

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082720\
 Data File : VW016382.D
 Acq On : 27 Aug 2020 10:58
 Operator : SY/VA
 Sample : L3800-07
 Misc : 6.75G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3J0

Manual Integrations
 APPROVED

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 8/28/2020 3:18:20 PM

Quant Time: Aug 28 08:23:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 28 08:08:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	7681	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	4435	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	638	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	2205	26.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.56%
7) Chloroethane-d5	2.89	69	2240	35.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	143.92%
10) 1,1-Dichloroethene-d2	4.04	63	3799m	19.50	ug/L	0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.00%
20) 2-Butanone-d5	7.12	46	578m	24.78	ug/L	0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.56%
24) Chloroform-d	7.65	84	4907	24.51	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.04%
26) 1,2-Dichloroethane-d4	8.32	65	2315	22.43	ug/L	0.01
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.72%
29) Benzene-d6	8.28	84	9312	37.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	150.44%#
33) 1,2-Dichloropropane-d6	9.28	67	2451	35.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	143.08%#
37) Toluene-d8	10.33	98	6879	29.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	117.80%
38) trans-1,3-Dichloropropene-	10.59	79	542	16.39	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.56%
39) 2-Hexanone-d5	10.94	63	103	9.38	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	18.76%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	1142	20.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	635m	25.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.84%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	2.36	62	492	5.482	ug/L	# 71
16) Methylene chloride	4.93	84	1241m	8.740	ug/L	
22) cis-1,2-Dichloroethene	7.17	96	11753m	104.330	ug/L	
35) Trichloroethene	9.10	95	1070	14.855	ug/L	92
47) Tetrachloroethene	10.87	164	8470	149.124	ug/L	93

