

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122220\
 Data File : VV019796.D
 Acq On : 22 Dec 2020 15:32
 Operator : SY/MD
 Sample : L5173-10
 Misc : 5.23g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4R6

Quant Time: Dec 23 01:07:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 23 01:05:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	803129	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	758309	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	346256	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	253852	44.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.16%
7) Chloroethane-d5	1.57	69	169585	37.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.68%
11) 1,1-Dichloroethene-d2	2.08	63	356091	33.31	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.62%
21) 2-Butanone-d5	3.91	46	308670	98.61	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.61%
24) Chloroform-d	4.35	84	450766	43.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.86%
26) 1,2-Dichloroethane-d4	5.04	65	322586	47.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.12%
32) Benzene-d6	5.05	84	922155	45.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.07	67	299170	47.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.44%
41) Toluene-d8	7.32	98	819713	45.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.04%
43) trans-1,3-Dichloropropene-	7.63	79	139198	38.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.26%
47) 2-Hexanone-d5	8.14	63	236442	95.09	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.09%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	348945	40.72	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.44%
64) 1,2-Dichlorobenzene-d4	11.64	152	276841	42.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.54%

Target Compounds

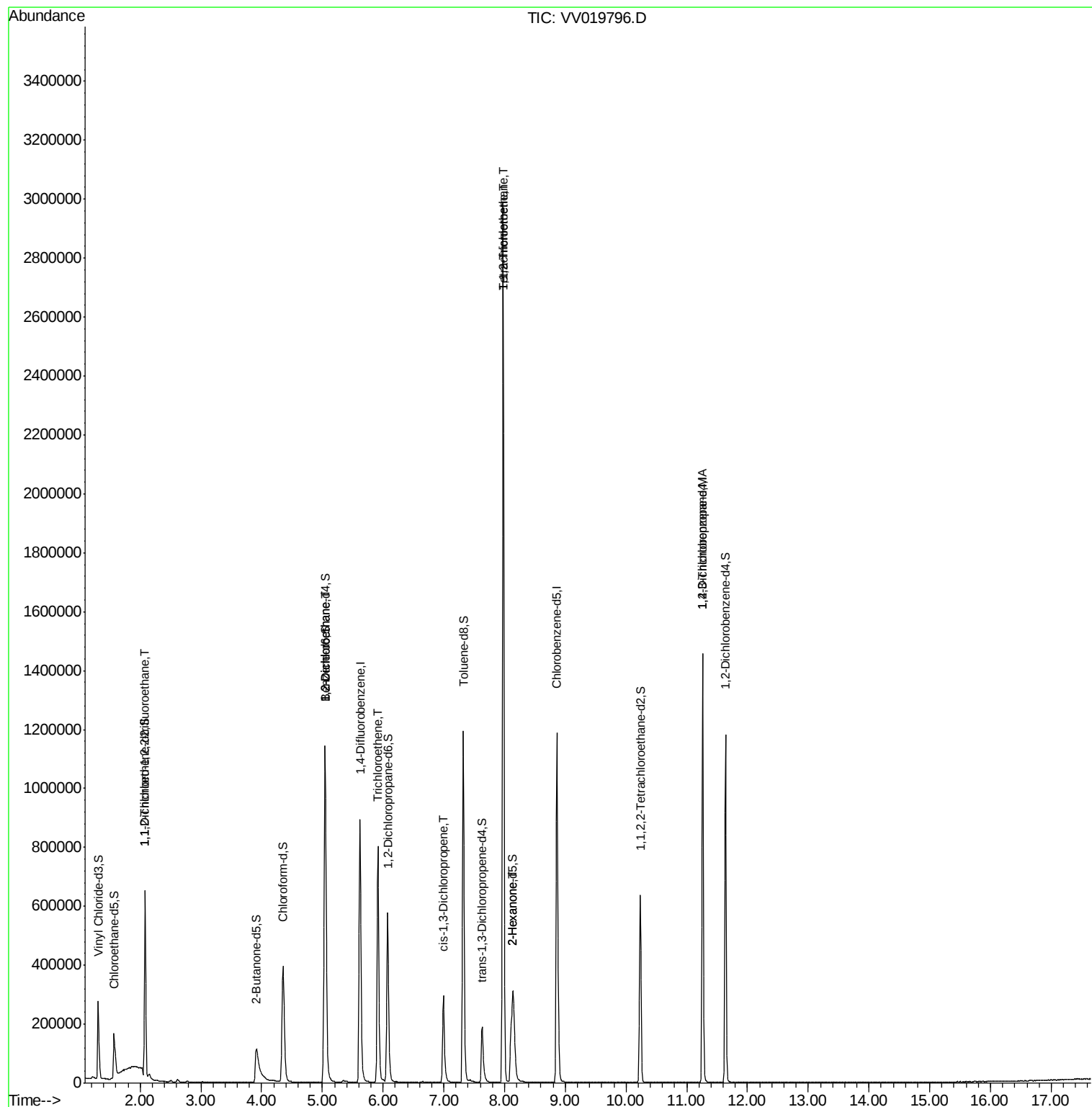
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.08	101	3496	0.750 ug/L #	24
27) 1,2-Dichloroethane	5.05	62	6313	0.750 ug/L	95
34) Trichloroethene	5.91	95	289208	49.400 ug/L	98
39) cis-1,3-Dichloropropene	6.99	75	8847	0.920 ug/L #	72
45) 1,1,2-Trichloroethane	7.97	97	6329	1.152 ug/L #	1
46) Tetrachloroethene	7.98	164	608021	150.093 ug/L	97
48) 2-Hexanone	8.13	43	19328	3.051 ug/L #	78
59) 1,2,3-Trichloropropane	11.26	75	47895	6.653 ug/L	97

