

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101920\
 Data File : VV018985.D
 Acq On : 19 Oct 2020 23:34
 Operator : SY/MD
 Sample : L4426-18DL 500X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Z7DL

Quant Time: Oct 20 03:25:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 20 03:20:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	317039	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	312985	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	146979	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	88009	33.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.44%
7) Chloroethane-d5	1.58	69	83917	40.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.18%
11) 1,1-Dichloroethene-d2	2.12	63	148456	30.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.26%
21) 2-Butanone-d5	3.90	46	155720	85.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.60%
24) Chloroform-d	4.37	84	189094	40.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.66%
26) 1,2-Dichloroethane-d4	5.05	65	135384	43.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.00%
32) Benzene-d6	5.07	84	357969	39.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.36%
36) 1,2-Dichloropropane-d6	6.09	67	122414	41.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.80%
41) Toluene-d8	7.34	98	312563	38.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.26%#
43) trans-1,3-Dichloropropene-	7.64	79	56098	39.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.58%
47) 2-Hexanone-d5	8.11	63	84699	78.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.05%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	131167	38.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	76.62%
64) 1,2-Dichlorobenzene-d4	11.65	152	136722	45.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.44%

Target Compounds

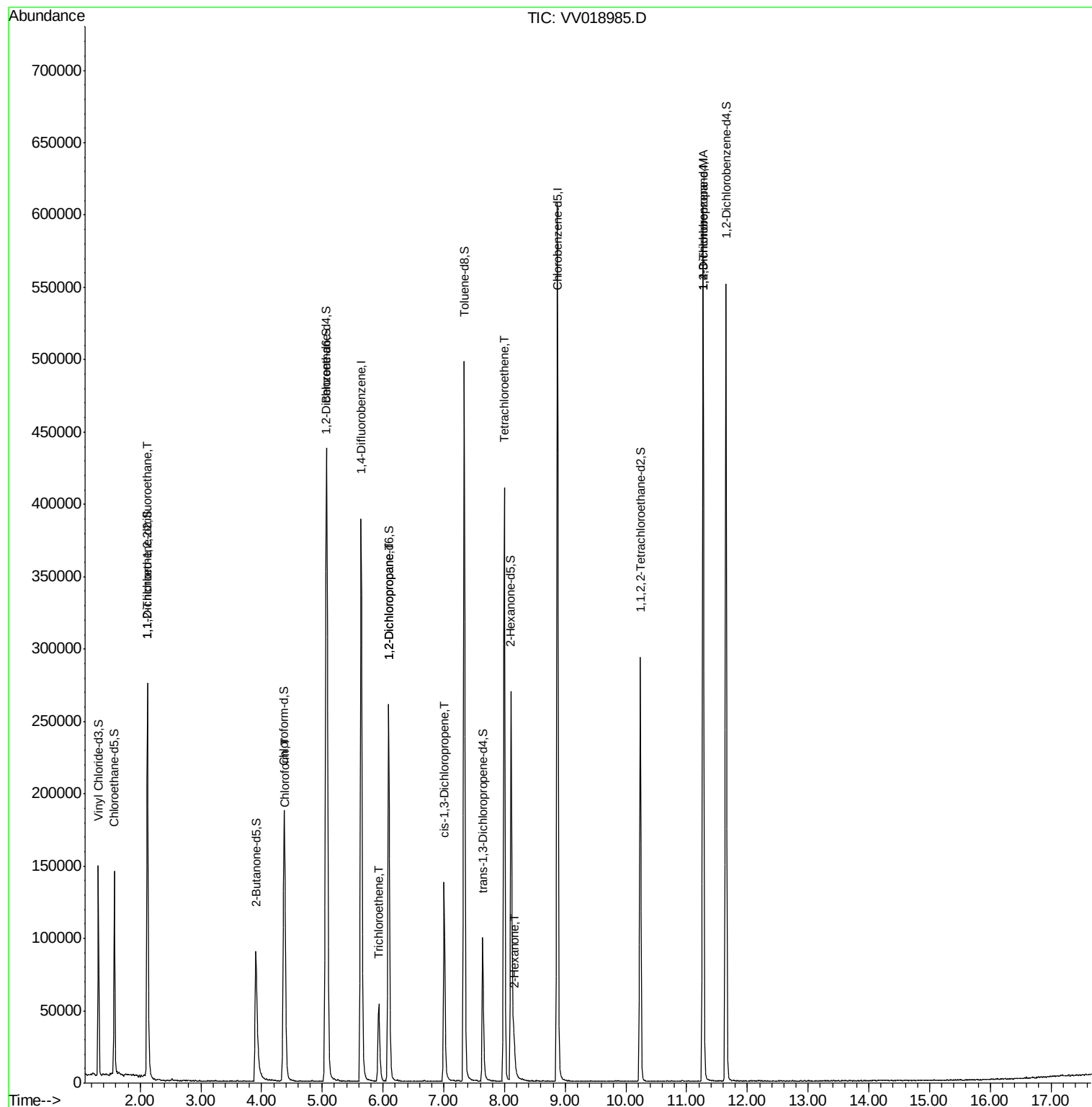
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1429	0.695 ug/L #	20
25) Chloroform	4.39	83	4647	1.027 ug/L	91
34) Trichloroethene	5.94	95	5298	1.915 ug/L	93
37) 1,2-Dichloropropane	6.09	63	14465	5.632 ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	3420	0.886 ug/L #	67
46) Tetrachloroethene	8.00	164	89689	45.997 ug/L	99
48) 2-Hexanone	8.16	43	14040	4.999 ug/L #	82
59) 1,2,3-Trichloropropane	11.27	75	17621	5.668 ug/L #	87

