

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102020\
 Data File : VV019023.D
 Acq On : 20 Oct 2020 18:44
 Operator : SY/MD
 Sample : L4471-02MERE
 Misc : 5.82g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 21 06:11:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 21 06:02:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	428725	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	424242	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.28	152	204147	50.00	ug/L	0.00

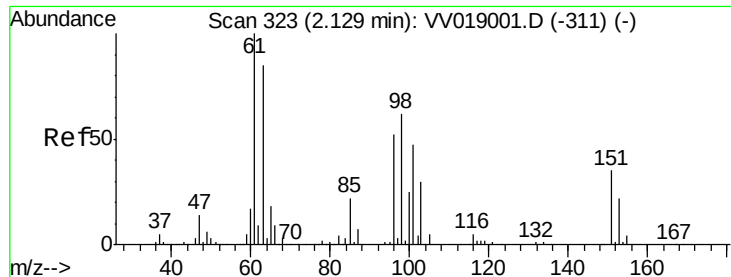
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	185458	52.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.10%
7) Chloroethane-d5	1.58	69	146941	52.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.10%
11) 1,1-Dichloroethene-d2	2.10	63	282012	42.33	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.66%
21) 2-Butanone-d5	3.93	46	209313	85.09	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.09%
24) Chloroform-d	4.37	84	322442	50.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.70%
26) 1,2-Dichloroethane-d4	5.05	65	235965	56.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.14%
32) Benzene-d6	5.07	84	661332	53.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.80%
36) 1,2-Dichloropropane-d6	6.09	67	194963	49.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.46%
41) Toluene-d8	7.34	98	562488	50.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.26%
43) trans-1,3-Dichloropropene-	7.64	79	96718	49.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.94%
47) 2-Hexanone-d5	8.14	63	138844	94.39	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.39%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	205809	44.35	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	214900	51.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.48%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	2321	0.835 ug/L #	23
25) Chloroform	4.40	83	7911	1.292 ug/L	91
27) 1,2-Dichloroethane	5.07	62	4357	0.871 ug/L	99
39) cis-1,3-Dichloropropene	7.01	75	6054	1.157 ug/L #	61
46) Tetrachloroethene	8.00	164	16586	6.275 ug/L	95
48) 2-Hexanone	8.15	43	16385	4.304 ug/L #	50
49) Dibromochloromethane	8.00	129	14878	4.340 ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	24791	5.883 ug/L	92

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



#10

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

Concen: 0.835 ug/L

RT: 2.10 min Scan# 313

Delta R.T. -0.03 min

Lab File: VV019023.D

Acq: 20 Oct 2020 18:44

Instrument :

MSVOA_V

ClientSampled :

