

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100920\
 Data File : VV018787.D
 Acq On : 09 Oct 2020 02:13
 Operator : SY/MD
 Sample : L4239-14DL 400X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Q8DL

Quant Time: Oct 09 07:34:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 09 07:31:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	321904	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	313015	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	171309	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	137914	47.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.30%
7) Chloroethane-d5	1.58	69	113981	48.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.82%
11) 1,1-Dichloroethene-d2	2.12	63	207440	36.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.58%
21) 2-Butanone-d5	3.90	46	174247	97.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.02%
24) Chloroform-d	4.37	84	234047	45.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.70%
26) 1,2-Dichloroethane-d4	5.06	65	166916	47.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.44%
32) Benzene-d6	5.07	84	468257	46.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.96%
36) 1,2-Dichloropropane-d6	6.09	67	168959	51.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.88%
41) Toluene-d8	7.34	98	447506	50.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.08%
43) trans-1,3-Dichloropropene-	7.64	79	75584	47.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.16%
47) 2-Hexanone-d5	8.11	63	100789	87.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.55%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	157781	41.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.52%
64) 1,2-Dichlorobenzene-d4	11.65	152	184036	48.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.08%

Target Compounds

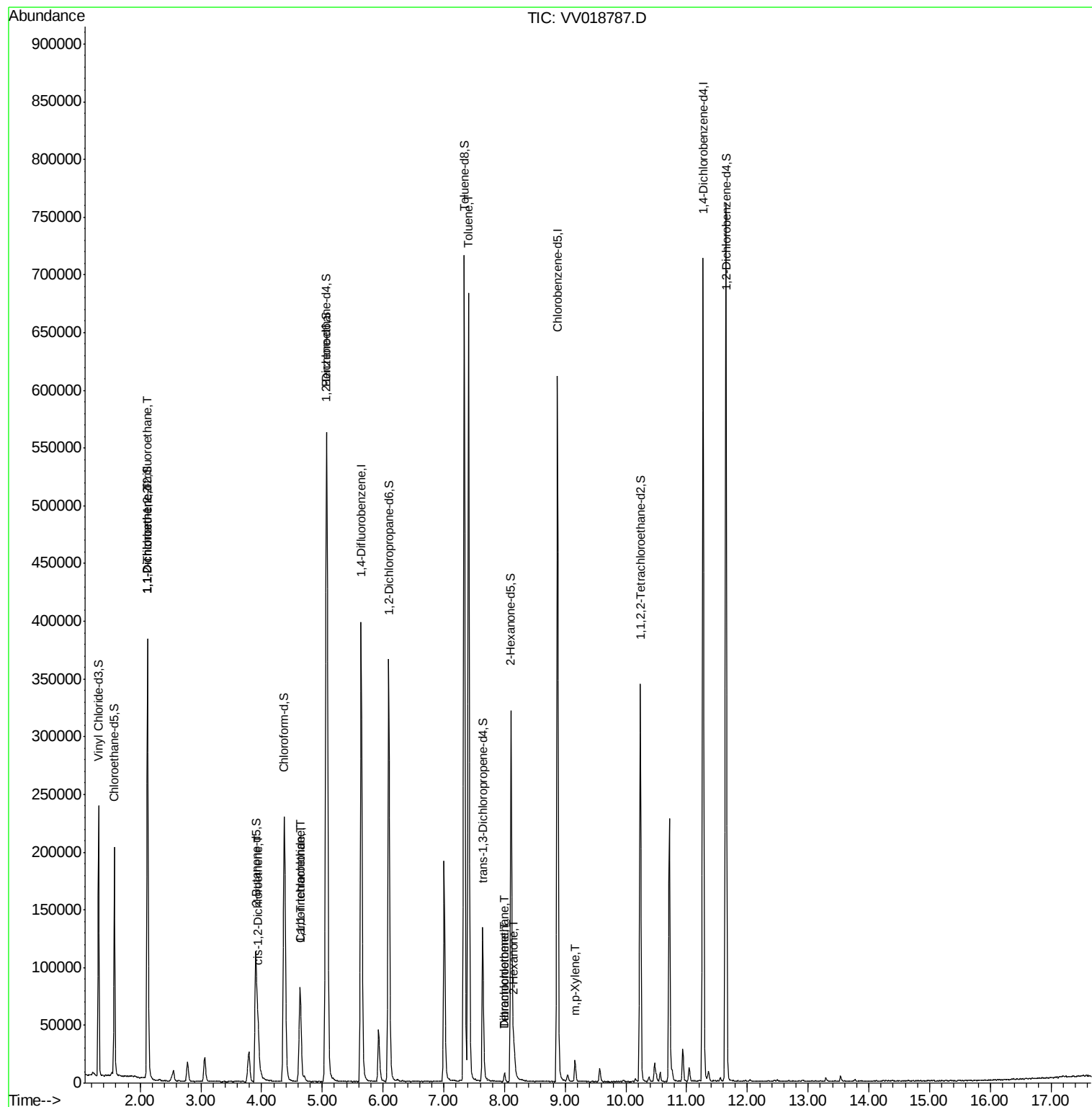
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1833	0.792 ug/L #	19
12) 1,1-Dichloroethene	2.13	96	2053	0.921 ug/L #	1
20) cis-1,2-Dichloroethene	3.95	96	16618	6.686 ug/L	98
30) 1,1,1-Trichloroethane	4.64	97	65359	15.667 ug/L	99
31) Carbon tetrachloride	4.64	117	8812	2.506 ug/L	93
42) Toluene	7.41	91	481305	47.186 ug/L	98
46) Tetrachloroethene	8.00	164	1729	0.825 ug/L	93
48) 2-Hexanone	8.16	43	13836	4.944 ug/L #	83
49) Dibromochloromethane	8.00	129	1477	0.552 ug/L #	10
53) m,p-Xylene	9.16	106	5480	1.289 ug/L	96

