

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122120\
 Data File : VV019783.D
 Acq On : 21 Dec 2020 18:17
 Operator : SY/MD
 Sample : L5087-07 8X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4Q2

Manual Integrations
 APPROVED

apatel
 12/22/2020 8:31:52 AM

Quant Time: Dec 22 01:34:20 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	686386	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	644929	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	312476	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	259818	52.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.58%
7) Chloroethane-d5	1.57	69	203303	52.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.74%
11) 1,1-Dichloroethene-d2	2.11	63	364977m	39.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.90%
21) 2-Butanone-d5	3.89	46	351467	131.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	131.38%#
24) Chloroform-d	4.35	84	443060	49.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.90%
26) 1,2-Dichloroethane-d4	5.04	65	308492	53.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.44%
32) Benzene-d6	5.05	84	895265	52.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.10%
36) 1,2-Dichloropropane-d6	6.07	67	285511	52.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.98%
41) Toluene-d8	7.32	98	777707	50.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.44%
43) trans-1,3-Dichloropropene-	7.62	79	132096	43.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.20%
47) 2-Hexanone-d5	8.09	63	220388	104.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.22%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	350270	48.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.12%
64) 1,2-Dichlorobenzene-d4	11.63	152	279542	47.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.72%

Target Compounds

					Qvalue
18) Methyl tert-butyl Ether	2.77	73	127355	8.132 ug/L	99
20) cis-1,2-Dichloroethene	3.92	96	7877	1.599 ug/L #	94
33) Benzene	5.11	78	109514	5.810 ug/L	100
34) Trichloroethene	5.92	95	165542	33.248 ug/L	99
46) Tetrachloroethene	7.98	164	566625	164.464 ug/L	99

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

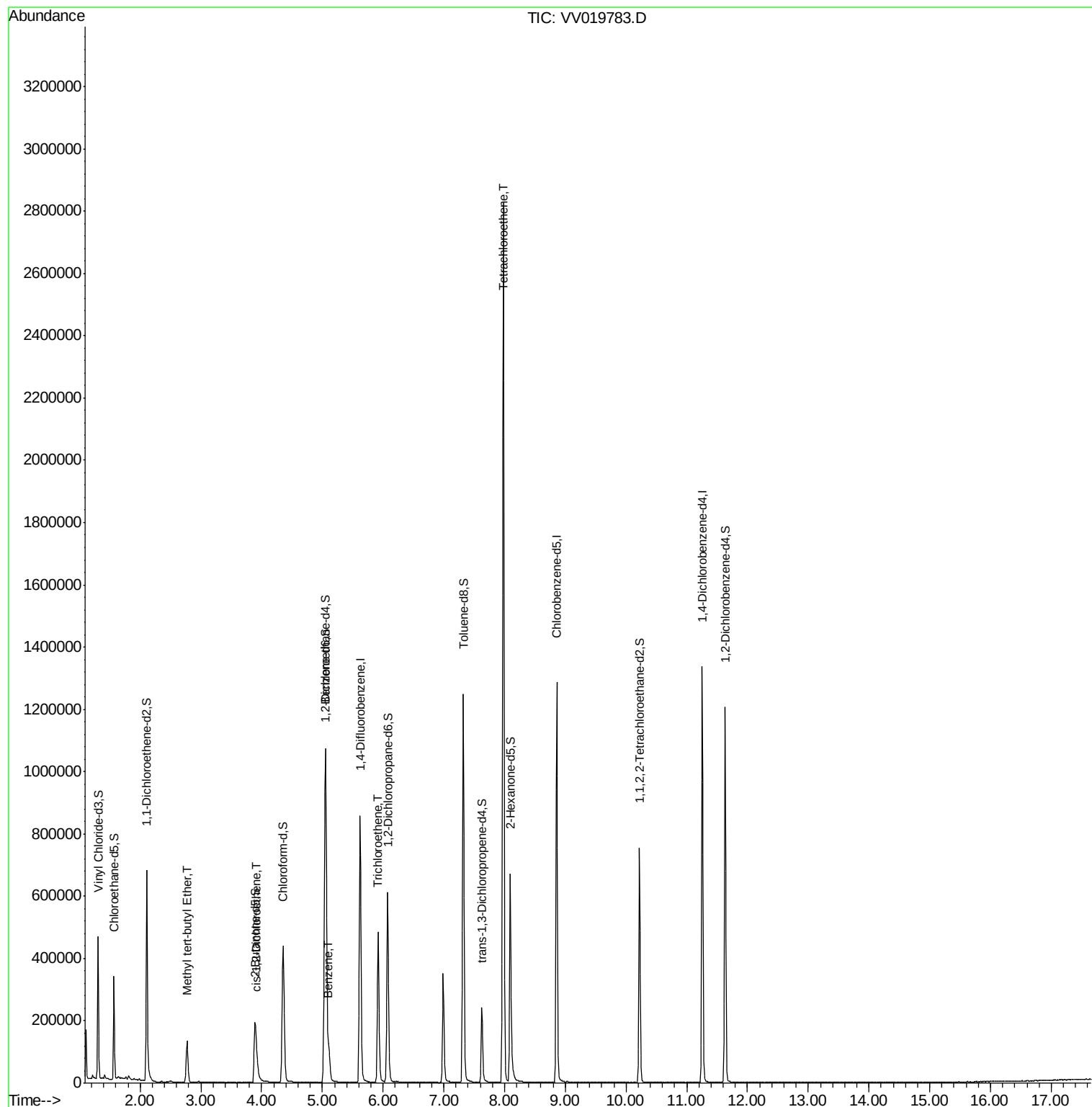
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV122120\
Data File : VV019783.D
Acq On : 21 Dec 2020 18:17
Operator : SY/MD
Sample : L5087-07 8X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

