

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101920\
 Data File : VV018974.D
 Acq On : 19 Oct 2020 16:46
 Operator : SY/MD
 Sample : L4426-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG404

Quant Time: Oct 20 01:08:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 20 01:05:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	304217	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	317370	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	142196	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	104090	41.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.14%
7) Chloroethane-d5	1.58	69	94415	47.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.18%
11) 1,1-Dichloroethene-d2	2.12	63	166660	35.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.50%
21) 2-Butanone-d5	3.91	46	149246	85.50	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.50%
24) Chloroform-d	4.38	84	201140	44.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.06	65	141710	47.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.90%
32) Benzene-d6	5.07	84	386238	41.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.38%
36) 1,2-Dichloropropane-d6	6.09	67	127950	43.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.38%
41) Toluene-d8	7.34	98	339847	40.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.78%
43) trans-1,3-Dichloropropene-	7.64	79	60065	41.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.96%
47) 2-Hexanone-d5	8.11	63	82185	74.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.68%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	126715	36.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	73.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	143305	49.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.08%

Target Compounds

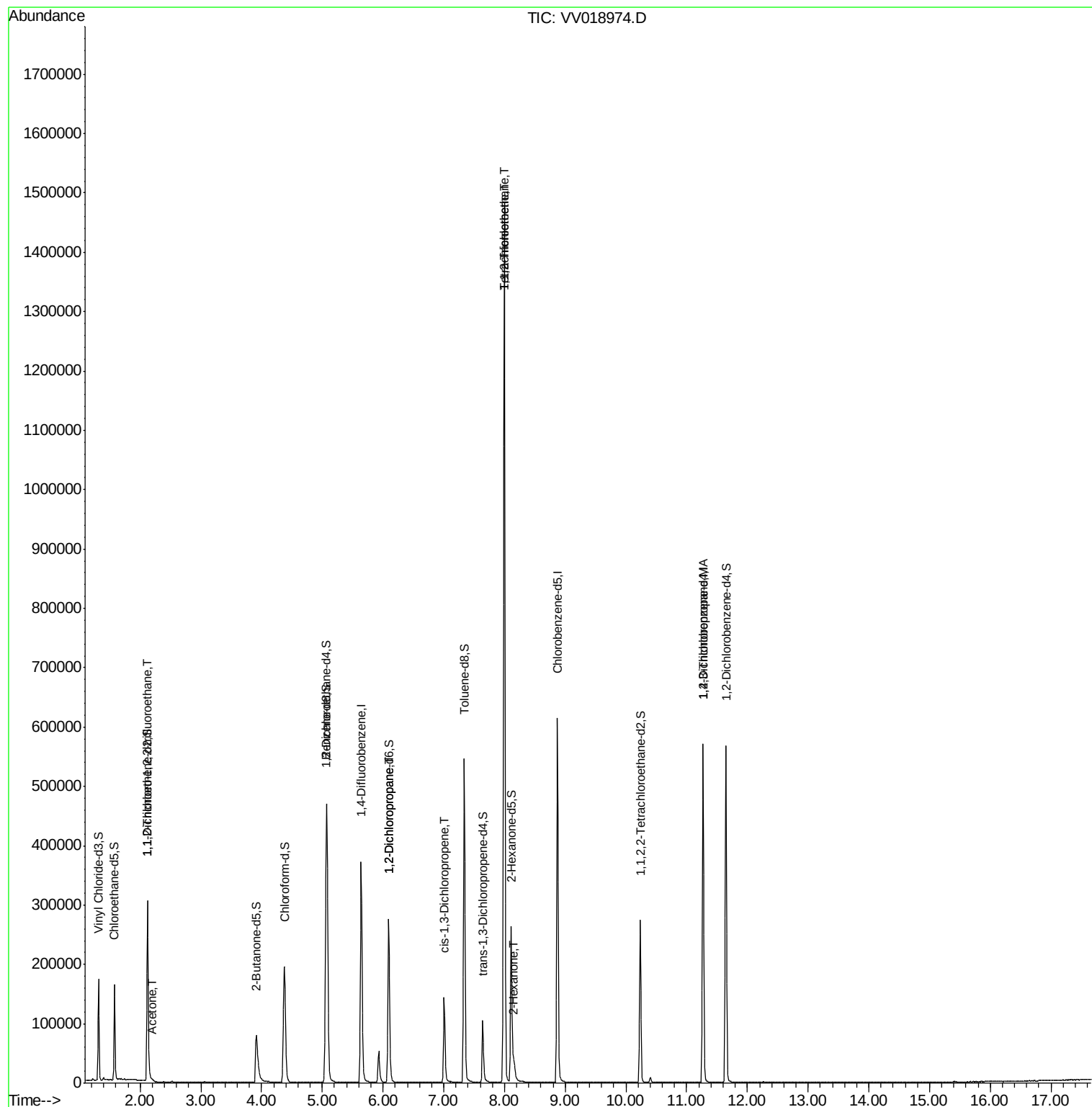
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1387	0.703 ug/L #	20
13) Acetone	2.20	43	4605	3.610 ug/L	81
37) 1,2-Dichloropropane	6.09	63	14753	5.665 ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	3750	0.958 ug/L #	72
45) 1,1,2-Trichloroethane	7.99	97	2772	1.144 ug/L #	5
46) Tetrachloroethene	8.00	164	324229	163.983 ug/L	99
48) 2-Hexanone	8.16	43	19844	6.968 ug/L #	80
59) 1,2,3-Trichloropropane	11.27	75	16999	5.392 ug/L	93

