

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101920\
 Data File : VV018969.D
 Acq On : 19 Oct 2020 14:48
 Operator : SY/MD
 Sample : L4426-14 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Z6DL

Quant Time: Oct 20 01:07:19 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	331120	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	312032	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	145725	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	105326	38.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.28%
7) Chloroethane-d5	1.58	69	95565	44.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.50%
11) 1,1-Dichloroethene-d2	2.12	63	167770	32.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.22%
21) 2-Butanone-d5	3.91	46	173050	91.09	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.09%
24) Chloroform-d	4.37	84	209883	42.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.72%
26) 1,2-Dichloroethane-d4	5.05	65	147300	45.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.64%
32) Benzene-d6	5.07	84	410865	45.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	6.09	67	138576	47.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.16%
41) Toluene-d8	7.34	98	334498	40.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.86%
43) trans-1,3-Dichloropropene-	7.64	79	59154	41.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.10%
47) 2-Hexanone-d5	8.11	63	85230	78.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.78%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	127706	37.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	74.82%
64) 1,2-Dichlorobenzene-d4	11.65	152	140281	47.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.64%

Target Compounds

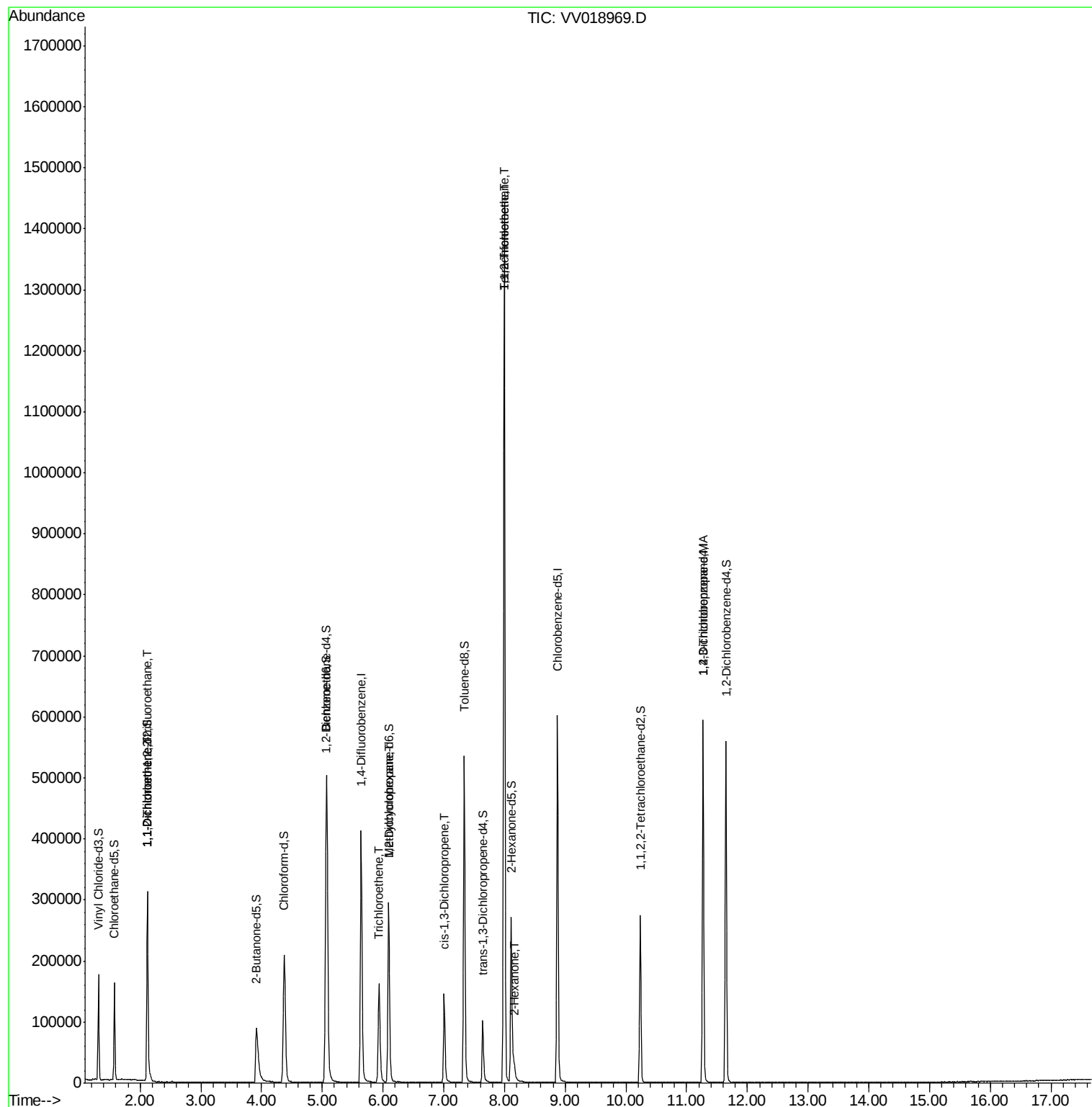
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1443	0.672 ug/L #	20
12) 1,1-Dichloroethene	2.13	96	2176	1.000 ug/L #	1
34) Trichloroethene	5.94	95	46563	16.881 ug/L	98
35) Methylcyclohexane	6.09	83	32987	9.874 ug/L #	17
39) cis-1,3-Dichloropropene	7.01	75	4130	1.073 ug/L #	68
45) 1,1,2-Trichloroethane	7.99	97	2714	1.139 ug/L #	1
46) Tetrachloroethene	8.00	164	314426	161.746 ug/L	97
48) 2-Hexanone	8.16	43	16780	5.993 ug/L #	80
59) 1,2,3-Trichloropropane	11.27	75	16561	5.343 ug/L #	87

