

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
 Data File : VV018723.D
 Acq On : 07 Oct 2020 12:10
 Operator : SY/MD
 Sample : L4203-08DL 50X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 08 02:53:47 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	312628	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	266764	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	128863	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85823	46.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.62%
7) Chloroethane-d5	1.58	69	75139	49.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.12%
11) 1,1-Dichloroethene-d2	2.12	63	135443	36.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.52%
21) 2-Butanone-d5	3.92	46	107584	78.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.66%
24) Chloroform-d	4.37	84	165198	41.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.34%
26) 1,2-Dichloroethane-d4	5.05	65	125381	49.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.64%
32) Benzene-d6	5.07	84	352454	52.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.32%
36) 1,2-Dichloropropane-d6	6.09	67	107493	52.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.30%
41) Toluene-d8	7.34	98	284761	44.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	7.64	79	47977	43.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.00%
47) 2-Hexanone-d5	8.11	63	58934	76.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.00%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	105333	38.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.82%
64) 1,2-Dichlorobenzene-d4	11.65	152	125083	50.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.94%

Target Compounds

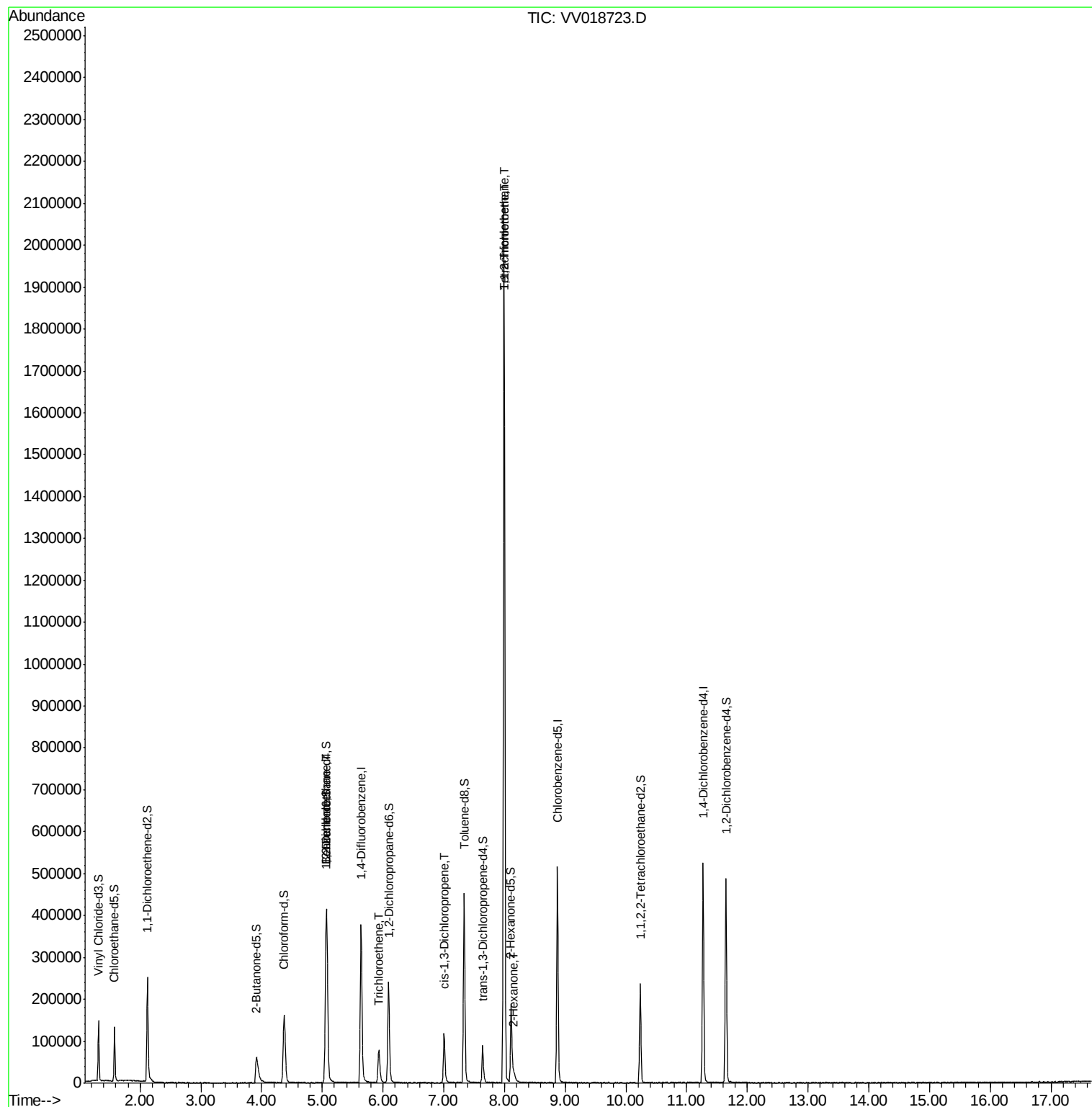
					Ovalue
27) 1,2-Dichloroethane	5.07	62	2383	0.741 ug/L	97
34) Trichloroethene	5.94	95	17783	7.816 ug/L	94
39) cis-1,3-Dichloropropene	7.01	75	3233	1.025 ug/L	96
45) 1,1,2-Trichloroethane	7.99	97	4104	2.062 ug/L #	4
46) Tetrachloroethene	7.99	164	441229	239.036 ug/L	96
48) 2-Hexanone	8.16	43	12452	6.151 ug/L #	67

