

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082720\
 Data File : VV018124.D
 Acq On : 27 Aug 2020 18:21
 Operator : SY/MD
 Sample : L3800-20 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3G8

Quant Time: Aug 28 06:25:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 28 06:20:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	258121	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	254708	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	122733	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81600	41.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.86%
7) Chloroethane-d5	1.58	69	73690	45.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.46%
11) 1,1-Dichloroethene-d2	2.12	63	127339	33.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.60%
21) 2-Butanone-d5	3.91	46	122572	95.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.02%
24) Chloroform-d	4.38	84	163708	45.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.32%
26) 1,2-Dichloroethane-d4	5.06	65	112322	48.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.48%
32) Benzene-d6	5.08	84	331320	47.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.09	67	108407	47.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.48%
41) Toluene-d8	7.34	98	288340	45.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.36%
43) trans-1,3-Dichloropropene-	7.64	79	50089	48.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.24%
47) 2-Hexanone-d5	8.11	63	62156	84.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.40%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	135042	45.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.38%
64) 1,2-Dichlorobenzene-d4	11.65	152	123601	51.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.34%

Target Compounds

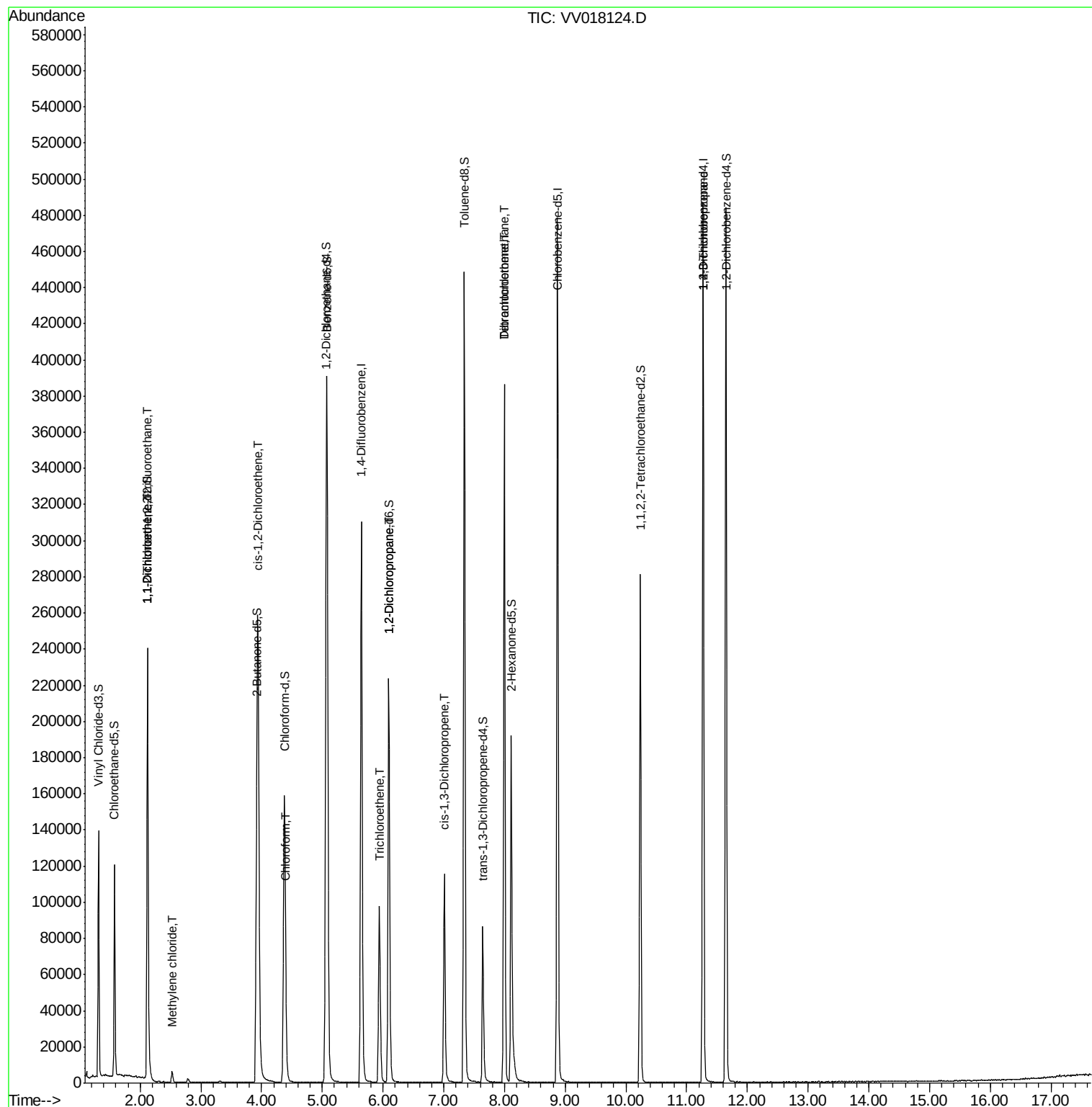
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1205	0.659	ug/L #	20
12) 1,1-Dichloroethene	2.13	96	1215	0.702	ug/L #	1
16) Methylene chloride	2.53	84	2479	1.124	ug/L	95
20) cis-1,2-Dichloroethene	3.94	96	126078	64.461	ug/L	99
25) Chloroform	4.41	83	5002	1.370	ug/L	93
34) Trichloroethene	5.94	95	32069	15.396	ug/L	98
37) 1,2-Dichloropropane	6.10	63	11811	5.496	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2861	0.939	ug/L #	67
46) Tetrachloroethene	8.00	164	85021	55.655	ug/L	99
49) Dibromochloromethane	8.00	129	77743	40.021	ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	14185	5.345	ug/L #	87

