

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101420\
 Data File : VV018901.D
 Acq On : 14 Oct 2020 18:20
 Operator : SY/MD
 Sample : L4382-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG400

Quant Time: Oct 15 02:09:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 15 02:07:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	256261	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	256672	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	120792	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	123989	58.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	117.56%
7) Chloroethane-d5	1.58	69	97670	58.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	116.88%
11) 1,1-Dichloroethene-d2	2.12	63	180155	45.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.48%
21) 2-Butanone-d5	3.91	46	154136	104.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.83%
24) Chloroform-d	4.38	84	217821	57.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.94%
26) 1,2-Dichloroethane-d4	5.06	65	150327	59.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.52%
32) Benzene-d6	5.07	84	443516	59.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.38%
36) 1,2-Dichloropropane-d6	6.09	67	141357	59.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	118.00%
41) Toluene-d8	7.34	98	387105	57.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.18%
43) trans-1,3-Dichloropropene-	7.64	79	66455	56.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	113.50%
47) 2-Hexanone-d5	8.11	63	84395	94.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.83%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	142948	50.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.82%
64) 1,2-Dichlorobenzene-d4	11.65	152	154516	62.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	125.74%#

Target Compounds

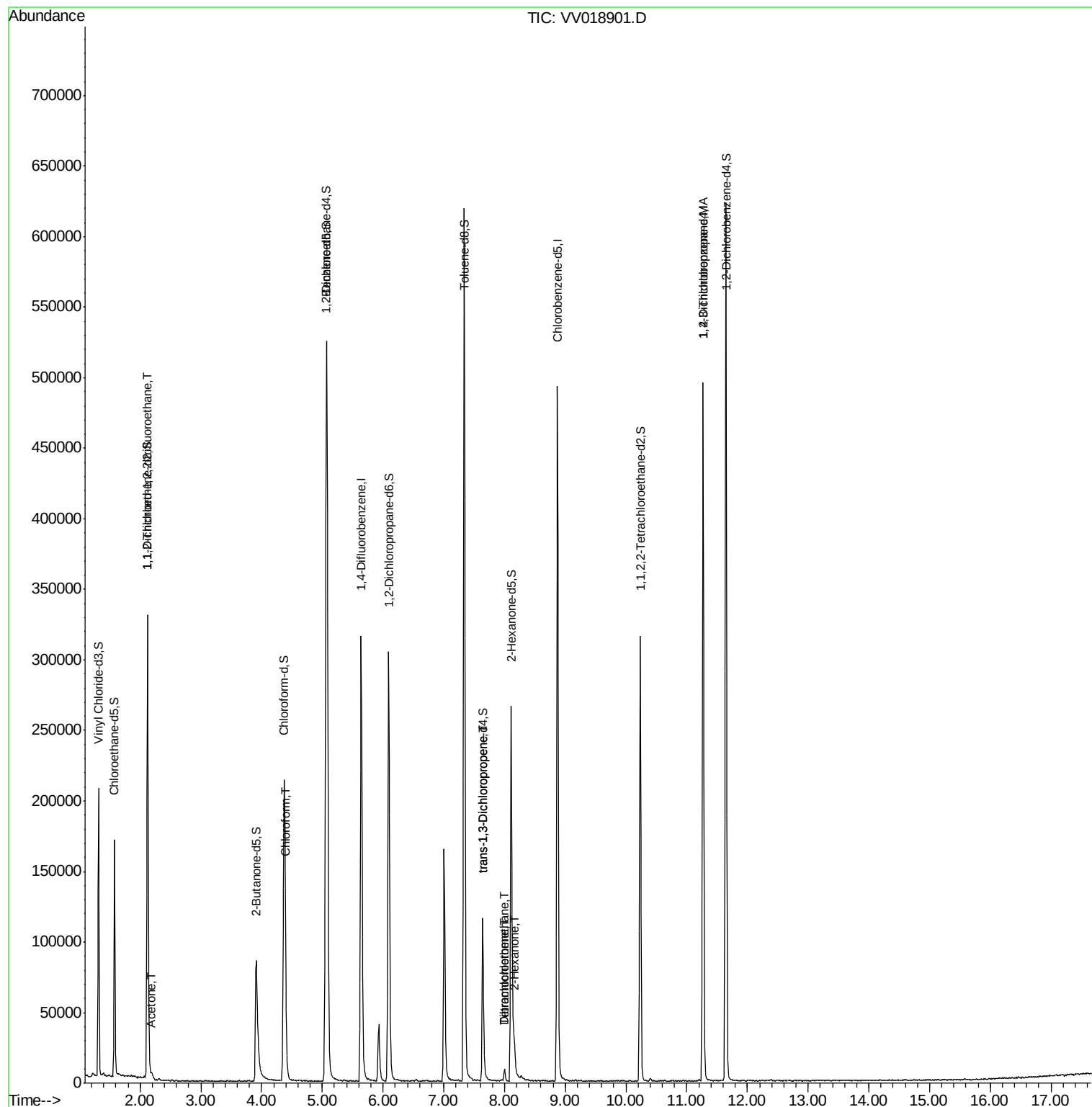
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1748	1.051	ug/L #	20
13) Acetone	2.19	43	5491	5.111	ug/L	94
25) Chloroform	4.40	83	5609	1.533	ug/L	98
44) trans-1,3-Dichloropropene	7.64	75	2960	0.965	ug/L	91
46) Tetrachloroethene	8.00	164	1841	1.151	ug/L	98
48) 2-Hexanone	8.16	43	13987	6.073	ug/L #	83
49) Dibromochloromethane	8.00	129	1775	0.856	ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	14584	5.720	ug/L #	86

