	7.01	75	2438	0.826	ug/L # 70
48) 2-Hexanone	8.16	43	7807	3.557	ug/L # 69
59) 1,2,3-Trichloropropane	11.27	75	14206	5.525	ug/L 95

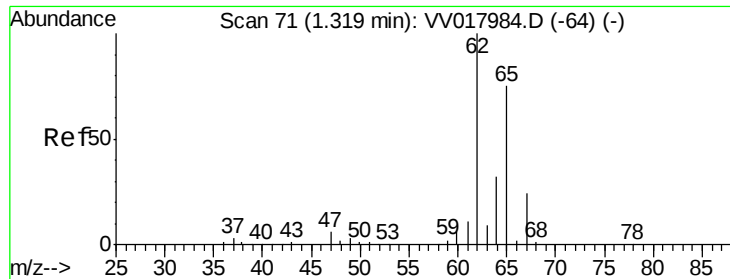
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 17 01:31:40 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 13.837 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV018004.D

Acq: 14 Aug 2020 18:12

Instrument :

MSVOA_V

ClientSampleId :

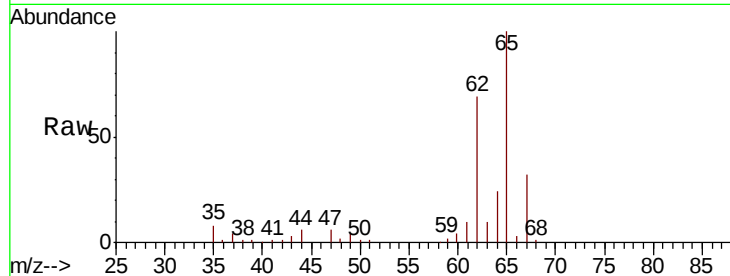
F4L35DL

Tot Ion: 62 Resp: 30792

Ion Ratio Lower Upper

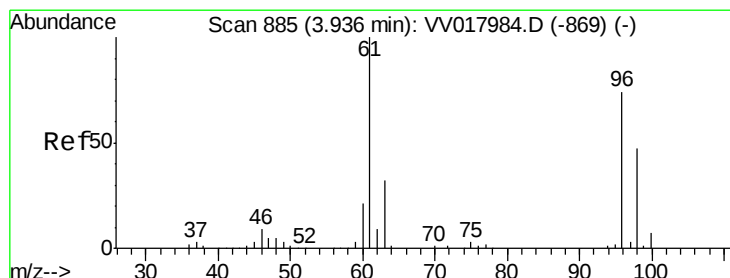
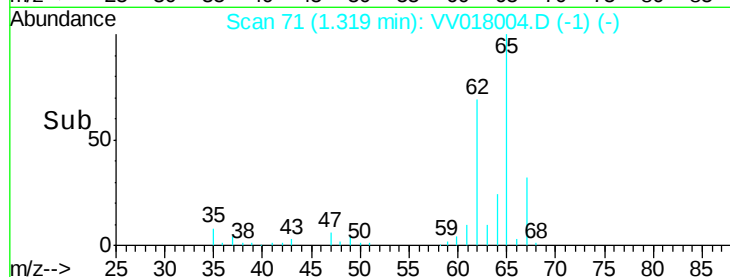
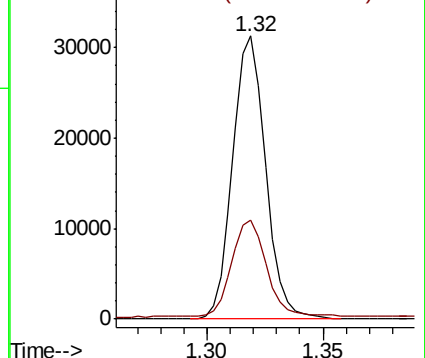
62 100