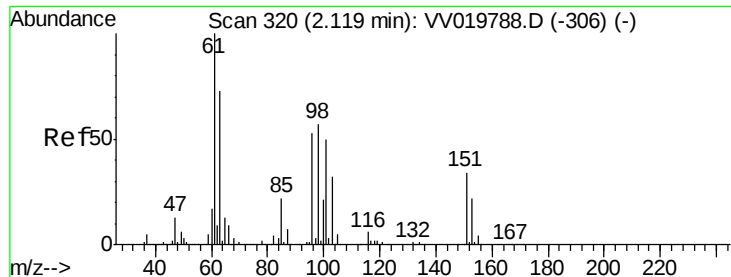
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Dec 23 01:05:06 2020
Response via : Initial Calibration





#10

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

Concen: 0.750 ug/L

RT: 2.08 min Scan# 308

Delta R.T. -0.04 min

Lab File: VV019796.D

Acq: 22 Dec 2020 15:32

Instrument :

MSVOA_V

ClientSampleId :

BG4R6

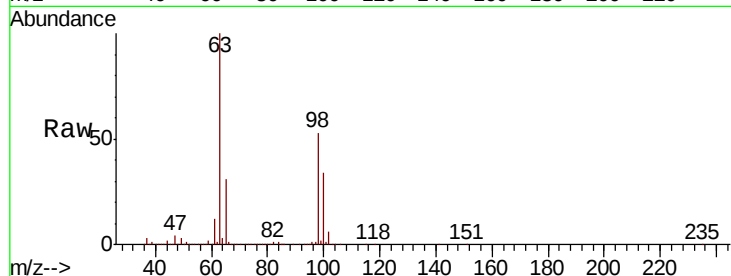
Tot Ion:101 Resp: 3496

Ion Ratio Lower Upper

101 100

85 2.0 35.0 52.4#

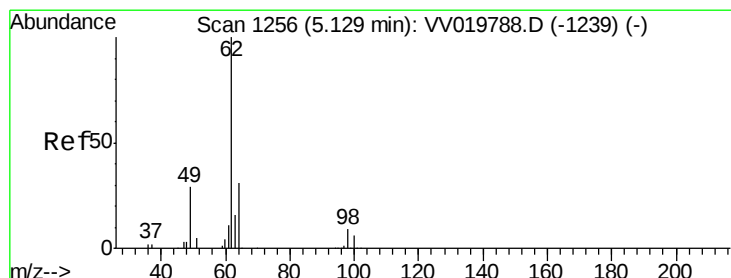
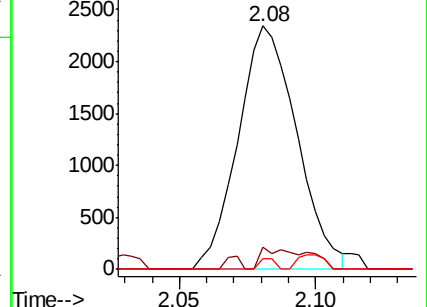