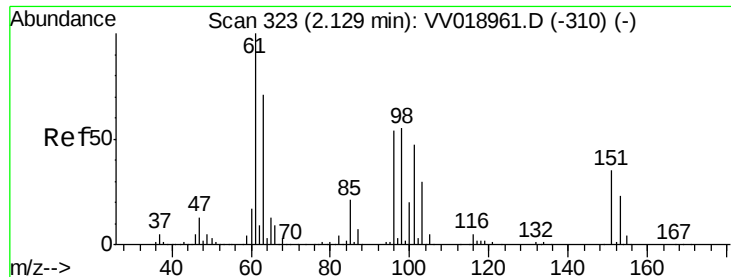
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.672 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV018969.D

Acq: 19 Oct 2020 14:48

Instrument :

MSVOA_V

ClientSampleId :

BG3Z6DL

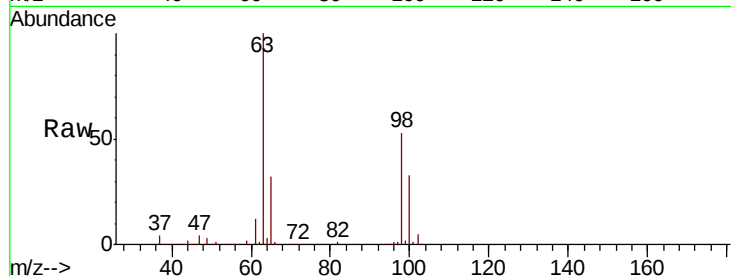
Tot Ion:101 Resp: 1443

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

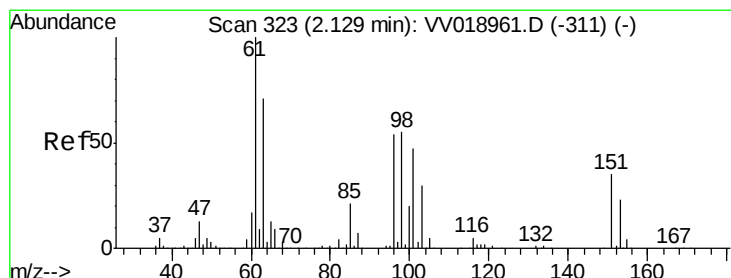
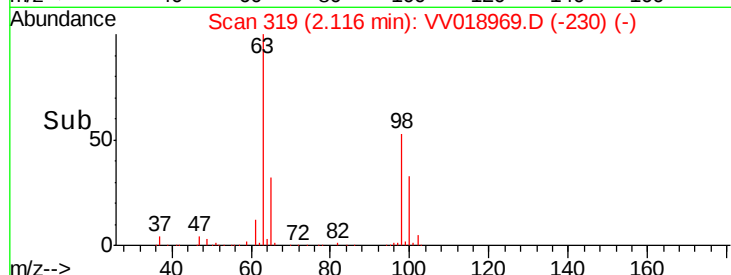
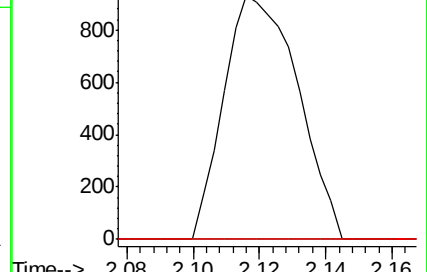
151 0.0 59.7 89.5#



Abundance Ion 101.00 (100.70 to 101.70): VV018961.D (-310) (-)

Ion 85.00 (84.70 to 85.70): VV018961.D (-310) (-)

Ion 151.00 (150.70 to 151.70): VV018961.D (-310) (-)



#12

1,1-Dichloroethene

Concen: 1.000 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV018969.D

Acq: 19 Oct 2020 14:48

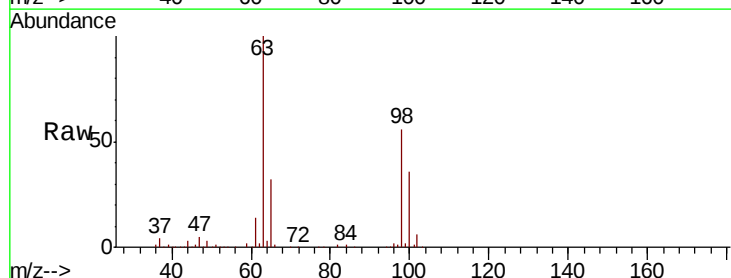
Tgt Ion: 96 Resp: 2176

Ion Ratio Lower Upper

96 100

61 798.3 133.5 247.9#

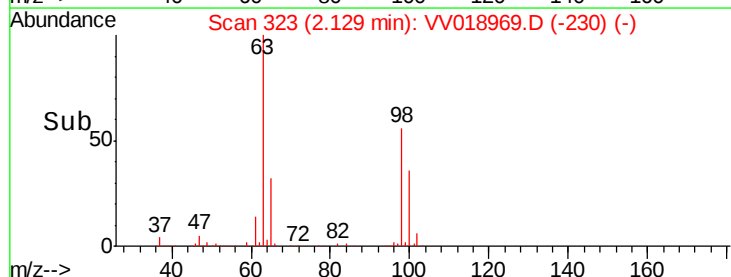
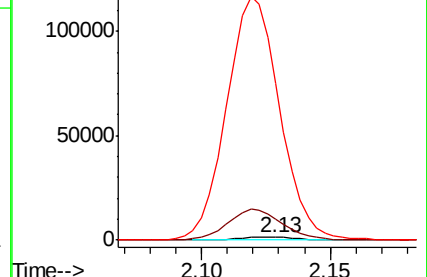
63 5835.6 102.1 189.7#