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

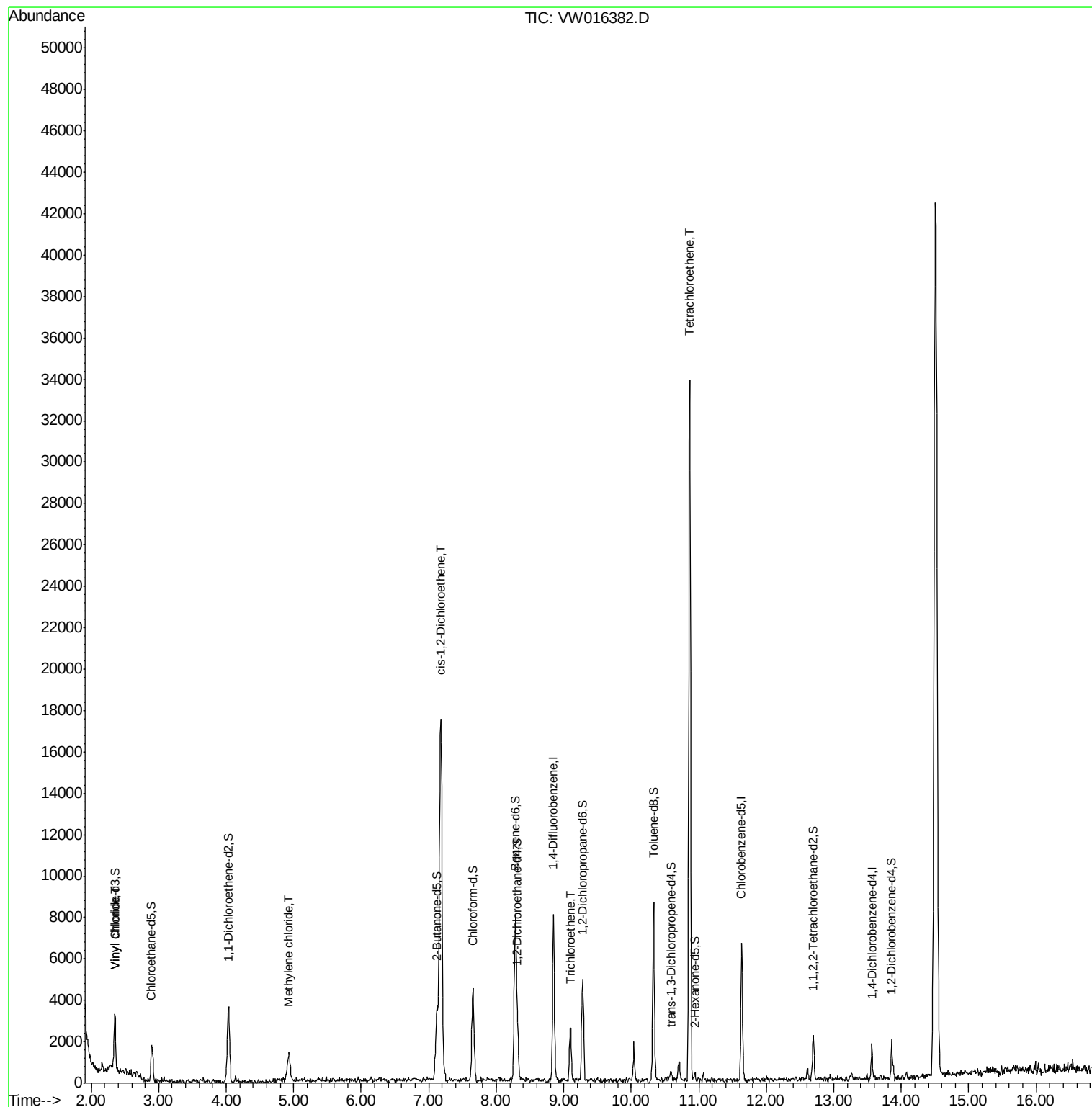
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082720\
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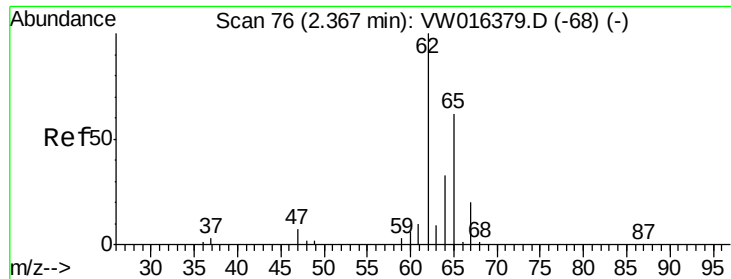
Instrument :
MSVOA_W
ClientSampleId :
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Quant Time: Aug 28 08:23:46 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 28 08:08:30 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 5.482 ug/L

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW016382.D

Acq: 27 Aug 2020 10:58

Instrument :