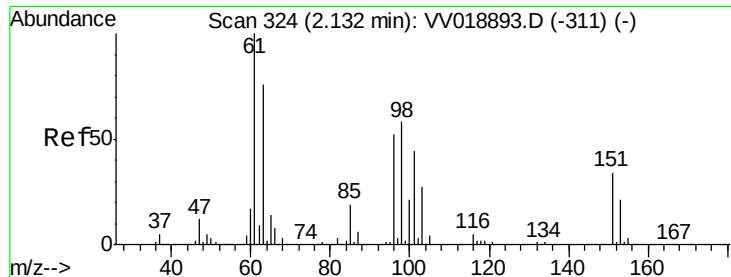
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV101420\
Data File : VV018901.D
Acq On : 14 Oct 2020 18:20
Operator : SY/MD
Sample : L4382-06
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG400

Quant Time: Oct 15 02:09:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 15 02:07:27 2020
Response via : Initial Calibration





#10

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

Concen: 1.051 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018901.D

Acq: 14 Oct 2020 18:20

Instrument :

MSVOA_V

ClientSampled :

BG400

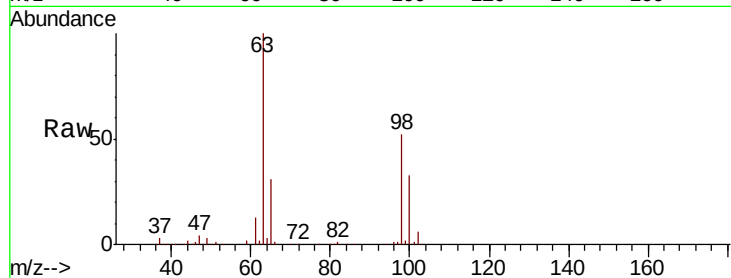
Tot Ion:101 Resp: 1748