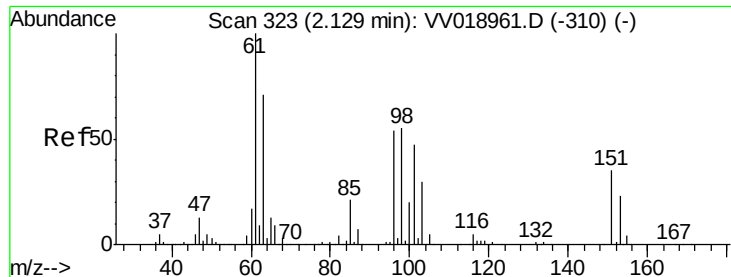
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 20 01:05:12 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.703 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018974.D

Acq: 19 Oct 2020 16:46

Instrument :

MSVOA_V

ClientSampled :

BG404

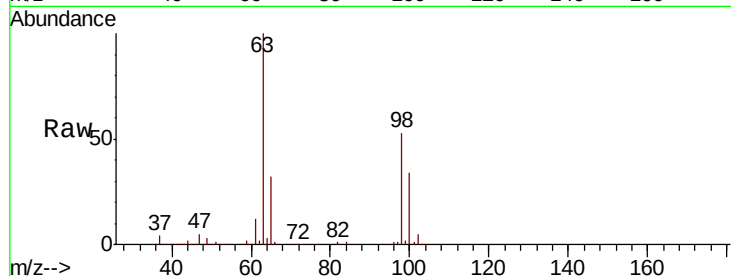
Tot Ion:101 Resp: 1387

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

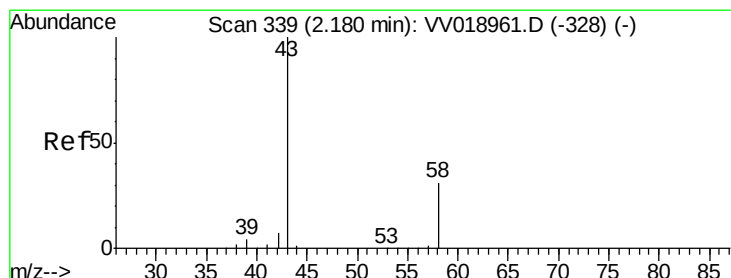
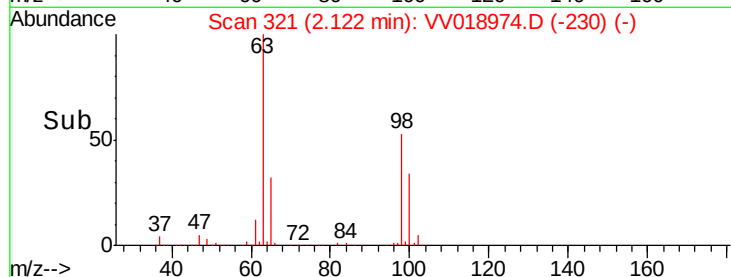
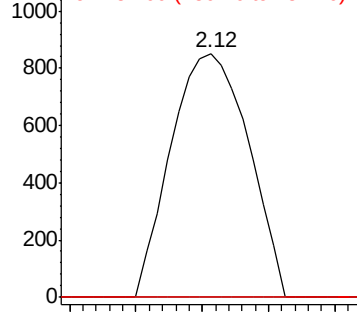
151 0.0 59.7 89.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 3.610 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.02 min

