

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081820\
 Data File : VV018053.D
 Acq On : 18 Aug 2020 15:50
 Operator : SY/MD
 Sample : L3709-10ME 20X
 Misc : 6.20g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 19 07:57:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 19 07:54:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	264471	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	258562	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	125944	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	91397	45.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.58%
7) Chloroethane-d5	1.58	69	78508	47.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.12%
11) 1,1-Dichloroethene-d2	2.12	63	137387	35.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.18%
21) 2-Butanone-d5	3.90	46	121167	91.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.68%
24) Chloroform-d	4.37	84	170226	46.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.68%
26) 1,2-Dichloroethane-d4	5.05	65	115364	48.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.70%
32) Benzene-d6	5.07	84	339289	47.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.22%
36) 1,2-Dichloropropane-d6	6.09	67	111232	47.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.50%
41) Toluene-d8	7.33	98	297451	46.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.84%
43) trans-1,3-Dichloropropene-	7.64	79	49564	46.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.82%
47) 2-Hexanone-d5	8.11	63	60206	80.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.53%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	131834	43.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.92%
64) 1,2-Dichlorobenzene-d4	11.65	152	125784	50.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.50%

Target Compounds

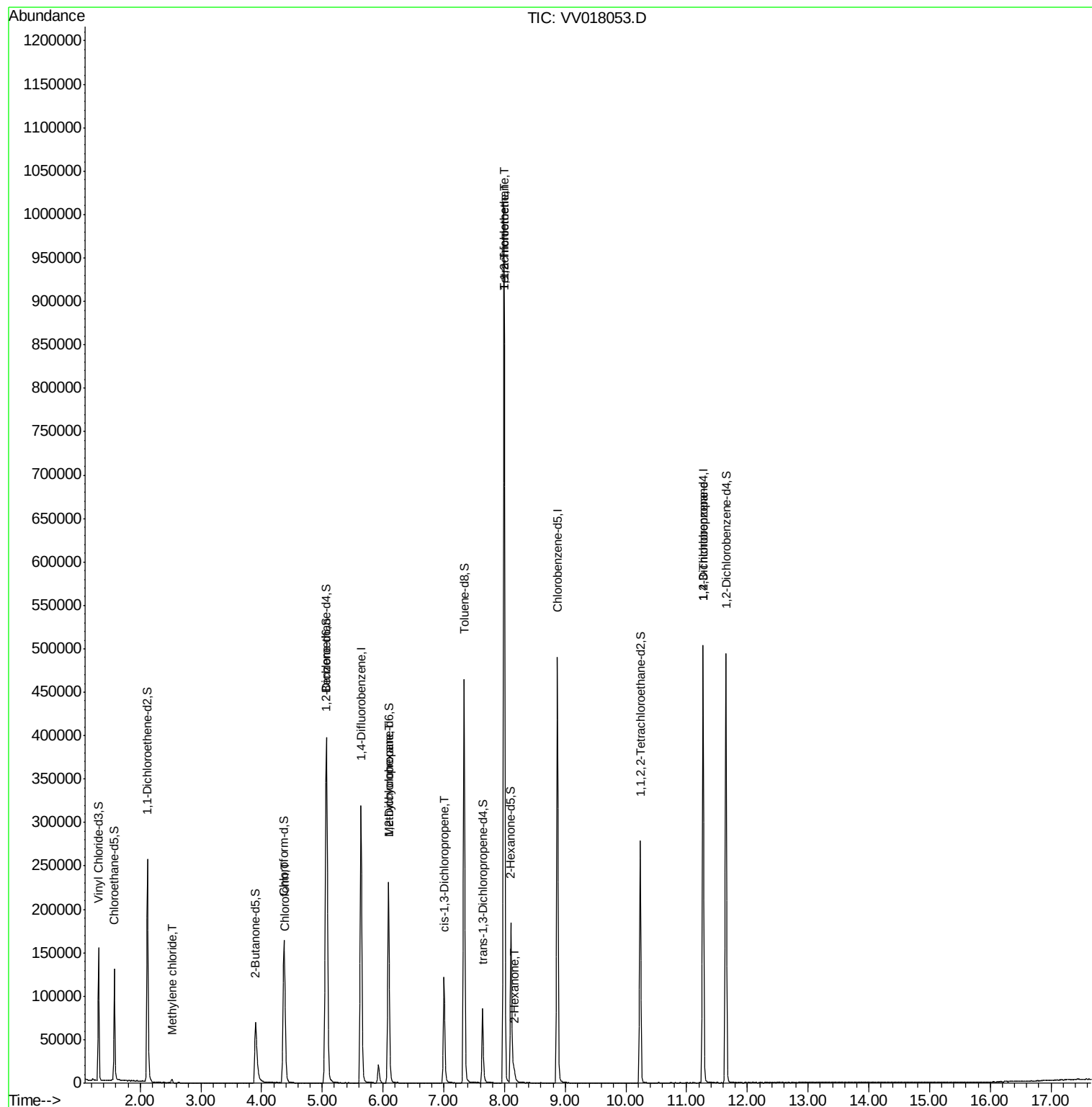
					Ovalue
16) Methylene chloride	2.52	84	1703	0.753 ug/L	91
25) Chloroform	4.39	83	3528	0.943 ug/L	92
35) Methylcyclohexane	6.09	83	26812	8.527 ug/L #	17
39) cis-1,3-Dichloropropene	7.00	75	2888	0.934 ug/L #	40
45) 1,1,2-Trichloroethane	7.99	97	1792	0.887 ug/L #	1
46) Tetrachloroethene	7.99	164	226053	145.769 ug/L	98
48) 2-Hexanone	8.16	43	8703	3.784 ug/L #	88
59) 1,2,3-Trichloropropane	11.27	75	15038	5.582 ug/L	91