64 35.1 22.4 41.6



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 75.738 ug/L

RT: 3.94 min Scan# 885

Delta R.T. 0.00 min

Lab File: VV018004.D

Acq: 14 Aug 2020 18:12

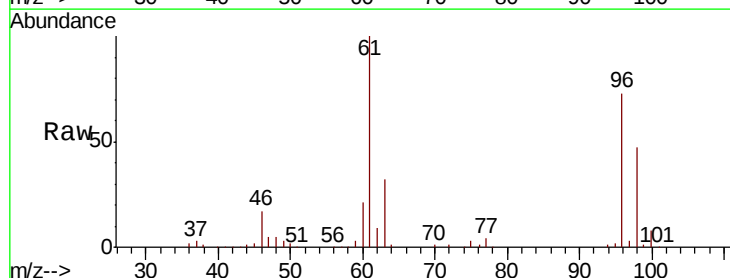
Tgt Ion: 96 Resp: 143731

Ion Ratio Lower Upper

96 100

61 137.1 95.0 176.4

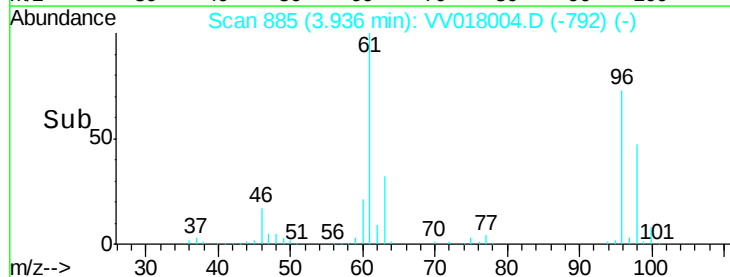
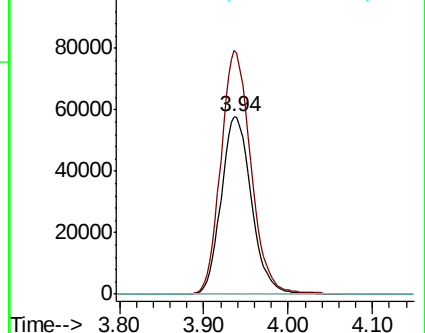
68 0.0 0.0 0.0

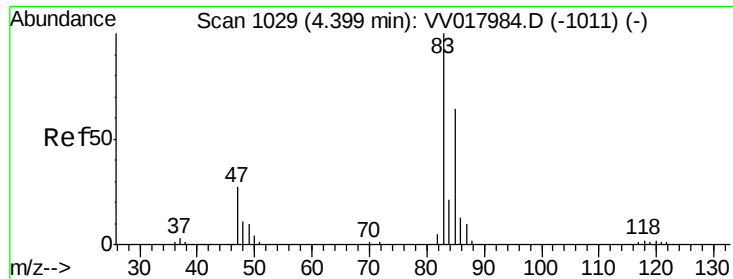


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0

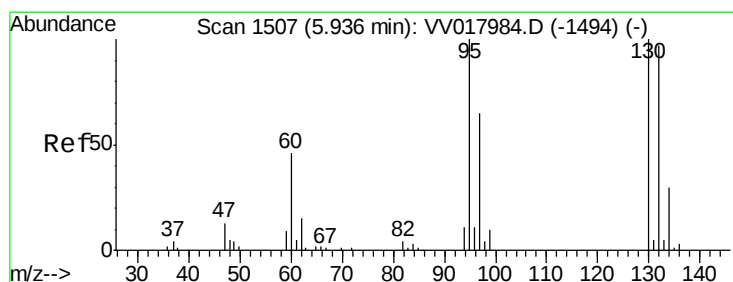
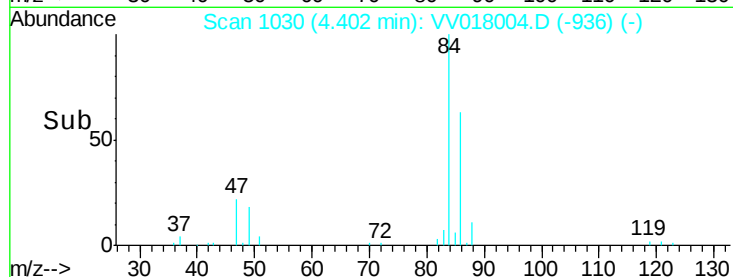
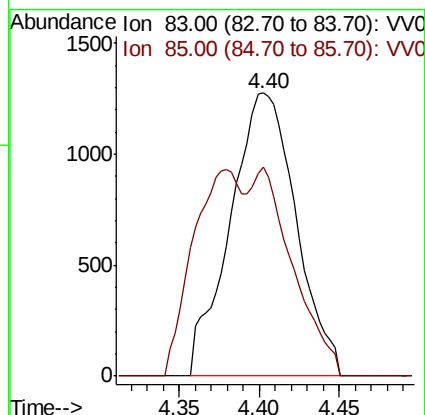
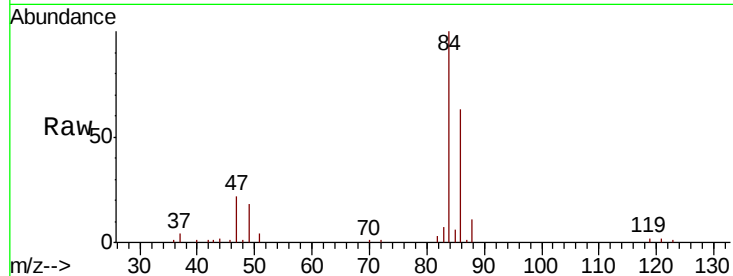