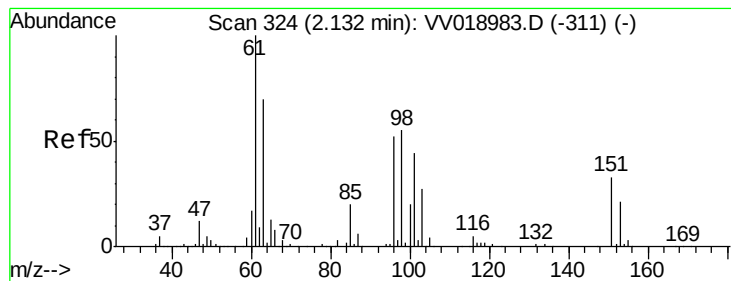
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV101920\
Data File : VV018985.D
Acq On : 19 Oct 2020 23:34
Operator : SY/MD
Sample : L4426-18DL 500X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3Z7DL

Quant Time: Oct 20 03:25:18 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 20 03:20:26 2020
Response via : Initial Calibration





#10

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

Concen: 0.695 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV018985.D

Acq: 19 Oct 2020 23:34

Instrument :

MSVOA_V

ClientSampled :

BG3Z7DL

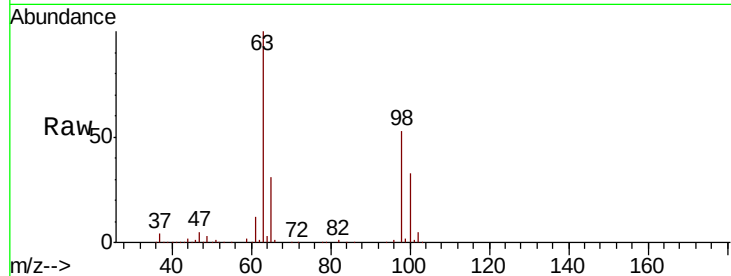
Tot Ion:101 Resp: 1429

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

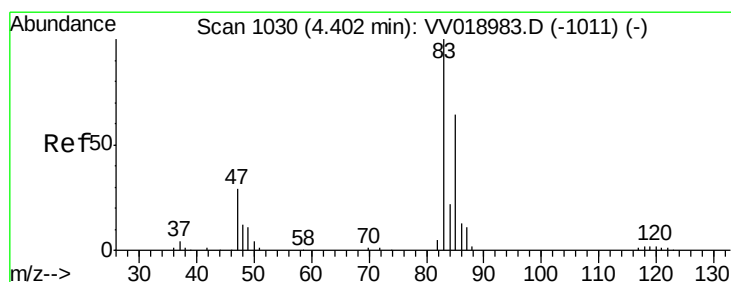
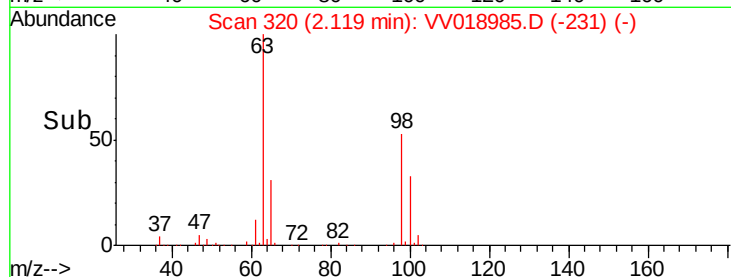
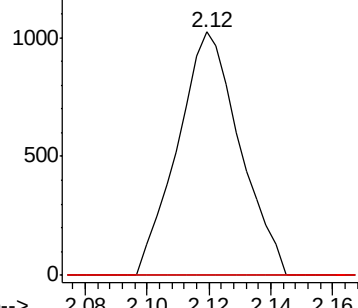
151 0.0 59.7 89.5#



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



#25

Chloroform

Concen: 1.027 ug/L

RT: 4.39 min Scan# 1027

Delta R.T. -0.01 min

Lab File: VV018985.D

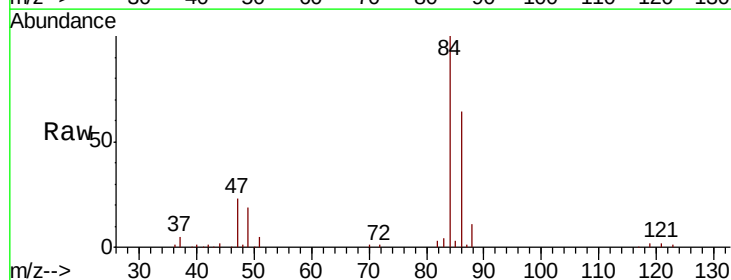
Acq: 19 Oct 2020 23:34

Tgt Ion: 83 Resp: 4647

Ion Ratio Lower Upper

83 100

85 70.4 44.6 82.8



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0

Ion 89.00 (88.70 to 89.70): VV0

Ion 91.00 (90.70 to 91.70): VV0

Ion 93.00 (92.70 to 93.70): VV0

Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 101.00 (100.70 to 101.70): VV0

