

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122120\
 Data File : VV019776.D
 Acq On : 21 Dec 2020 15:28
 Operator : SY/MD
 Sample : L5087-06 200X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 22 00:26:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 22 00:24:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	643438	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	603627	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	286578	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	271385	58.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	117.64%
7) Chloroethane-d5	1.57	69	213933	58.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.58%
11) 1,1-Dichloroethene-d2	2.11	63	382751	44.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.40%
21) 2-Butanone-d5	3.89	46	373504	148.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	148.93%#
24) Chloroform-d	4.35	84	458886	55.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.36%
26) 1,2-Dichloroethane-d4	5.04	65	320287	58.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.88%
32) Benzene-d6	5.05	84	932158	57.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.80%
36) 1,2-Dichloropropane-d6	6.07	67	295225	58.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	117.08%
41) Toluene-d8	7.32	98	812830	56.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.16%
43) trans-1,3-Dichloropropene-	7.62	79	138471	48.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.54%
47) 2-Hexanone-d5	8.09	63	235931	119.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.20%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	363626	53.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.62%
64) 1,2-Dichlorobenzene-d4	11.63	152	290676	54.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.52%

Target Compounds

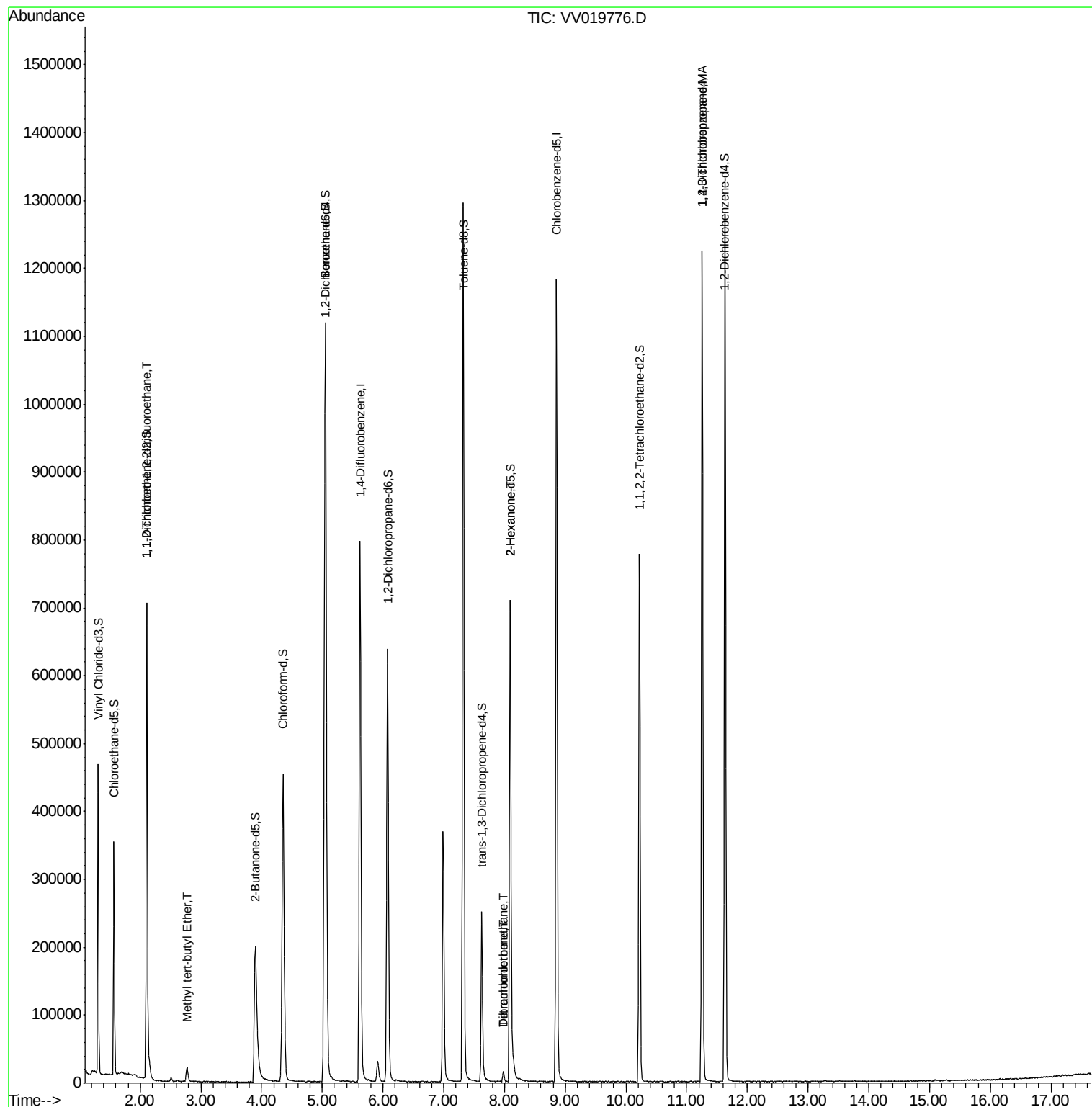
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	3328	0.891 ug/L #	22
18) Methyl tert-butyl Ether	2.77	73	20325	1.384 ug/L	95
46) Tetrachloroethene	7.98	164	2933	0.910 ug/L	97
48) 2-Hexanone	8.09	43	30398	6.027 ug/L #	69
49) Dibromochloromethane	7.98	129	2889	0.603 ug/L #	11
59) 1,2,3-Trichloropropane	11.25	75	39840	6.952 ug/L	95