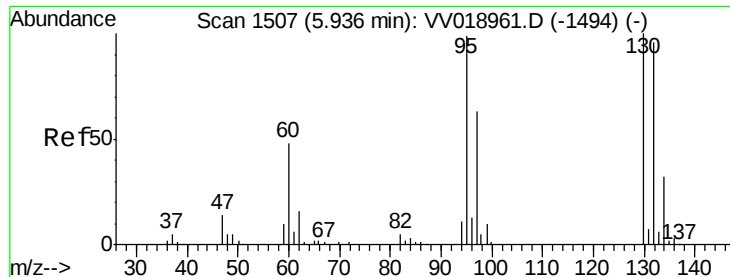


Abundance Ion 96.00 (95.70 to 96.70): VV018969.D (-230) (-)

Ion 61.00 (60.70 to 61.70): VV018969.D (-230) (-)

Ion 63.00 (62.70 to 63.70): VV018969.D (-230) (-)





#34

Trichloroethene

Concen: 16.881 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV018969.D

Acq: 19 Oct 2020 14:48

Instrument :

MSVOA_V

ClientSampleId :

BG3Z6DL

Tot Ion: 95 Resp: 46563

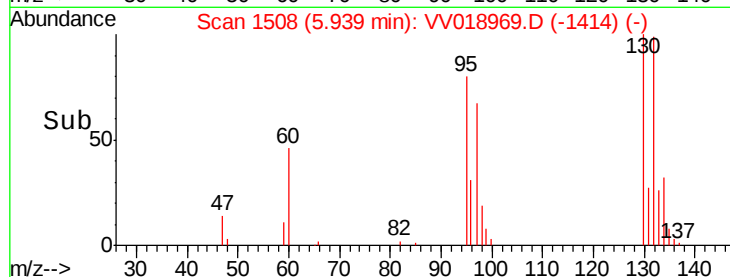
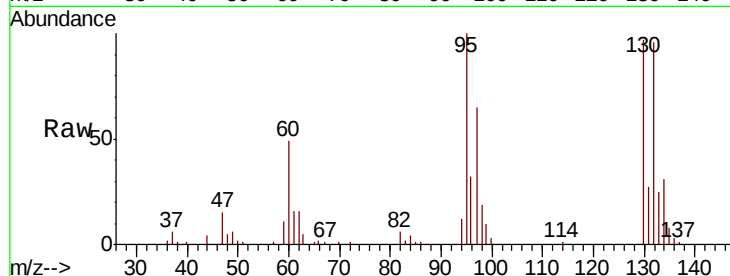
Ion Ratio Lower Upper

95 100

97 65.5 44.7 82.9

132 96.1 67.0 124.4

130 97.3 70.8 131.6

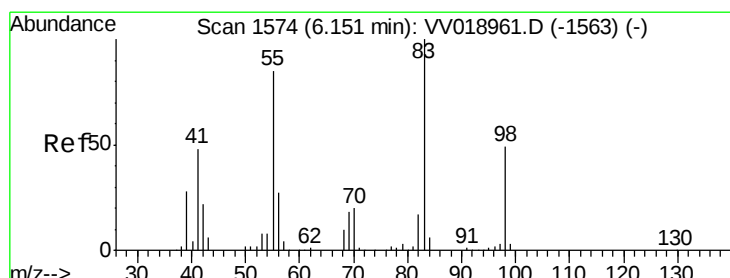
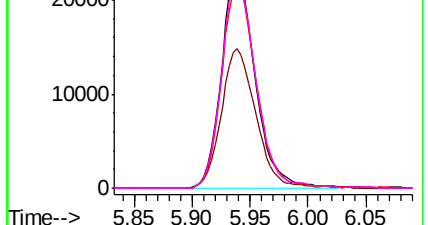


Abundance Ion 95.00 (94.70 to 95.70): VV018969.D (-1414) (-)

Ion 97.00 (96.70 to 97.70): VV018969.D (-1414) (-)