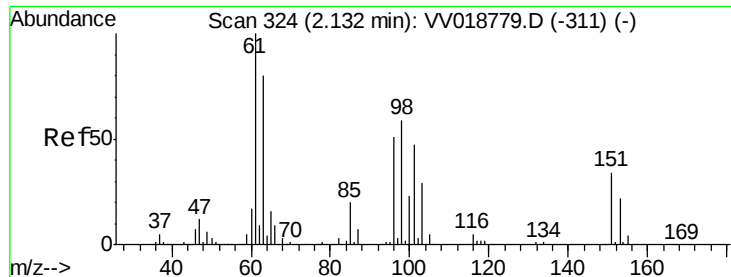
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 09 07:31:27 2020
Response via : Initial Calibration





#10

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

Concen: 0.792 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV018787.D

Acq: 09 Oct 2020 02:13

Instrument :

MSVOA_V

ClientSampleId :

BG3Q8DL

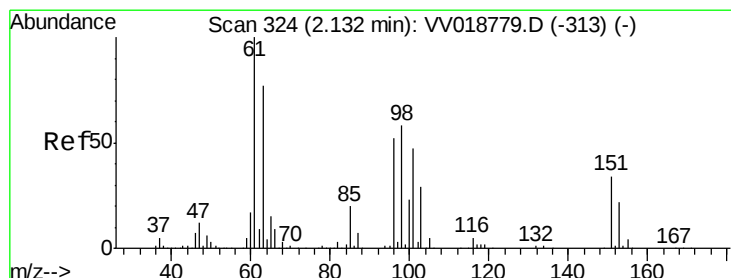
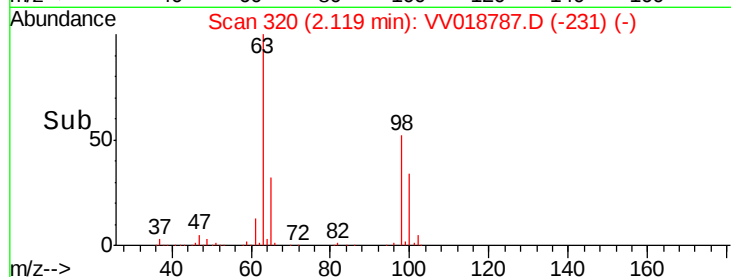
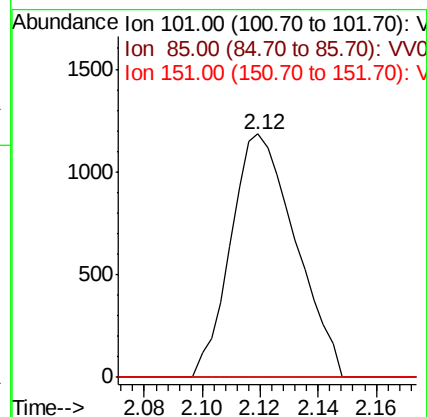
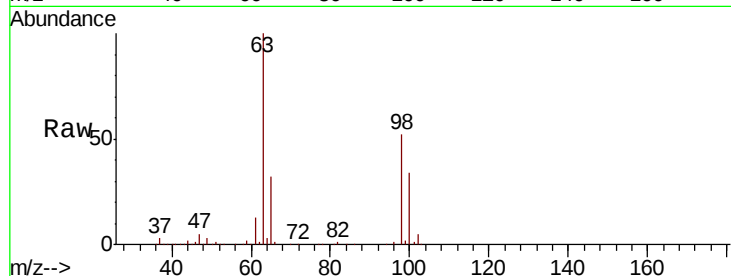
Tot Ion:101 Resp: 1833