#25
Chloroform
Concen: 1.020 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV018004.D
Acq: 14 Aug 2020 18:12

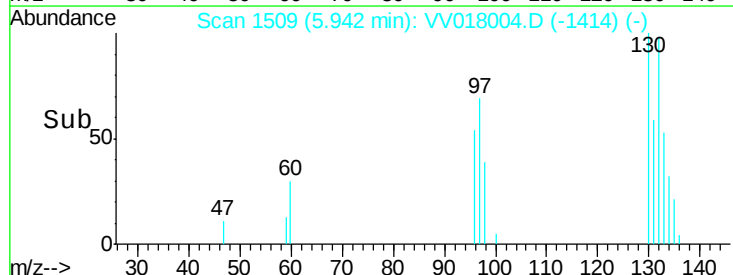
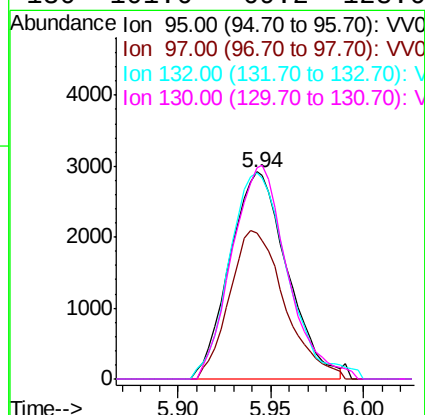
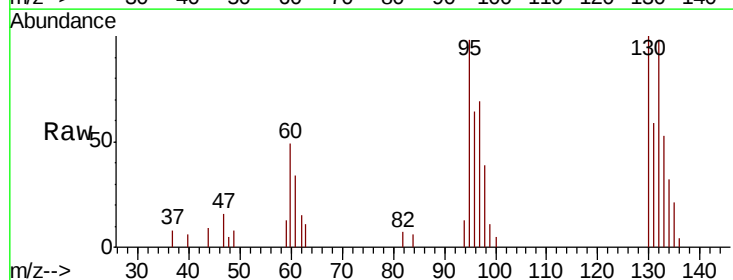
Instrument :
MSVOA_V
ClientSampled :
F4L35DL

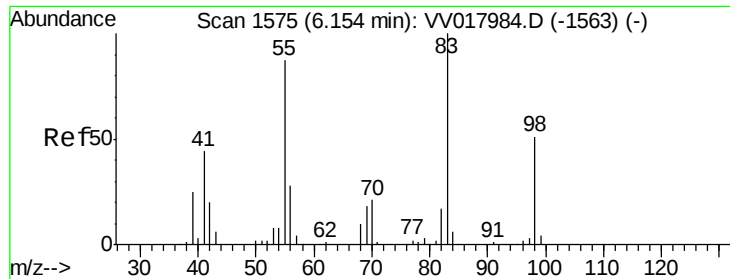
Tot Ion: 83 Resp: 3614
Ion Ratio Lower Upper
83 100
85 73.7 45.5 84.5



#34
Trichloroethene
Concen: 3.113 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV018004.D
Acq: 14 Aug 2020 18:12

Tgt Ion: 95 Resp: 6282
Ion Ratio Lower Upper
95 100
97 70.2 46.0 85.4
132 99.4 65.8 122.2
130 101.6 69.2 128.6