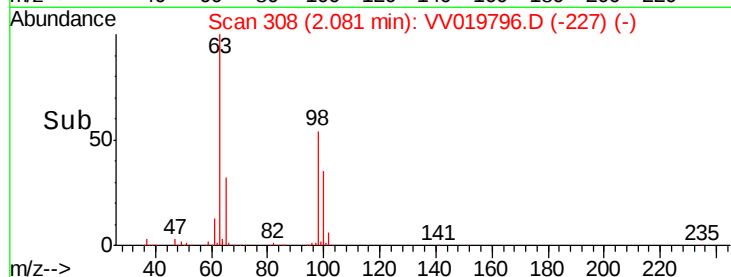
151 1.1 55.8 83.8#



Abundance Ion 101.00 (100.70 to 101.70): VV019788.D (-306) (-)

Ion 85.00 (84.70 to 85.70): VV019788.D (-306) (-)

Ion 151.00 (150.70 to 151.70): VV019788.D (-306) (-)



#27

1,2-Dichloroethane

Concen: 0.750 ug/L

RT: 5.05 min Scan# 1231

Delta R.T. -0.08 min

Lab File: VV019796.D

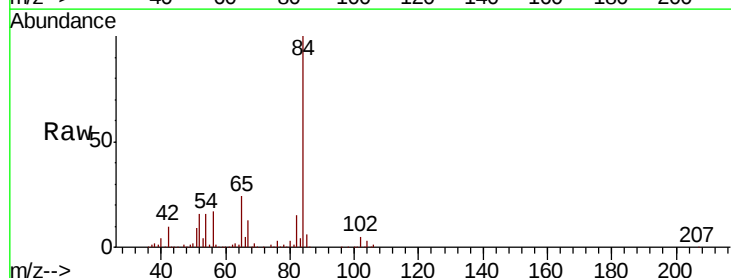
Acq: 22 Dec 2020 15:32

Tgt Ion: 62 Resp: 6313

Ion Ratio Lower Upper

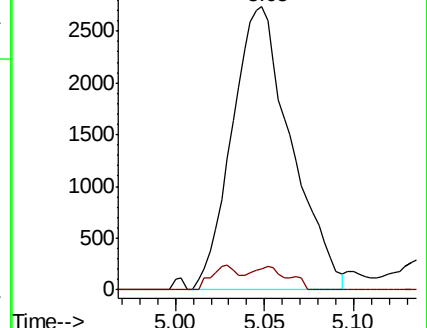
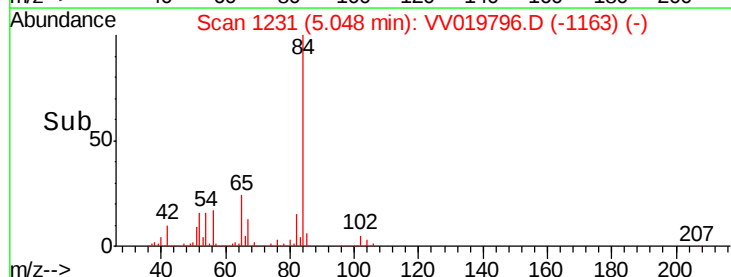
62 100