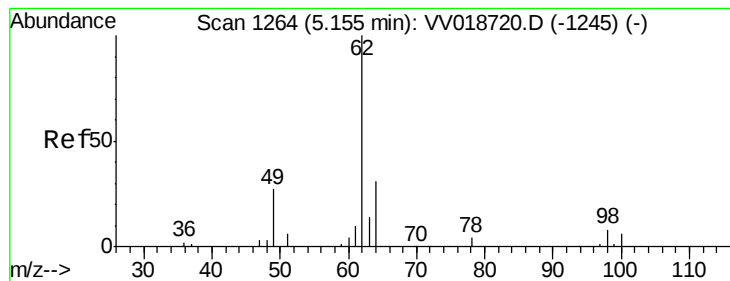
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 08 02:46:20 2020
Response via : Initial Calibration





#27

1,2-Dichloroethane

Concen: 0.741 ug/L

RT: 5.07 min Scan# 1238

Delta R.T. -0.08 min

Lab File: VV018723.D

Acq: 07 Oct 2020 12:10

Instrument :

MSVOA_V

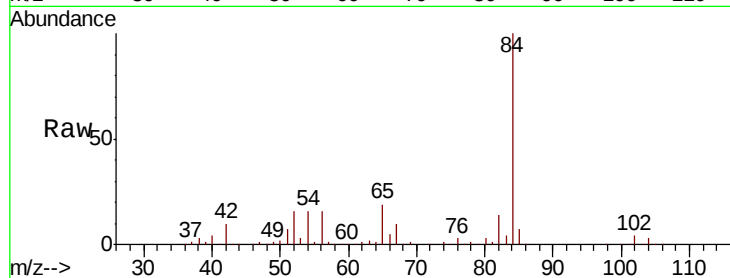
ClientSampleId :

Tot Ion: 62 Resp: 2383

Ion Ratio Lower Upper

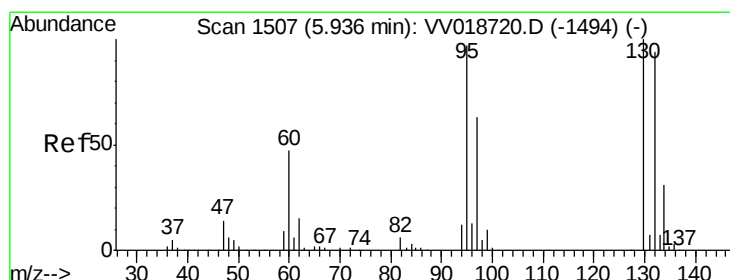
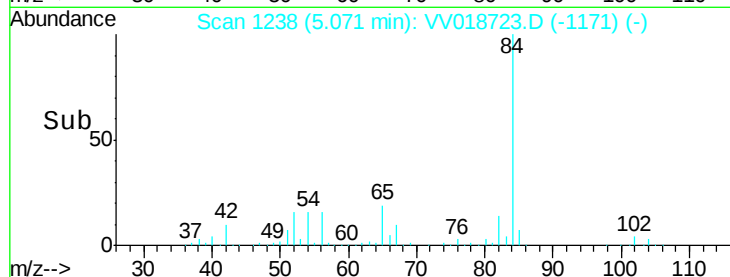
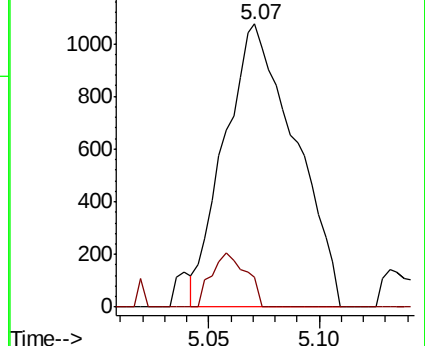
62 100