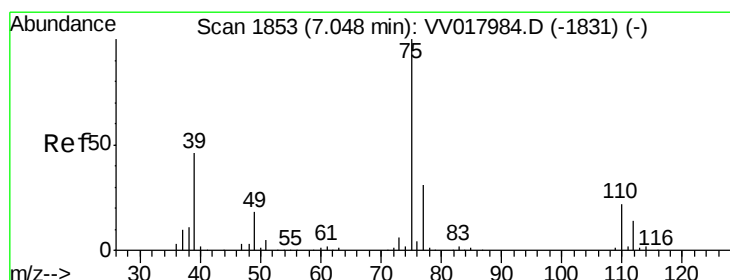
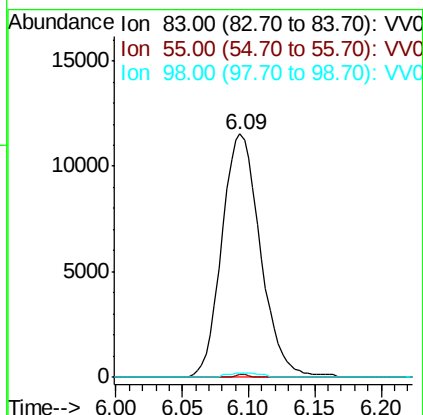
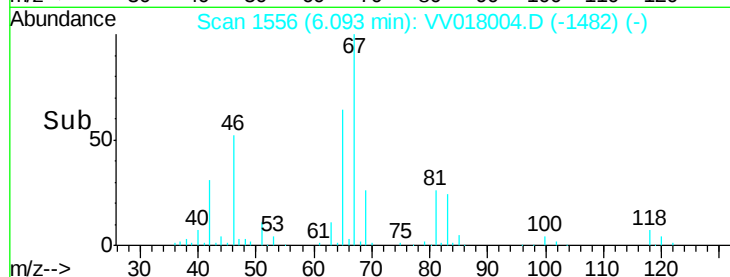
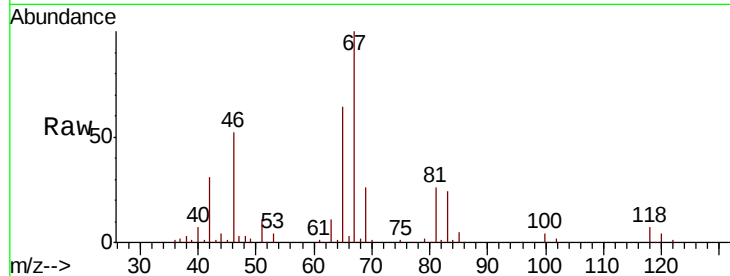




#35
Methvlcvclohexane
Concen: 7.777 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018004.D
Acq: 14 Aug 2020 18:12

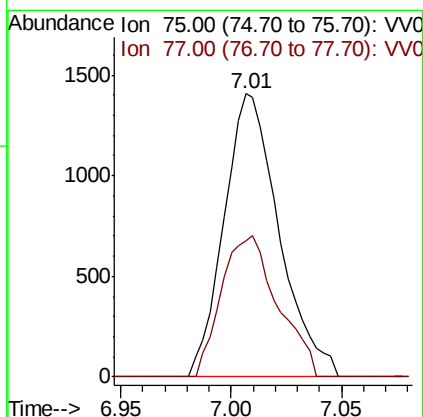
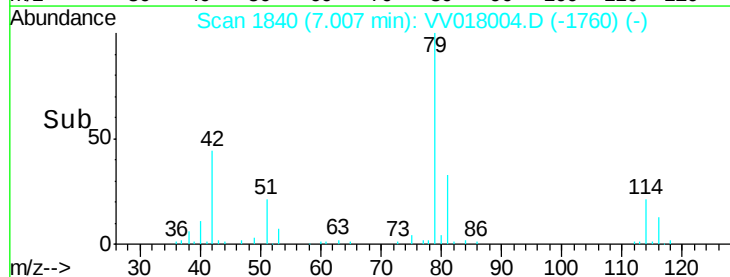
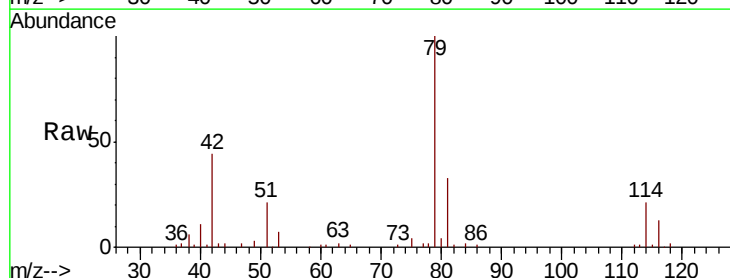
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ClientSampleId :
F4L35DL