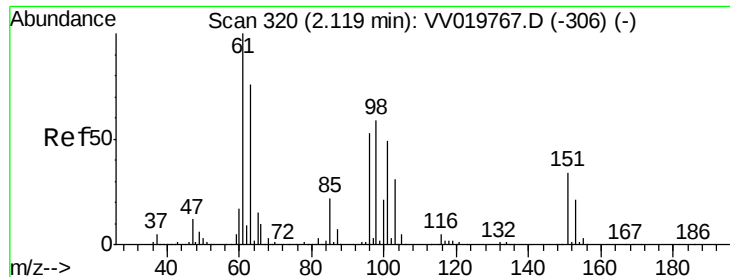
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.891 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019776.D

Acq: 21 Dec 2020 15:28

Instrument :

MSVOA_V

ClientSampleId :

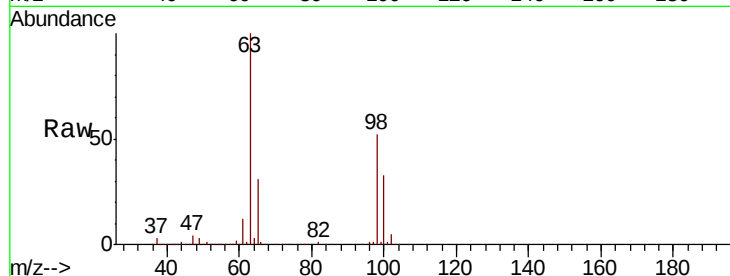
Tot Ion:101 Resp: 3328

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

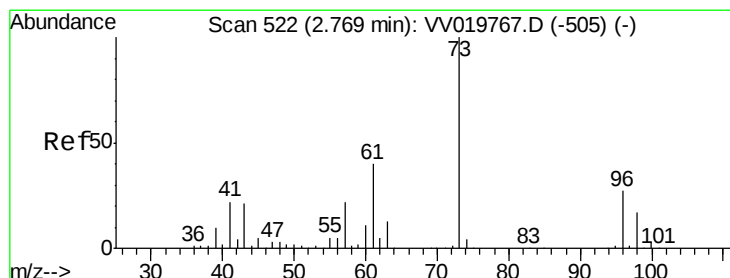
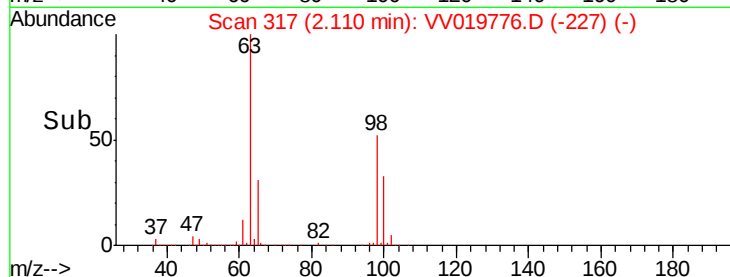
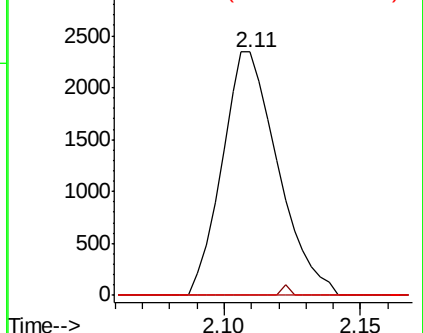
151 0.0 55.8 83.8#



