

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100720\
 Data File : VW016820.D
 Acq On : 07 Oct 2020 02:14
 Operator : SY/VA
 Sample : L4254-15
 Misc : 5.40G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3T8

Manual Integrations
 APPROVED

MMDadoda
 10/8/2020 5:38:55 PM

Quant Time: Oct 07 05:47:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 03:05:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	643546	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	654486	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	300415	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	159669	25.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.60%
7) Chloroethane-d5	2.89	69	132665	24.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.64%
10) 1,1-Dichloroethene-d2	4.02	63	218204	16.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.76%
20) 2-Butanone-d5	7.07	46	63605	44.23	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.46%
24) Chloroform-d	7.65	84	310690	22.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.52%
26) 1,2-Dichloroethane-d4	8.31	65	158436m	24.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.64%
29) Benzene-d6	8.27	84	648699	21.82	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.28%
33) 1,2-Dichloropropane-d6	9.27	67	179731	22.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.00%
37) Toluene-d8	10.32	98	649963	23.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.68%
38) trans-1,3-Dichloropropene-	10.58	79	78117	22.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.68%
39) 2-Hexanone-d5	10.93	63	60606	49.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	152578	23.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	242589	25.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.84%

Target Compounds

					Ovalue
13) Acetone	4.11	43	6484m	5.958	ug/L
16) Methylene chloride	4.92	84	12736	1.434	ug/L
22) cis-1,2-Dichloroethene	7.17	96	7807	0.880	ug/L
35) Trichloroethene	9.09	95	15253	1.534	ug/L
47) Tetrachloroethene	10.87	164	14463	1.569	ug/L