Ion 103.00 (102.70 to 103.70): VV0

Ion 105.00 (104.70 to 105.70): VV0

Ion 107.00 (106.70 to 107.70): VV0

Ion 109.00 (108.70 to 109.70): VV0

Ion 111.00 (110.70 to 111.70): VV0

Ion 113.00 (112.70 to 113.70): VV0

Ion 115.00 (114.70 to 115.70): VV0

Ion 117.00 (116.70 to 117.70): VV0

Ion 119.00 (118.70 to 119.70): VV0

Ion 121.00 (120.70 to 121.70): VV0

Ion 123.00 (122.70 to 123.70): VV0

Ion 125.00 (124.70 to 125.70): VV0

Ion 127.00 (126.70 to 127.70): VV0

Ion 129.00 (128.70 to 129.70): VV0

Ion 131.00 (130.70 to 131.70): VV0

Ion 133.00 (132.70 to 133.70): VV0

Ion 135.00 (134.70 to 135.70): VV0

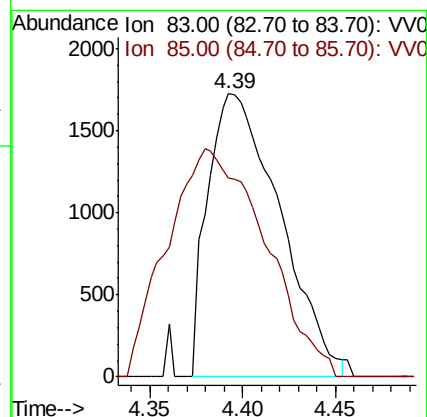
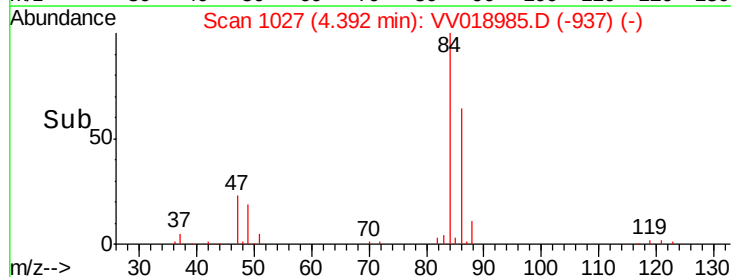
