

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
 Data File : VV017935.D
 Acq On : 12 Aug 2020 18:21
 Operator : SY/MD
 Sample : L3665-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L27

Manual Integrations
 APPROVED

MMDadoda
 8/13/2020 1:38:50 PM

Quant Time: Aug 13 05:40:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 04:34:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	252977	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	244412	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	108323	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	89652	46.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.90%
7) Chloroethane-d5	1.58	69	76542	48.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.94%
11) 1,1-Dichloroethene-d2	2.12	63	132746	35.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.90%
21) 2-Butanone-d5	3.91	46	125386	99.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.18%
24) Chloroform-d	4.38	84	167384	47.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.28%
26) 1,2-Dichloroethane-d4	5.06	65	115676	50.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.38%
32) Benzene-d6	5.08	84	334646	49.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.36%
36) 1,2-Dichloropropane-d6	6.09	67	110478	50.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.34%
41) Toluene-d8	7.34	98	291548	48.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.26%
43) trans-1,3-Dichloropropene-	7.64	79	47638	47.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.40%
47) 2-Hexanone-d5	8.11	63	58766	83.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.16%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	125078	43.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.24%
64) 1,2-Dichlorobenzene-d4	11.65	152	115004	53.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.88%

Target Compounds

					Ovalue
13) Acetone	2.19	43	10310	7.896 ug/L	94
20) cis-1,2-Dichloroethene	3.94	96	2538	1.324 ug/L	92
22) 2-Butanone	4.03	43	4605m	3.144 ug/L	
34) Trichloroethene	5.95	95	2952m	1.477 ug/L	
46) Tetrachloroethene	8.00	164	2400	1.637 ug/L	91