Ion Ratio Lower Upper

101 100

85 0.0 35.9 53.9#

151 0.0 59.8 89.8#



#12

1,1-Dichloroethene

Concen: 0.921 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV018787.D

Acq: 09 Oct 2020 02:13

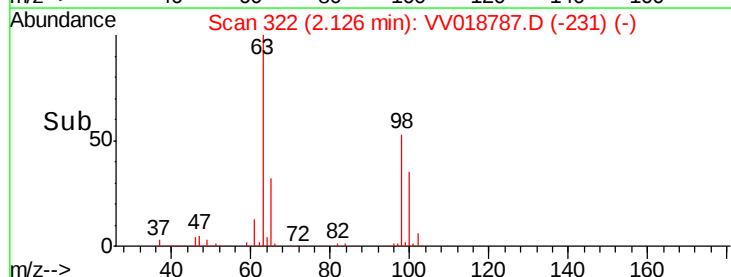
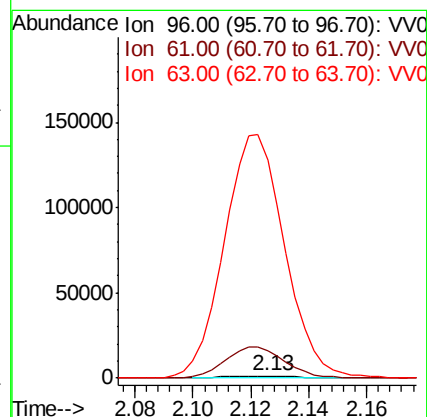
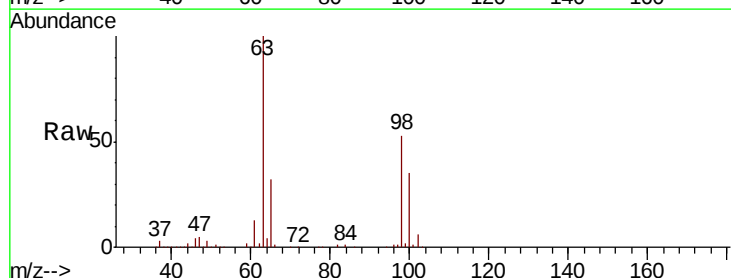
Tgt Ion: 96 Resp: 2053