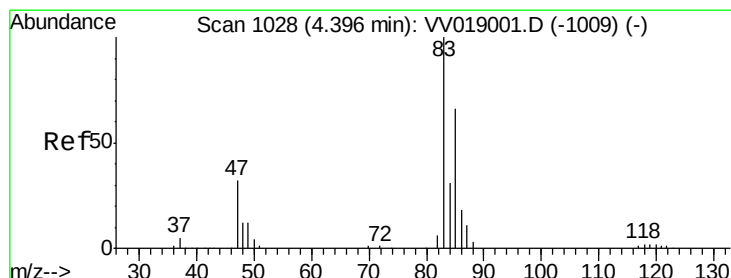
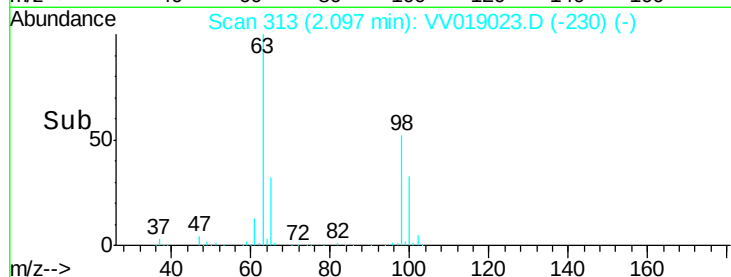
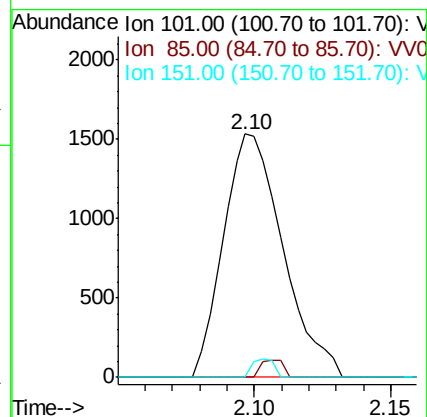
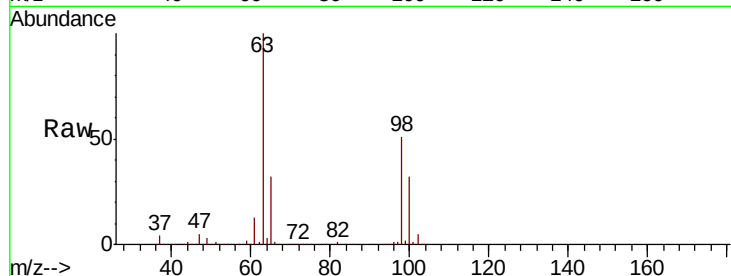
Tot Ion:101 Resp: 2321

Ion Ratio Lower Upper

101 100

85 2.6 35.0 52.4#

151 2.7 59.7 89.5#



#25

Chloroform

Concen: 1.292 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VV019023.D

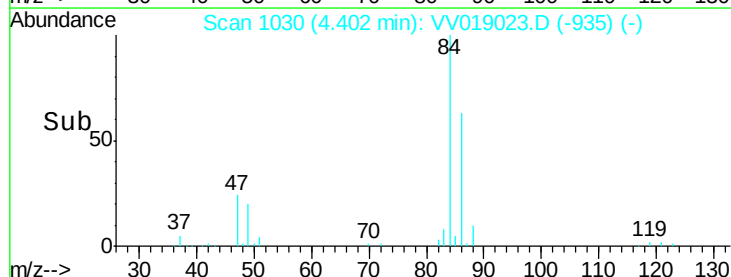
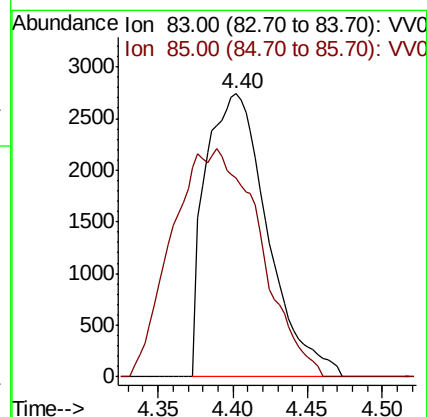
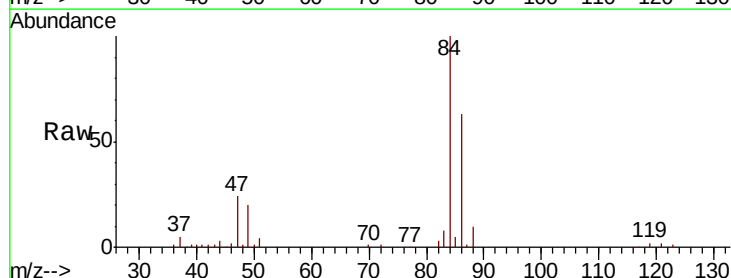
Acq: 20 Oct 2020 18:44