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

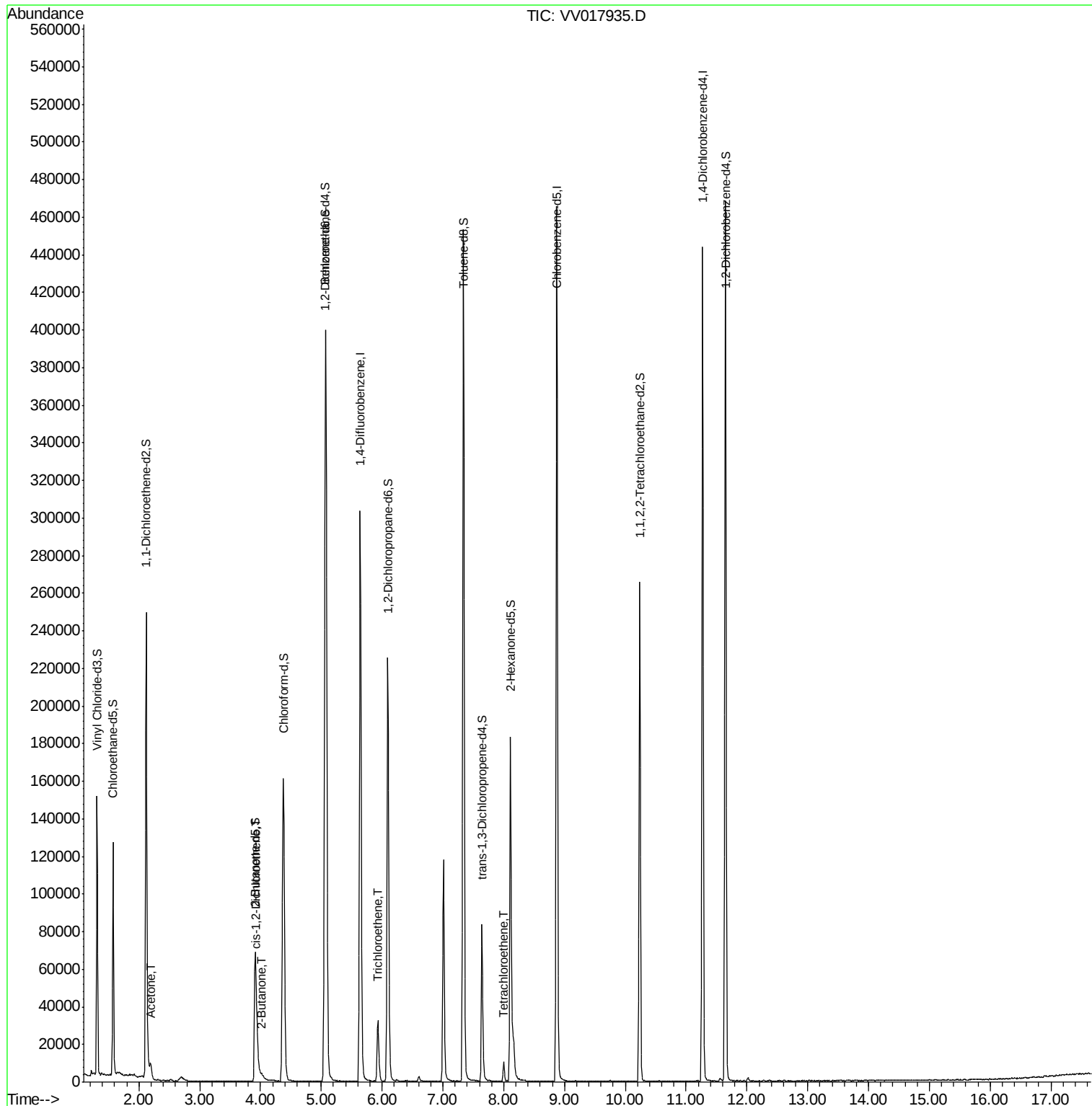
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV081220\
Data File : VV017935.D
Acq On : 12 Aug 2020 18:21
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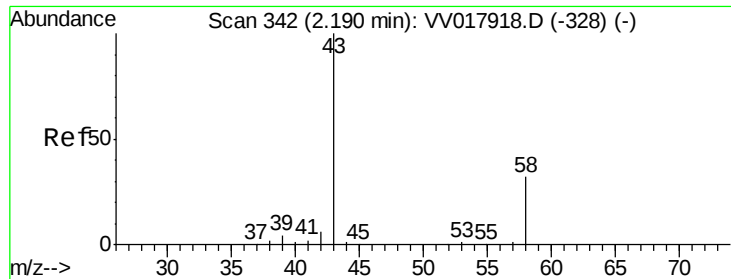
Instrument :
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Quant Title : VOC Analysis
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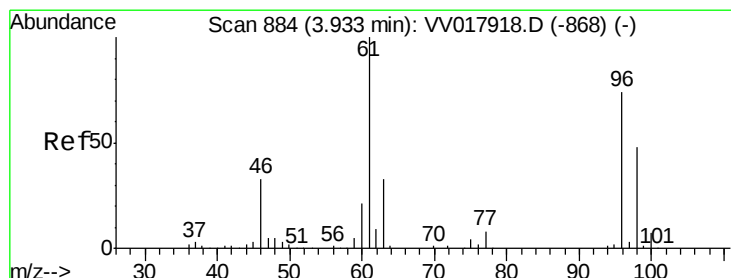
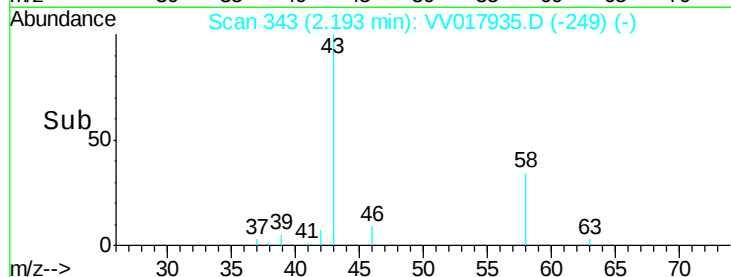
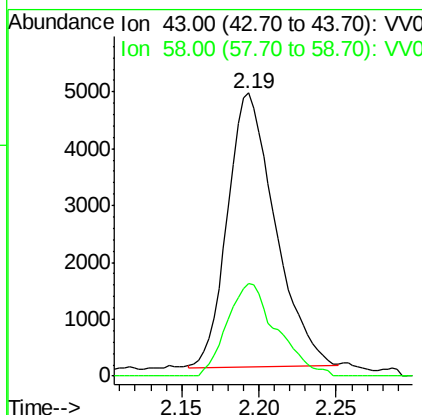
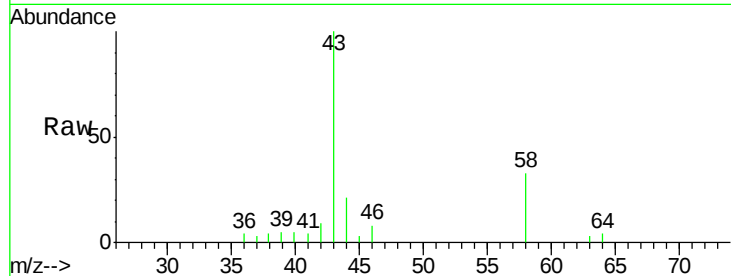
#13
Acetone
Concen: 7.896 ug/L
RT: 2.19 min Scan# 343
Delta R.T. 0.00 min
Lab File: VV017935.D
Acq: 12 Aug 2020 18:21