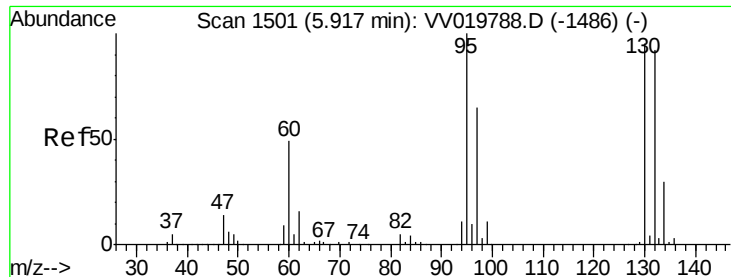
98 7.5 7.4 11.0



Abundance Ion 62.00 (61.70 to 62.70): VV019788.D (-1239) (-)

Ion 98.00 (97.70 to 98.70): VV019788.D (-1239) (-)

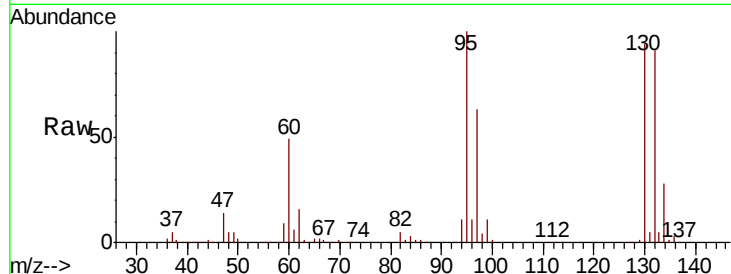




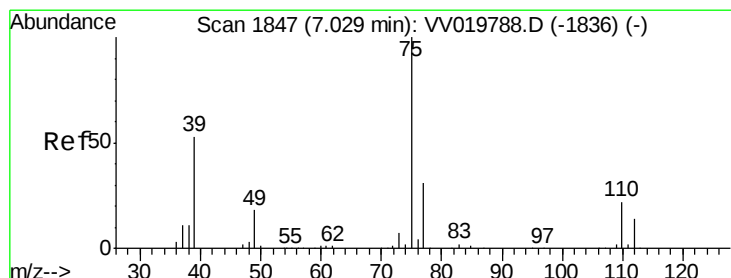
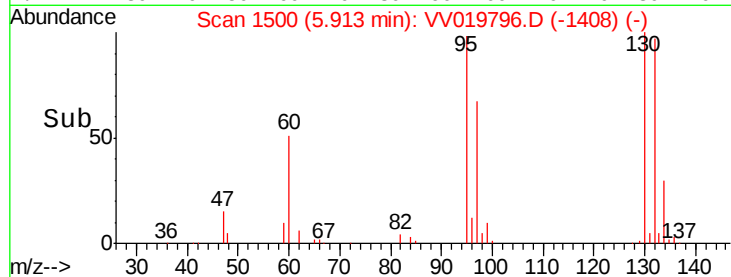
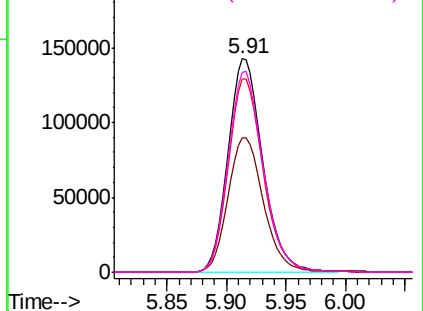
#34
 Trichloroethene
 Concen: 49.400 ug/L
 RT: 5.91 min Scan# 1500
 Delta R.T. -0.00 min
 Lab File: VV019796.D
 Acq: 22 Dec 2020 15:32

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4R6

Tot Ion: 95 Resp: 289208
 Ion Ratio Lower Upper
 95 100
 97 63.2 44.4 82.4
 132 90.5 64.3 119.3
 130 93.8 67.8 125.8