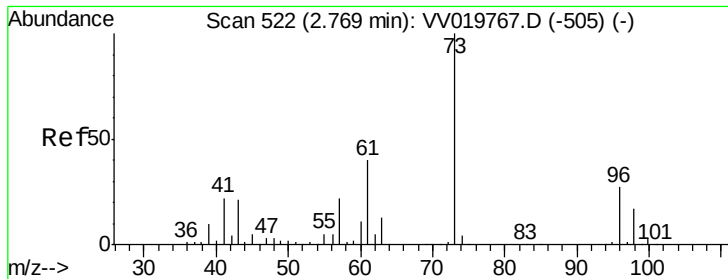
Instrument :
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ClientSampleId :
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Quant Title : VOC Analysis
QLast Update : Tue Dec 22 00:24:34 2020
Response via : Initial Calibration





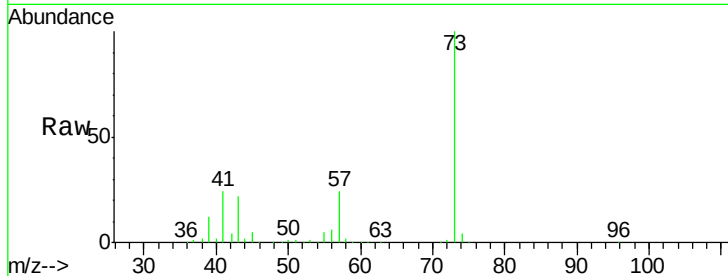
#18
Methyl tert-butyl Ether
Concen: 8.132 ug/L
RT: 2.77 min Scan# 523
Delta R.T. 0.00 min
Lab File: VV019783.D
Acq: 21 Dec 2020 18:17