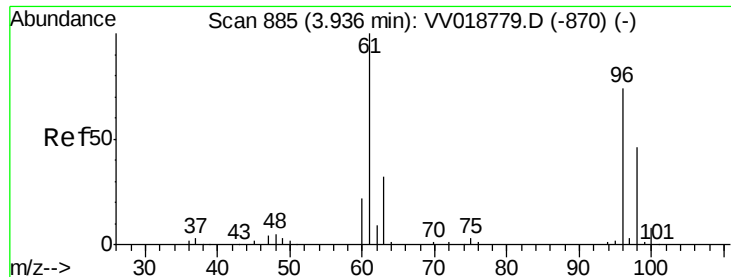
Ion Ratio Lower Upper

96 100

61 1288.4 133.6 248.0#

63 10140.5 108.4 201.4#

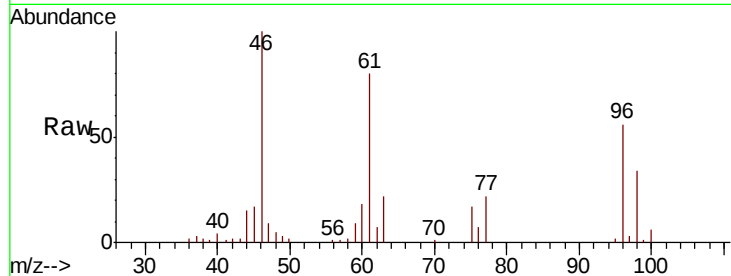




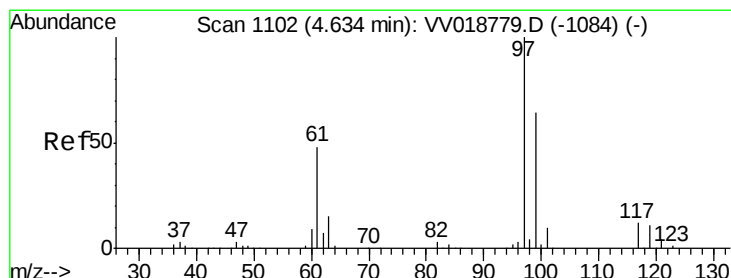
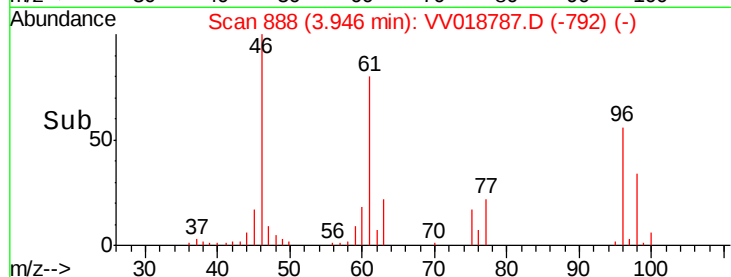
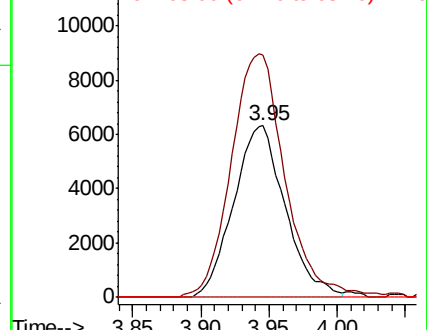
#20
 cis-1,2-Dichloroethene
 Concen: 6.686 ug/L
 RT: 3.95 min Scan# 888
 Delta R.T. 0.01 min
 Lab File: VV018787.D
 Acq: 09 Oct 2020 02:13

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Q8DL

Tot Ion: 96 Resp: 16618
 Ion Ratio Lower Upper
 96 100
 61 141.7 97.3 180.7
 68 0.0 0.0 0.0

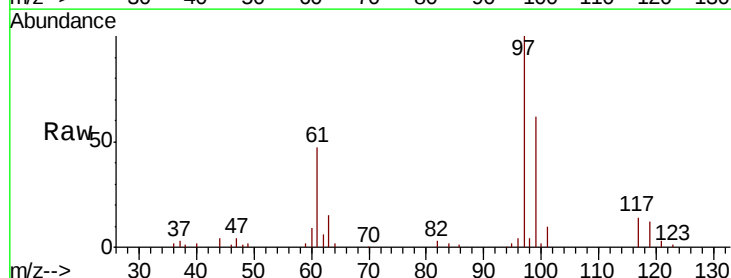


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0

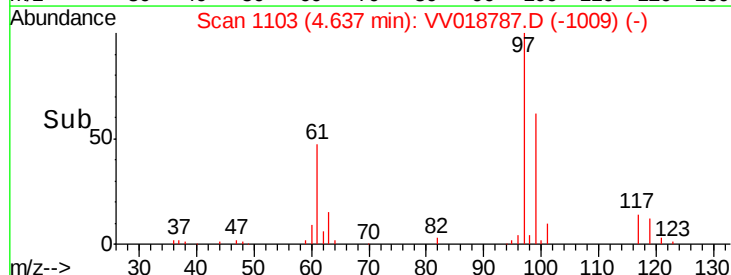
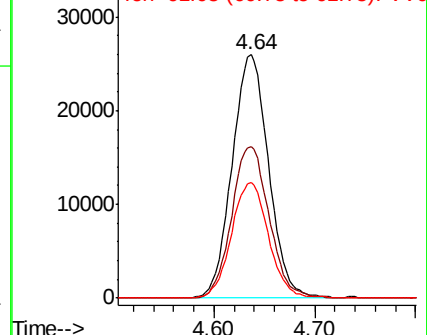