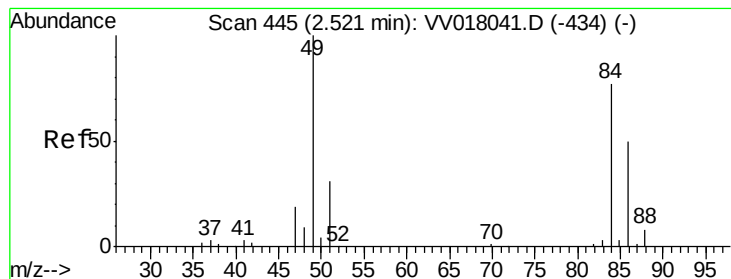
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Aug 19 07:54:18 2020
Response via : Initial Calibration





#16

Methvlene chloride

Concen: 0.753 ug/L

RT: 2.52 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV018053.D

Acq: 18 Aug 2020 15:50

Instrument :

MSVOA_V

ClientSampleId :

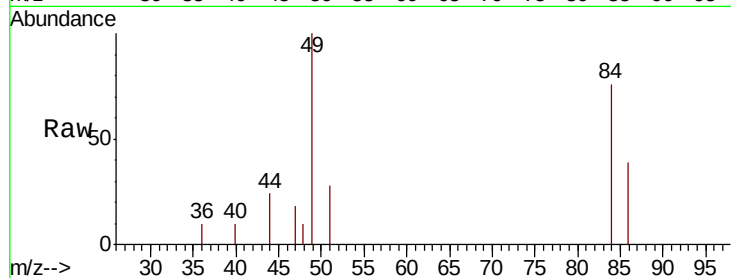
Tot Ion: 84 Resp: 1703

Ion Ratio Lower Upper

84 100

86 51.8 46.3 85.9

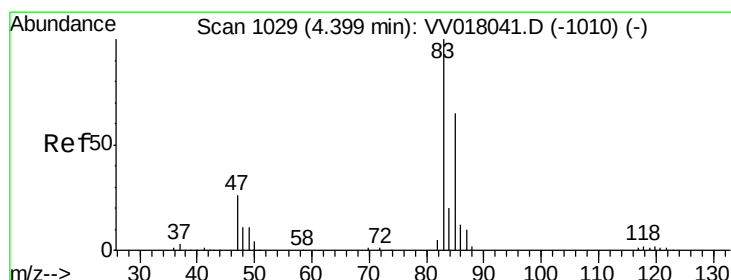