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

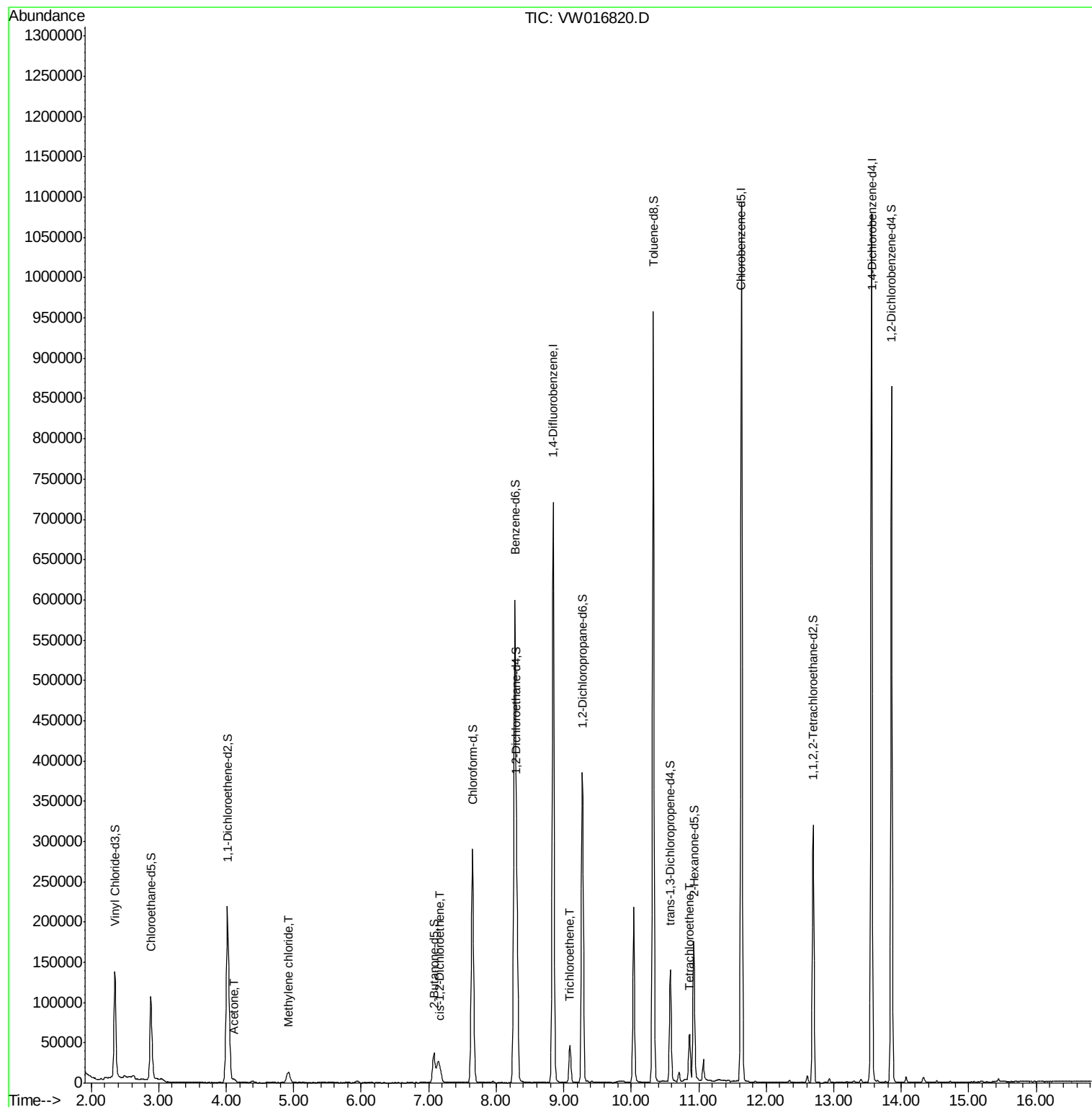
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100720\
Data File : VW016820.D
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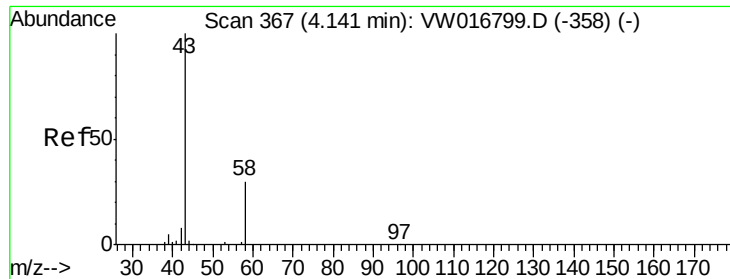
Instrument :
MSVOA_W
ClientSampleId :
BG3T8

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Quant Time: Oct 07 05:47:04 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 07 03:05:19 2020
Response via : Initial Calibration





#13

Acetone

Concen: 5.958 ug/L m

RT: 4.11 min Scan# 362

Delta R.T. -0.03 min

Lab File: VW016820.D

Acq: 07 Oct 2020 02:14

Instrument :

MSVOA_W

ClientSampled :