Ion 132.00 (131.70 to 132.70): VV018969.D (-1414) (-)

Ion 130.00 (129.70 to 130.70): VV018969.D (-1414) (-)



#35

Methylcyclohexane

Concen: 9.874 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018969.D

Acq: 19 Oct 2020 14:48

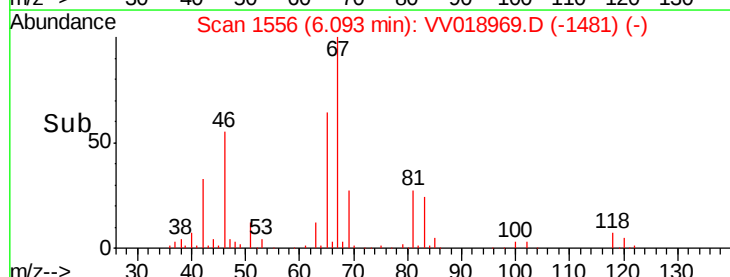
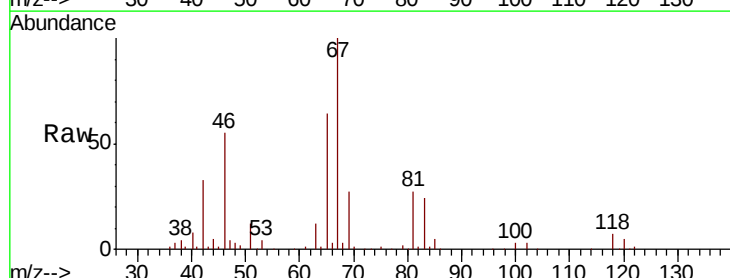
Tgt Ion: 83 Resp: 32987

Ion Ratio Lower Upper

83 100

55 0.5 67.3 100.9#

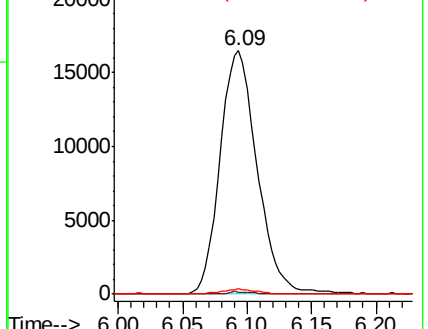
98 1.9 37.9 56.9#

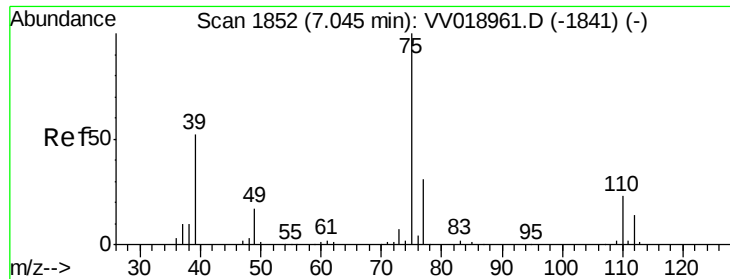


Abundance Ion 83.00 (82.70 to 83.70): VV018969.D (-1481) (-)

Ion 55.00 (54.70 to 55.70): VV018969.D (-1481) (-)

Ion 98.00 (97.70 to 98.70): VV018969.D (-1481) (-)