MSVOA_W

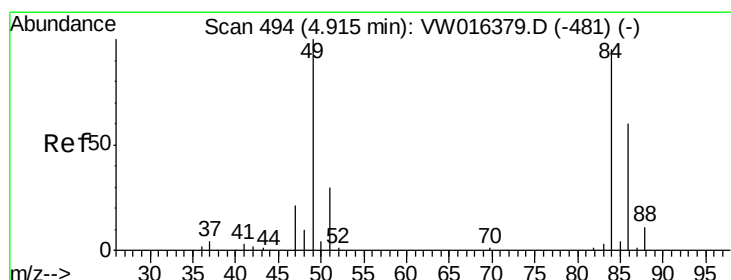
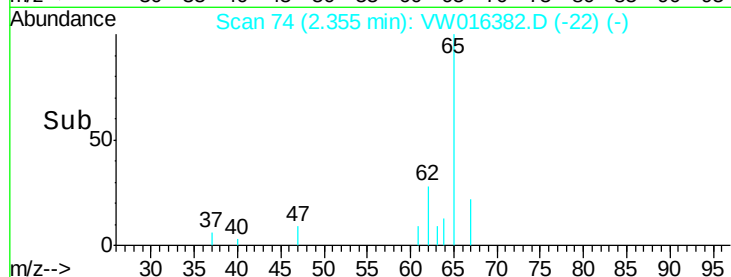
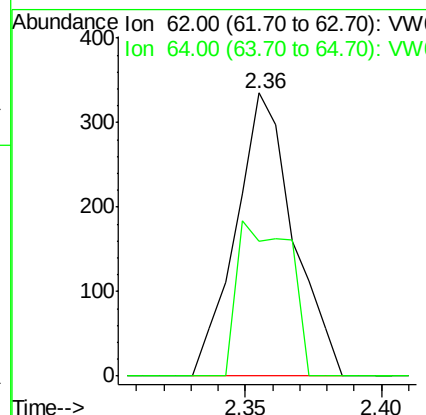
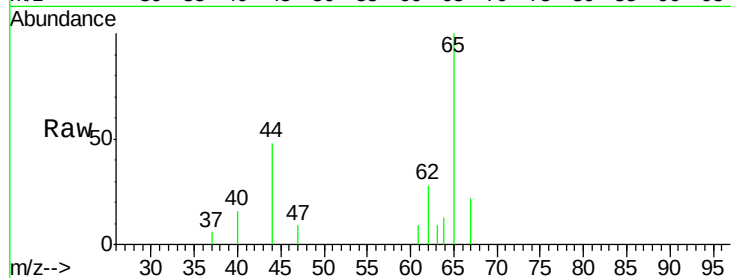
ClientSampled :

BG3J0

Tot Ion	Ratio	Lower	Upper
62	100		
64	47.5	22.0	41.0#

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#16

Methylene chloride

Concen: 8.740 ug/L m

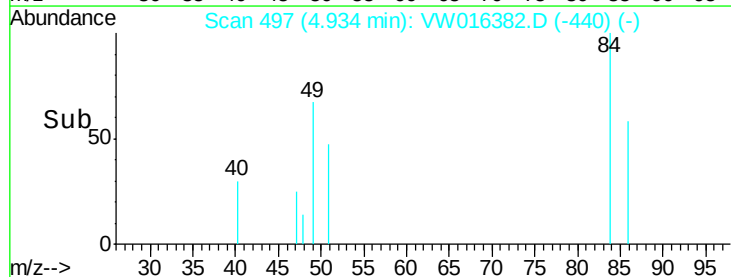
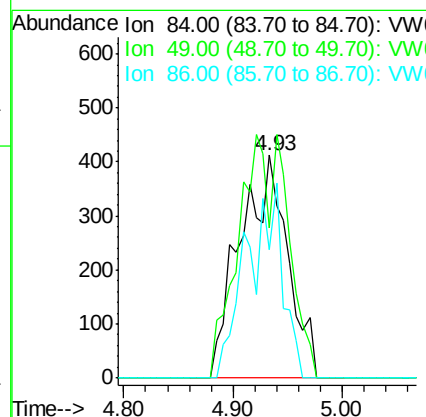
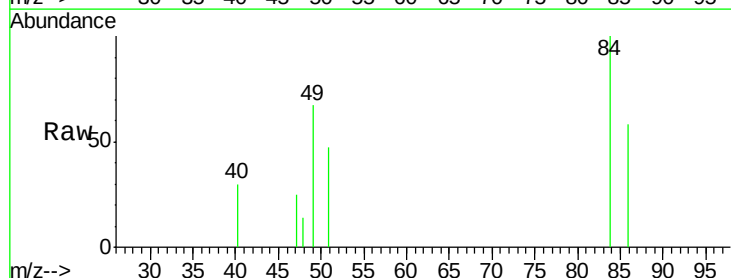
RT: 4.93 min Scan# 497