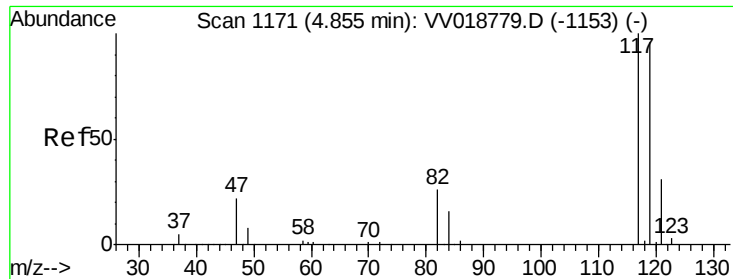
#30
 1,1,1-Trichloroethane
 Concen: 15.667 ug/L
 RT: 4.64 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VV018787.D
 Acq: 09 Oct 2020 02:13

Tgt Ion: 97 Resp: 65359
 Ion Ratio Lower Upper
 97 100
 99 63.7 51.0 76.4
 61 48.1 37.0 55.4



Abundance Ion 97.00 (96.70 to 97.70): VV0
 Ion 99.00 (98.70 to 99.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0





#31

Carbon tetrachloride

Concen: 2.506 ug/L

RT: 4.64 min Scan# 1103

Delta R.T. -0.22 min

Lab File: VV018787.D

Acq: 09 Oct 2020 02:13

Instrument :

MSVOA_V

ClientSampleId :

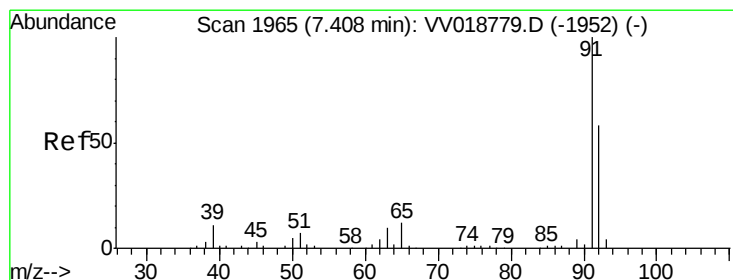
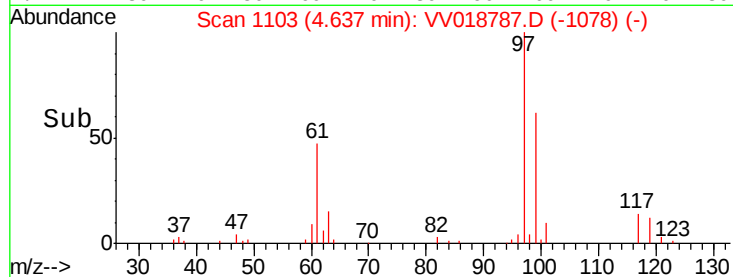
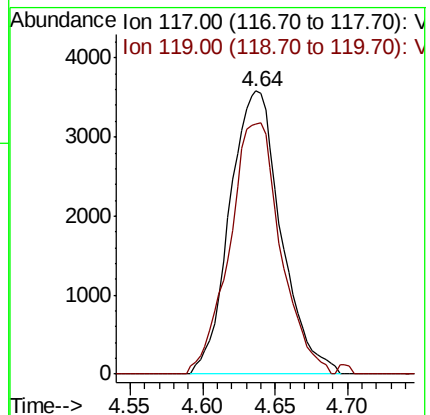
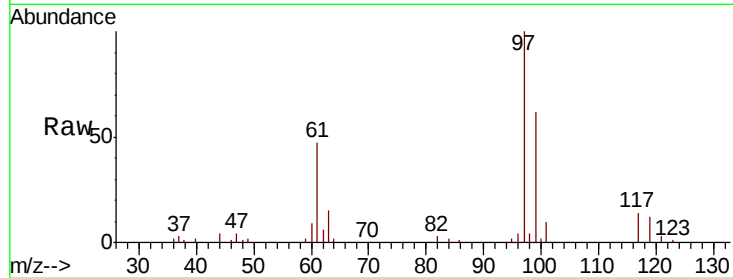
BG3Q8DL