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

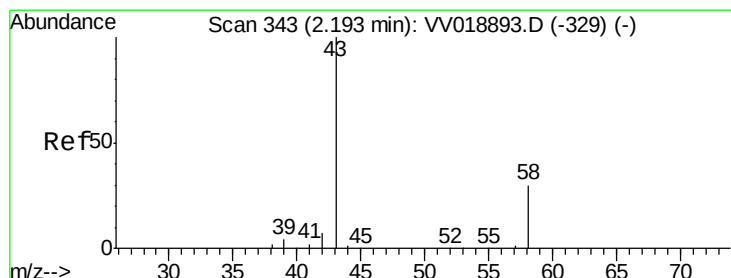
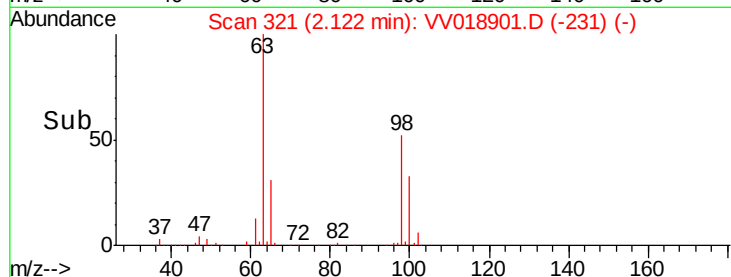
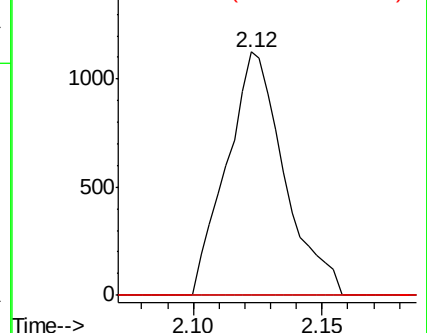
151 0.0 59.7 89.5#



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: 5.111 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV018901.D

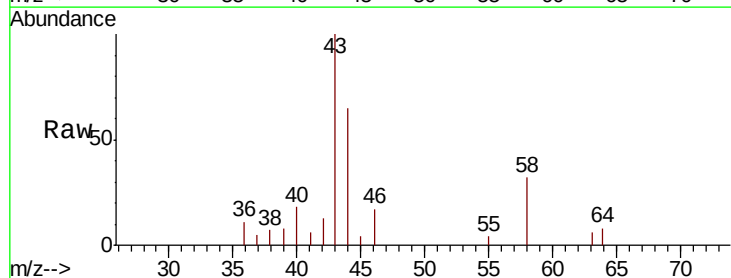
Acq: 14 Oct 2020 18:20

Tgt Ion: 43 Resp: 5491

Ion Ratio Lower Upper

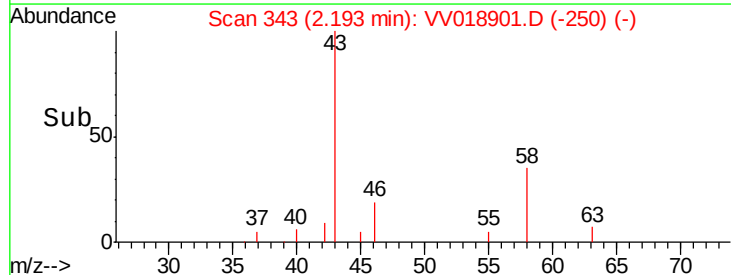
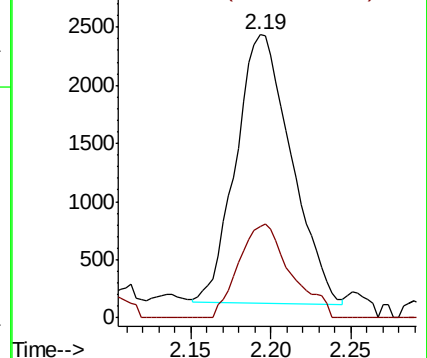
43 100

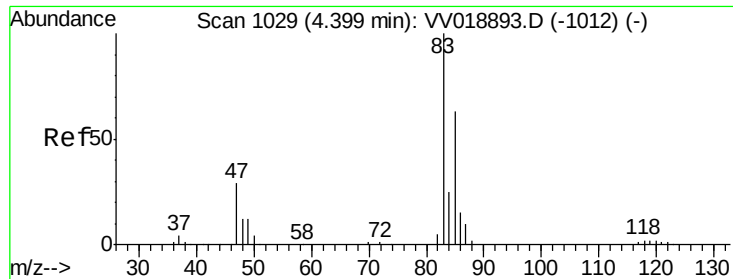
58 32.5 0.0 58.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