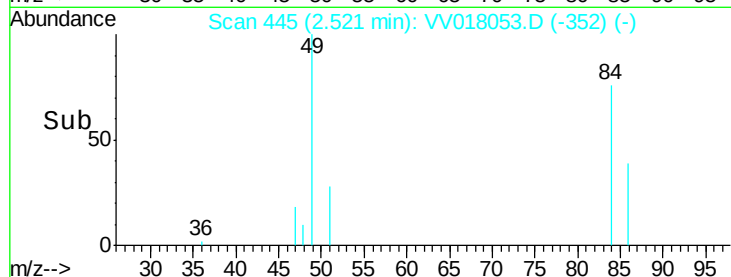
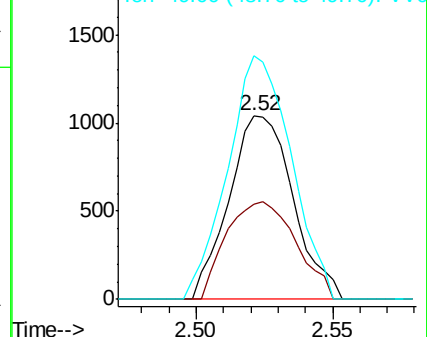
49 132.3 89.7 166.5



Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0



#25

Chloroform

Concen: 0.943 ug/L

RT: 4.39 min Scan# 1027

Delta R.T. -0.01 min

Lab File: VV018053.D

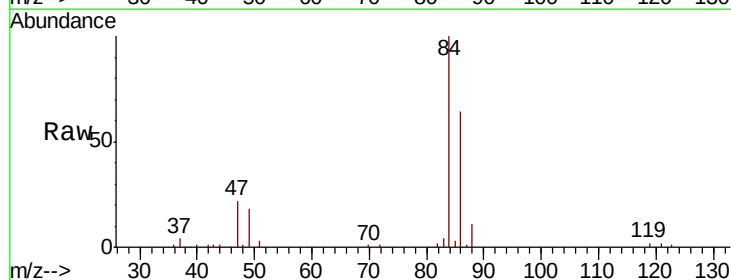
Acq: 18 Aug 2020 15:50

Tgt Ion: 83 Resp: 3528

Ion Ratio Lower Upper

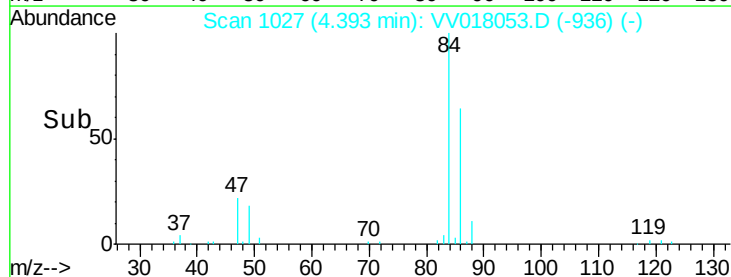
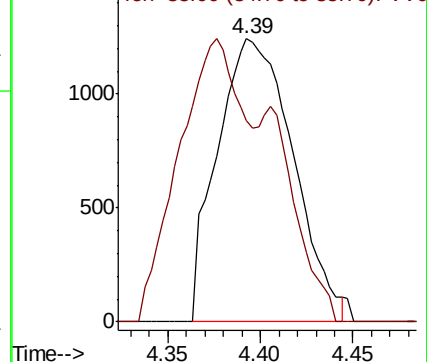
83 100