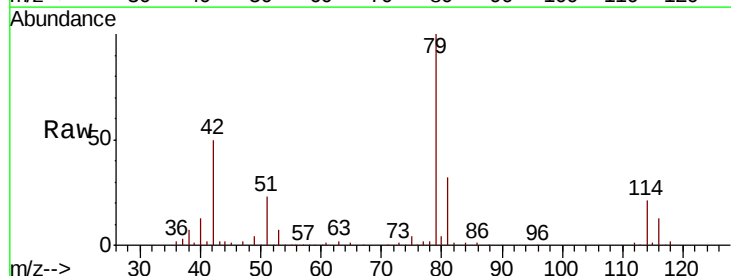


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

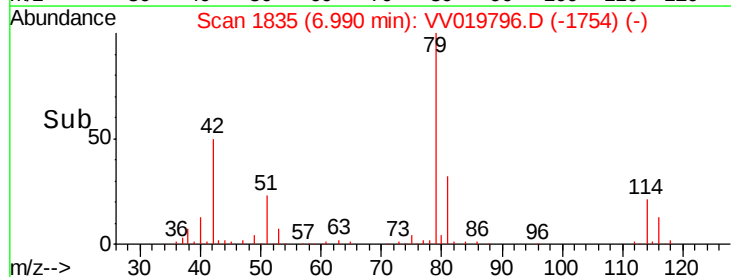
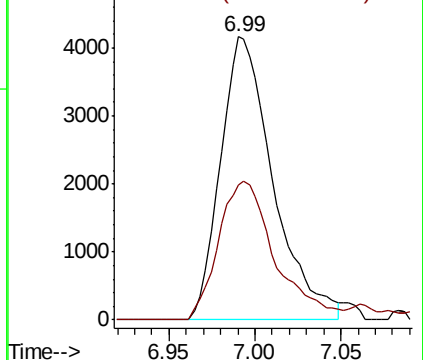


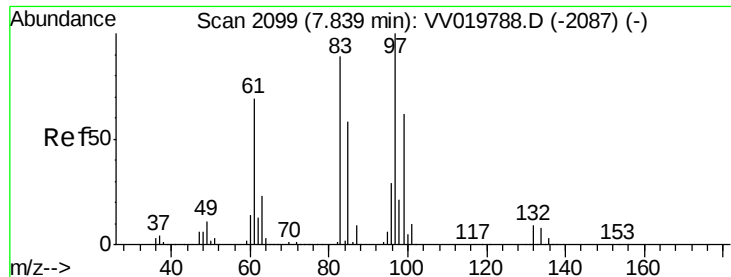
#39
 cis-1,3-Dichloropropene
 Concen: 0.920 ug/L
 RT: 6.99 min Scan# 1835
 Delta R.T. -0.04 min
 Lab File: VV019796.D
 Acq: 22 Dec 2020 15:32

Tgt Ion: 75 Resp: 8847
 Ion Ratio Lower Upper
 75 100
 77 47.5 22.4 41.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0
 Ion 77.00 (76.70 to 77.70): VV0