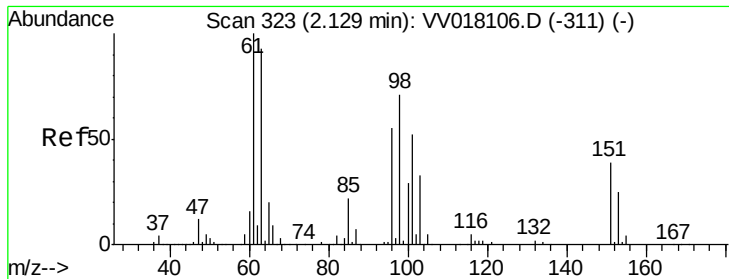
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082720\
Data File : VV018124.D
Acq On : 27 Aug 2020 18:21
Operator : SY/MD
Sample : L3800-20 20X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3G8

Quant Time: Aug 28 06:25:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 28 06:20:16 2020
Response via : Initial Calibration





#10

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

Concen: 0.659 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018124.D

Acq: 27 Aug 2020 18:21

Instrument :

MSVOA_V

ClientSampleId :

BG3G8

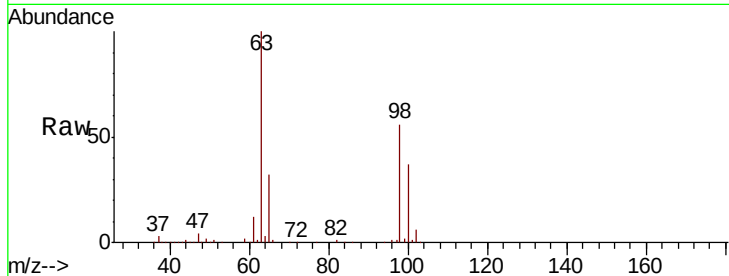
Tot Ion:101 Resp: 1205

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

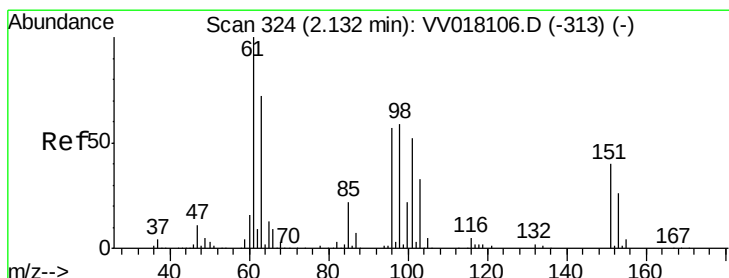
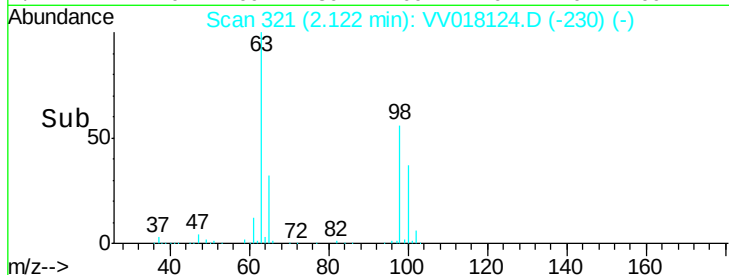
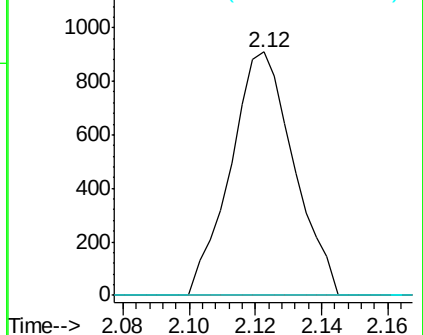
151 0.0 59.1 88.7#