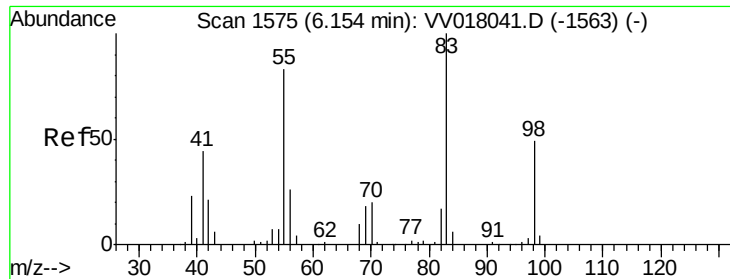
85 71.3 45.5 84.5



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

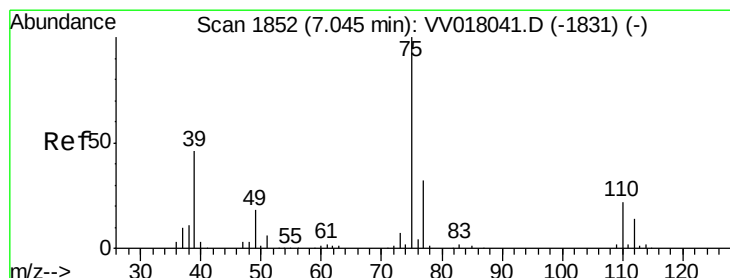
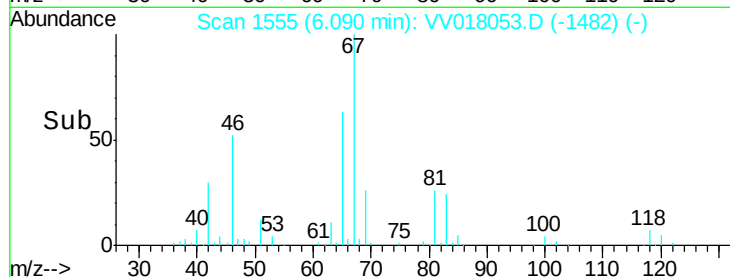
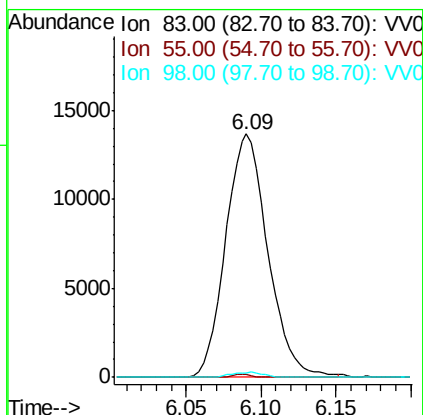
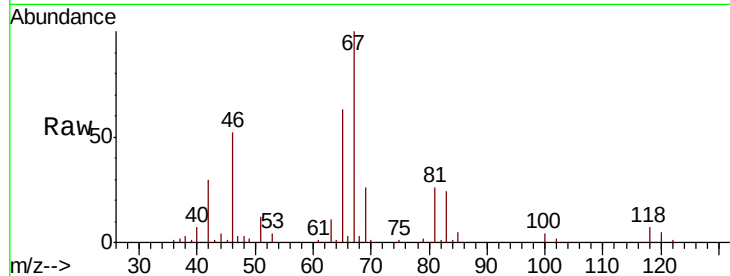




#35
Methylvlcyclohexane
Concen: 8.527 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.06 min
Lab File: VV018053.D
Acq: 18 Aug 2020 15:50