Ion 137.00 (136.70 to 137.70): VV0

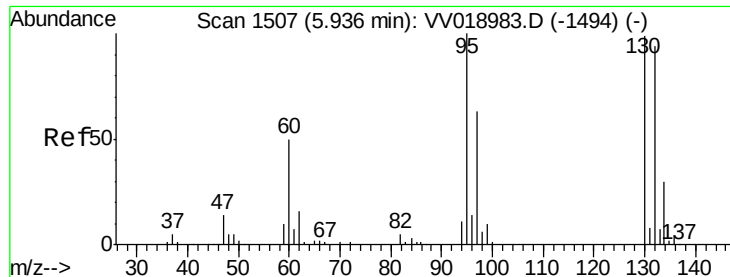
Ion 139.00 (138.70 to 139.70): VV0

Ion 141.00 (140.70 to 141.70): VV0

Ion 143.00 (142.70 to 143.70): VV0

Ion 145.00 (144.70 to 145.70): VV0





#34

Trichloroethene

Concen: 1.915 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV018985.D

Acq: 19 Oct 2020 23:34

Instrument :

MSVOA_V

ClientSampleId :

BG3Z7DL

Tot Ion: 95 Resp: 5298

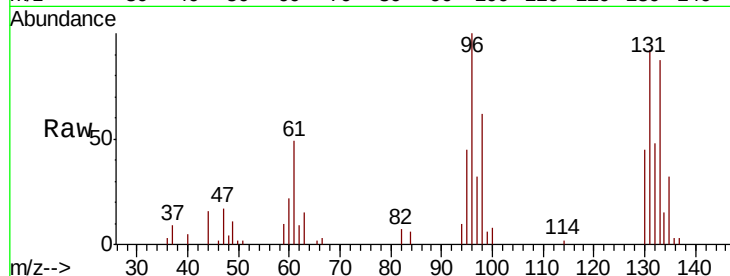
Ion Ratio Lower Upper

95 100

97 71.5 44.7 82.9

132 105.1 67.0 124.4

130 98.9 70.8 131.6

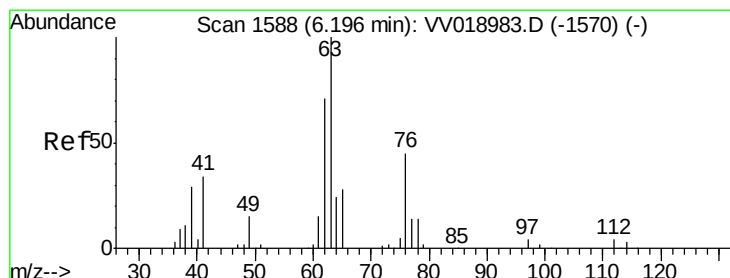
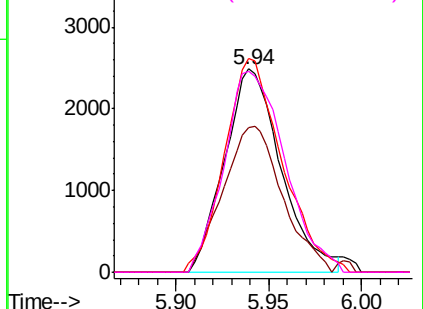
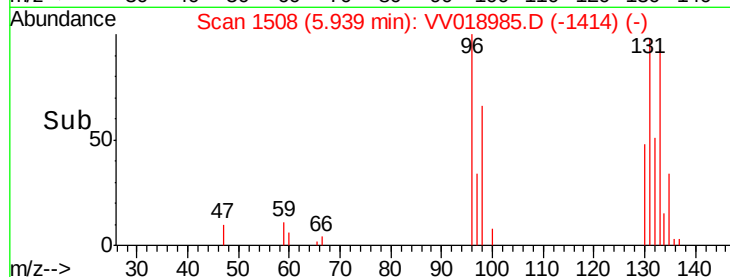