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



#12

1,1-Dichloroethene

Concen: 0.702 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV018124.D

Acq: 27 Aug 2020 18:21

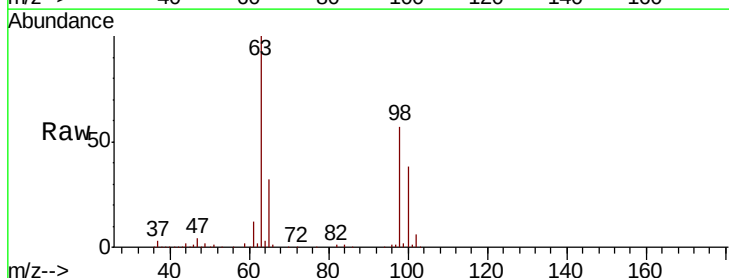
Tgt Ion: 96 Resp: 1215

Ion Ratio Lower Upper

96 100

61 1414.0 127.1 236.0#

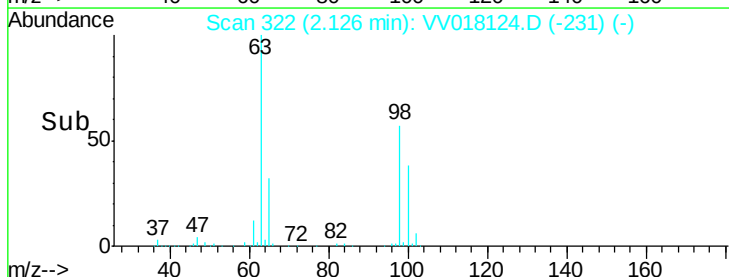
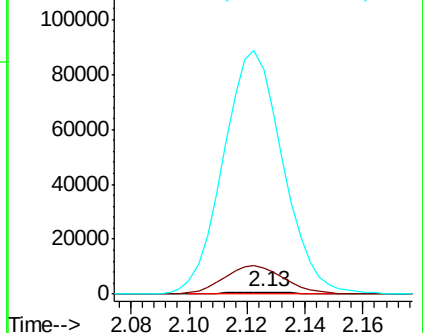
63 12028.3 95.2 176.8#