Lab File: VV018974.D

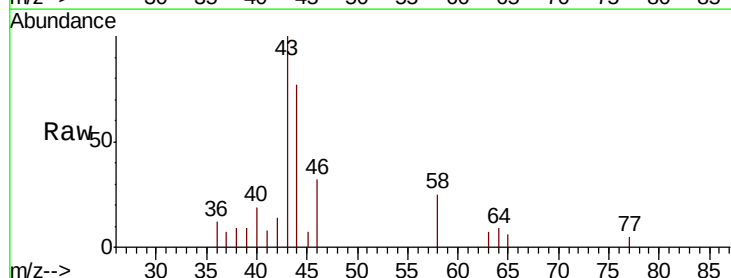
Acq: 19 Oct 2020 16:46

Tgt Ion: 43 Resp: 4605

Ion Ratio Lower Upper

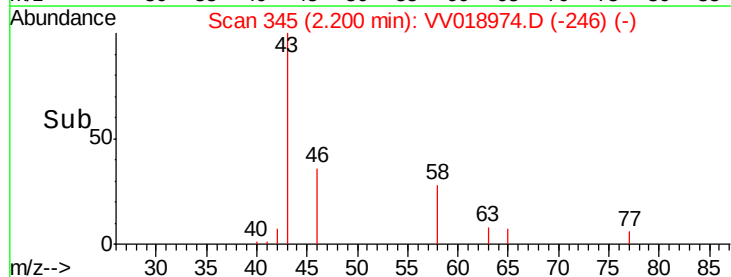
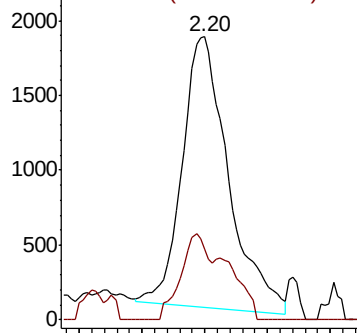
43 100

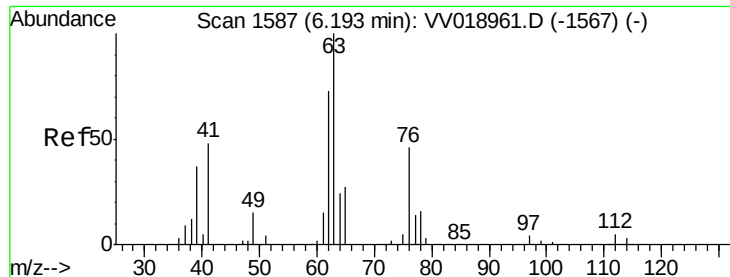
58 19.5 0.0 58.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

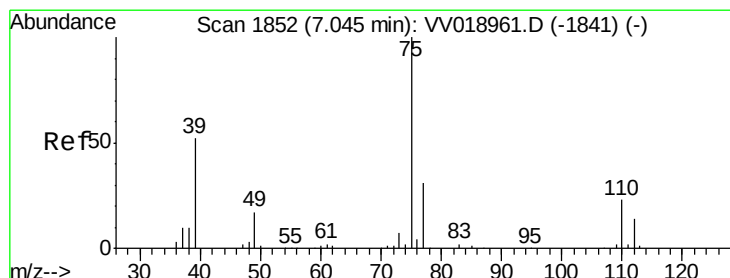
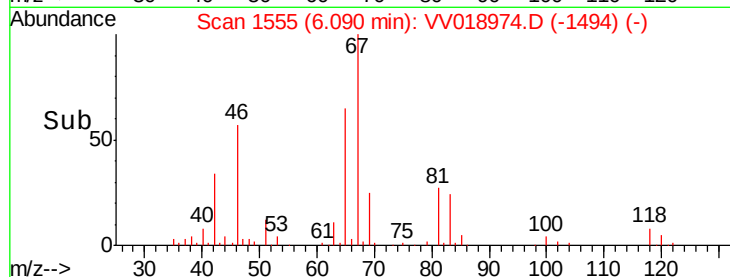
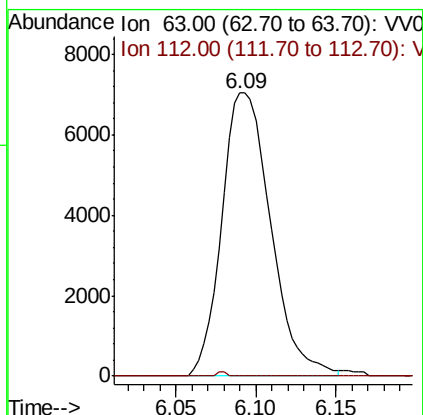
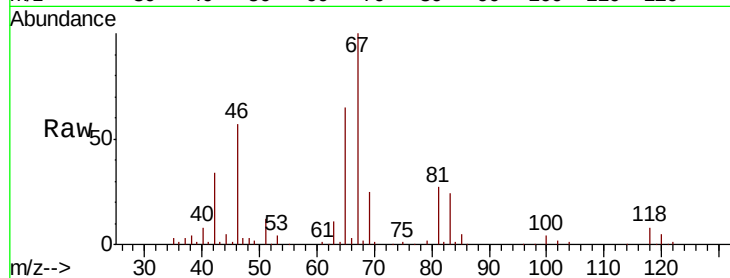