Tot Ion:117 Resp: 8812

Ion Ratio Lower Upper

117 100

119 88.5 76.3 114.5



#42

Toluene

Concen: 47.186 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VV018787.D

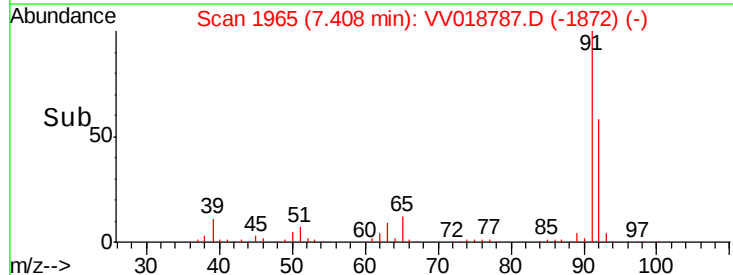
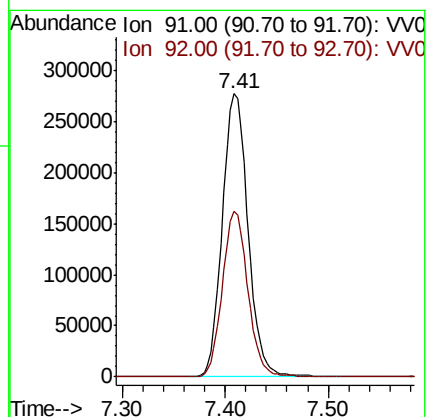
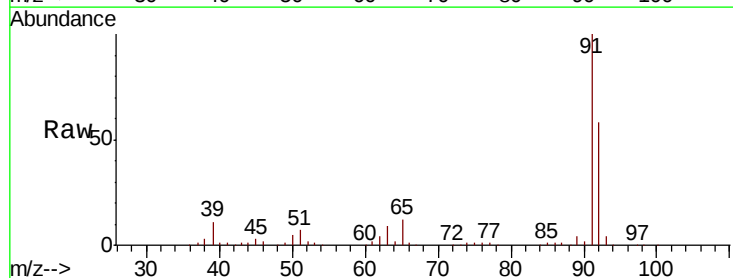
Acq: 09 Oct 2020 02:13

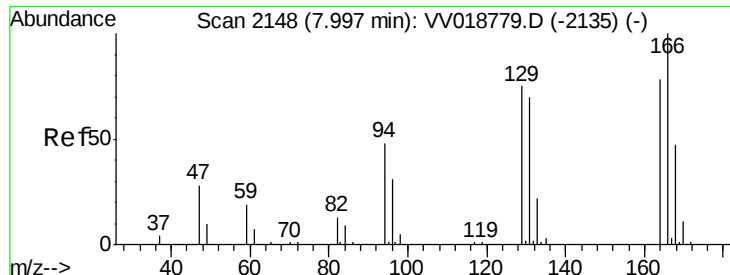
Tgt Ion: 91 Resp: 481305

Ion Ratio Lower Upper

91 100

92 58.4 39.8 74.0





#46

Tetrachloroethene

Concen: 0.825 ug/L

RT: 8.00 min Scan# 2150

Delta R.T. 0.01 min

Lab File: VV018787.D

Acq: 09 Oct 2020 02:13

Instrument :

MSVOA_V

ClientSampleId :