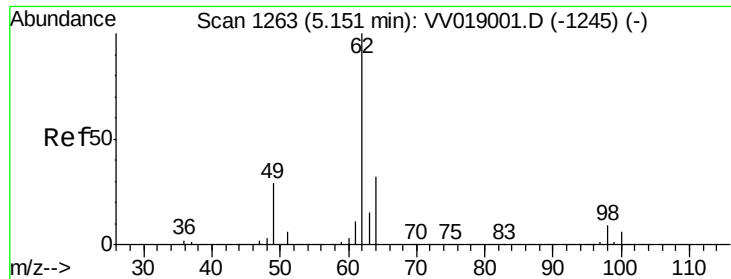
Tgt Ion: 83 Resp: 7911

Ion Ratio Lower Upper

83 100

85 70.4 44.6 82.8





#27

1,2-Dichloroethane

Concen: 0.871 ug/L

RT: 5.07 min Scan# 1237

Delta R.T. -0.08 min

Lab File: VV019023.D

Acq: 20 Oct 2020 18:44

Instrument :

MSVOA_V

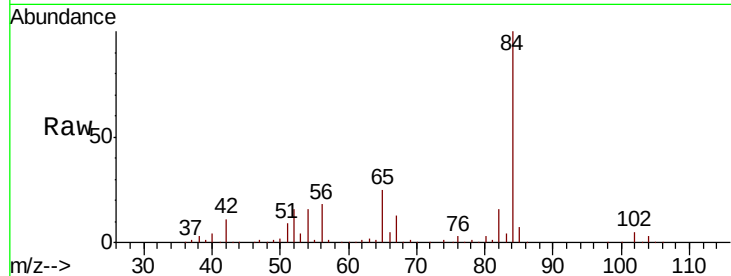
ClientSampleId :

Tot Ion: 62 Resp: 4357

Ion Ratio Lower Upper

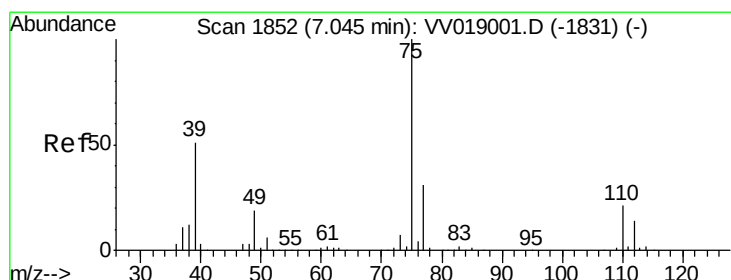
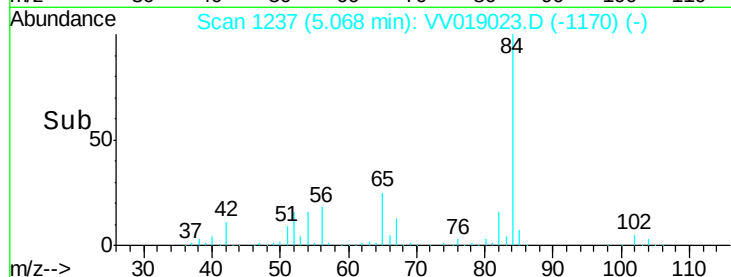
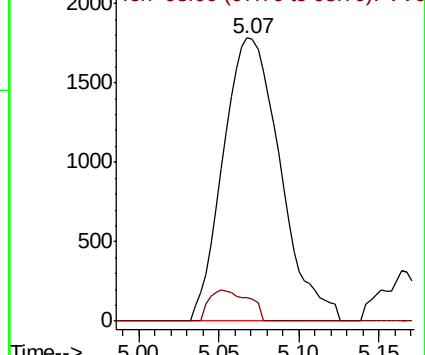
62 100