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



#18

Methyl tert-butyl Ether

Concen: 1.384 ug/L

RT: 2.77 min Scan# 523

Delta R.T. 0.00 min

Lab File: VV019776.D

Acq: 21 Dec 2020 15:28

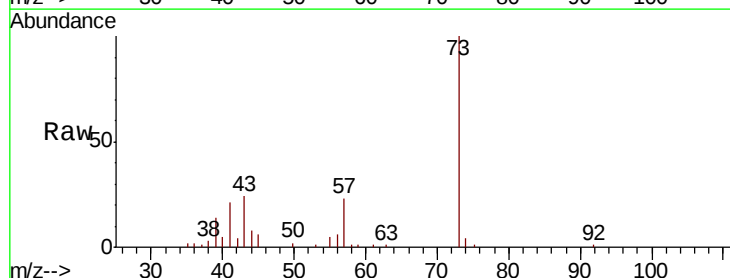
Tgt Ion: 73 Resp: 20325

Ion Ratio Lower Upper

73 100

43 23.7 17.3 25.9

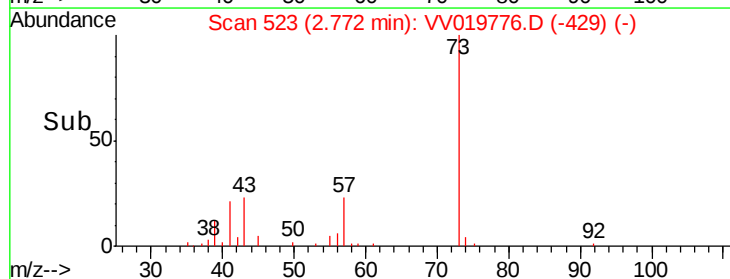
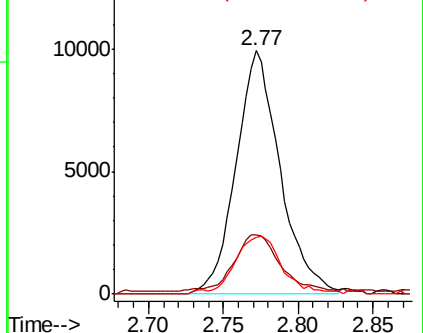
57 24.8 17.5 26.3