BG3Q8DL

Tot Ion:164 Resp: 1729

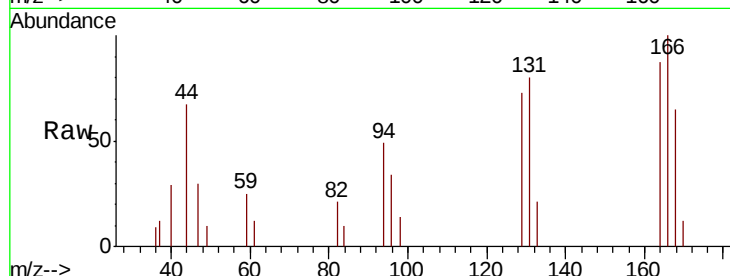
Ion Ratio Lower Upper

164 100

129 83.4 64.6 120.0

131 91.8 63.6 118.0

166 114.9 88.3 164.1

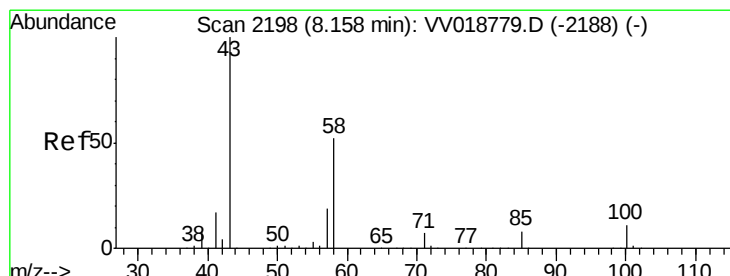
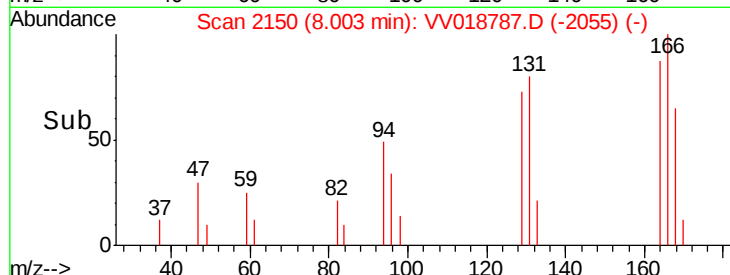
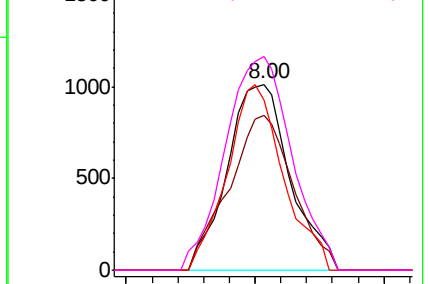


Abundance Ion 164.00 (163.70 to 164.70): V

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



#48

2-Hexanone

Concen: 4.944 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VV018787.D

Acq: 09 Oct 2020 02:13

Tgt Ion: 43 Resp: 13836

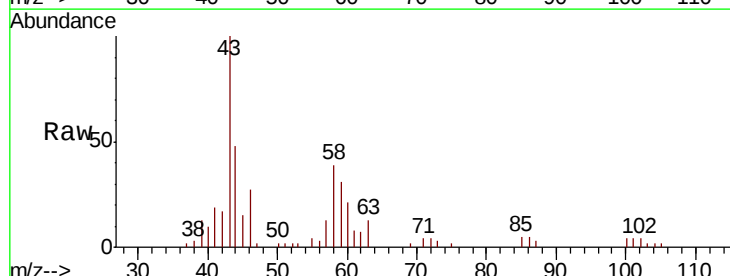
Ion Ratio Lower Upper

43 100

58 44.8 41.8 62.8

57 1.6 14.9 22.3#

100 6.9 9.2 13.8#

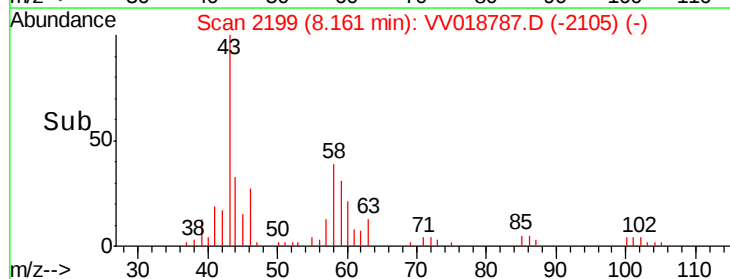
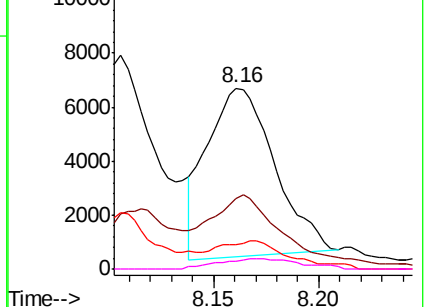


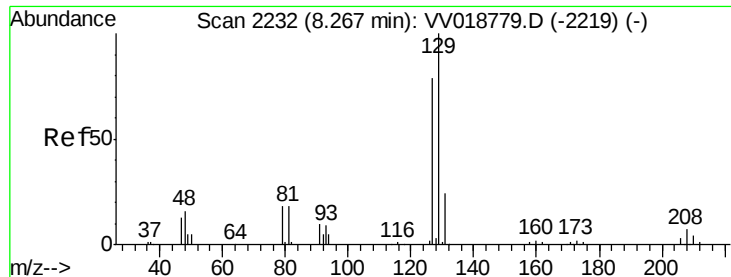
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 0.552 ug/L