#37
 1,2-Dichloropropane
 Concen: 5.665 ug/L
 RT: 6.09 min Scan# 1555
 Delta R.T. -0.10 min
 Lab File: VV018974.D
 Acq: 19 Oct 2020 16:46

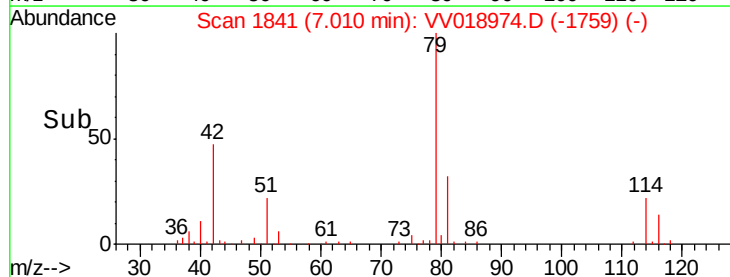
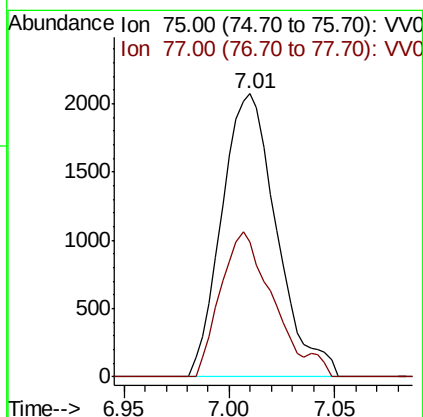
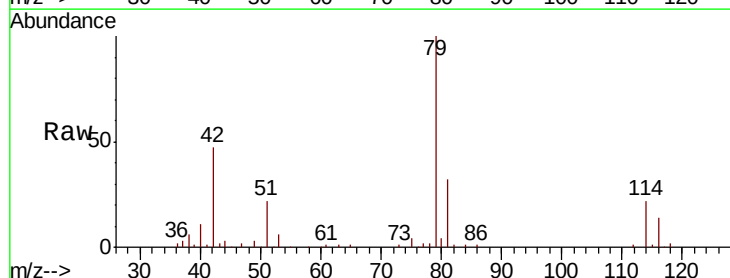
Instrument :
 MSVOA_V
 ClientSampleId :
 BG404

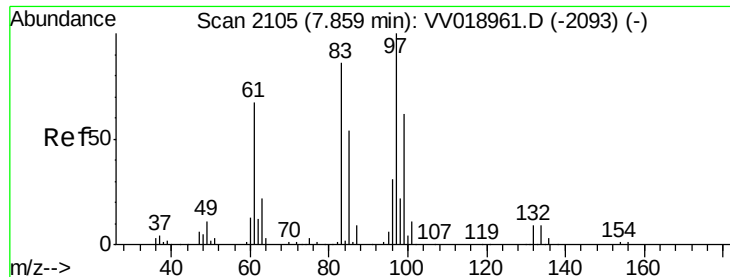
Tot Ion: 63 Resp: 14753
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.3 4.9#



#39
 cis-1,3-Dichloropropene
 Concen: 0.958 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018974.D
 Acq: 19 Oct 2020 16:46

Tgt Ion: 75 Resp: 3750
 Ion Ratio Lower Upper
 75 100
 77 47.8 22.5 41.9#





#45

1,1,2-Trichloroethane

Concen: 1.144 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. 0.14 min

Lab File: VV018974.D

Acq: 19 Oct 2020 16:46

Instrument :

MSVOA_V

ClientSampleId :