98 10.5 7.7 11.5



Abundance Ion 62.00 (61.70 to 62.70): VV018723.D (-1245) (-)

Ion 98.00 (97.70 to 98.70): VV018723.D (-1245) (-)



#34

Trichloroethene

Concen: 7.816 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV018723.D

Acq: 07 Oct 2020 12:10

Tgt Ion: 95 Resp: 17783

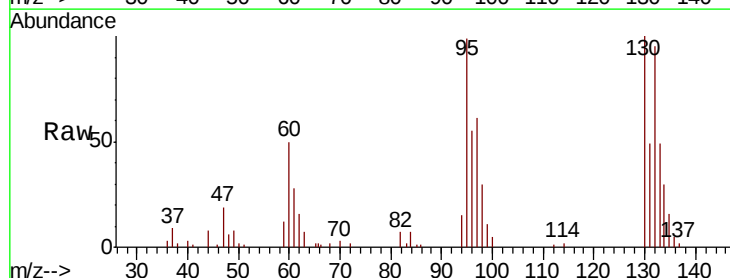
Ion Ratio Lower Upper

95 100

97 61.4 45.9 85.3

132 95.7 70.8 131.4

130 101.2 75.3 139.8

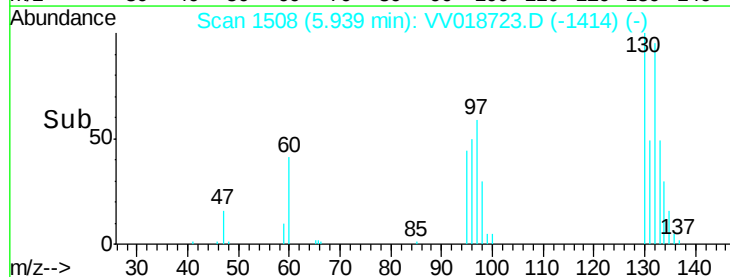
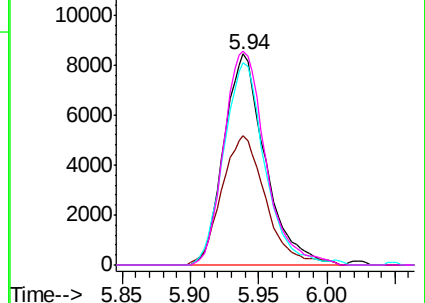


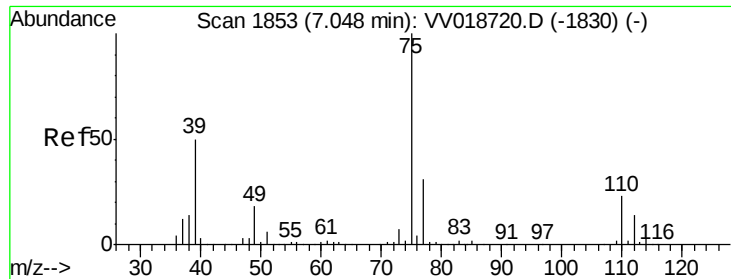
Abundance Ion 95.00 (94.70 to 95.70): VV018723.D (-1494) (-)

Ion 97.00 (96.70 to 97.70): VV018723.D (-1494) (-)

Ion 132.00 (131.70 to 132.70): VV018723.D (-1494) (-)

Ion 130.00 (129.70 to 130.70): VV018723.D (-1494) (-)