Instrument :
MSVOA_V
ClientSampleId :
BG4Q2

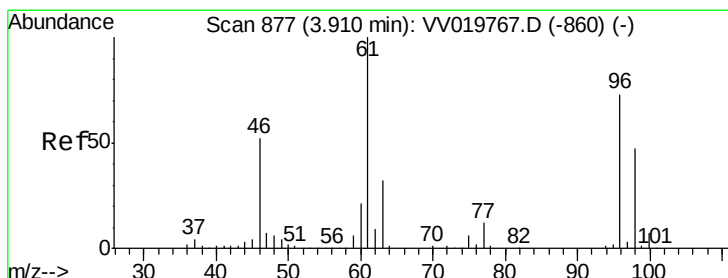
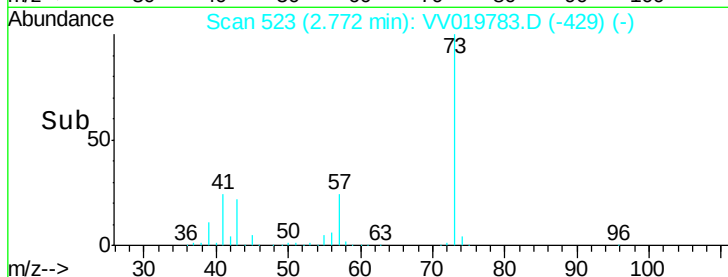
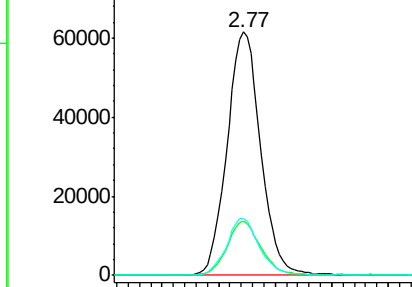
Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.4	17.3	25.9
57	23.0	17.5	26.3

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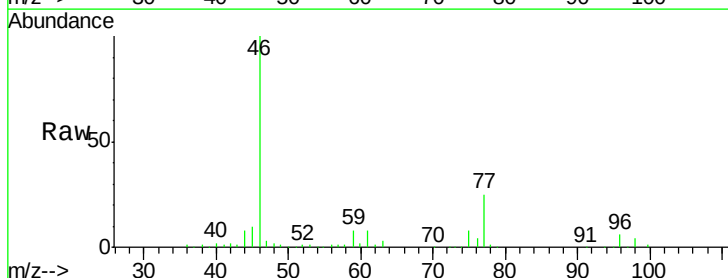


Abundance Ion 73.00 (72.70 to 73.70): VV0
Ion 43.00 (42.70 to 43.70): VV0
Ion 57.00 (56.70 to 57.70): VV0

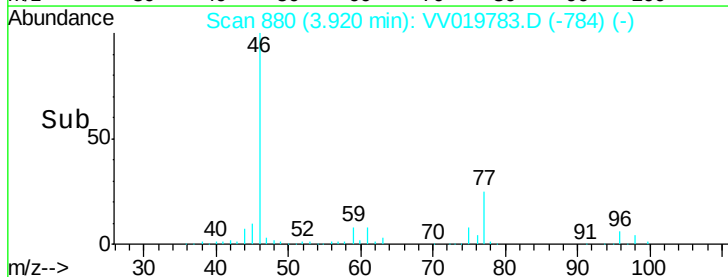
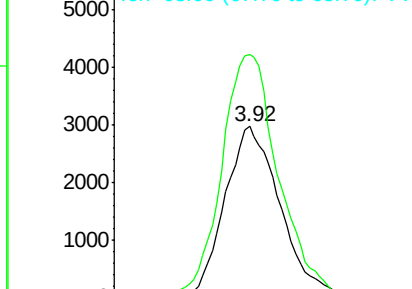


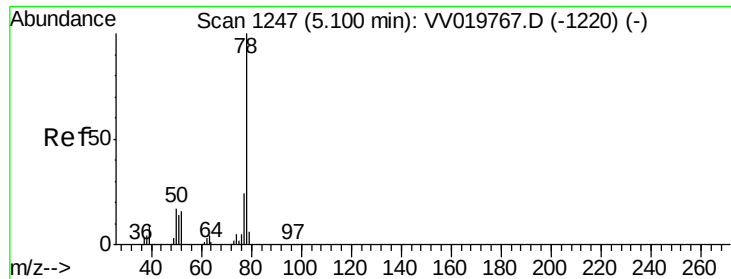
#20
cis-1,2-Dichloroethene
Concen: 1.599 ug/L
RT: 3.92 min Scan# 880
Delta R.T. 0.01 min
Lab File: VV019783.D
Acq: 21 Dec 2020 18:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	141.8	94.1	174.8
68	0.0	0.1	0.1#