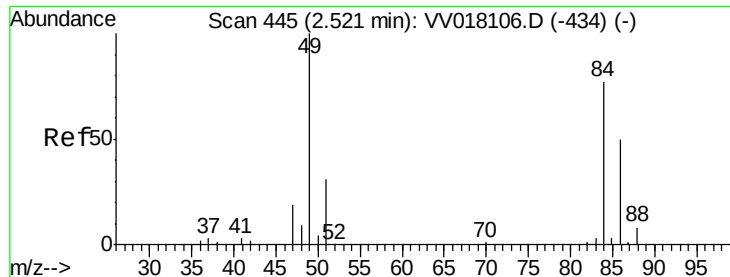


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

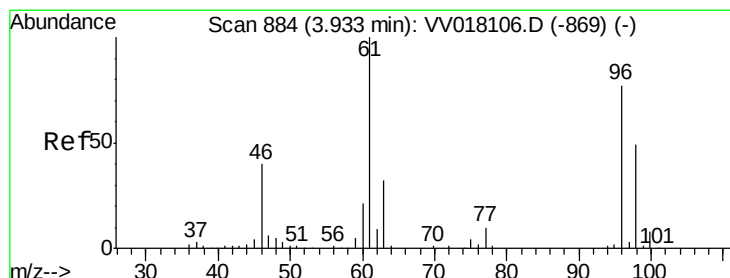
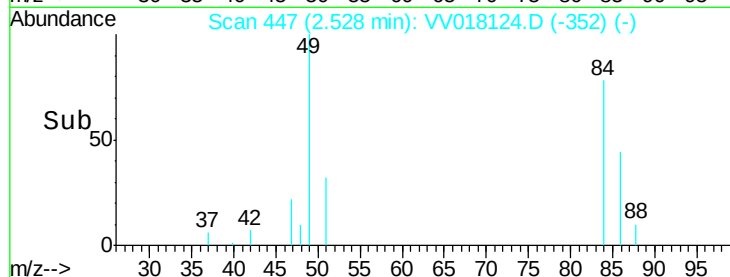
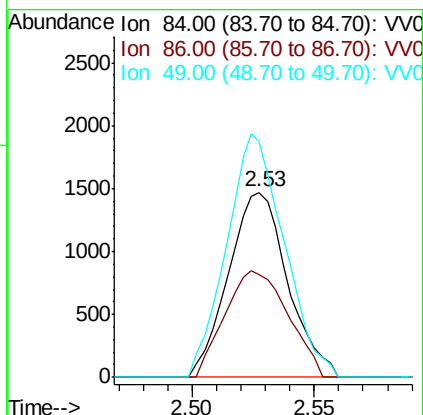
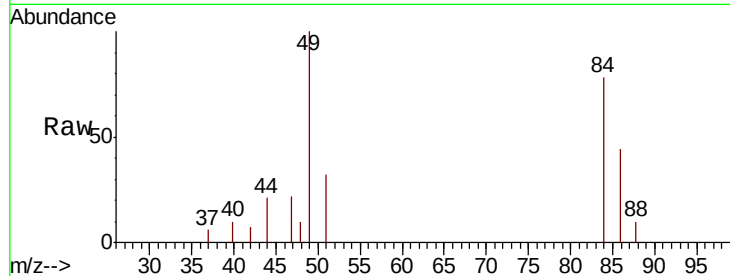




#16
Methylene chloride
Concen: 1.124 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.01 min
Lab File: VV018124.D
Acq: 27 Aug 2020 18:21

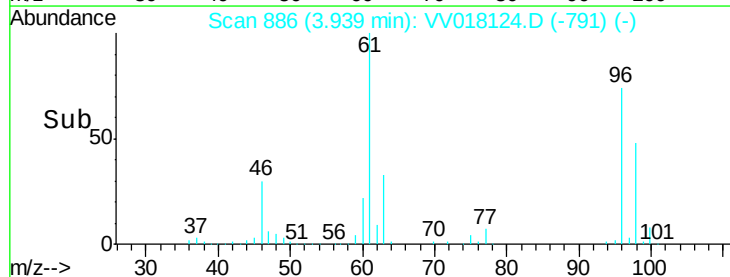
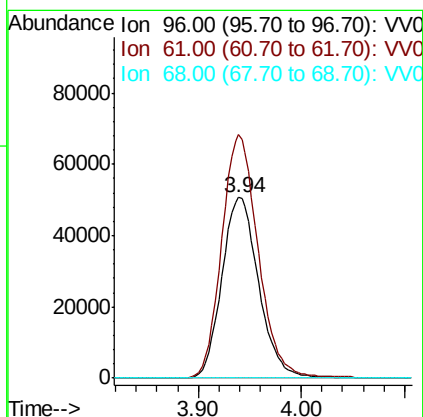
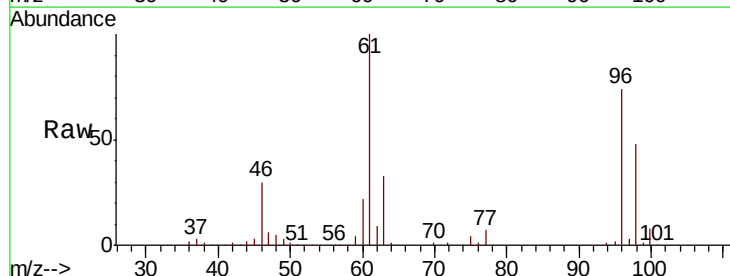
Instrument :
MSVOA_V
ClientSampled :
BG3G8

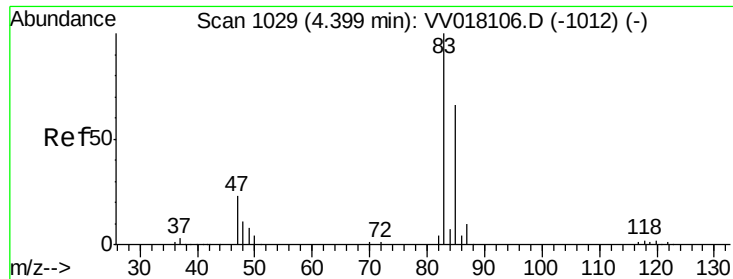
Tot Ion: 84 Resp: 2479
Ion Ratio Lower Upper
84 100
86 55.9 46.3 85.9
49 127.4 89.7 166.5