98 8.5 7.0 10.6



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#39

cis-1,3-Dichloropropene

Concen: 1.157 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV019023.D

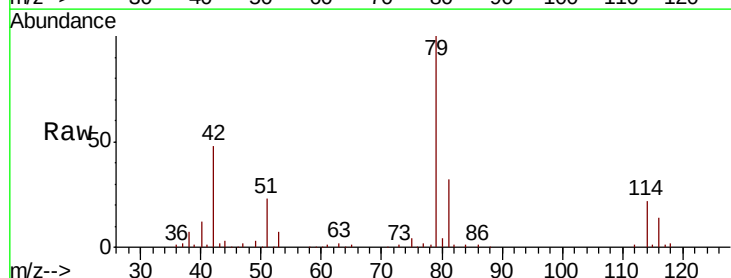
Acq: 20 Oct 2020 18:44

Tgt Ion: 75 Resp: 6054

Ion Ratio Lower Upper

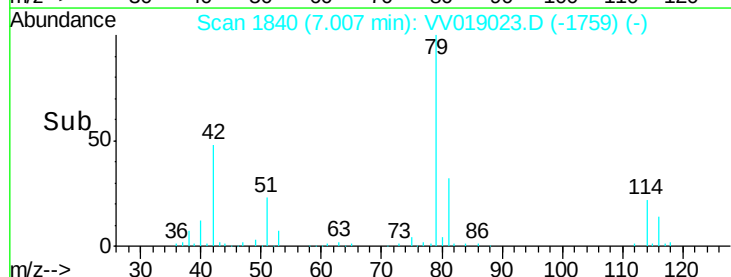
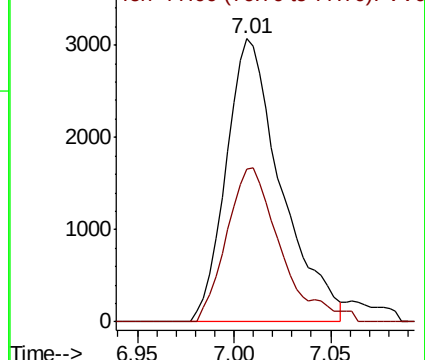
75 100

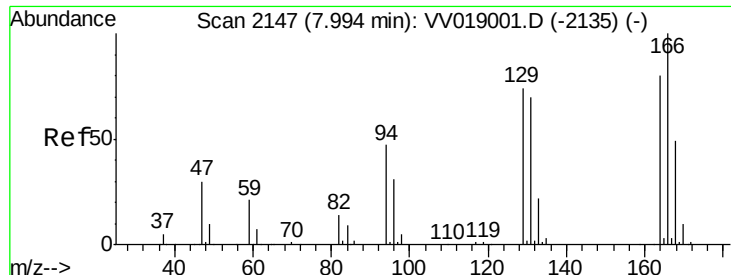
77 54.2 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