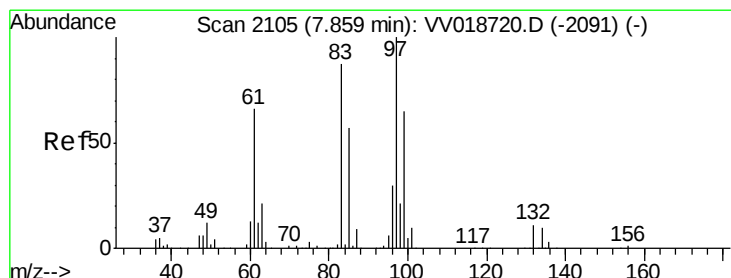
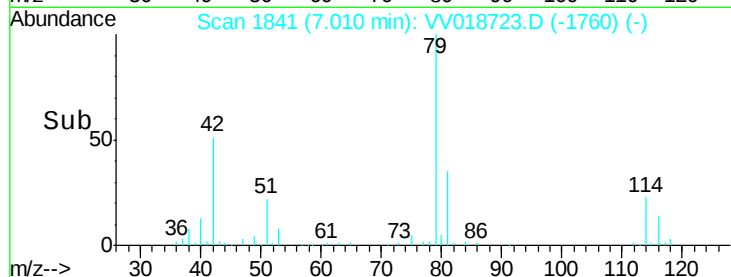
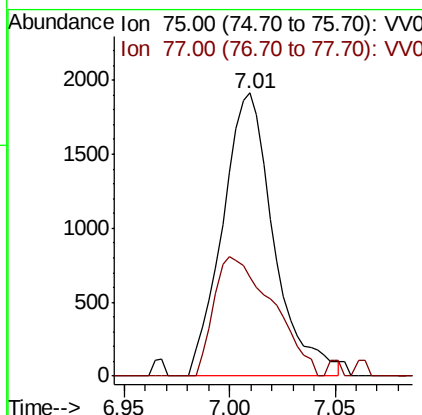
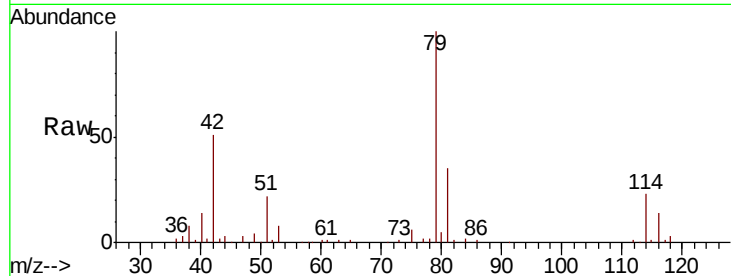




#39
 cis-1,3-Dichloropropene
 Concen: 1.025 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018723.D
 Acq: 07 Oct 2020 12:10

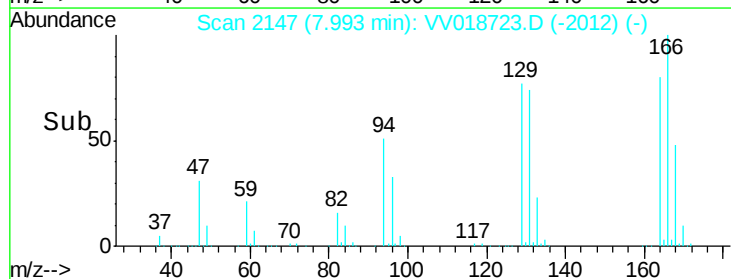
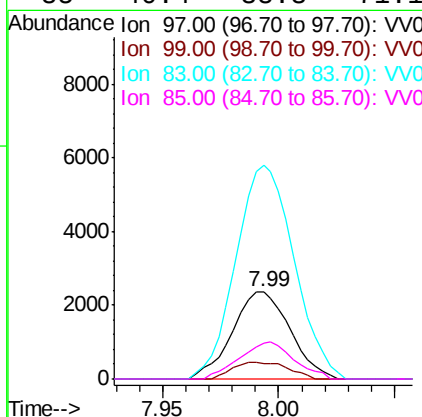
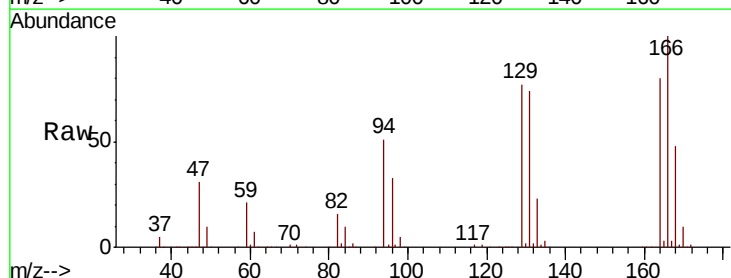
Instrument :
 MSVOA_V
 ClientSampleId :

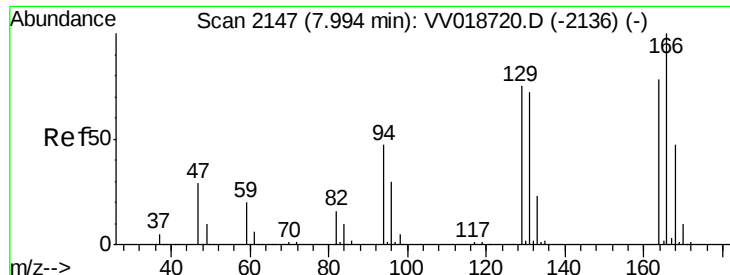
Tot Ion: 75 Resp: 3233
 Ion Ratio Lower Upper
 75 100
 77 35.2 23.0 42.6