#20
cis-1,2-Dichloroethene
Concen: 64.461 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.01 min
Lab File: VV018124.D
Acq: 27 Aug 2020 18:21

Tgt Ion: 96 Resp: 126078
Ion Ratio Lower Upper
96 100
61 134.8 95.0 176.4
68 0.0 0.0 0.0

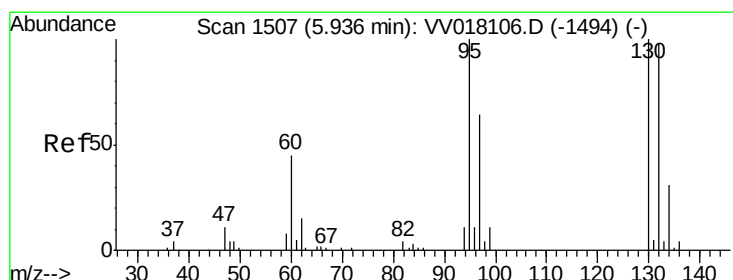
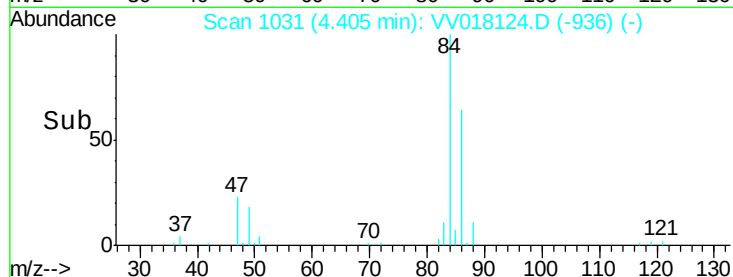
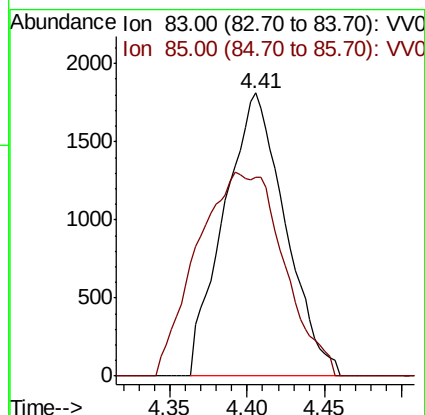
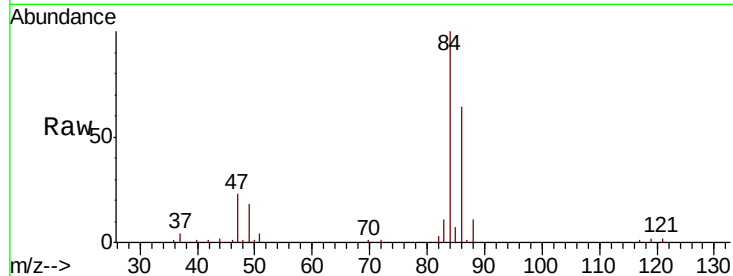




#25
Chloroform
Concen: 1.370 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV018124.D
Acq: 27 Aug 2020 18:21

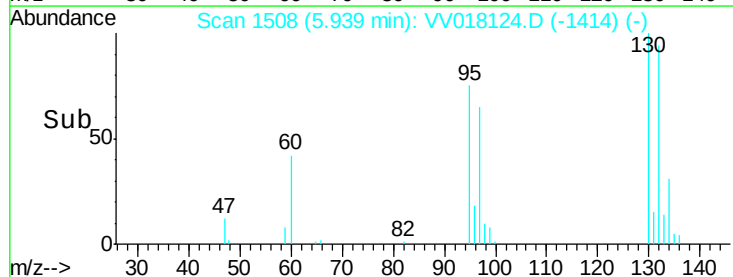
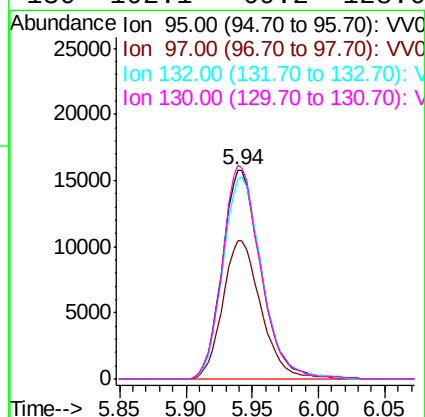
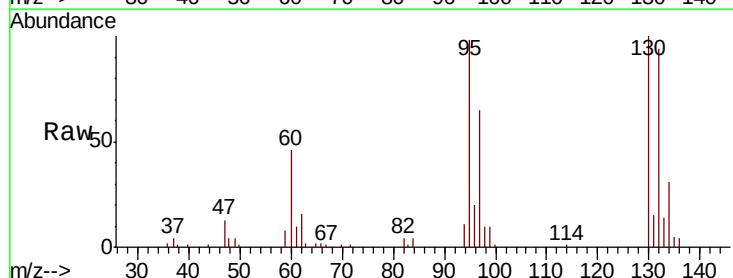
Instrument :
MSVOA_V
ClientSampleId :
BG3G8

