

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122120\
 Data File : VV019778.D
 Acq On : 21 Dec 2020 16:16
 Operator : SY/MD
 Sample : L5087-07 200X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 22 00:26:26 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	671603	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	631924	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	303064	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	267311	55.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	111.02%
7) Chloroethane-d5	1.57	69	210899	55.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.04%
11) 1,1-Dichloroethene-d2	2.11	63	373496	41.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.58%
21) 2-Butanone-d5	3.89	46	365820	139.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	139.75%#
24) Chloroform-d	4.35	84	454330	52.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.70%
26) 1,2-Dichloroethane-d4	5.04	65	316173	55.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.48%
32) Benzene-d6	5.05	84	919382	54.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.10%
36) 1,2-Dichloropropane-d6	6.07	67	292214	55.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.70%
41) Toluene-d8	7.32	98	791987	52.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.38%
43) trans-1,3-Dichloropropene-	7.63	79	135689	45.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.36%
47) 2-Hexanone-d5	8.09	63	231076	111.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.52%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	360223	50.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.88%
64) 1,2-Dichlorobenzene-d4	11.63	152	283129	49.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.96%

Target Compounds

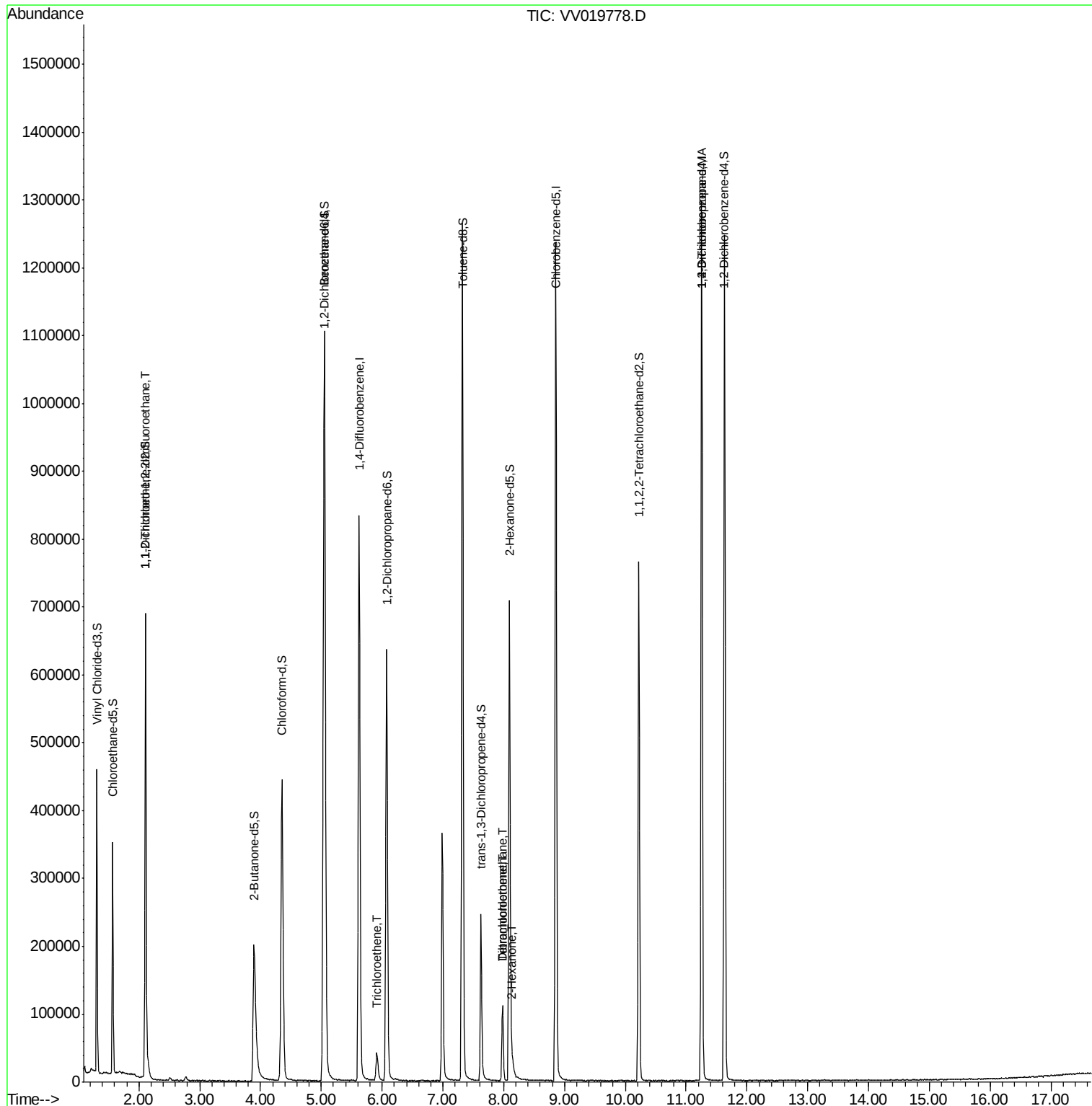
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	3211	0.824 ug/L #	25
34) Trichloroethene	5.92	95	6447	1.321 ug/L	93
46) Tetrachloroethene	7.98	164	22149	6.561 ug/L	93
48) 2-Hexanone	8.14	43	9590	1.816 ug/L #	38
49) Dibromochloromethane	7.98	129	22303	4.447 ug/L #	11