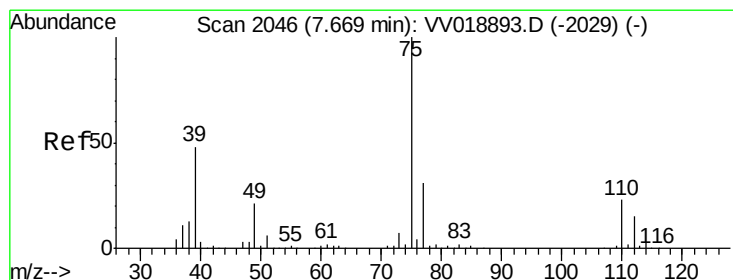
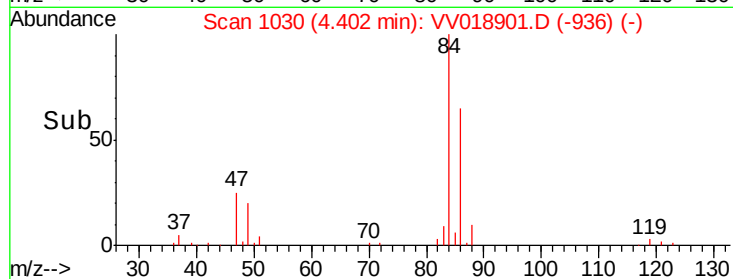
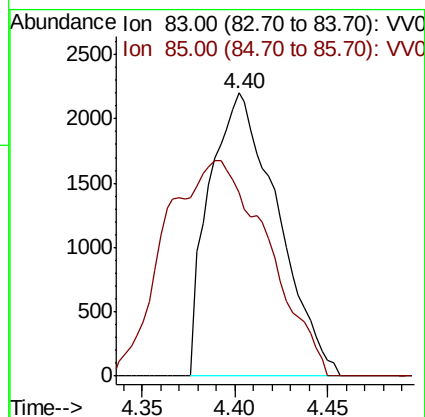
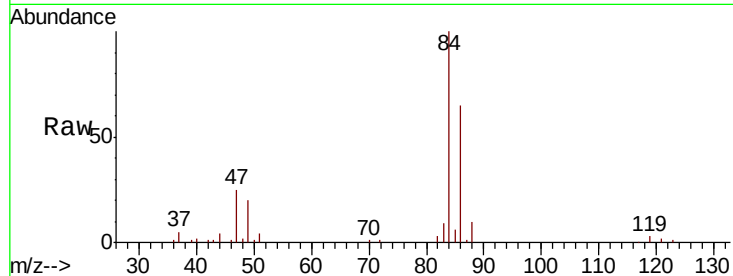




#25
Chloroform
Concen: 1.533 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV018901.D
Acq: 14 Oct 2020 18:20