Instrument :
MSVOA_V
ClientSampled :
F4L27

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
58	35.1	0.0	63.6	

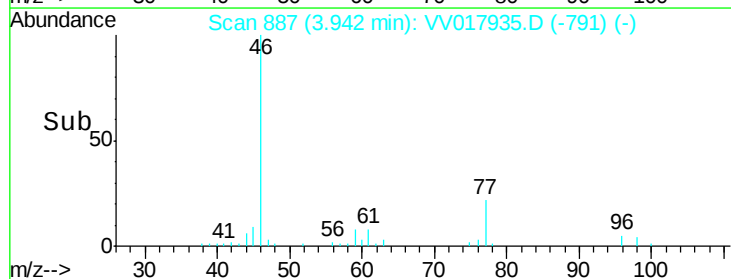
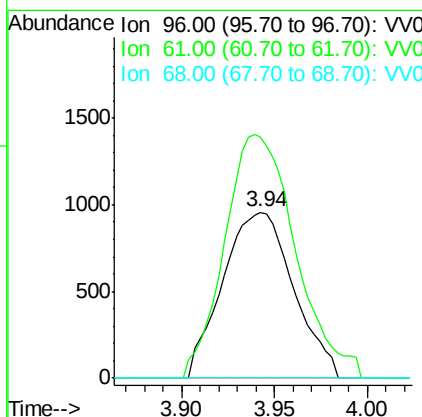
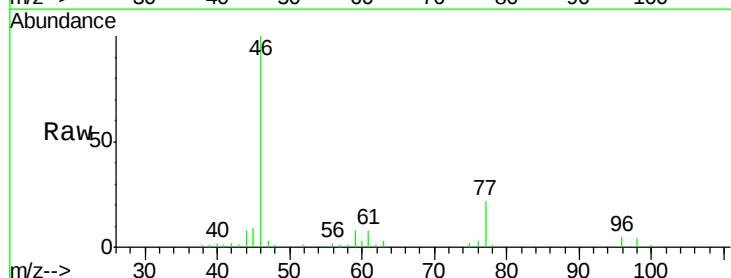
Manual Integrations
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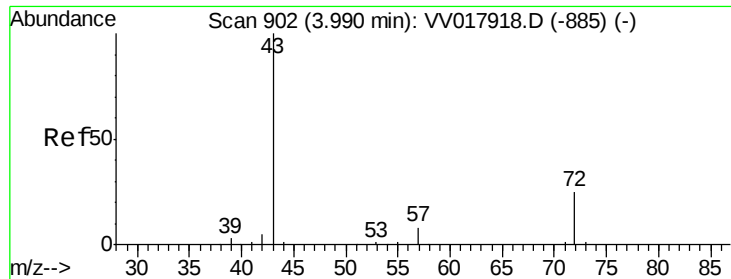
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#20
cis-1,2-Dichloroethene
Concen: 1.324 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV017935.D
Acq: 12 Aug 2020 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
96	100			
61	144.8	95.0	176.4	
68	0.0	0.0	0.0	