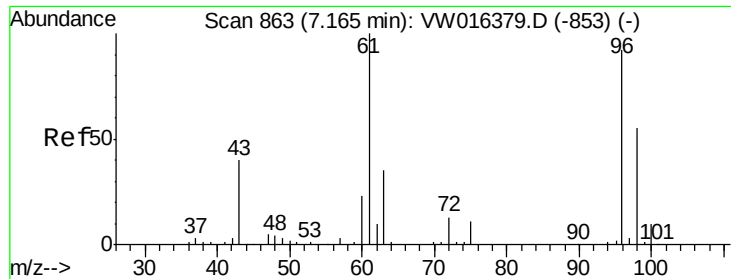
Delta R.T. 0.02 min

Lab File: VW016382.D

Acq: 27 Aug 2020 10:58

Tgt Ion	Ratio	Lower	Upper
84	100		
49	67.2	75.3	139.9#
86	57.5	43.3	80.3





#22

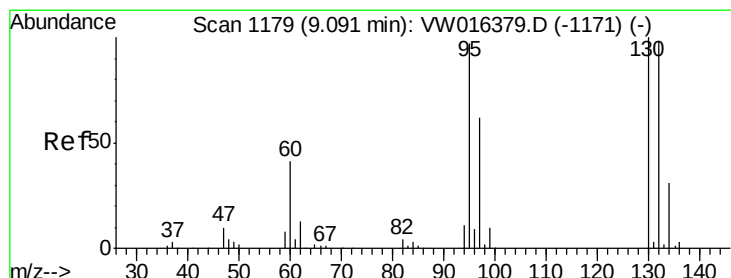
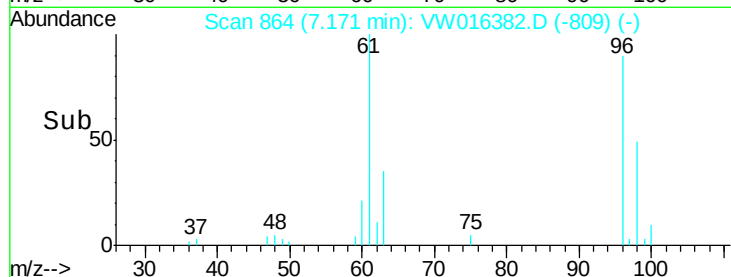
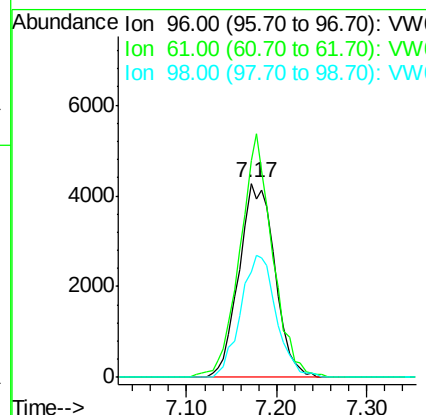
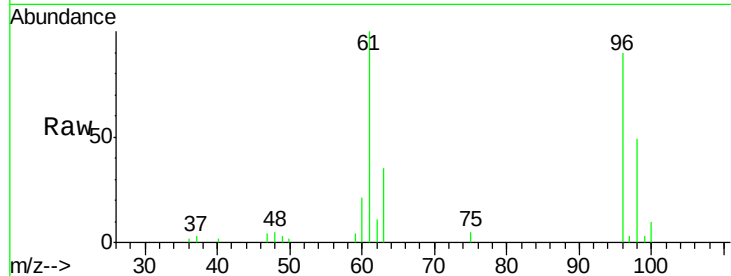
cis-1,2-Dichloroethene
Concen: 104.330 ug/L m
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW016382.D
Acq: 27 Aug 2020 10:58

Instrument :
MSVOA_W
ClientSampled :
BG3J0

Tot Ion:	96	Resp:	11753
Ion	Ratio	Lower	Upper
96	100		
61	111.7	84.9	157.7
98	54.5	46.8	86.8