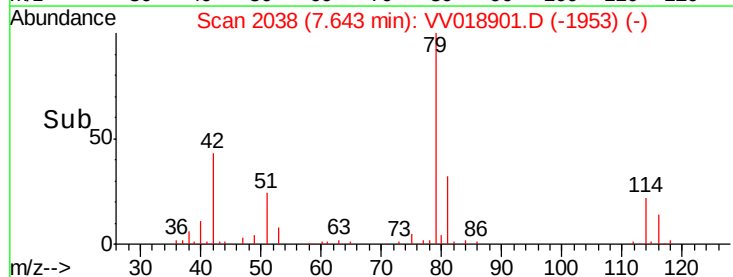
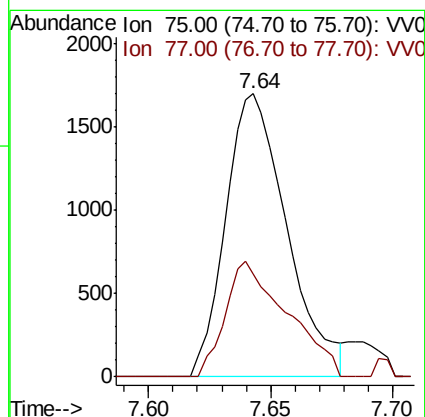
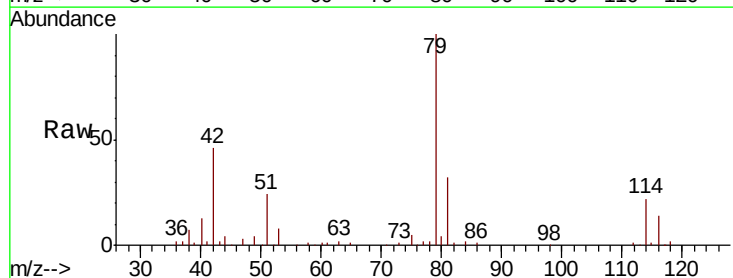
Instrument :
MSVOA_V
ClientSampleId :
BG400

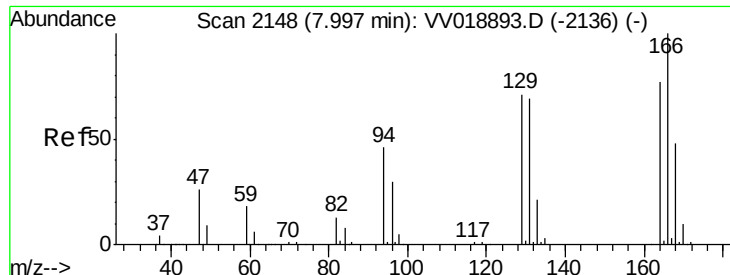
Tot Ion: 83 Resp: 5609
Ion Ratio Lower Upper
83 100
85 65.0 44.6 82.8



#44
trans-1,3-Dichloropropene
Concen: 0.965 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV018901.D
Acq: 14 Oct 2020 18:20

Tgt Ion: 75 Resp: 2960
Ion Ratio Lower Upper
75 100
77 36.5 21.9 40.7





#46

Tetrachloroethene

Concen: 1.151 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV018901.D

Acq: 14 Oct 2020 18:20

Instrument :

MSVOA_V

ClientSampleId :