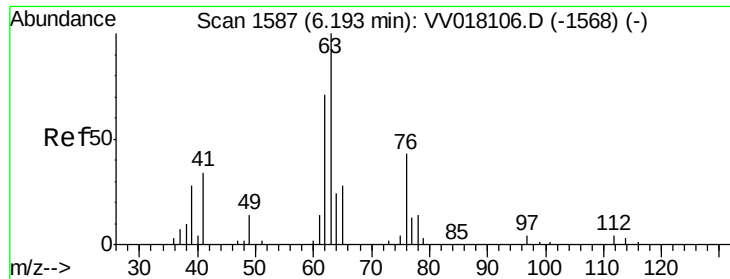
Tot Ion: 83 Resp: 5002
Ion Ratio Lower Upper
83 100
85 70.2 45.5 84.5



#34
Trichloroethene
Concen: 15.396 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV018124.D
Acq: 27 Aug 2020 18:21

Tgt Ion: 95 Resp: 32069
Ion Ratio Lower Upper
95 100
97 66.0 46.0 85.4
132 95.7 65.8 122.2
130 102.1 69.2 128.6

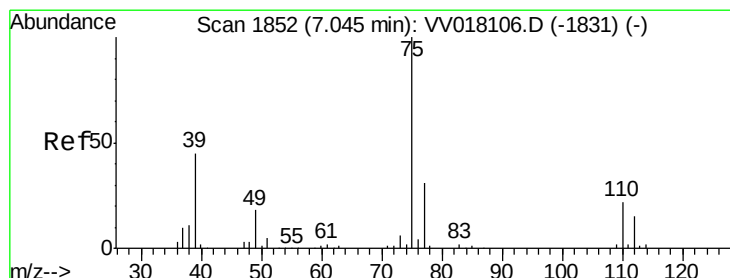
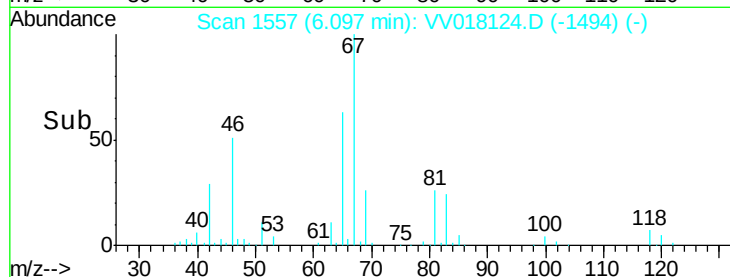
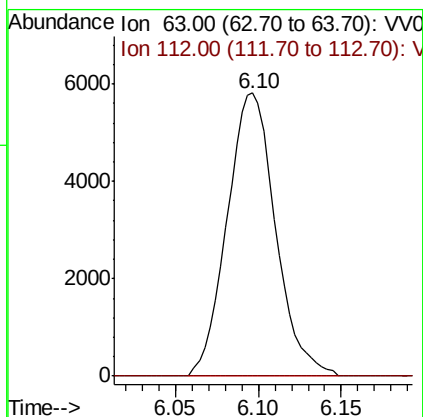
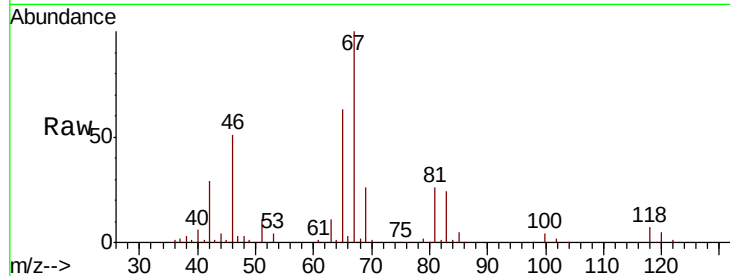




#37
 1,2-Dichloropropane
 Concen: 5.496 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV018124.D
 Acq: 27 Aug 2020 18:21