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#37

1,2-Dichloropropane

Concen: 5.632 ug/L

RT: 6.09 min Scan# 1555

Delta R.T. -0.11 min

Lab File: VV018985.D

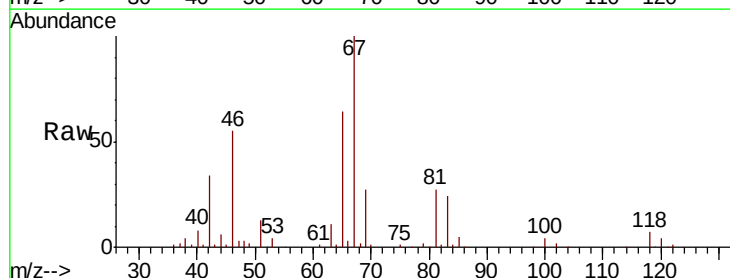
Acq: 19 Oct 2020 23:34

Tgt Ion: 63 Resp: 14465

Ion Ratio Lower Upper

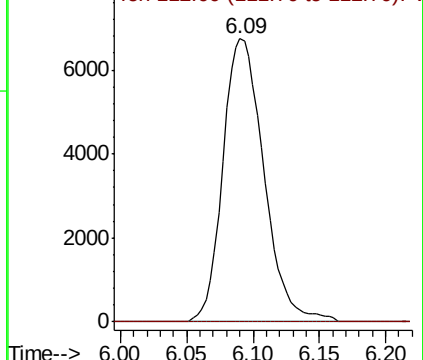
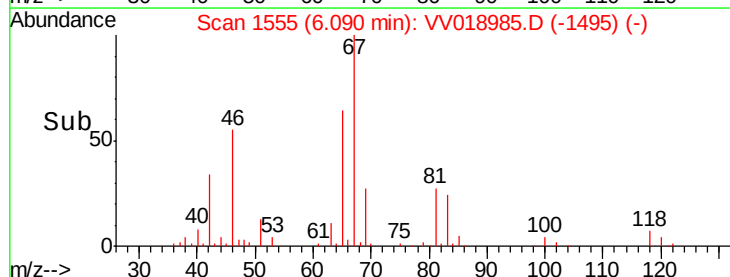
63 100

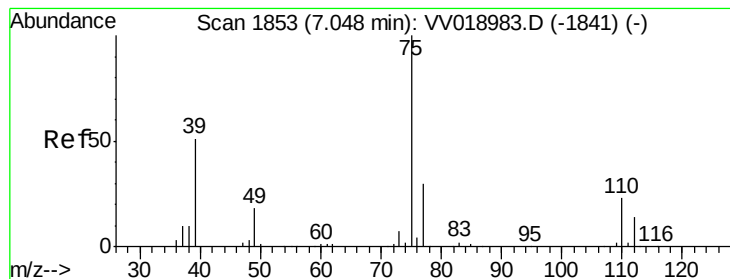
112 0.0 3.3 4.9#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V





#39

cis-1,3-Dichloropropene

Concen: 0.886 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV018985.D

Acq: 19 Oct 2020 23:34

Instrument :

MSVOA_V

ClientSampleId :