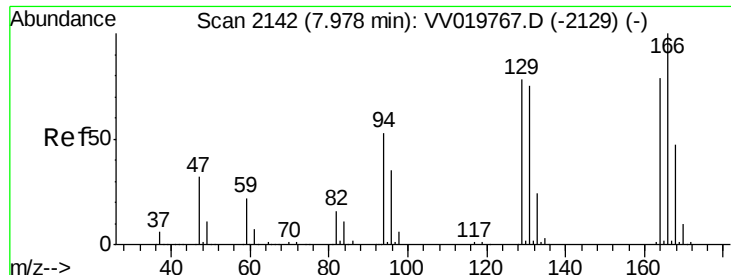


Abundance Ion 73.00 (72.70 to 73.70): VV0

Ion 43.00 (42.70 to 43.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

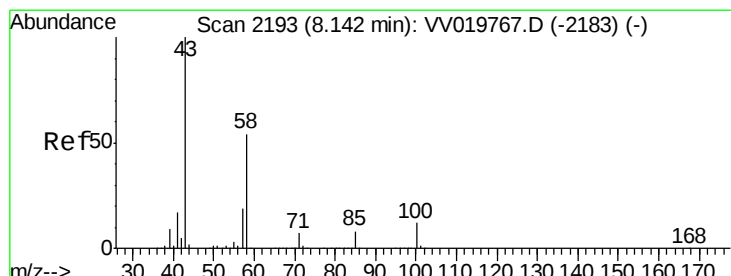
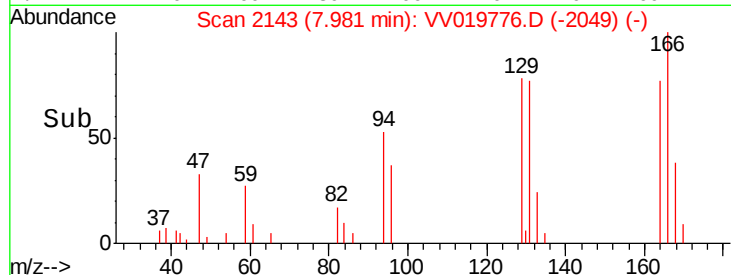
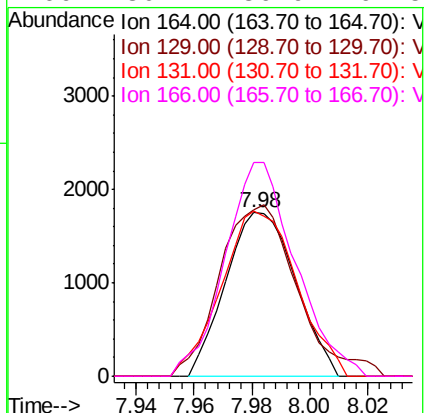
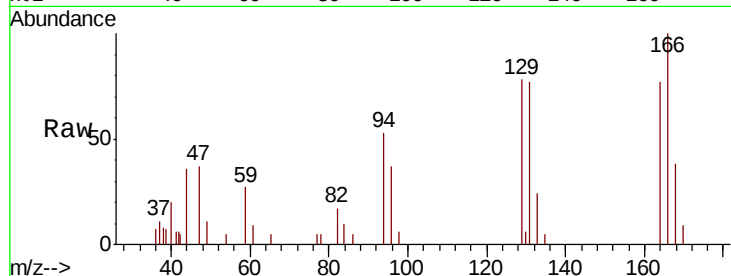




#46
Tetrachloroethene
Concen: 0.910 ug/L
RT: 7.98 min Scan# 2143
Delta R.T. 0.00 min
Lab File: VV019776.D
Acq: 21 Dec 2020 15:28

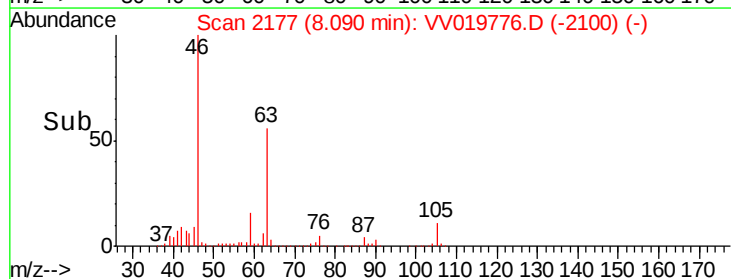
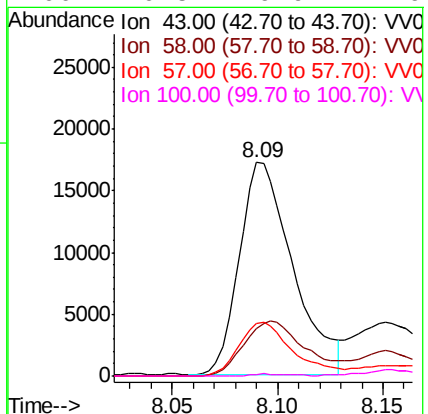
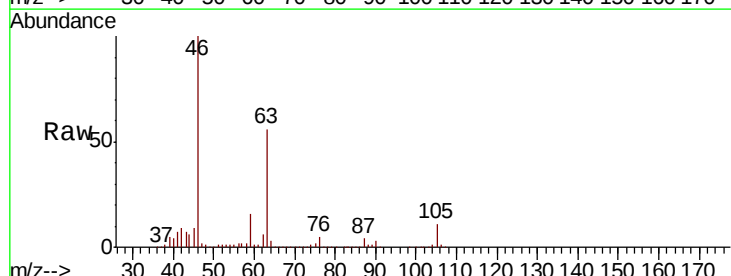
Instrument :
MSVOA_V
ClientSampleId :