59) 1,2,3-Trichloropropane	11.25	75	41448	6.909 ug/L	96

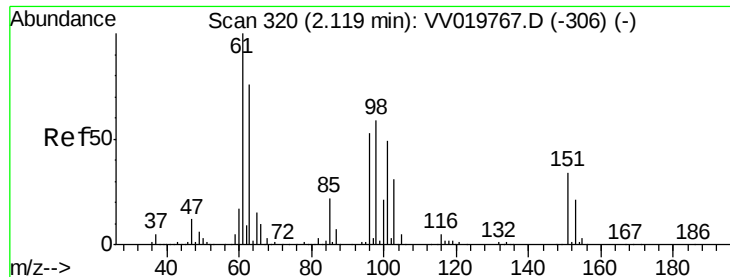
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV122120\  
Data File : VV019778.D  
Acq On    : 21 Dec 2020  16:16  
Operator  : SY/MD  
Sample    : L5087-07 200X  
Misc      : 5.0mL/MSVOA V/WATER  
ALS Vial  : 1    Sample Multiplier: 1
```

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Dec 22 00:26:26 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





#10

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

Concen: 0.824 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV019778.D

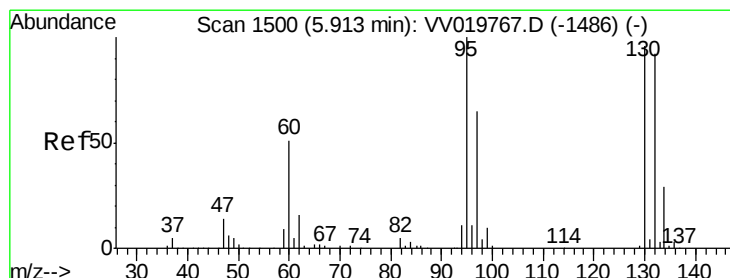
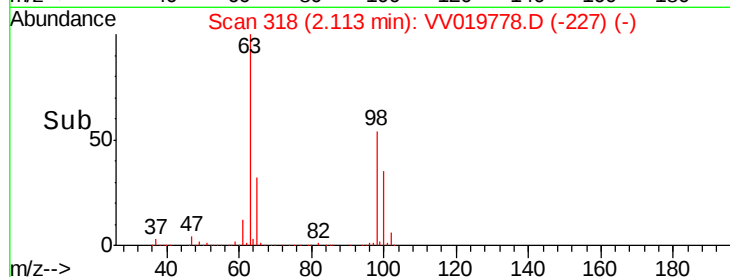
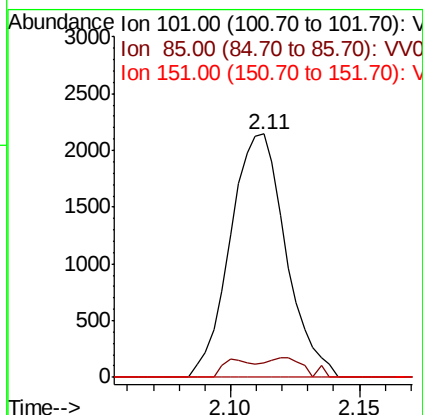
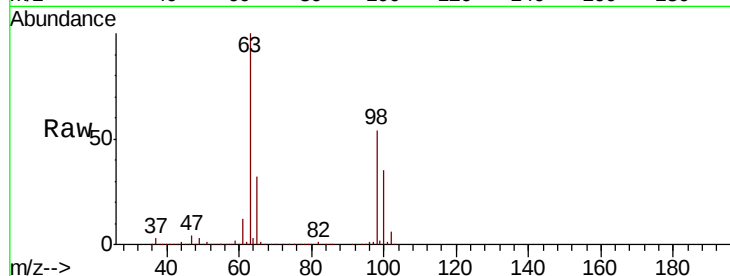
Acq: 21 Dec 2020 16:16

Instrument :

MSVOA_V

ClientSampled :

Tot Ion:	101	Resp:	3211
Ion Ratio	Lower	Upper	
101	100		
85	5.2	35.0	52.4#
151	0.0	55.8	83.8#



#34

Trichloroethene

Concen: 1.321 ug/L

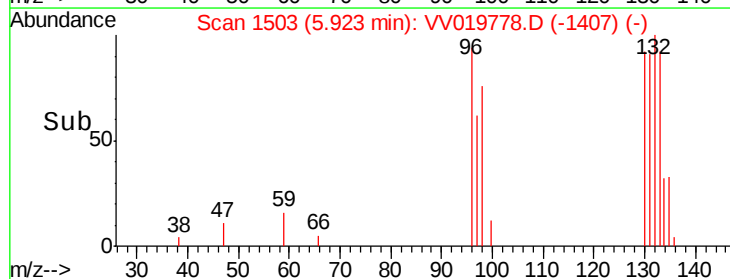
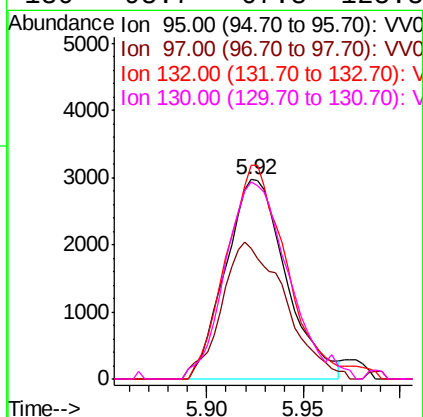