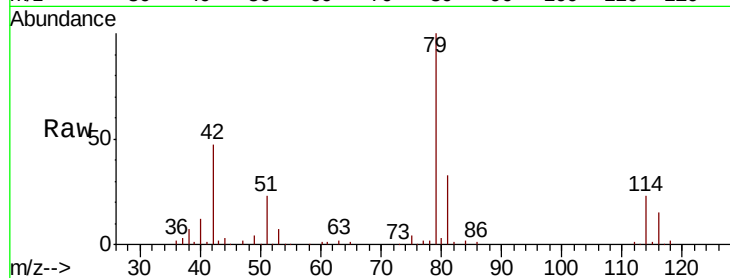
BG3Z7DL

Tot Ion: 75 Resp: 3420

Ion Ratio Lower Upper

75 100

77 50.7 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VV018983.D (-1841) (-)

Ion 77.00 (76.70 to 77.70): VV018983.D (-1841) (-)

7.01

2000

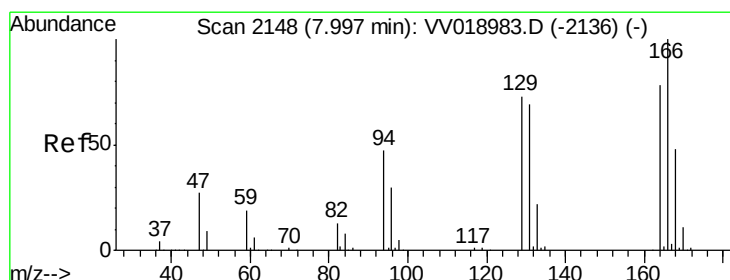
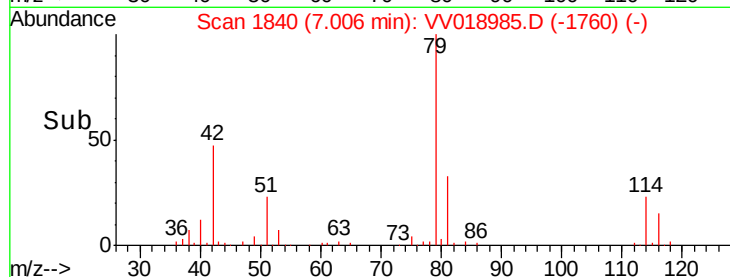
1500

1000

500

0

Time--> 6.95 7.00 7.05



#46

Tetrachloroethene

Concen: 45.997 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV018985.D

Acq: 19 Oct 2020 23:34

Tgt Ion:164 Resp: 89689

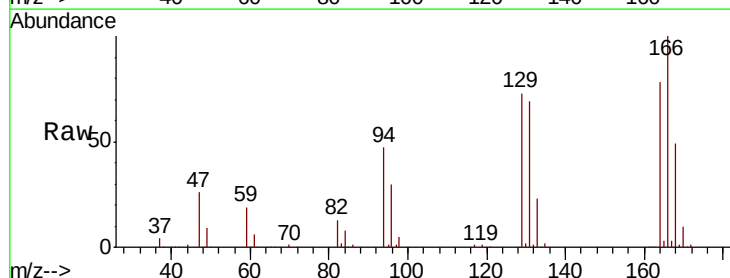
Ion Ratio Lower Upper

164 100

129 93.1 65.0 120.8

131 88.1 62.9 116.7

166 127.9 91.1 169.3



Abundance Ion 164.00 (163.70 to 164.70): VV018983.D (-2136) (-)

Ion 129.00 (128.70 to 129.70): VV018983.D (-2136) (-)

Ion 131.00 (130.70 to 131.70): VV018983.D (-2136) (-)

Ion 166.00 (165.70 to 166.70): VV018983.D (-2136) (-)