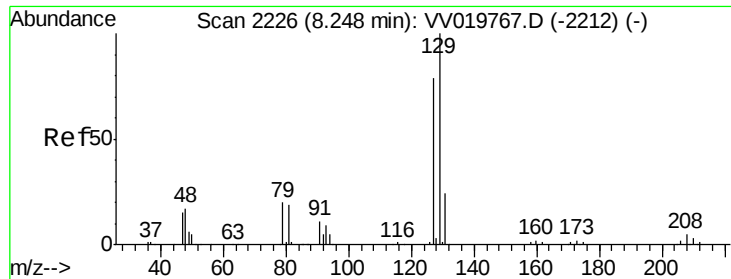
Tot Ion:164	Resp:	2933	
Ion	Ratio	Lower	Upper
164	100		
129	101.7	70.6	131.0
131	100.7	68.0	126.4
166	130.4	86.9	161.5



#48
2-Hexanone
Concen: 6.027 ug/L
RT: 8.09 min Scan# 2177
Delta R.T. -0.05 min
Lab File: VV019776.D
Acq: 21 Dec 2020 15:28

Tgt	Ion: 43	Resp:	30398
Ion	Ratio	Lower	Upper
43	100		
58	28.5	44.4	66.6#
57	25.6	15.7	23.5#
100	0.5	9.9	14.9#

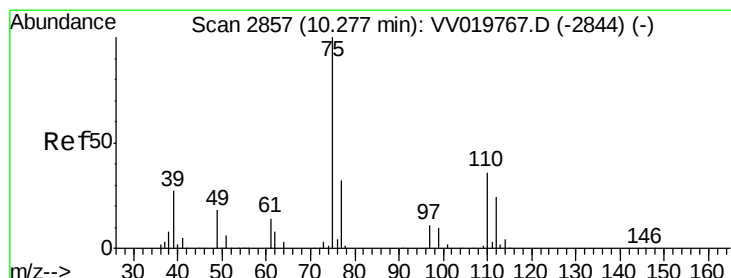
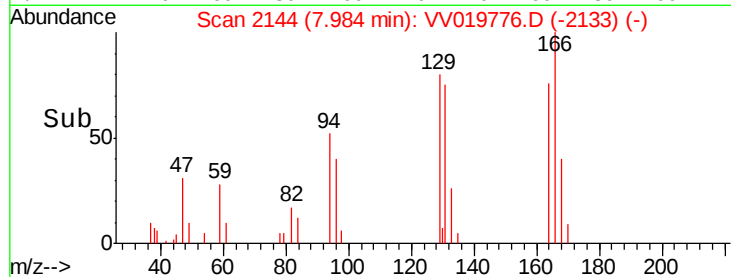
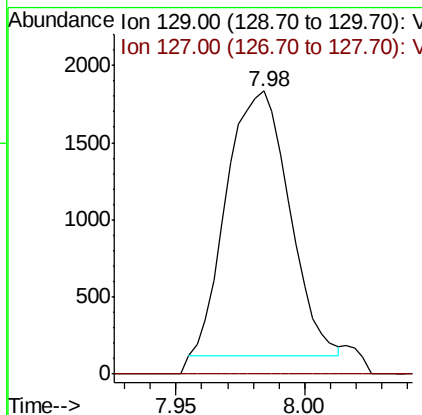
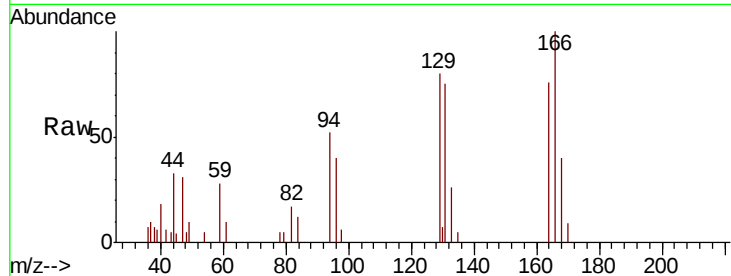




#49
 Dibromochloromethane
 Concen: 0.603 ug/L
 RT: 7.98 min Scan# 2144
 Delta R.T. -0.26 min
 Lab File: VV019776.D
 Acq: 21 Dec 2020 15:28

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion:129 Resp: 2889
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.2 100.6#



#59
 1,2,3-Trichloropropane
 Concen: 6.952 ug/L
 RT: 11.25 min Scan# 3161
 Delta R.T. 0.98 min
 Lab File: VV019776.D
 Acq: 21 Dec 2020 15:28

Tgt Ion: 75 Resp: 39840
 Ion Ratio Lower Upper
 75 100
 77 35.2 25.8 38.8