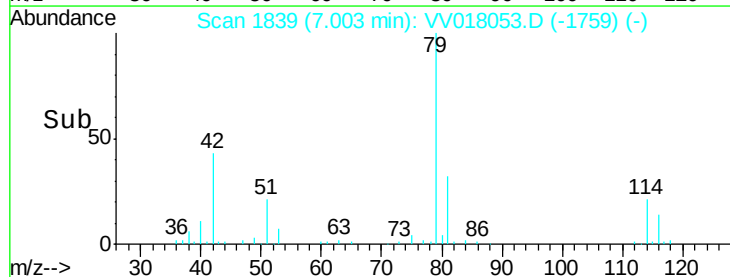
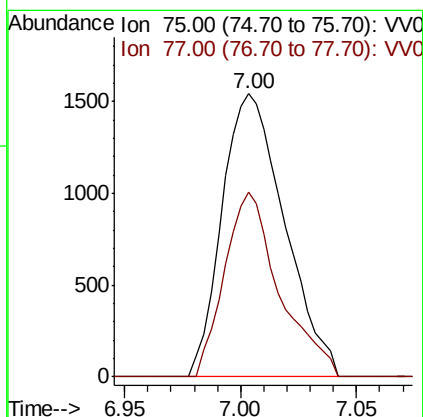
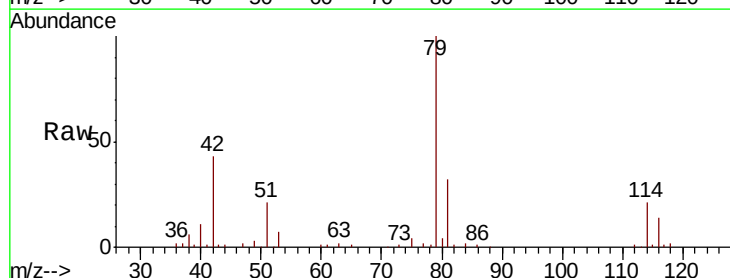
Instrument :
MSVOA_V
ClientSampleId :

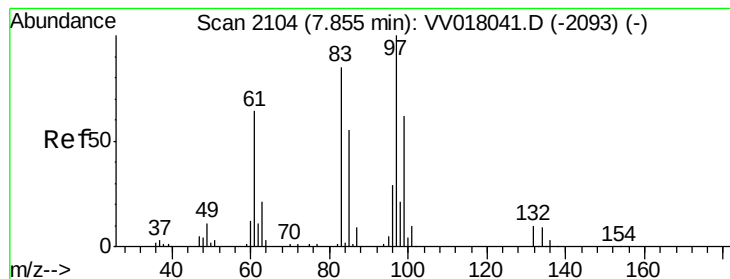
Tot Ion: 83 Resp: 26812
Ion Ratio Lower Upper
83 100
55 0.5 64.9 97.3#
98 1.6 38.7 58.1#



#39
cis-1,3-Dichloropropene
Concen: 0.934 ug/L
RT: 7.00 min Scan# 1839
Delta R.T. -0.04 min
Lab File: VV018053.D
Acq: 18 Aug 2020 15:50