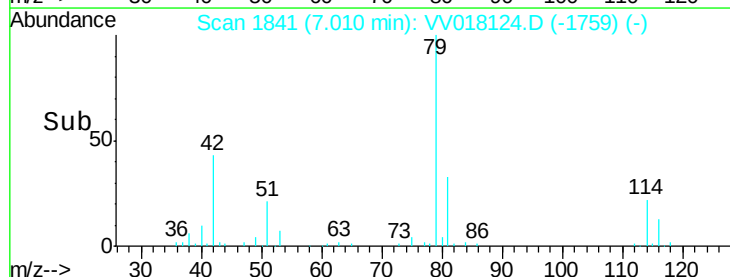
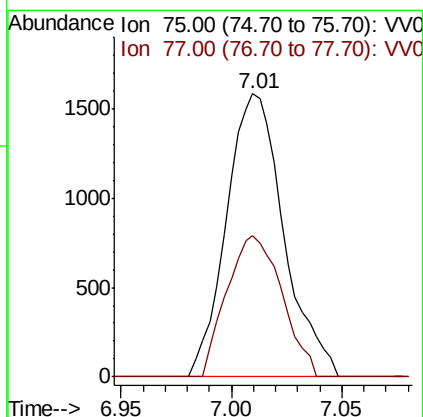
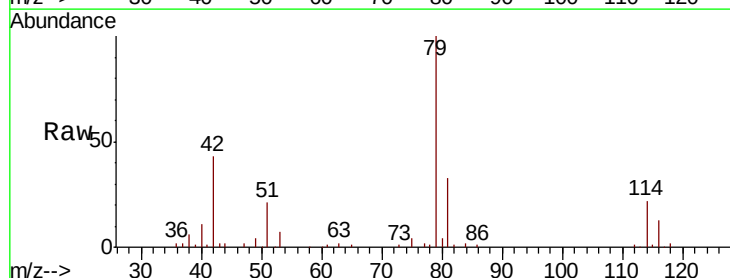
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3G8

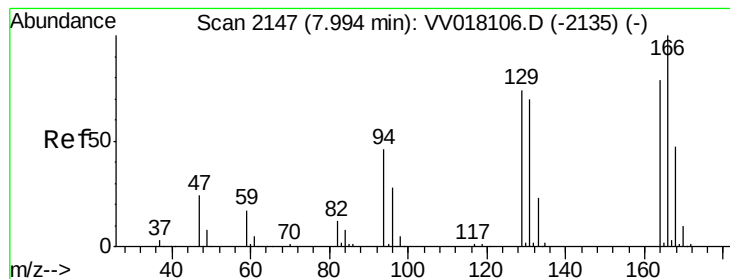
Tot Ion: 63 Resp: 11811
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.939 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018124.D
 Acq: 27 Aug 2020 18:21

Tgt Ion: 75 Resp: 2861
 Ion Ratio Lower Upper
 75 100
 77 50.1 22.3 41.5#





#46

Tetrachloroethene

Concen: 55.655 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018124.D

Acq: 27 Aug 2020 18:21

Instrument :

MSVOA_V

ClientSampleId :