BG3T8

Tot Ion: 43 Resp: 6484

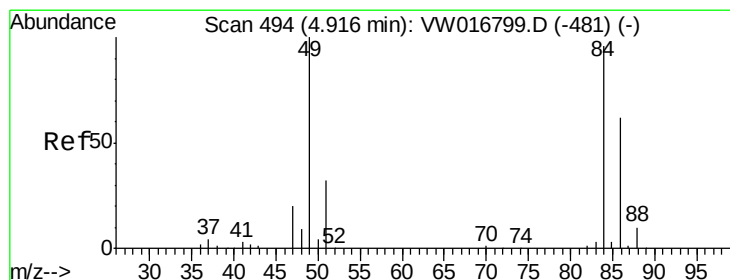
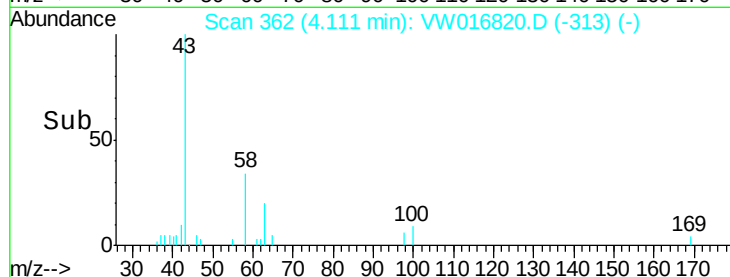
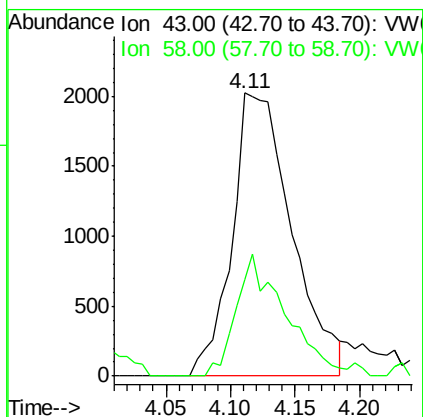
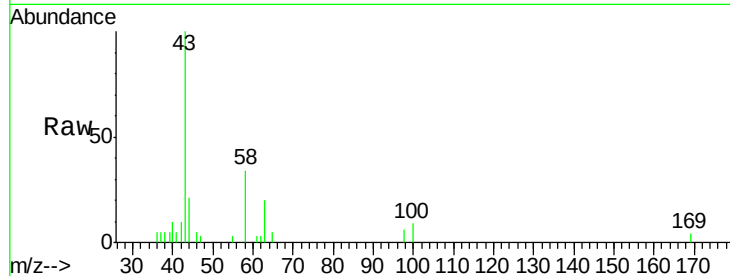
Ion Ratio Lower Upper

43 100

58 17.8 0.0 67.6

Manual Integrations
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#16

Methylene chloride

Concen: 1.434 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW016820.D

Acq: 07 Oct 2020 02:14

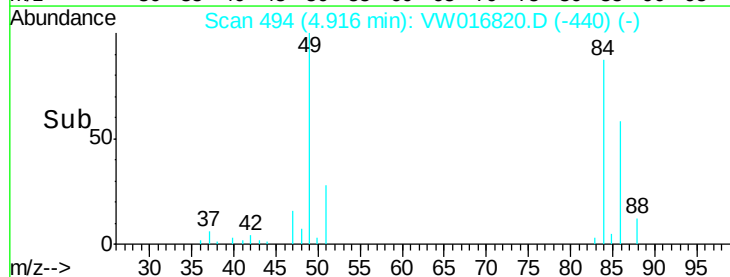
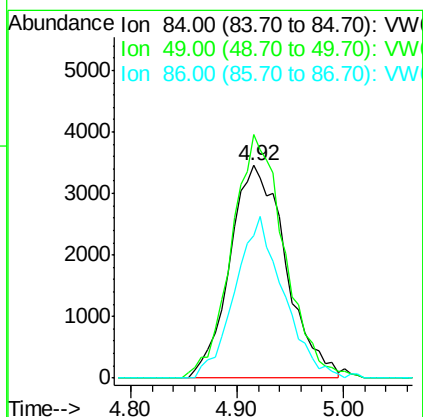
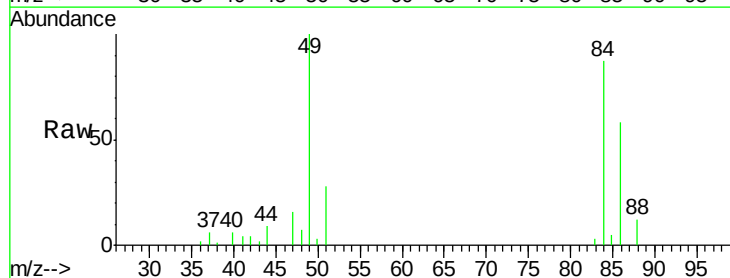
Tgt Ion: 84 Resp: 12736