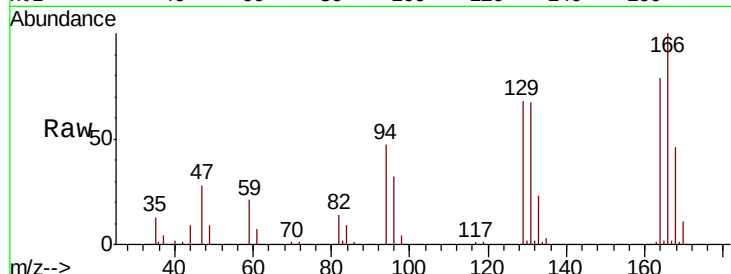




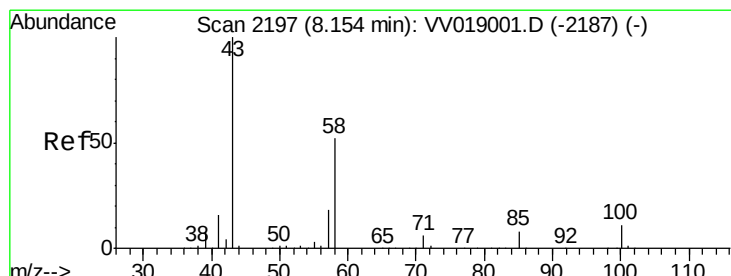
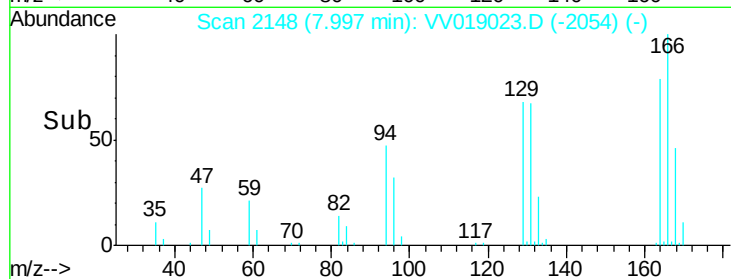
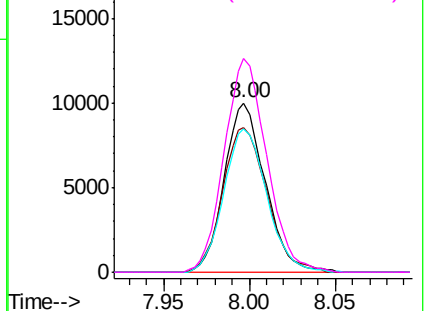
#46
Tetrachloroethene
Concen: 6.275 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV019023.D
Acq: 20 Oct 2020 18:44

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 16586
Ion Ratio Lower Upper
164 100
129 85.5 65.0 120.8
131 84.5 62.9 116.7
166 126.1 91.1 169.3

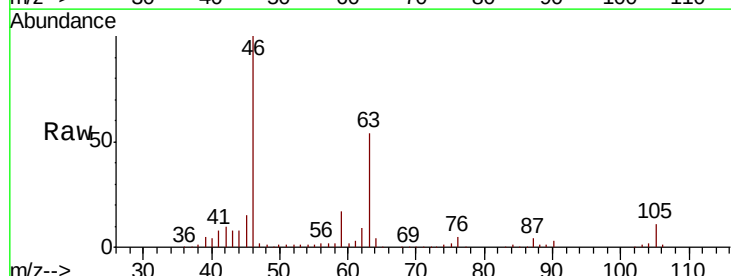


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

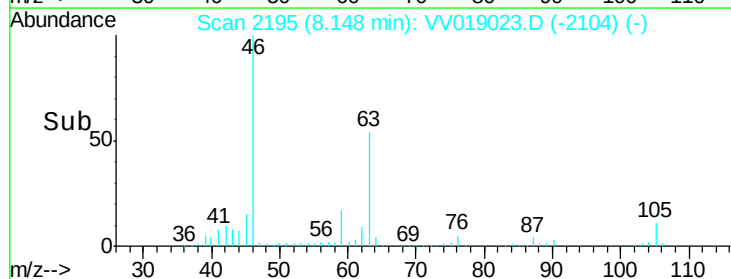
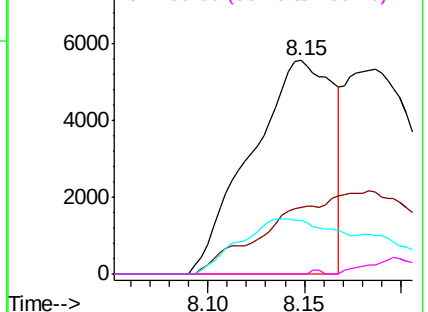