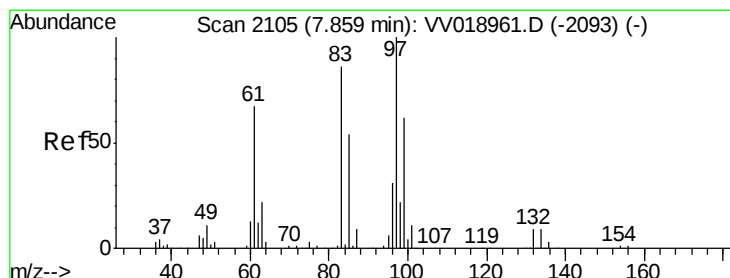
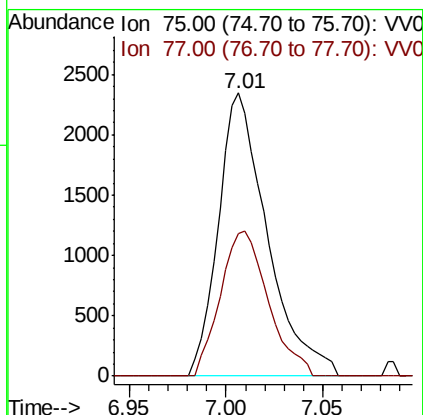
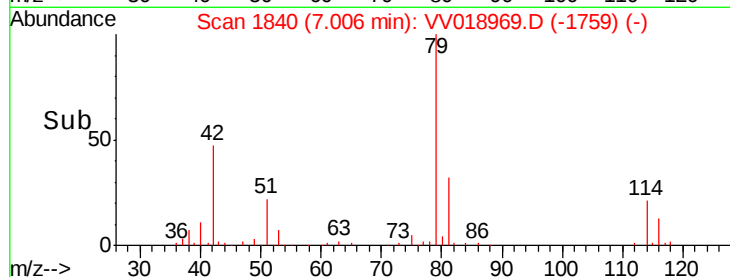
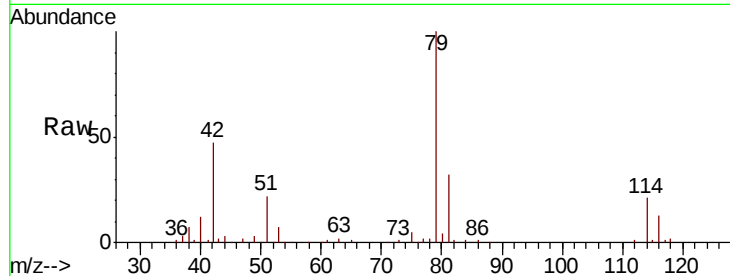




#39
 cis-1,3-Dichloropropene
 Concen: 1.073 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018969.D
 Acq: 19 Oct 2020 14:48

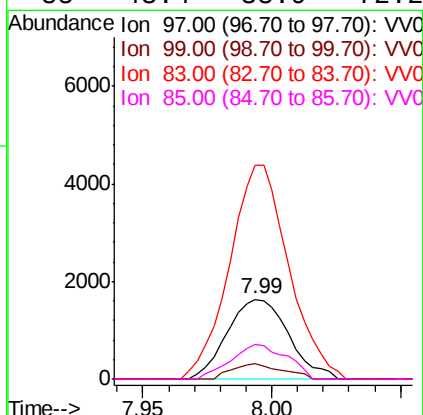
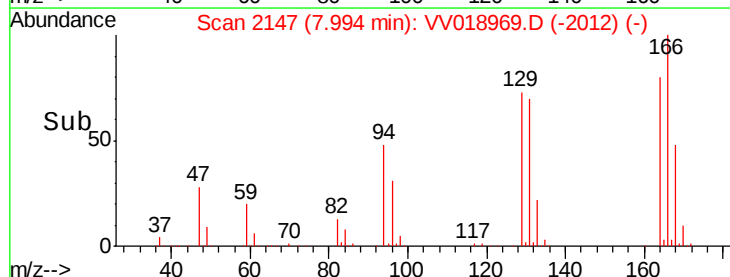
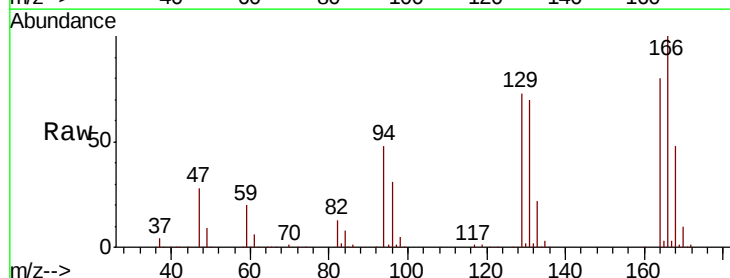
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Z6DL