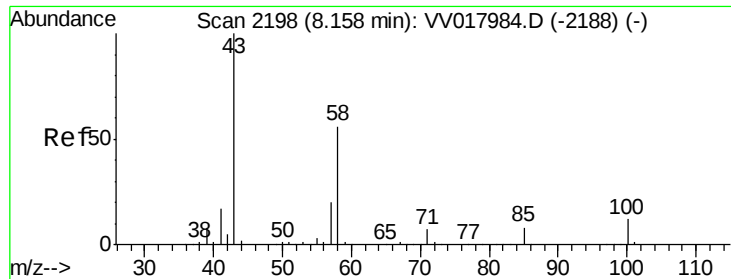
Tot Ion: 83 Resp: 23337
Ion Ratio Lower Upper
83 100
55 0.4 64.9 97.3#
98 1.6 38.7 58.1#



#39
cis-1,3-Dichloropropene
Concen: 0.826 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV018004.D
Acq: 14 Aug 2020 18:12

Tgt Ion: 75 Resp: 2438
Ion Ratio Lower Upper
75 100
77 48.3 22.3 41.5#

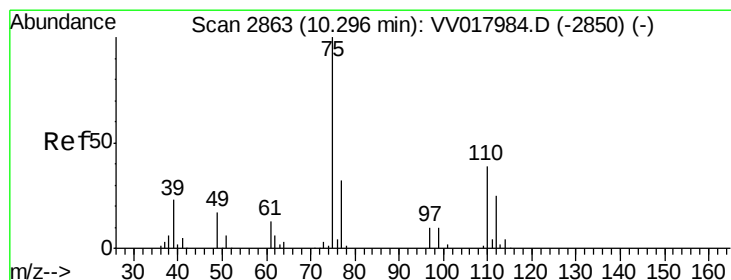
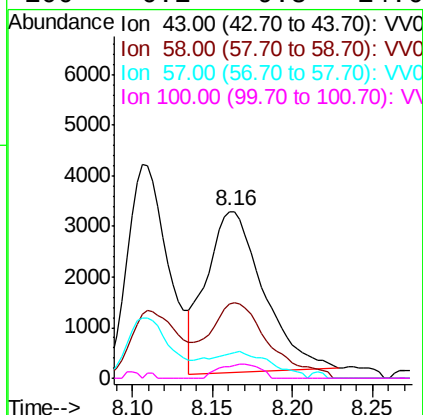
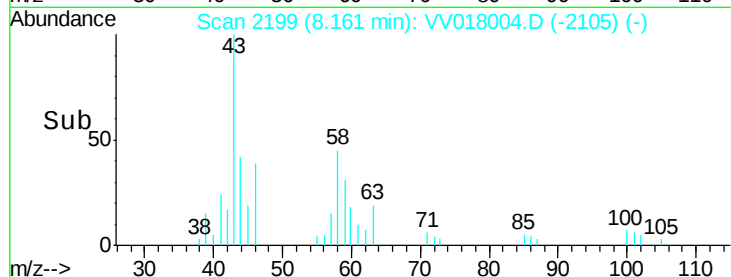
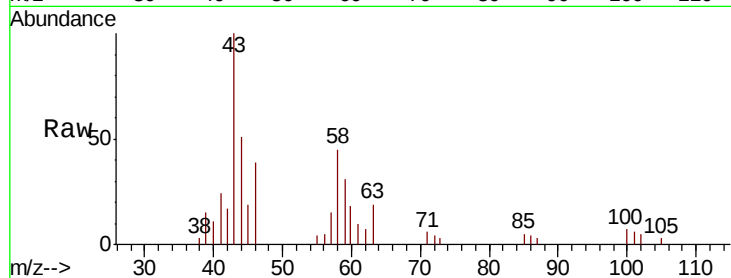




#48
 2-Hexanone
 Concen: 3.557 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VV018004.D
 Acq: 14 Aug 2020 18:12

Instrument :
 MSVOA_V
 ClientSampleID :
 F4L35DL

Tot Ion: 43 Resp: 7807
 Ion Ratio Lower Upper
 43 100
 58 33.6 44.4 66.6#
 57 0.0 15.2 22.8#
 100 6.1 9.8 14.6#



#59
 1,2,3-Trichloropropane
 Concen: 5.525 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.97 min
 Lab File: VV018004.D
 Acq: 14 Aug 2020 18:12

Tgt Ion: 75 Resp: 14206
 Ion Ratio Lower Upper
 75 100
 77 35.0 25.7 38.5