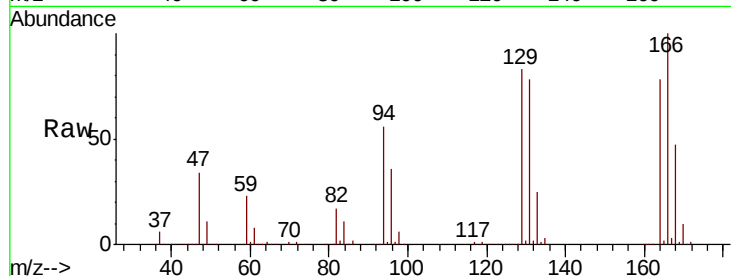




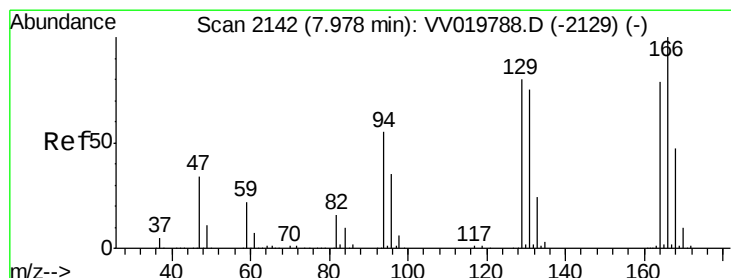
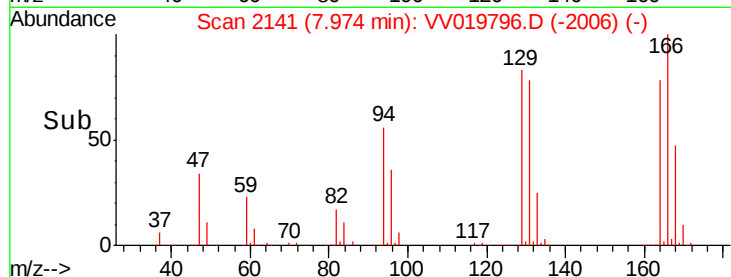
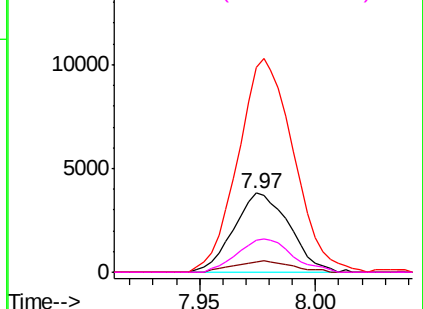
#45
 1,1,2-Trichloroethane
 Concen: 1.152 ug/L
 RT: 7.97 min Scan# 2141
 Delta R.T. 0.13 min
 Lab File: VV019796.D
 Acq: 22 Dec 2020 15:32

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4R6

Tot Ion: 97 Resp: 6329
 Ion Ratio Lower Upper
 97 100
 99 13.6 44.1 81.9#
 83 258.5 60.0 111.4#
 85 40.3 38.6 71.8

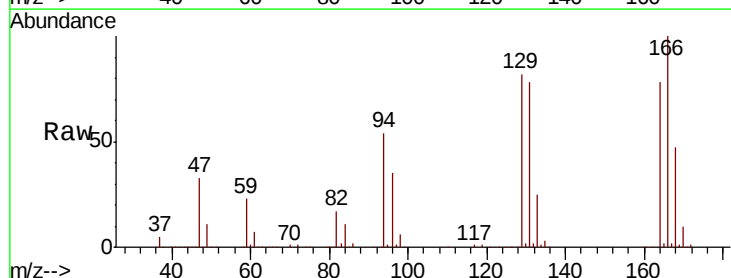


Abundance Ion 97.00 (96.70 to 97.70): VV0
 Ion 99.00 (98.70 to 99.70): VV0
 Ion 83.00 (82.70 to 83.70): VV0
 Ion 85.00 (84.70 to 85.70): VV0

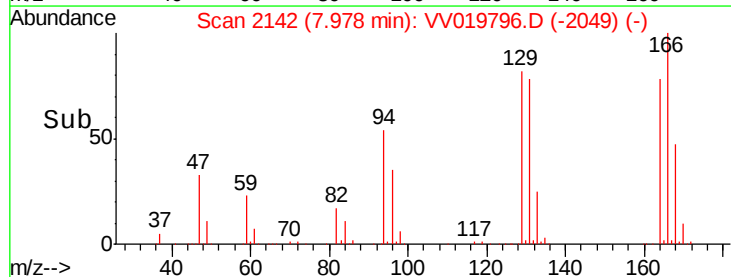
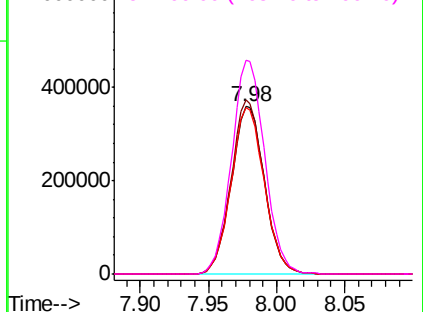


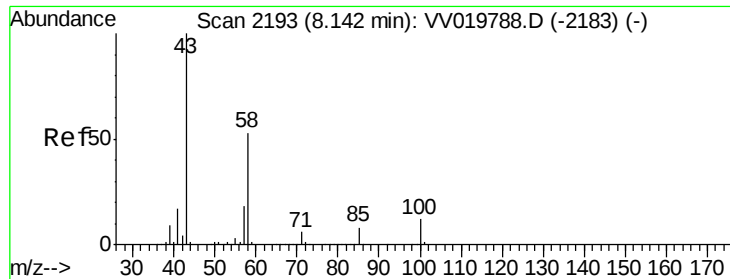
#46
 Tetrachloroethene
 Concen: 150.093 ug/L
 RT: 7.98 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VV019796.D
 Acq: 22 Dec 2020 15:32