8.00

100000

80000

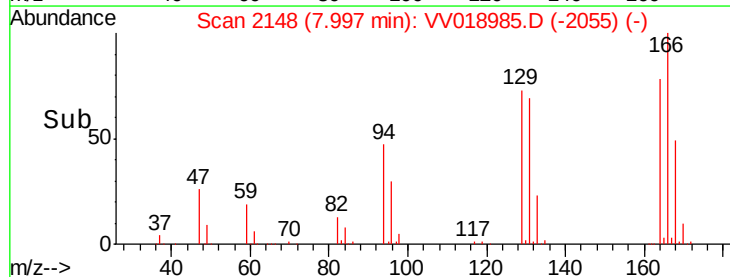
60000

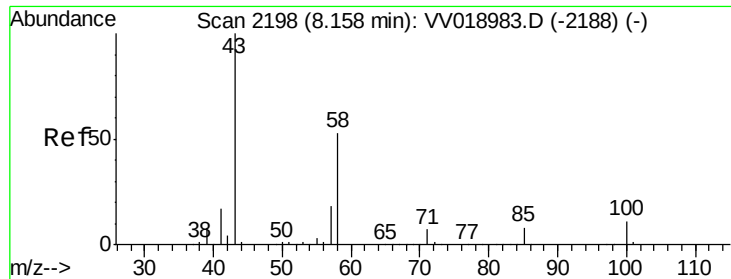
40000

20000

0

Time--> 7.95 8.00 8.05

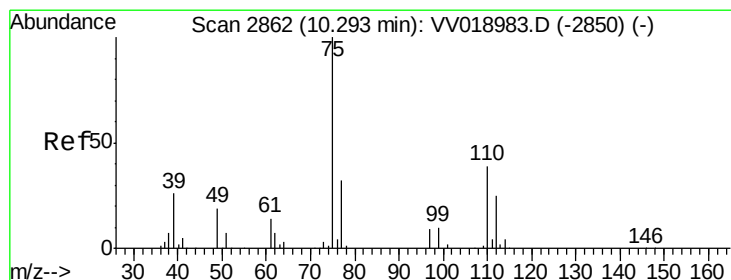
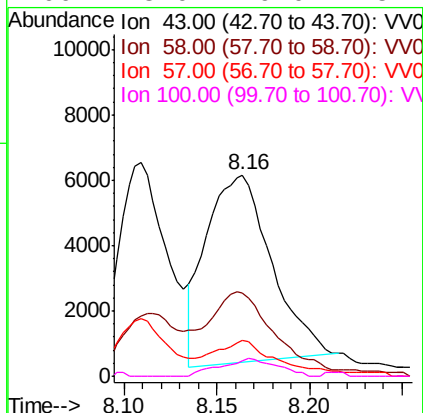
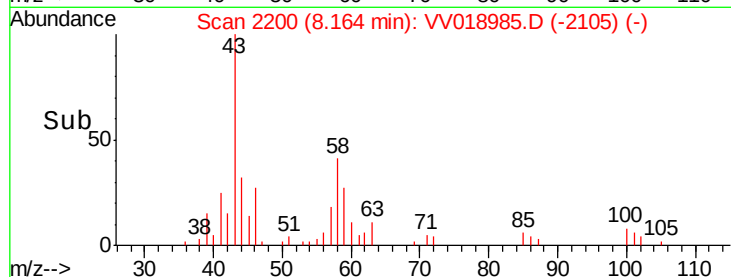
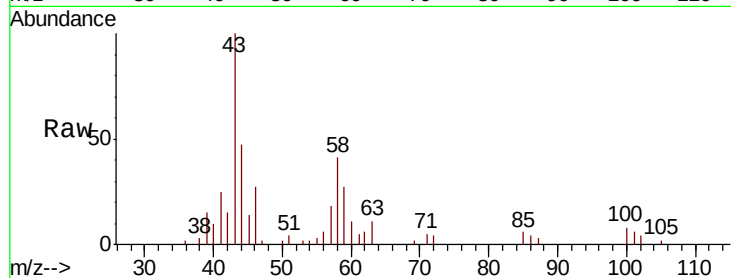




#48
2-Hexanone
Concen: 4.999 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV018985.D
Acq: 19 Oct 2020 23:34

Instrument :
MSVOA_V
ClientSampleId :
BG3Z7DL

Tot Ion: 43 Resp: 14040
Ion Ratio Lower Upper
43 100
58 38.5 42.5 63.7#
57 11.9 14.5 21.7#
100 8.0 9.0 13.4#



#59
1,2,3-Trichloropropane
Concen: 5.668 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018985.D
Acq: 19 Oct 2020 23:34

Tgt Ion: 75 Resp: 17621
Ion Ratio Lower Upper
75 100
77 39.1 25.4 38.2#