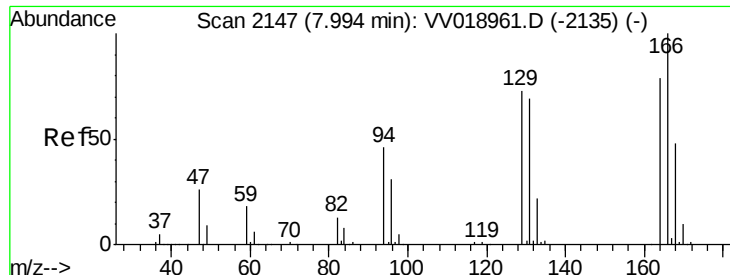
Tot Ion: 75 Resp: 4130
 Ion Ratio Lower Upper
 75 100
 77 50.3 22.5 41.9#



#45
 1,1,2-Trichloroethane
 Concen: 1.139 ug/L
 RT: 7.99 min Scan# 2147
 Delta R.T. 0.13 min
 Lab File: VV018969.D
 Acq: 19 Oct 2020 14:48

Tgt Ion: 97 Resp: 2714
 Ion Ratio Lower Upper
 97 100
 99 19.2 43.8 81.4#
 83 267.1 61.0 113.4#
 85 43.4 38.9 72.2

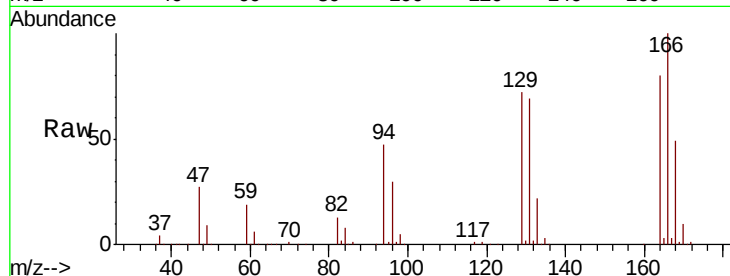




#46
Tetrachloroethene
Concen: 161.746 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV018969.D
Acq: 19 Oct 2020 14:48

Instrument :
MSVOA_V
ClientSampleId :
BG3Z6DL

Tot Ion	Ratio	Lower	Upper
164	100		
129	90.4	65.0	120.8
131	86.5	62.9	116.7
166	125.6	91.1	169.3



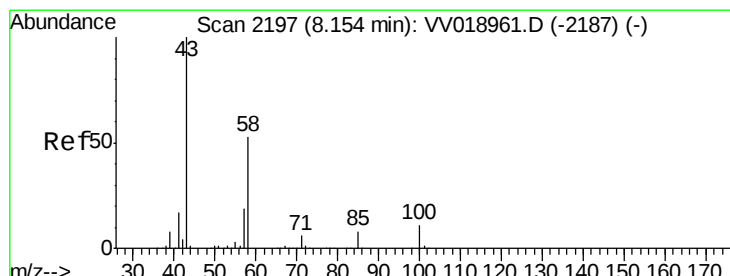
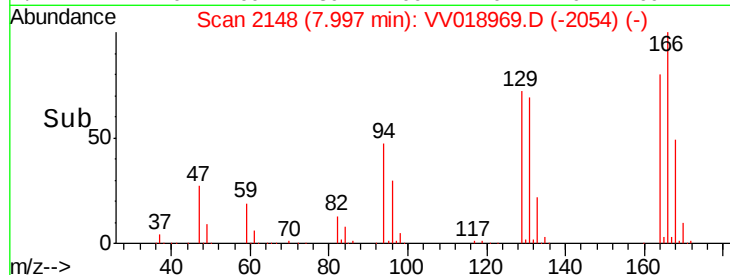
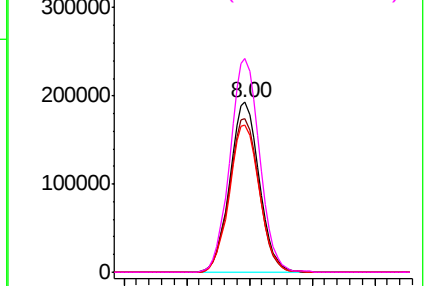
Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