BG404

Tot Ion: 97 Resp: 2772

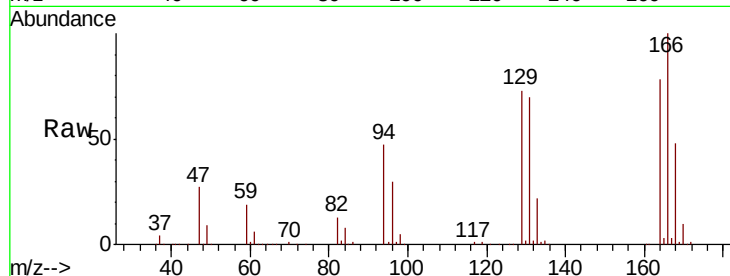
Ion Ratio Lower Upper

97 100

99 23.7 43.8 81.4#

83 257.0 61.0 113.4#

85 50.9 38.9 72.2

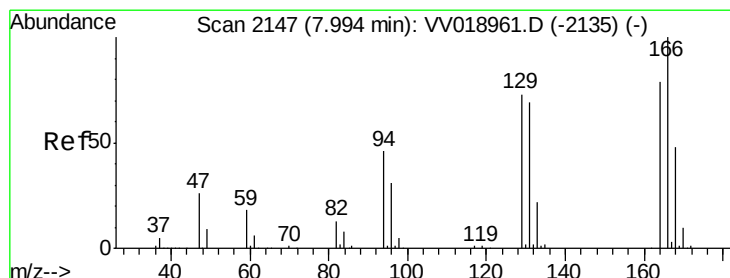
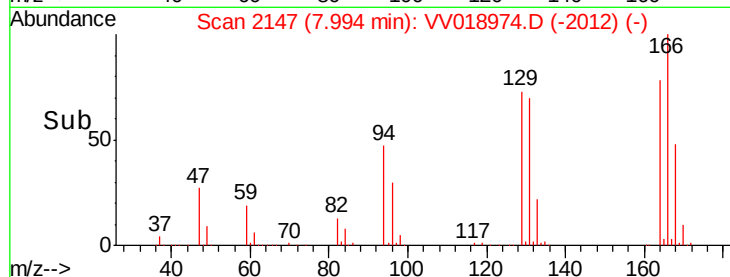
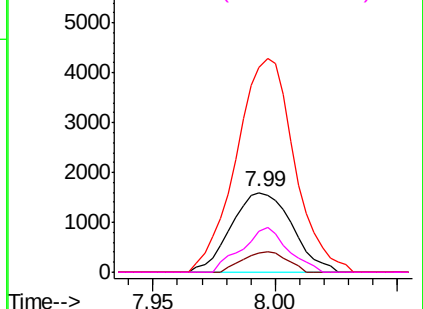


Abundance Ion 97.00 (96.70 to 97.70): VV0

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: 163.983 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018974.D

Acq: 19 Oct 2020 16:46

Tgt Ion:164 Resp: 324229

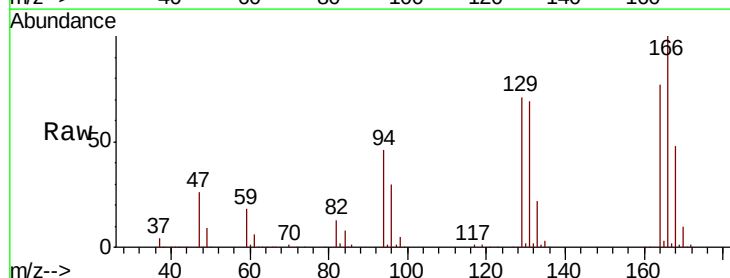
Ion Ratio Lower Upper

164 100

129 92.0 65.0 120.8

131 89.4 62.9 116.7

166 129.7 91.1 169.3

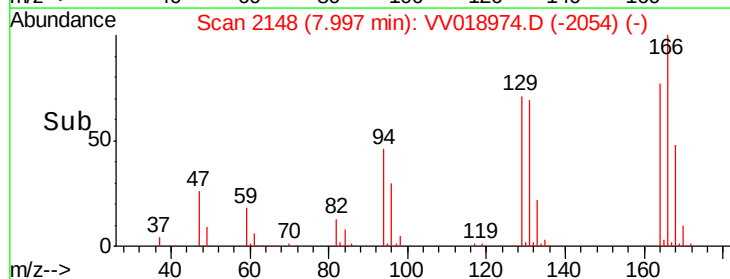
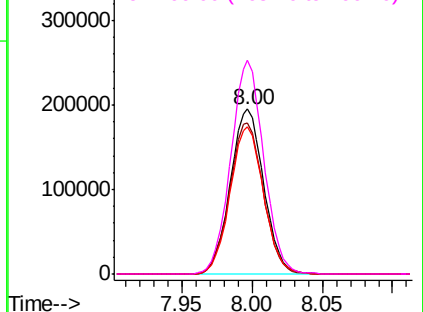