#45
 1,1,2-Trichloroethane
 Concen: 2.062 ug/L
 RT: 7.99 min Scan# 2147
 Delta R.T. 0.13 min
 Lab File: VV018723.D
 Acq: 07 Oct 2020 12:10

Tgt Ion: 97 Resp: 4104
 Ion Ratio Lower Upper
 97 100
 99 18.0 43.3 80.3#
 83 244.2 60.5 112.5#
 85 40.4 38.3 71.1

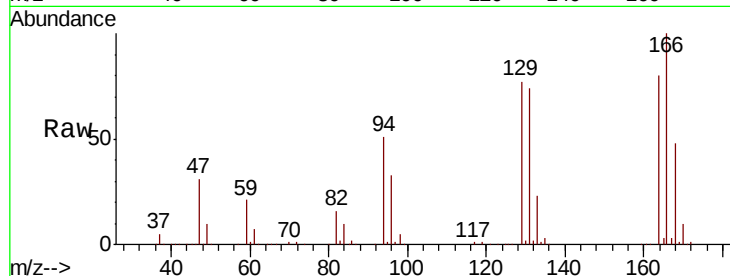




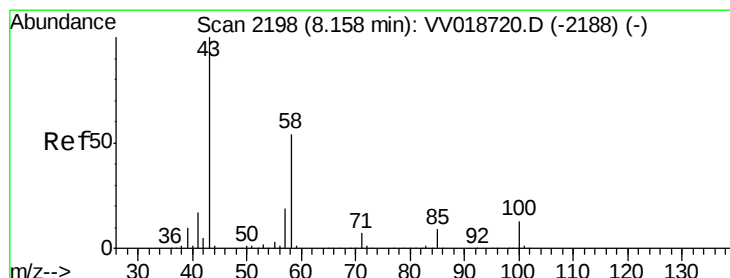
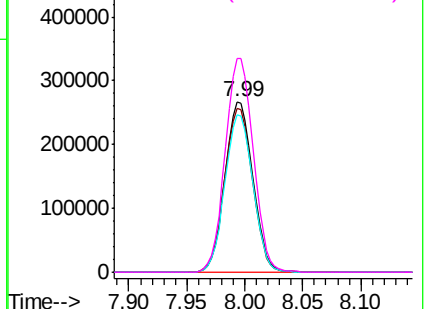
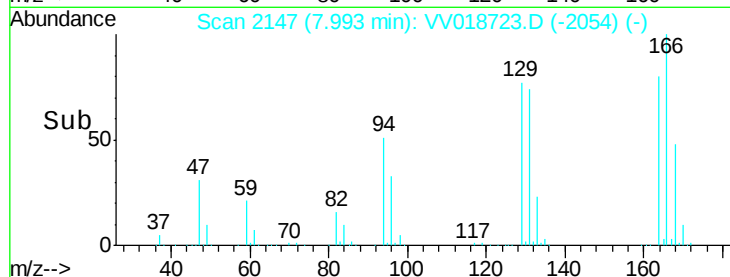
#46
Tetrachloroethene
Concen: 239.036 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. -0.00 min
Lab File: VV018723.D
Acq: 07 Oct 2020 12:10

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 441229
Ion Ratio Lower Upper
164 100
129 95.8 62.8 116.6
131 92.0 60.8 112.8
166 125.1 88.9 165.1

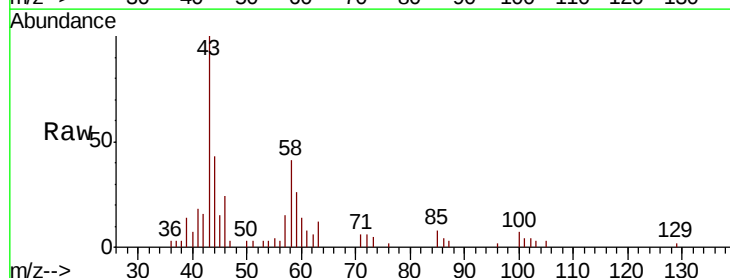


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V



#48
2-Hexanone
Concen: 6.151 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV018723.D
Acq: 07 Oct 2020 12:10

Tgt Ion: 43 Resp: 12452
Ion Ratio Lower Upper
43 100
58 30.7 45.1 67.7#
57 1.6 15.7 23.5#
100 7.3 11.0 16.4#



Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0