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





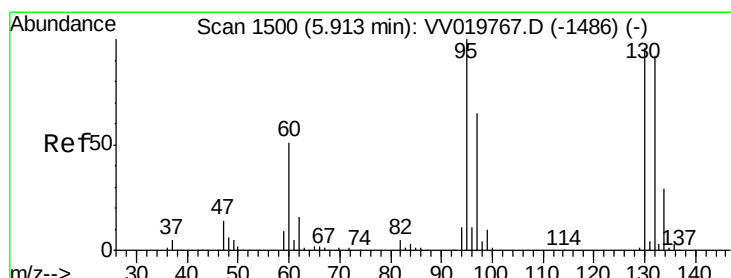
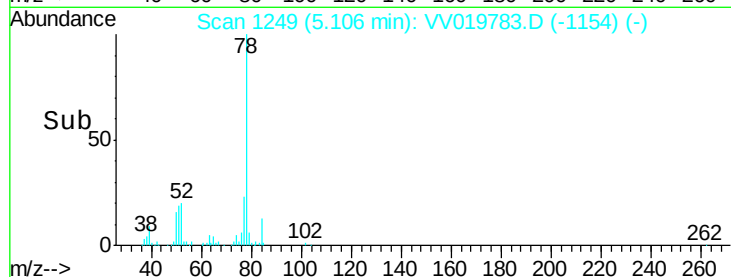
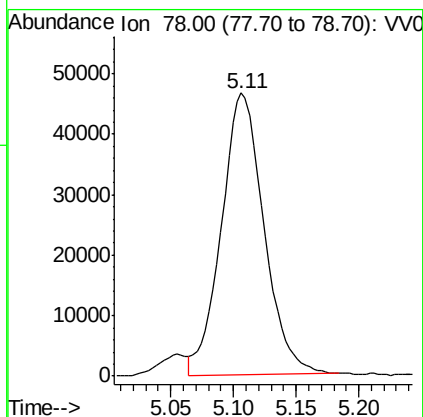
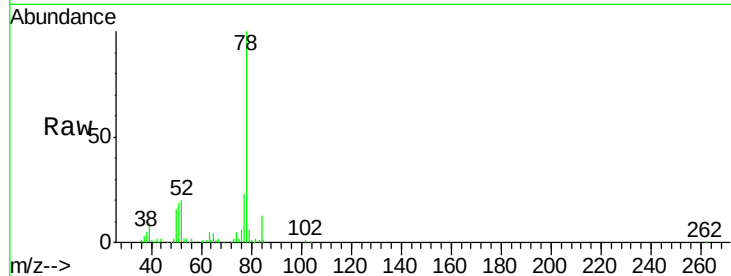
#33
Benzene
Concen: 5.810 ug/L
RT: 5.11 min Scan# 1249
Delta R.T. 0.01 min
Lab File: VV019783.D
Acq: 21 Dec 2020 18:17