RT: 8.00 min Scan# 2150

Delta R.T. -0.26 min

Lab File: VV018787.D

Acq: 09 Oct 2020 02:13

Instrument :

MSVOA_V

ClientSampleId :

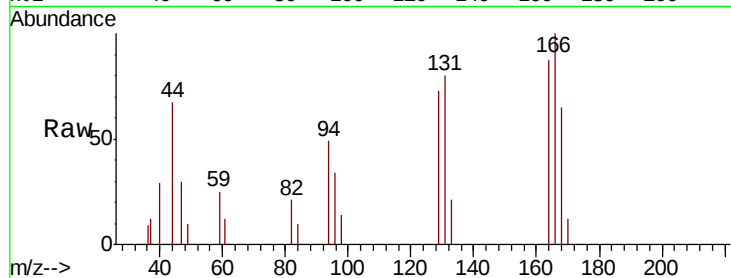
BG3Q8DL

Tot Ion:129 Resp: 1477

Ion Ratio Lower Upper

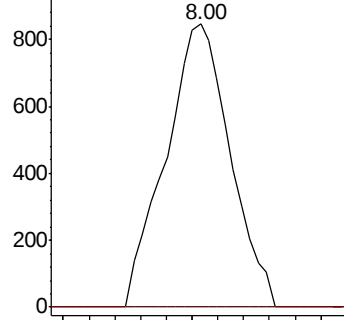
129 100

127 0.0 55.3 102.7#

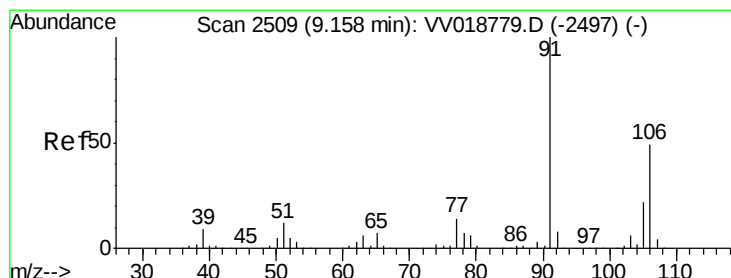
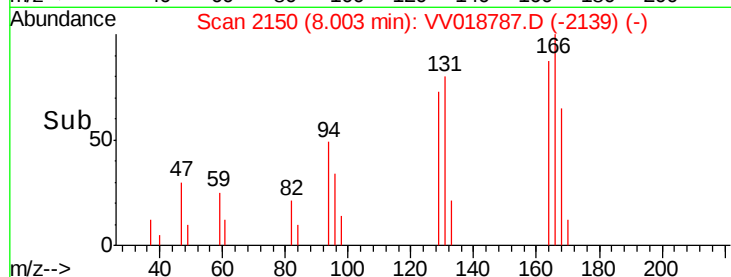


Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



Time--> 7.95 8.00 8.05



#53

m,p-Xylene

Concen: 1.289 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV018787.D

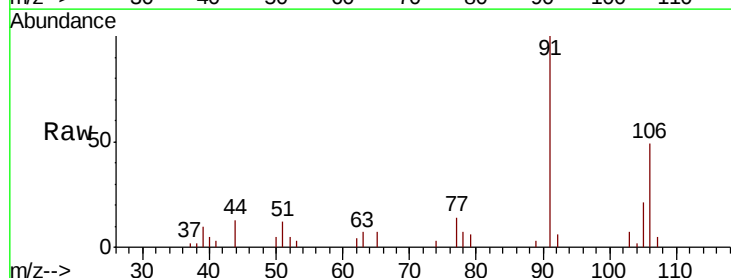
Acq: 09 Oct 2020 02:13

Tgt Ion:106 Resp: 5480

Ion Ratio Lower Upper

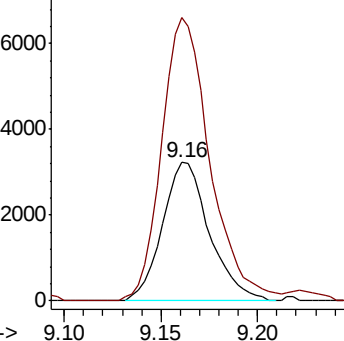
106 100

91 204.1 147.1 273.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



Time--> 9.10 9.15 9.20