BG400

Tot Ion:164 Resp: 1841

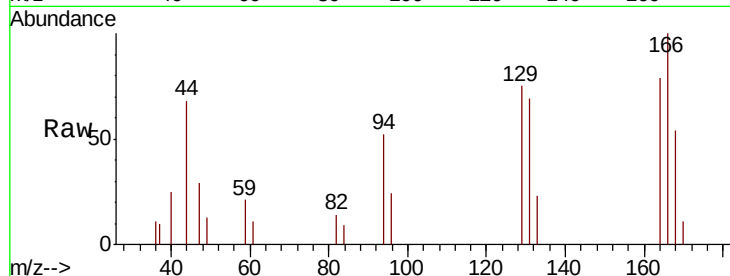
Ion Ratio Lower Upper

164 100

129 94.7 65.0 120.8

131 88.1 62.9 116.7

166 126.9 91.1 169.3

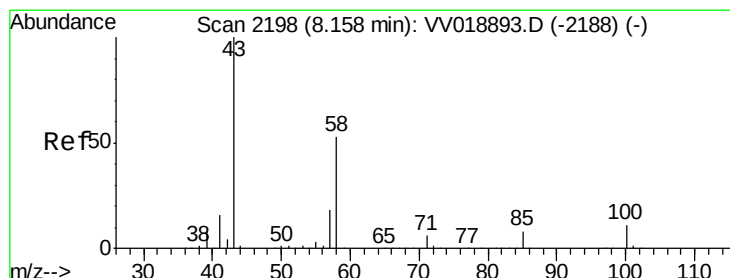
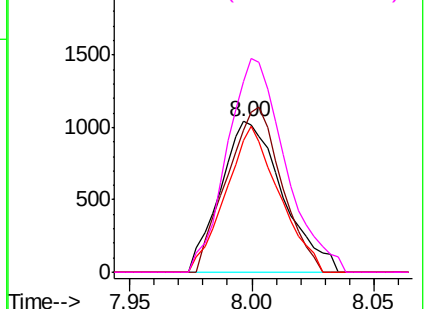
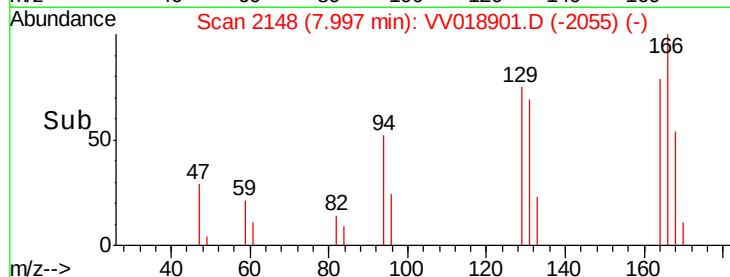


Abundance Ion 164.00 (163.70 to 164.70): V

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: 6.073 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV018901.D

Acq: 14 Oct 2020 18:20

Tgt Ion: 43 Resp: 13987

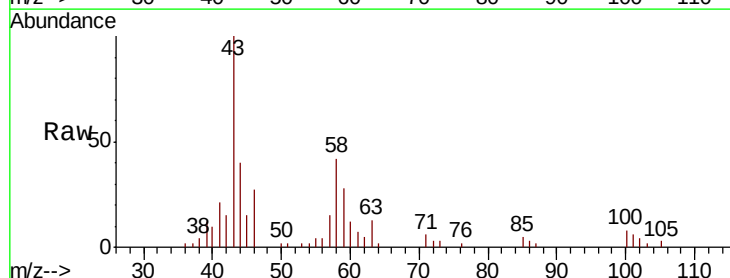
Ion Ratio Lower Upper

43 100

58 35.9 42.5 63.7#

57 18.2 14.5 21.7

100 8.6 9.0 13.4#

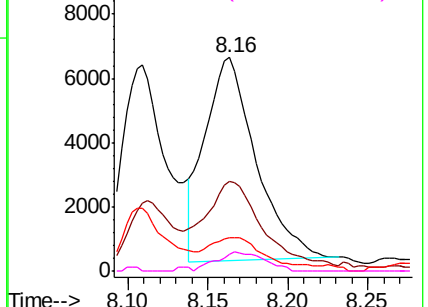
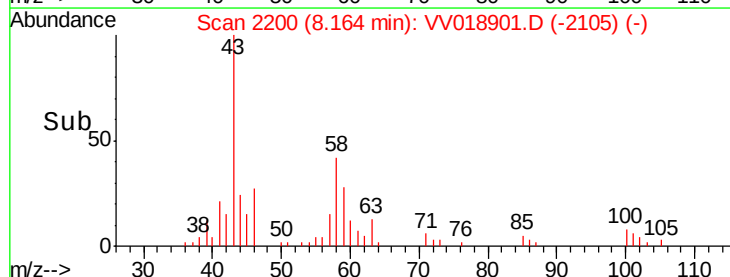


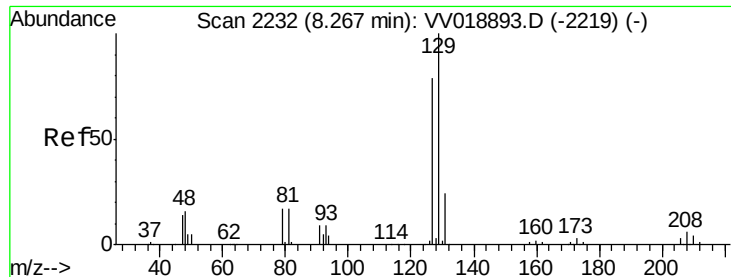
Abundance Ion 43.00 (42.70 to 43.70): VV0