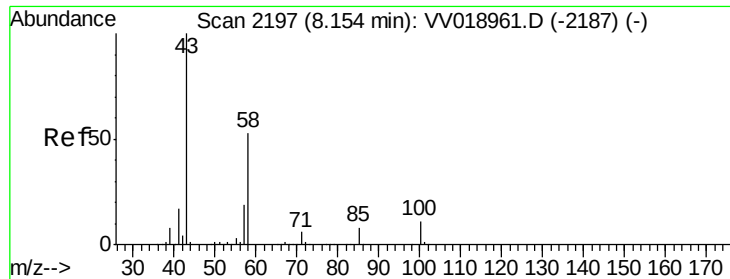
Abundance Ion 164.00 (163.70 to 164.70): V

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

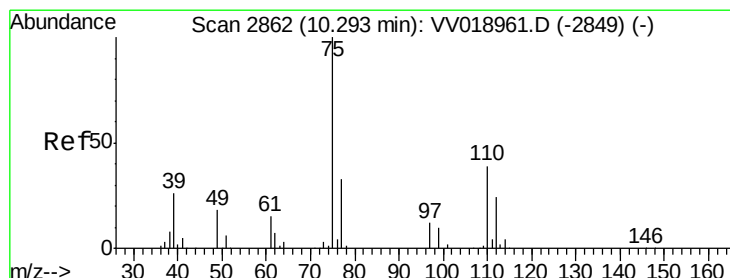
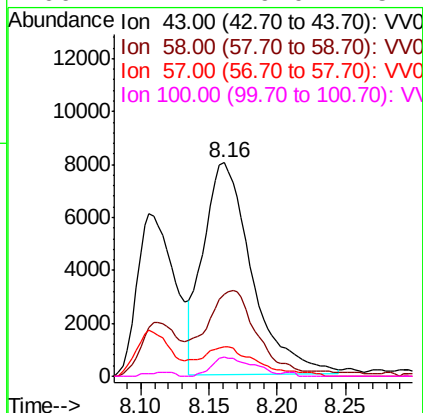
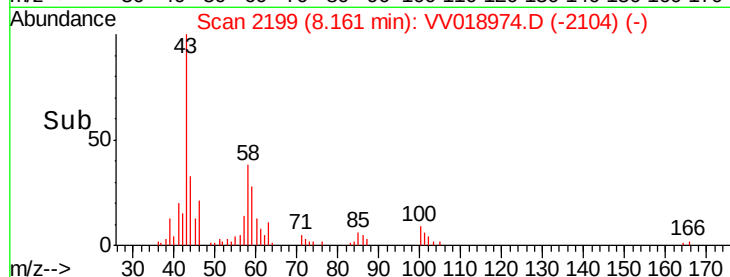
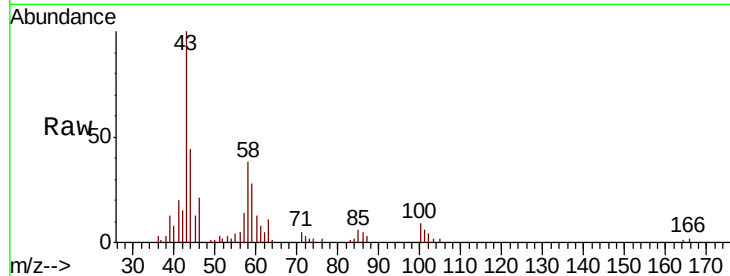




#48
2-Hexanone
Concen: 6.968 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.01 min
Lab File: VV018974.D
Acq: 19 Oct 2020 16:46

Instrument :
MSVOA_V
ClientSampled :
BG404

Tot Ion: 43 Resp: 19844
Ion Ratio Lower Upper
43 100
58 36.3 42.5 63.7#
57 11.9 14.5 21.7#
100 7.7 9.0 13.4#



#59
1,2,3-Trichloropropane
Concen: 5.392 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018974.D
Acq: 19 Oct 2020 16:46

Tgt Ion: 75 Resp: 16999
Ion Ratio Lower Upper
75 100
77 36.0 25.4 38.2