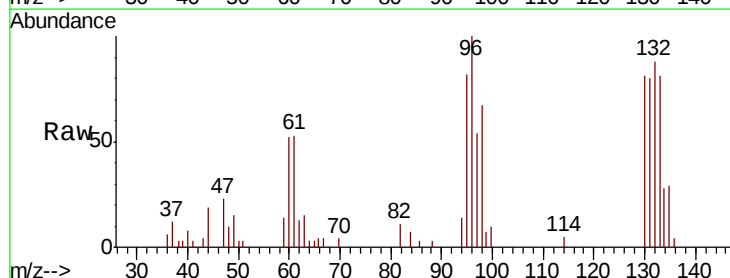
RT: 5.92 min Scan# 1503

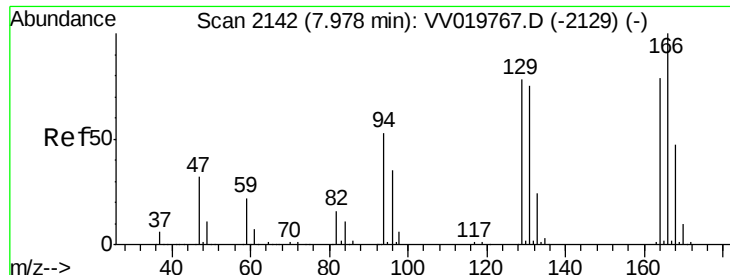
Delta R.T. 0.01 min

Lab File: VV019778.D

Acq: 21 Dec 2020 16:16

Tgt Ion:	95	Resp:	6447
Ion Ratio	Lower	Upper	
95	100		
97	65.8	44.4	82.4
132	107.0	64.3	119.3
130	98.7	67.8	125.8





#46

Tetrachloroethene

Concen: 6.561 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019778.D

Acq: 21 Dec 2020 16:16

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 22149

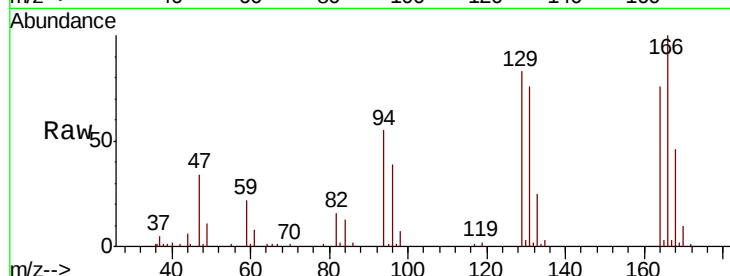
Ion Ratio Lower Upper

164 100

129 109.8 70.6 131.0

131 101.1 68.0 126.4

166 132.2 86.9 161.5

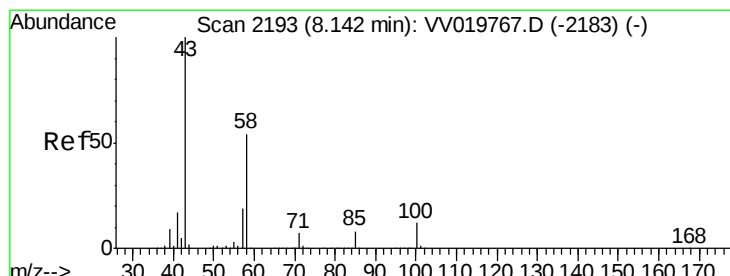
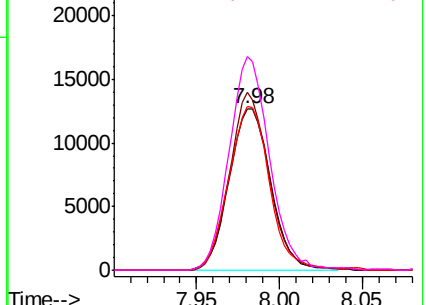
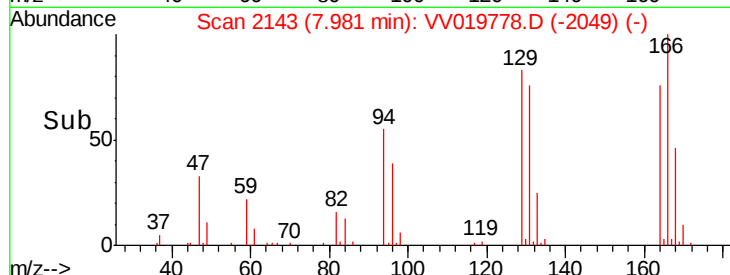


Abundance Ion 164.00 (163.70 to 164.70): V

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: 1.816 ug/L

RT: 8.14 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VV019778.D

Acq: 21 Dec 2020 16:16

Tgt Ion: 43 Resp: 9590

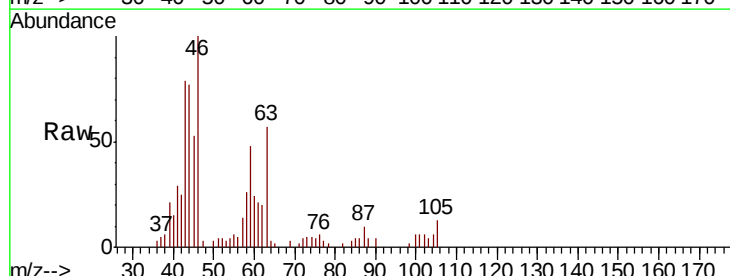
Ion Ratio Lower Upper

43 100

58 0.0 44.4 66.6#