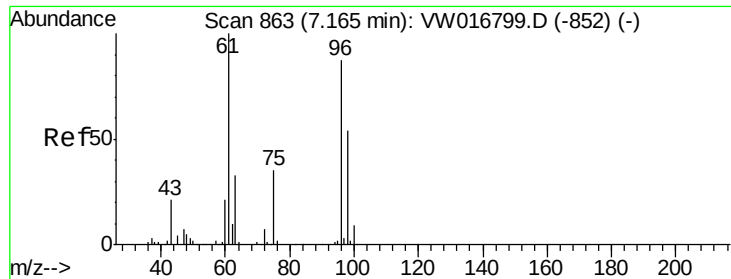
Ion Ratio Lower Upper

84 100

49 114.6 73.1 135.8

86 66.9 46.0 85.4





#22

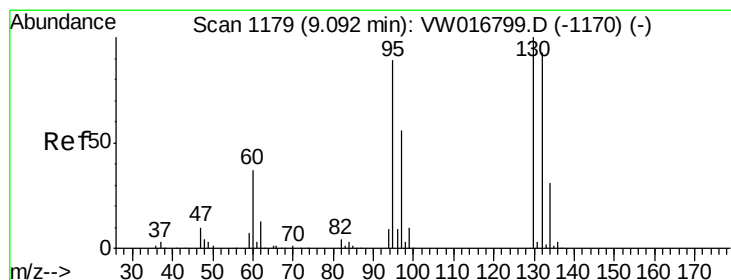
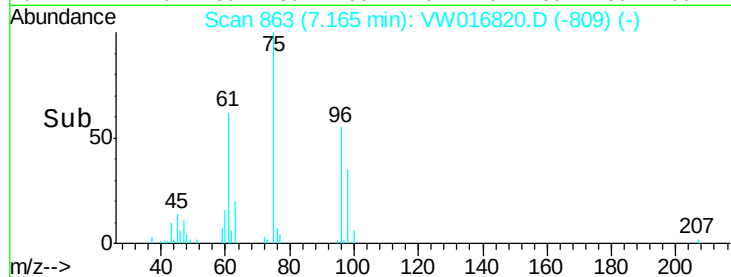
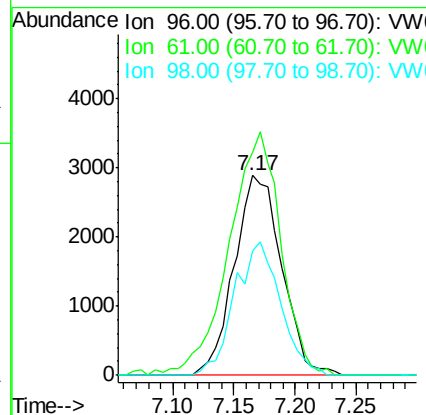
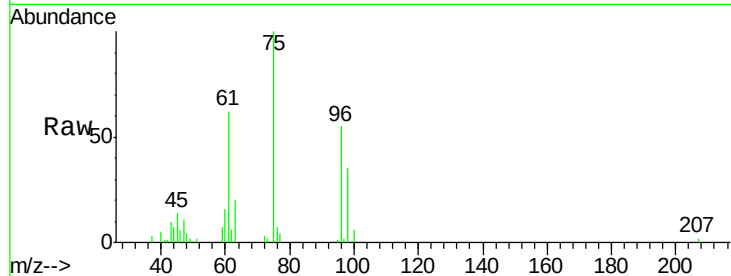
cis-1,2-Dichloroethene
Concen: 0.880 ug/L
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW016820.D
Acq: 07 Oct 2020 02:14