Tgt Ion: 75 Resp: 2888
Ion Ratio Lower Upper
75 100
77 65.1 22.3 41.5#





#45

1,1,2-Trichloroethane

Concen: 0.887 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. 0.14 min

Lab File: VV018053.D

Acq: 18 Aug 2020 15:50

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 97 Resp: 1792

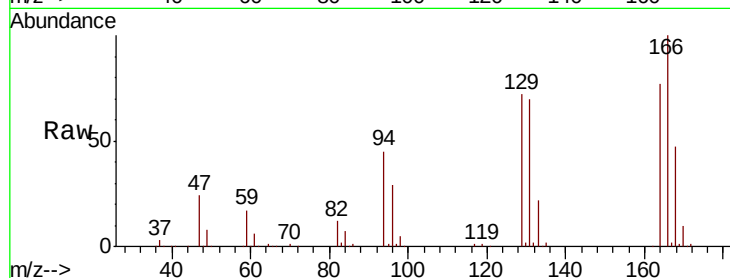
Ion Ratio Lower Upper

97 100

99 15.9 44.2 82.2#

83 273.4 61.0 113.4#

85 42.1 39.5 73.4

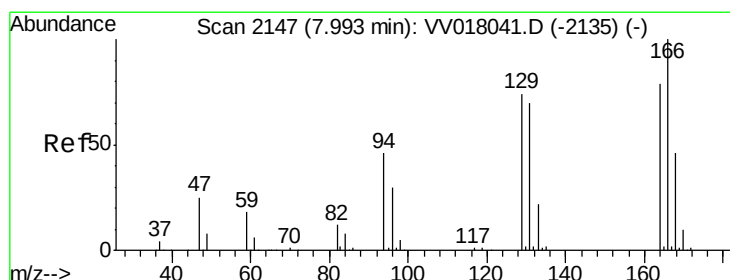
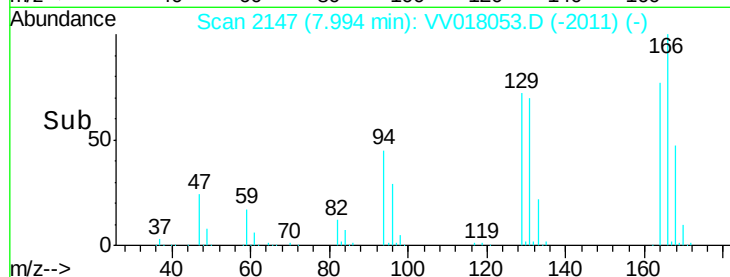
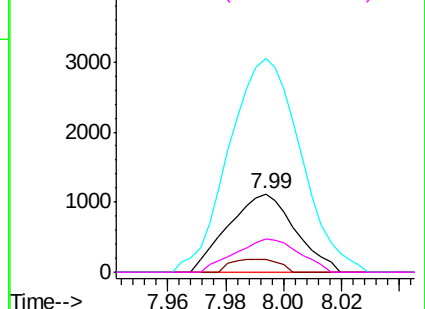


Abundance Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0



#46

Tetrachloroethene

Concen: 145.769 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. 0.00 min

Lab File: VV018053.D

Acq: 18 Aug 2020 15:50

Tgt Ion: 164 Resp: 226053

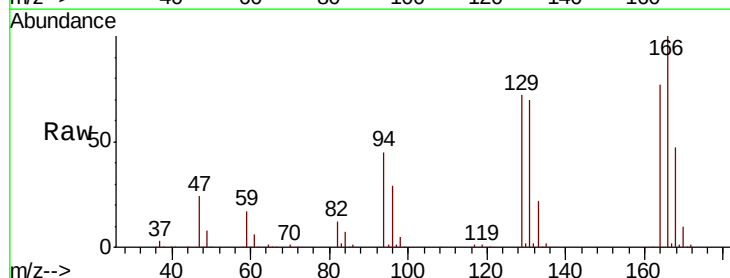
Ion Ratio Lower Upper

164 100

129 93.2 64.8 120.3

131 89.8 64.5 119.9

166 129.0 88.9 165.1

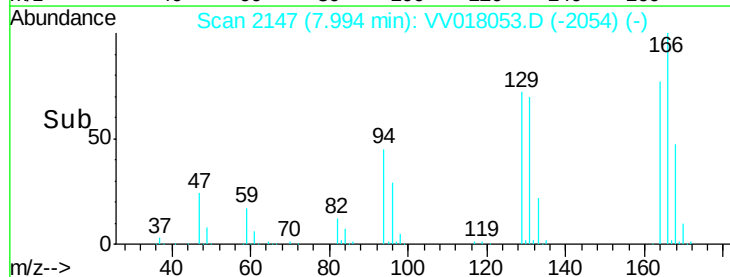
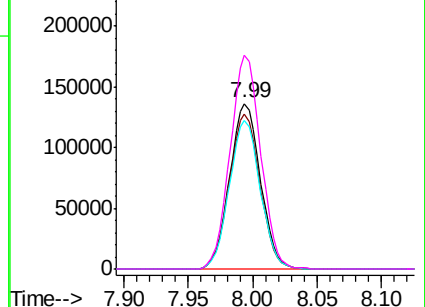