57 1.0 15.7 23.5#

100 1.4 9.9 14.9#

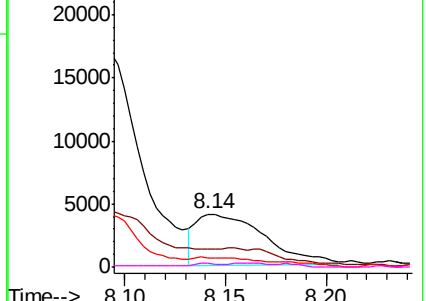
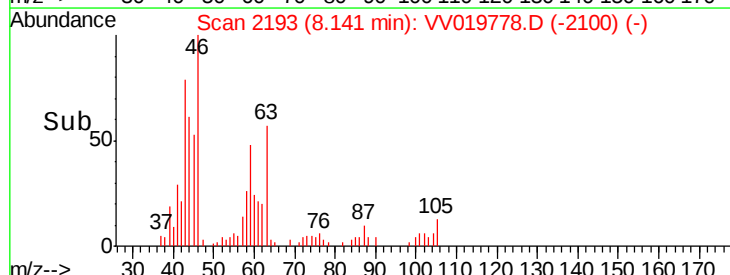


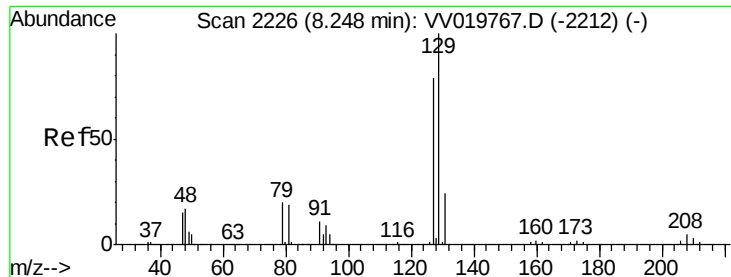
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 4.447 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. -0.27 min

Lab File: VV019778.D

Acq: 21 Dec 2020 16:16

Instrument :

MSVOA_V

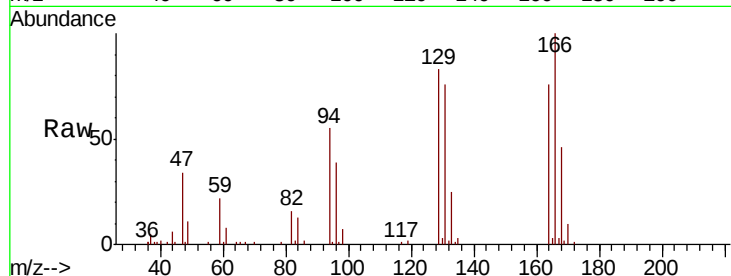
ClientSampleId :

Tot Ion:129 Resp: 22303

Ion Ratio Lower Upper

129 100

127 0.0 54.2 100.6#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

7.98

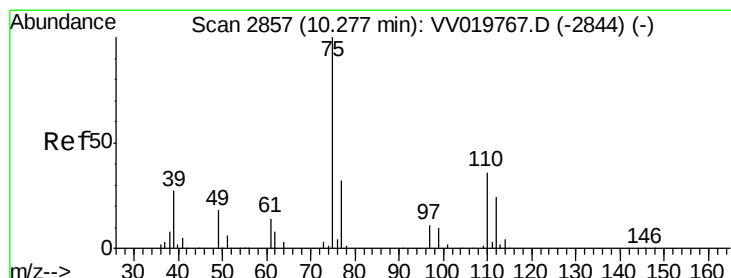
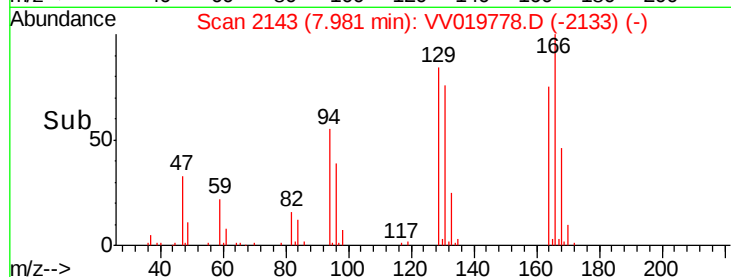
15000

10000

5000

0

Time-->



#59

1,2,3-Trichloropropane

Concen: 6.909 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.98 min

Lab File: VV019778.D

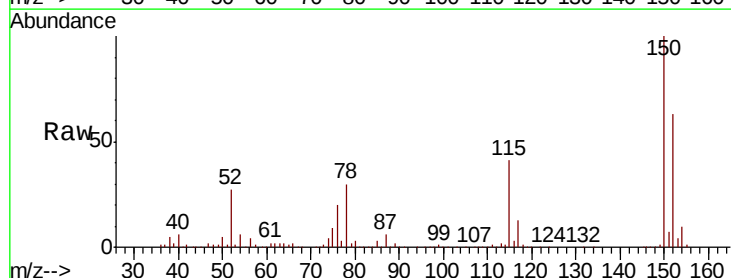
Acq: 21 Dec 2020 16:16

Tgt Ion: 75 Resp: 41448

Ion Ratio Lower Upper

75 100

77 34.7 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

11.25

30000

25000

20000

15000

10000

5000

0

Time-->