Instrument :
MSVOA_W
ClientSampled :
BG3T8

Tot Ion	Ratio	Lower	Upper
96	100		
61	111.9	76.0	141.2
98	62.3	42.7	79.3

Manual Integrations
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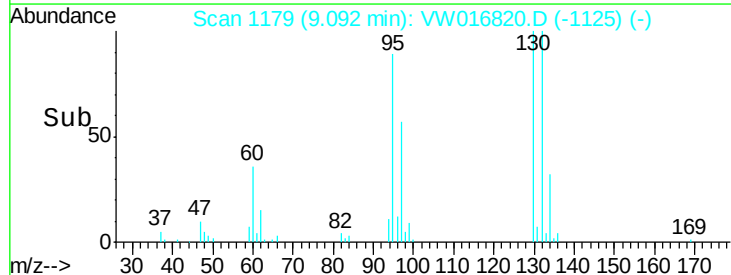
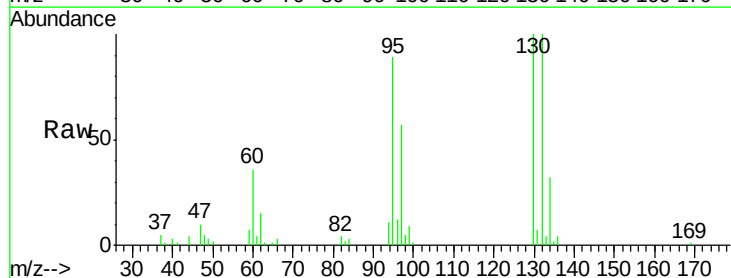
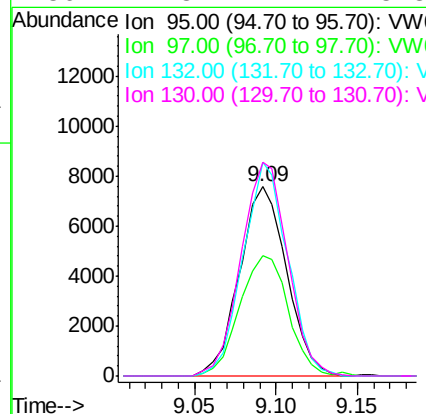
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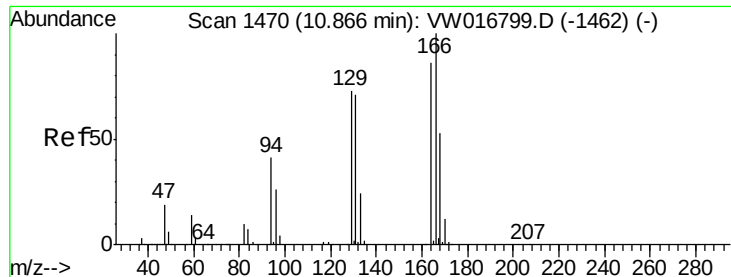


#35

Trichloroethene
Concen: 1.534 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW016820.D
Acq: 07 Oct 2020 02:14

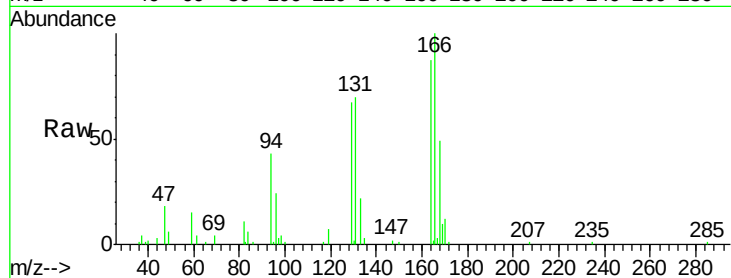
Tgt Ion	Ratio	Lower	Upper
95	100		
97	65.4	44.7	83.1
132	106.6	73.8	137.2
130	111.8	77.1	143.3





#47
 Tetrachloroethene
 Concen: 1.569 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: VW016820.D
 Acq: 07 Oct 2020 02:14

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3T8



Tot Ion:	164	Resp:	14463
Ion Ratio	Lower	Upper	
164	100		
129	77.5	61.7	114.7
131	80.8	59.7	110.9
166	115.0	88.3	164.1

Manual Integrations
 APPROVED

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