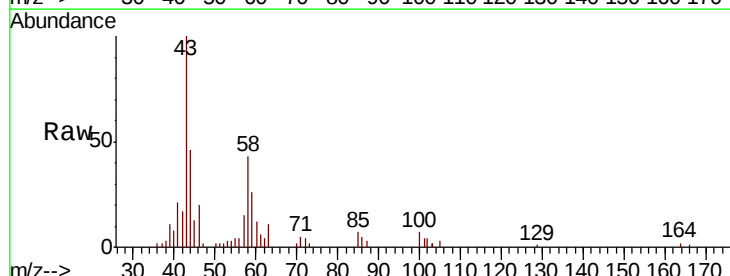
Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48
2-Hexanone
Concen: 5.993 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV018969.D
Acq: 19 Oct 2020 14:48

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.9	42.5	63.7#
57	13.0	14.5	21.7#
100	2.9	9.0	13.4#



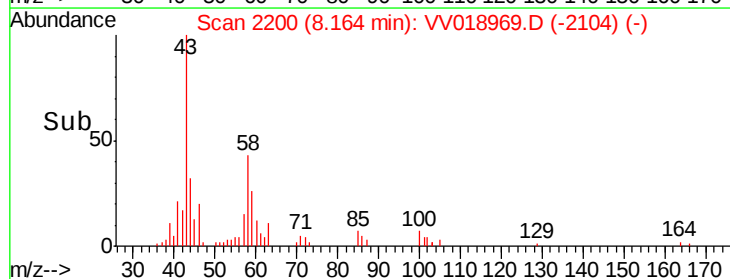
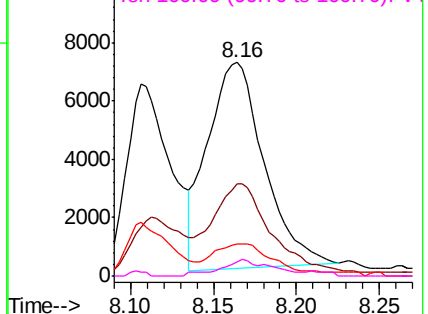
Abundance

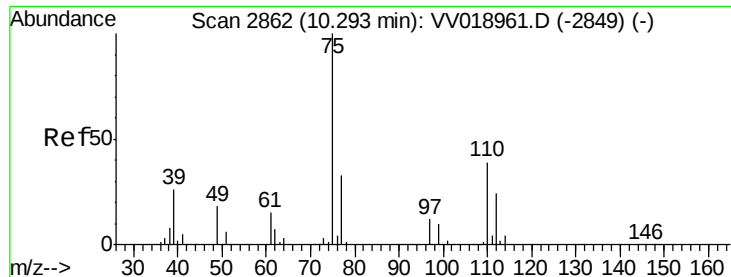
Ion 43.00 (42.70 to 43.70): VV0

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





#59

1,2,3-Trichloropropane

Concen: 5.343 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018969.D

Acq: 19 Oct 2020 14:48

Instrument :

MSVOA_V

ClientSampleId :

BG3Z6DL

Tot Ion: 75 Resp: 16561

Ion Ratio Lower Upper

75 100

77 39.0 25.4 38.2#