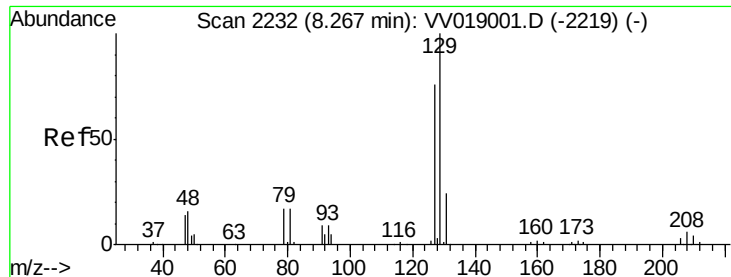
#48
2-Hexanone
Concen: 4.304 ug/L
RT: 8.15 min Scan# 2195
Delta R.T. -0.01 min
Lab File: VV019023.D
Acq: 20 Oct 2020 18:44

Tgt Ion: 43 Resp: 16385
Ion Ratio Lower Upper
43 100
58 9.9 42.5 63.7#
57 31.2 14.5 21.7#
100 0.2 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: 4.340 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV019023.D

Acq: 20 Oct 2020 18:44

Instrument :

MSVOA_V

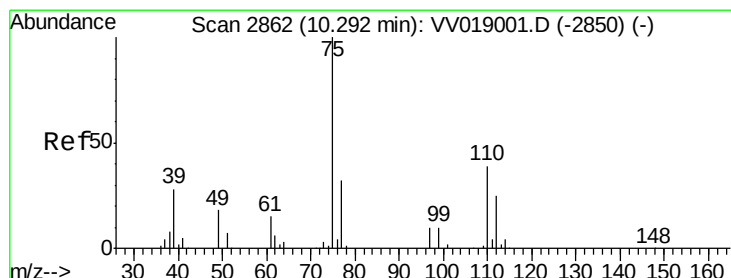
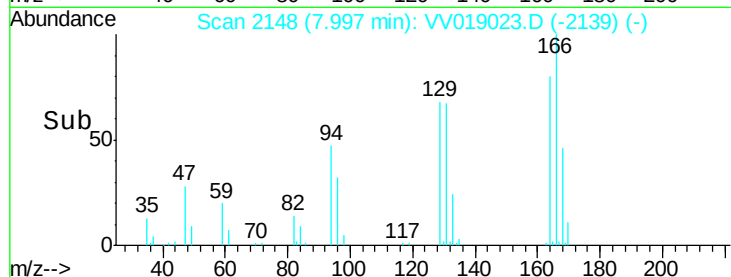
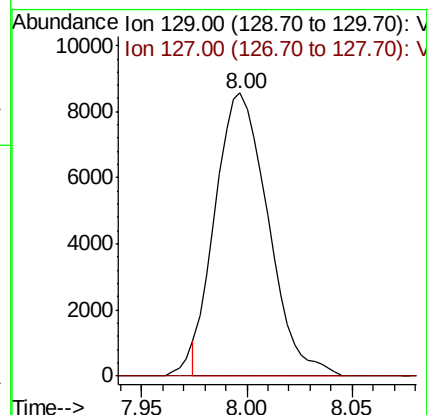
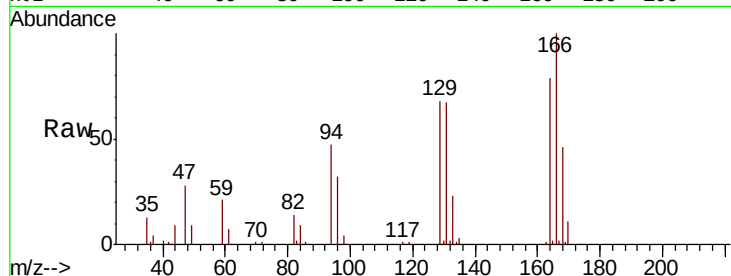
ClientSampled :

Tot Ion:129 Resp: 14878

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.6#



#59

1,2,3-Trichloropropane

Concen: 5.883 ug/L

RT: 11.27 min Scan# 3167

Delta R.T. 0.98 min

Lab File: VV019023.D

Acq: 20 Oct 2020 18:44

Tgt Ion: 75 Resp: 24791

Ion Ratio Lower Upper

75 100

77 36.1 25.4 38.2