Manual Integrations
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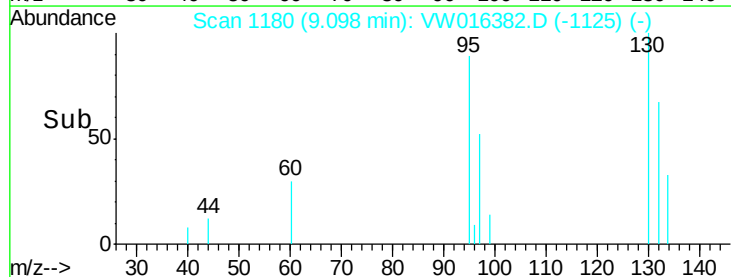
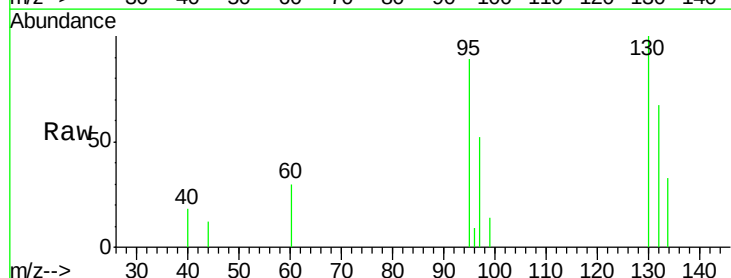
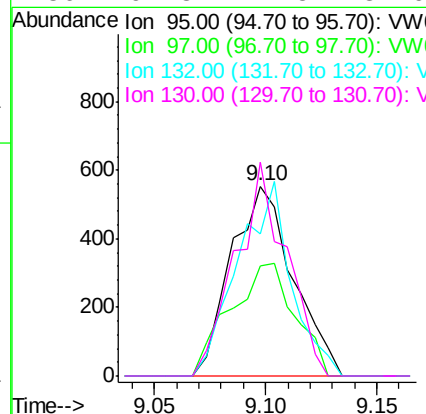
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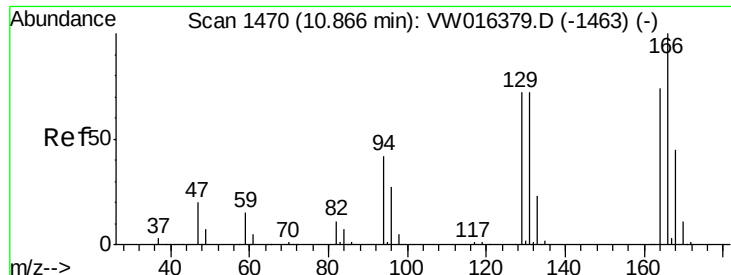


#35

Trichloroethene
Concen: 14.855 ug/L
RT: 9.10 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VW016382.D
Acq: 27 Aug 2020 10:58

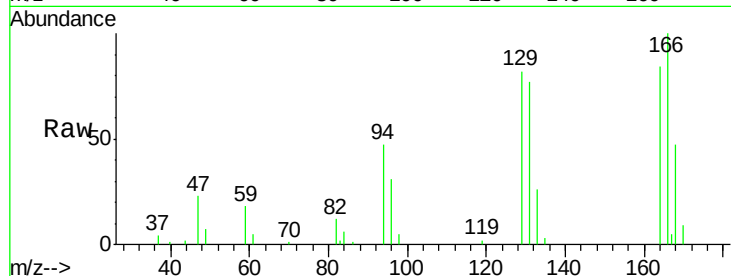
Tgt Ion:	95	Resp:	1070
Ion	Ratio	Lower	Upper
95	100		
97	61.9	44.9	83.5
132	88.5	68.2	126.6
130	91.8	71.5	132.9





#47
 Tetrachloroethene
 Concen: 149.124 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VW016382.D
 Acq: 27 Aug 2020 10:58

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3J0



Tot Ion:	164	Resp:	8470
Ion	Ratio	Lower	Upper
164	100		
129	97.8	71.5	132.7
131	91.4	67.4	125.2
166	119.3	92.5	171.9

Manual Integrations
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