BG3G8

Tot Ion:164 Resp: 85021

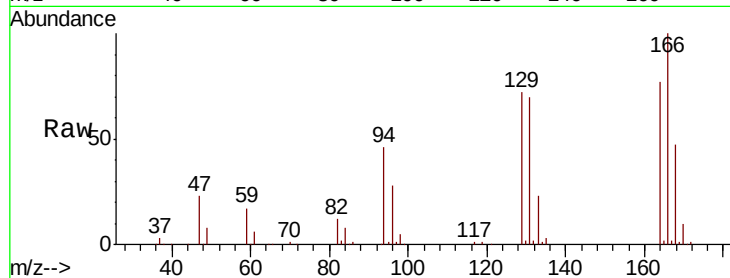
Ion Ratio Lower Upper

164 100

129 93.0 64.8 120.3

131 90.3 64.5 119.9

166 129.0 88.9 165.1

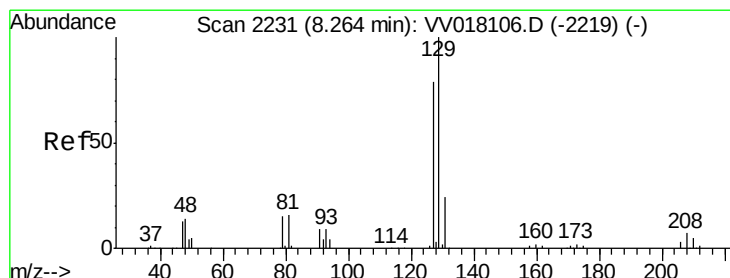
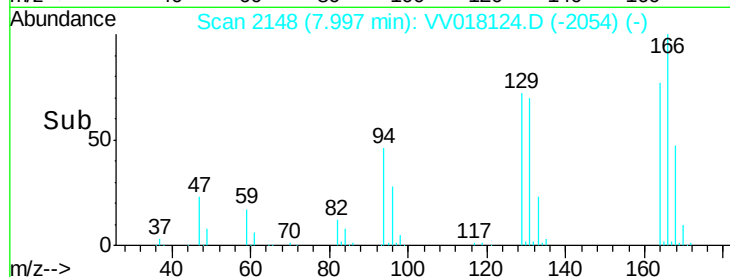
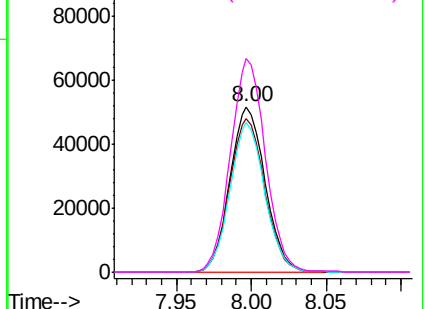


Abundance Ion 164.00 (163.70 to 164.70): V

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



#49

Dibromochloromethane

Concen: 40.021 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV018124.D

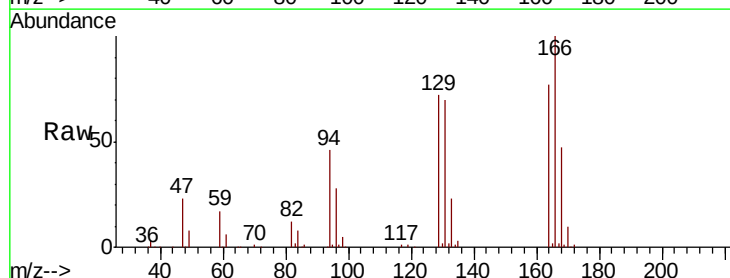
Acq: 27 Aug 2020 18:21

Tgt Ion:129 Resp: 77743

Ion Ratio Lower Upper

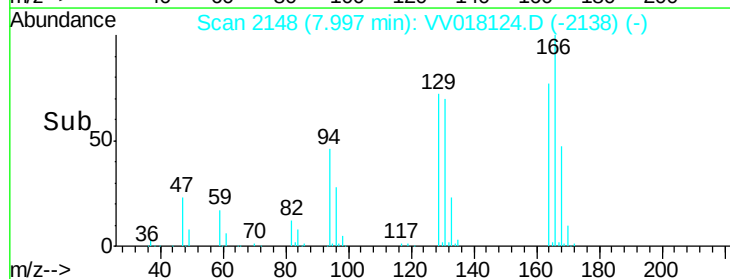
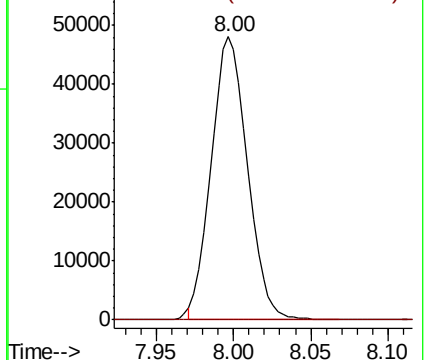
129 100

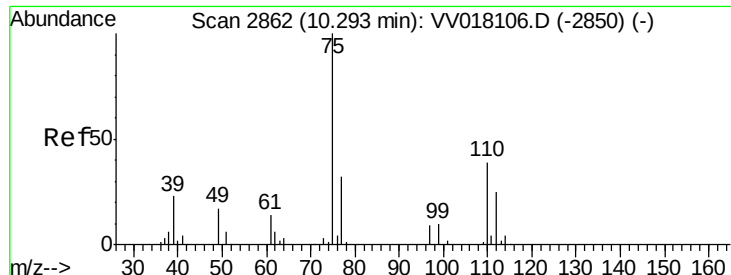
127 0.0 54.9 101.9#



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: 5.345 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018124.D
 Acq: 27 Aug 2020 18:21

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3G8

Tot Ion: 75 Resp: 14185
 Ion Ratio Lower Upper
 75 100
 77 39.2 25.7 38.5#