#22

2-Butanone

Concen: 3.144 ug/L m

RT: 4.03 min Scan# 913

Delta R.T. 0.04 min

Lab File: VV017935.D

Acq: 12 Aug 2020 18:21

Instrument :

MSVOA_V

ClientSampled :

F4L27

Tot Ion: 43 Resp: 4605

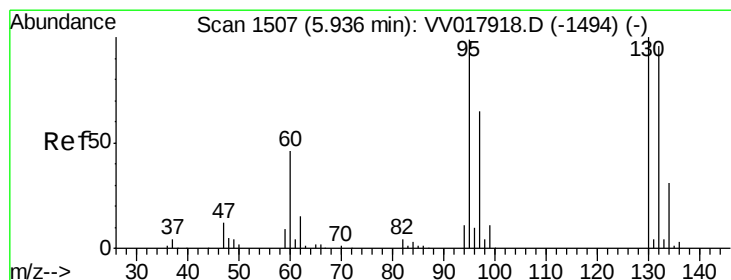
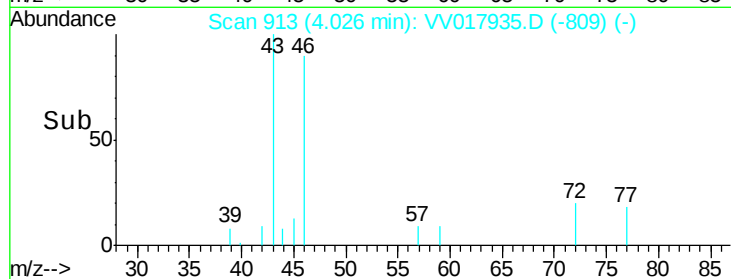
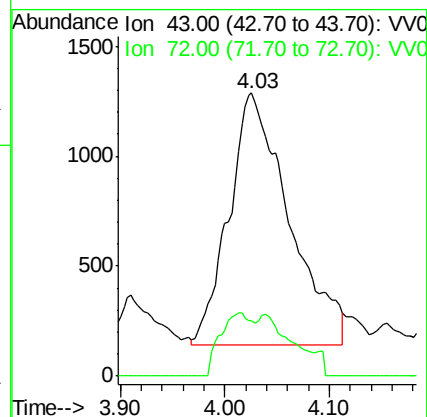
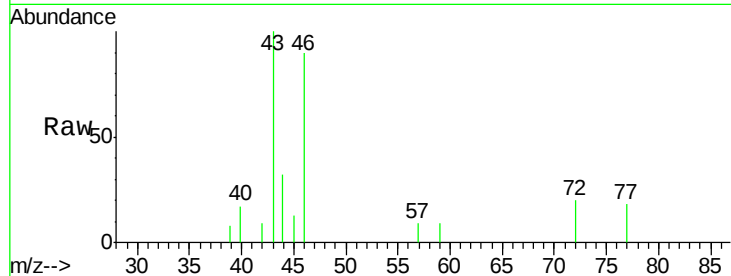
Ion Ratio Lower Upper