Instrument :
MSVOA_V
ClientSampled :
BG4Q2

Tgt Ion: 78 Resp: 109514

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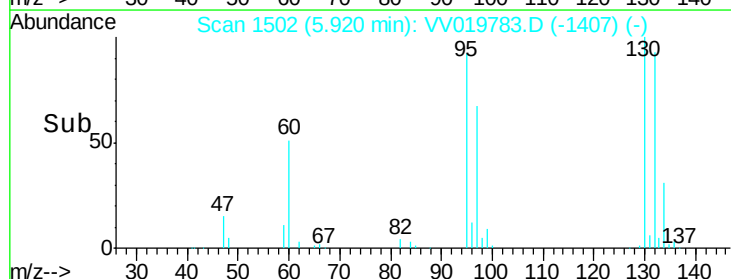
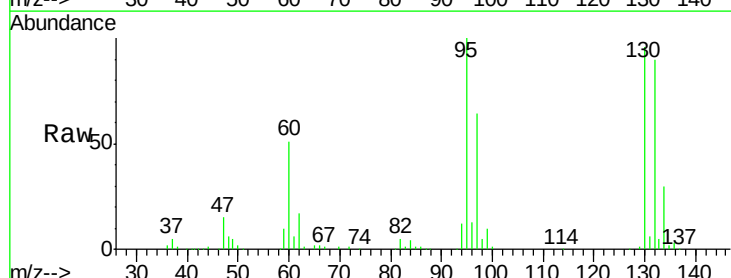
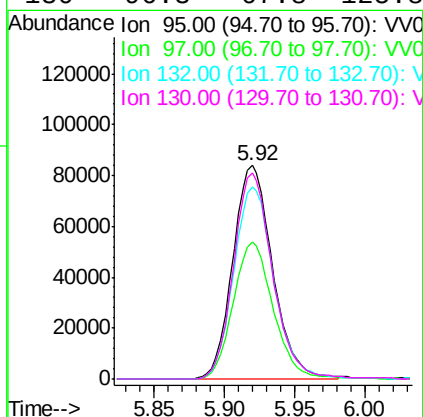
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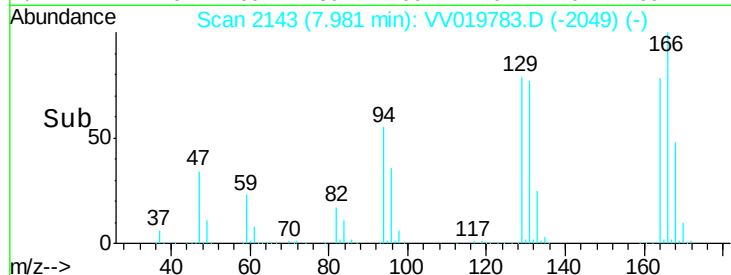
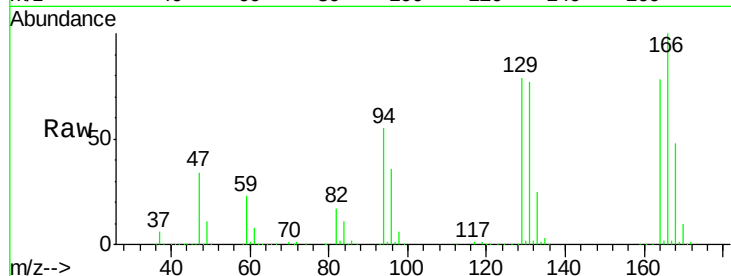
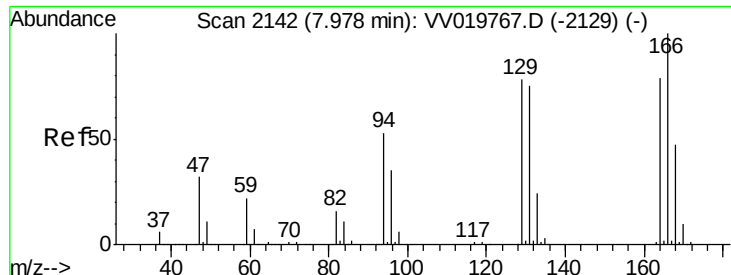


#34
Trichloroethene
Concen: 33.248 ug/L
RT: 5.92 min Scan# 1502
Delta R.T. 0.01 min
Lab File: VV019783.D
Acq: 21 Dec 2020 18:17

Tgt Ion: 95 Resp: 165542

Ion	Ratio	Lower	Upper
95	100		
97	64.2	44.4	82.4
132	89.9	64.3	119.3
130	96.3	67.8	125.8





#46

Tetrachloroethene

Concen: 164.464 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019783.D

Acq: 21 Dec 2020 18:17

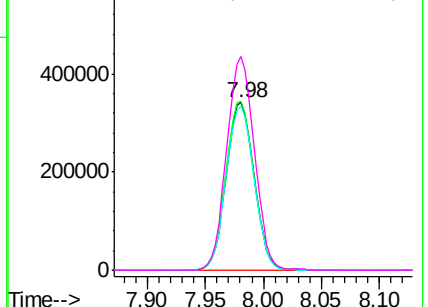
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	566625		
129	101.2	70.6	131.0	
131	97.8	68.0	126.4	
166	127.5	86.9	161.5	

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



Instrument :

MSVOA_V

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