Tgt Ion: 164 Resp: 608021
 Ion Ratio Lower Upper
 164 100
 129 104.2 70.6 131.0
 131 99.5 68.0 126.4
 166 127.6 86.9 161.5



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: 3.051 ug/L

RT: 8.13 min Scan# 2190

Delta R.T. -0.01 min

Lab File: VV019796.D

Acq: 22 Dec 2020 15:32

Instrument :

MSVOA_V

ClientSampleId :

BG4R6

Tot Ion: 43 Resp: 19328

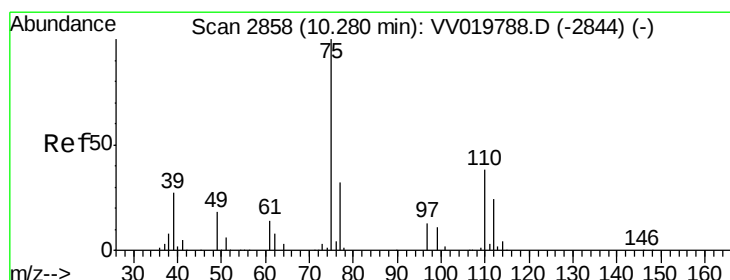
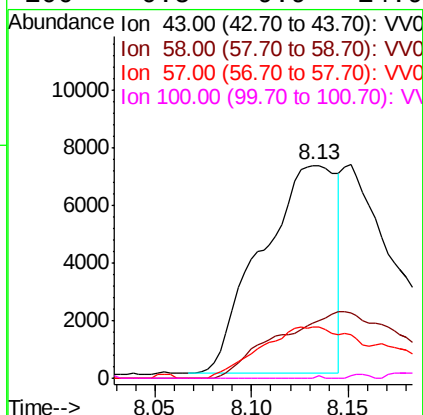
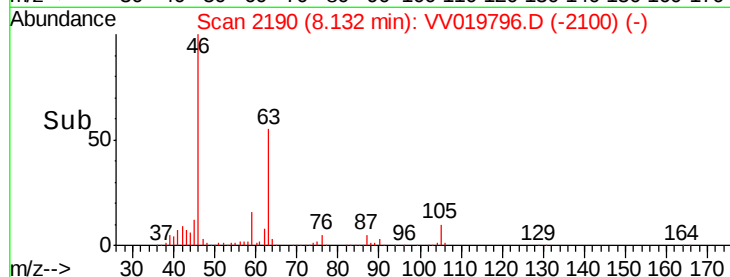
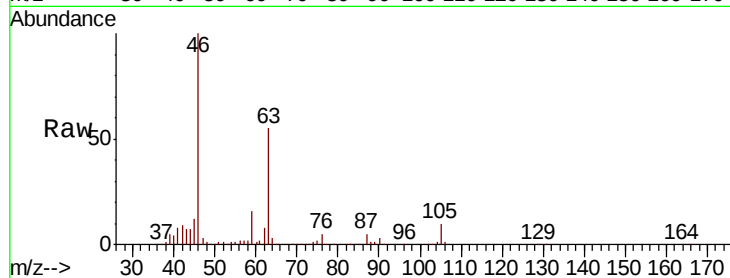
Ion Ratio Lower Upper

43 100

58 37.3 44.4 66.6#

57 16.2 15.7 23.5

100 0.5 9.9 14.9#



#59

1,2,3-Trichloropropane

Concen: 6.653 ug/L

RT: 11.26 min Scan# 3163

Delta R.T. 0.98 min

Lab File: VV019796.D

Acq: 22 Dec 2020 15:32

Tgt Ion: 75 Resp: 47895

Ion Ratio Lower Upper

75 100

77 34.0 25.8 38.8