43 100

72 13.5 12.7 38.0

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#34

Trichloroethene

Concen: 1.477 ug/L m

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV017935.D

Acq: 12 Aug 2020 18:21

Tgt Ion: 95 Resp: 2952

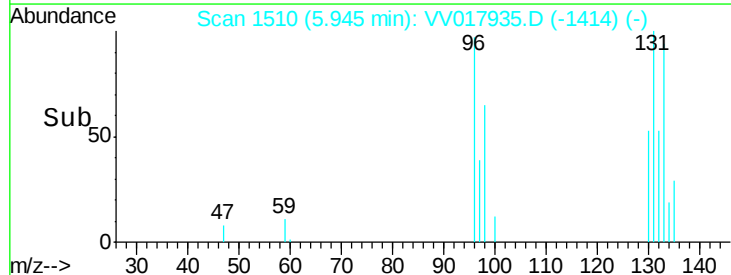
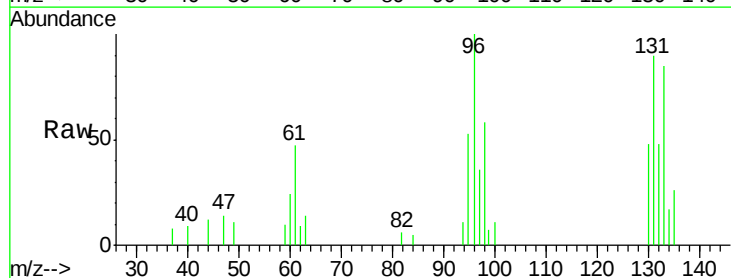
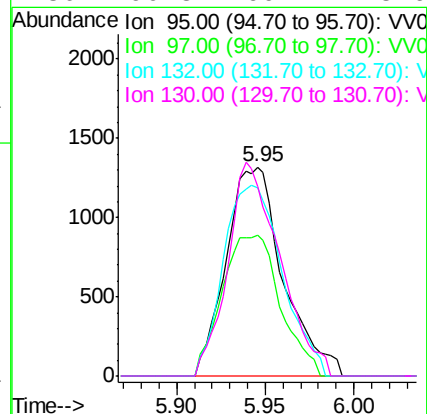
Ion Ratio Lower Upper

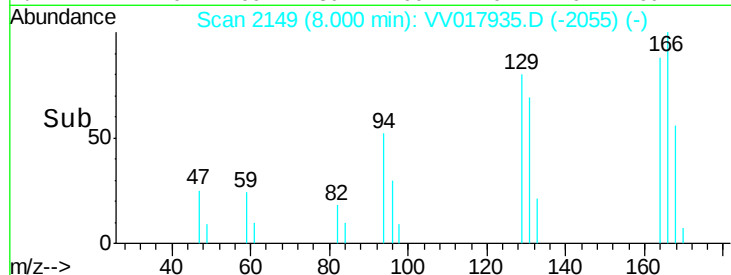
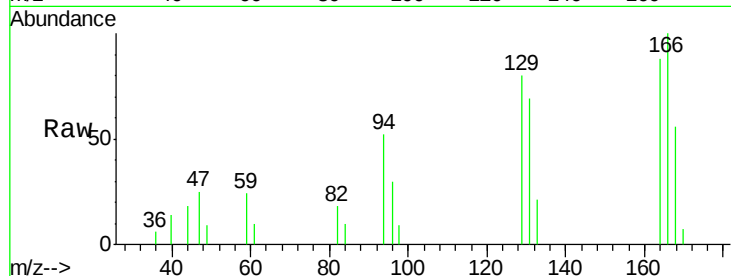
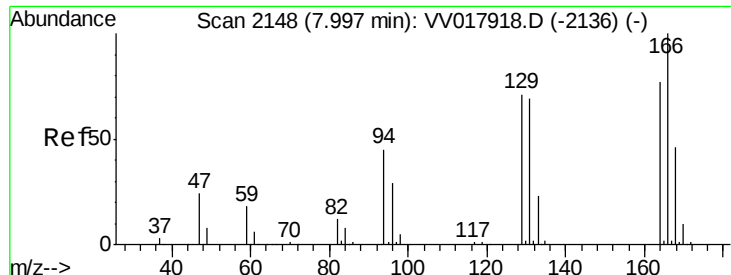
95 100

97 67.1 46.0 85.4

132 89.9 65.8 122.2

130 90.8 69.2 128.6





#46

Tetrachloroethene

Concen: 1.637 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV017935.D

Acq: 12 Aug 2020 18:21

Tot Ion:	164	Resp:	2400
Ion	Ratio	Lower	Upper
164	100		
129	90.9	64.8	120.3
131	78.8	64.5	119.9
166	114.0	88.9	165.1

Instrument :
MSVOA_V
ClientSampleId :
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