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





#49

Dibromochloromethane

Concen: 0.856 ug/L

RT: 8.00 min Scan# 2150

Delta R.T. -0.26 min

Lab File: VV018901.D

Acq: 14 Oct 2020 18:20

Instrument :

MSVOA_V

ClientSampleId :

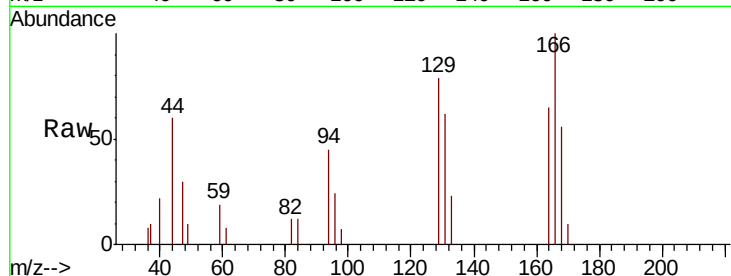
BG400

Tot Ion:129 Resp: 1775

Ion Ratio Lower Upper

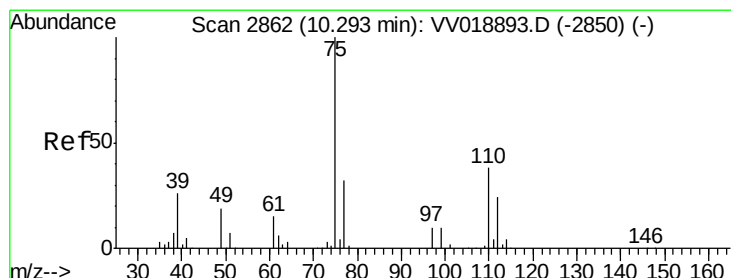
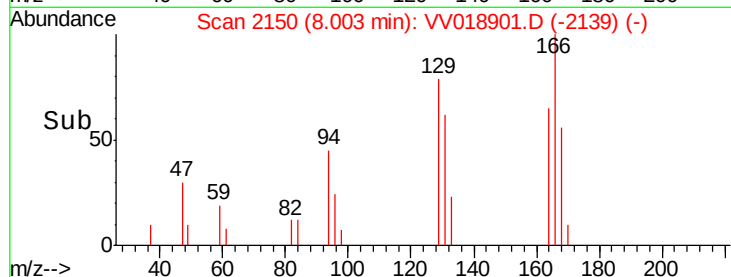
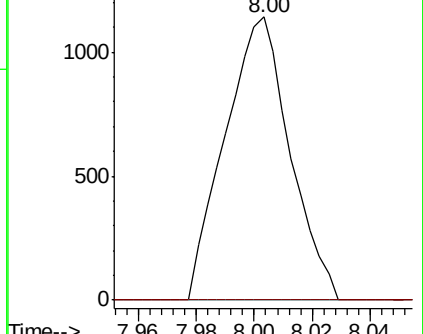
129 100

127 0.0 55.2 102.6#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 5.720 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018901.D

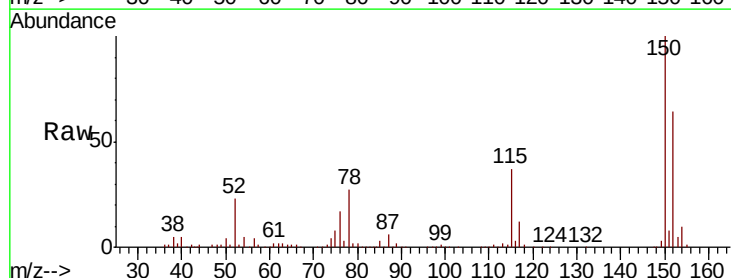
Acq: 14 Oct 2020 18:20

Tgt Ion: 75 Resp: 14584

Ion Ratio Lower Upper

75 100

77 39.6 25.4 38.2#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