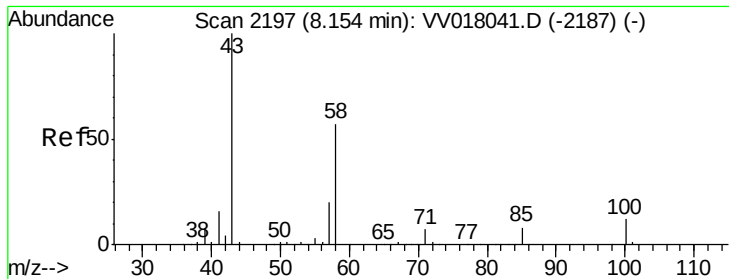
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

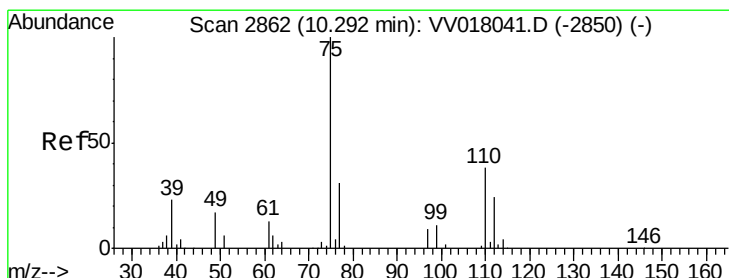
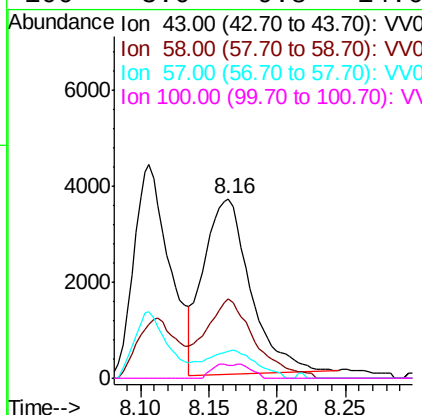
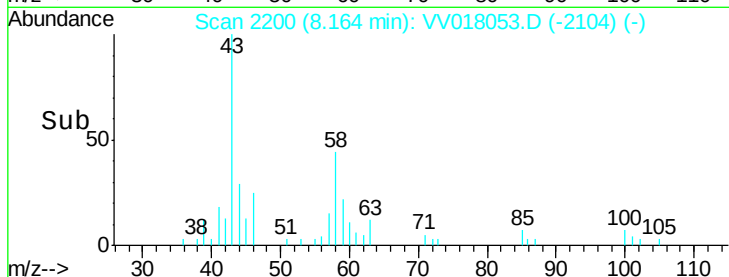
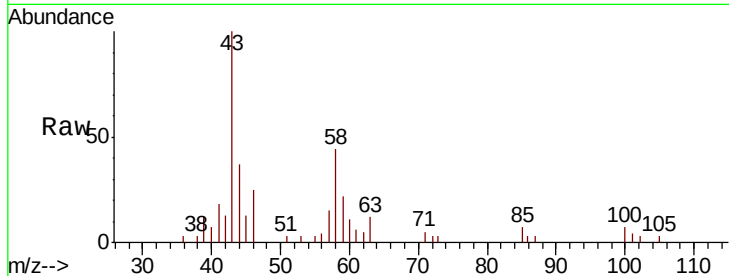




#48
 2-Hexanone
 Concen: 3.784 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV018053.D
 Acq: 18 Aug 2020 15:50

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 43 Resp: 8703
 Ion Ratio Lower Upper
 43 100
 58 47.1 44.4 66.6
 57 15.3 15.2 22.8
 100 3.0 9.8 14.6#



#59
 1,2,3-Trichloropropane
 Concen: 5.582 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018053.D
 Acq: 18 Aug 2020 15:50

Tgt Ion: 75 Resp: 15038
 Ion Ratio Lower Upper
 75 100
 77 37.2 25.7 38.5

