

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110420\
 Data File : VW017083.D
 Acq On : 04 Nov 2020 20:00
 Operator : SY/VA
 Sample : L4615-11
 Misc : 5.51G/10ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :
 BG483

Manual Integrations
 APPROVED

MMDadoda
 11/6/2020 9:37:13 AM

Quant Time: Nov 05 07:22:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 04 16:12:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	509237	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	462416	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	209724	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	149717	23.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.36%
7) Chloroethane-d5	2.89	69	111658	22.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.36%
10) 1,1-Dichloroethene-d2	4.03	63	199920	17.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.72%
20) 2-Butanone-d5	7.08	46	48548	33.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.70%
24) Chloroform-d	7.65	84	270734	22.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.08%
26) 1,2-Dichloroethane-d4	8.31	65	128271m	21.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.80%
29) Benzene-d6	8.27	84	564026	23.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.80%
33) 1,2-Dichloropropane-d6	9.27	67	154356	23.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.80%
37) Toluene-d8	10.32	98	537209	24.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.76%
38) trans-1,3-Dichloropropene-	10.58	79	61563	20.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.84%
39) 2-Hexanone-d5	10.93	63	40476	35.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	109230	19.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	187687	25.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.60%

Target Compounds

					Qvalue
13) Acetone	4.13	43	9323	9.707 ug/L	96
14) Carbon disulfide	4.39	76	6465	0.376 ug/L	100
16) Methylene chloride	4.92	84	7145	1.041 ug/L	94
17) Methyl tert-butyl Ether	5.43	73	10141	1.314 ug/L #	86
22) cis-1,2-Dichloroethene	7.17	96	3408	0.493 ug/L	92
35) Trichloroethene	9.09	95	288963	42.483 ug/L	99
47) Tetrachloroethene	10.87	164	1771719	288.704 ug/L	98

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

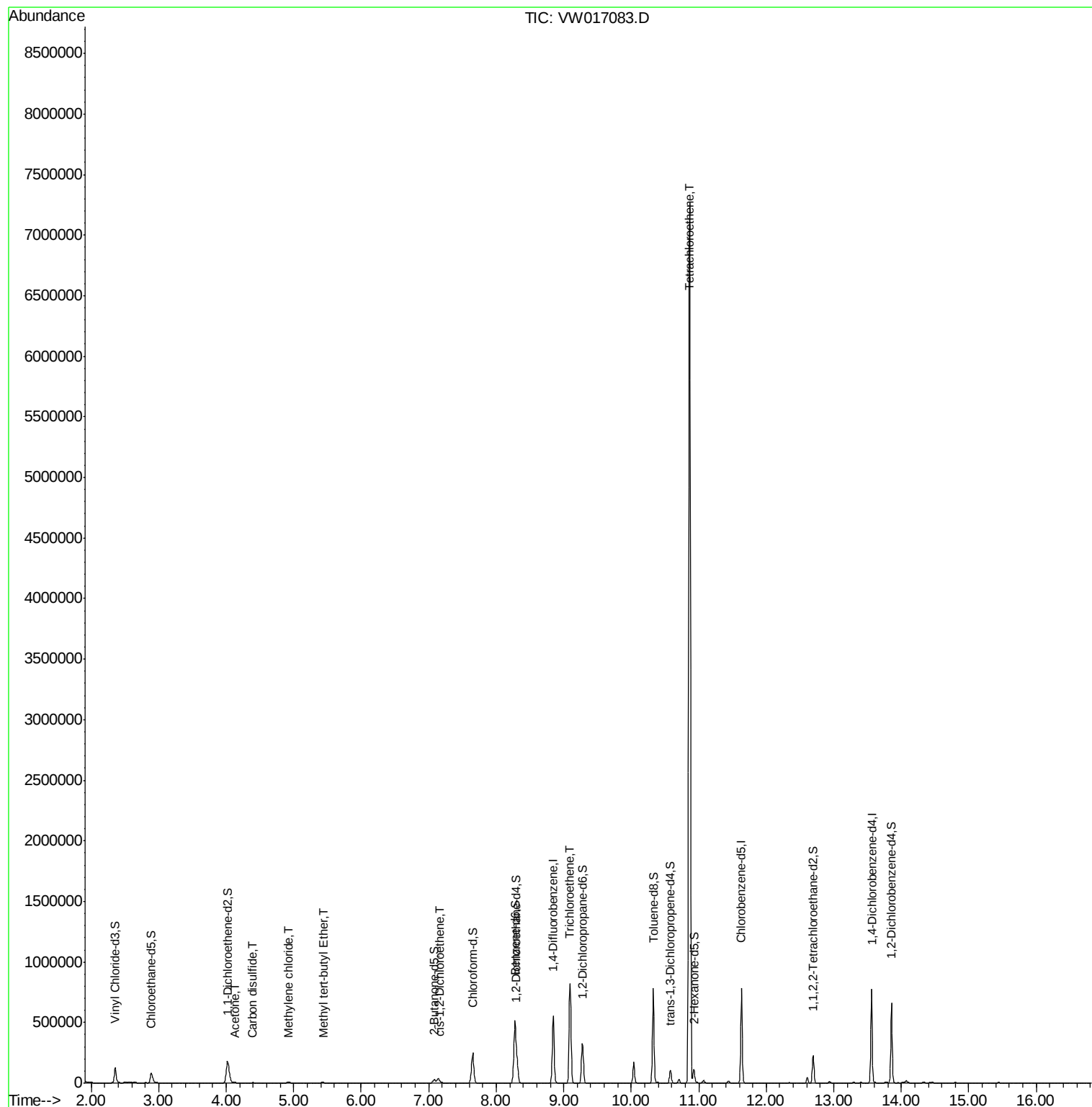
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110420\
Data File : VW017083.D
Acq On : 04 Nov 2020 20:00
Operator : SY/VA
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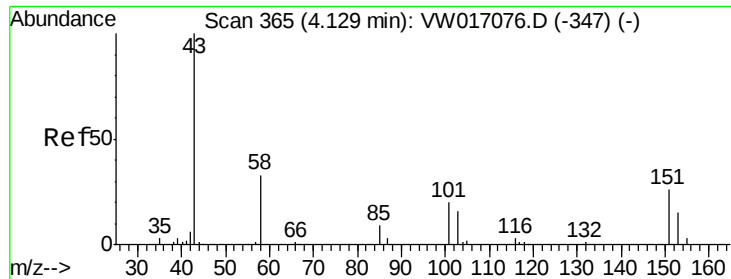
Instrument :
MSVOA_W
ClientSampleId :
BG483

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Quant Time: Nov 05 07:22:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 04 16:12:16 2020
Response via : Initial Calibration





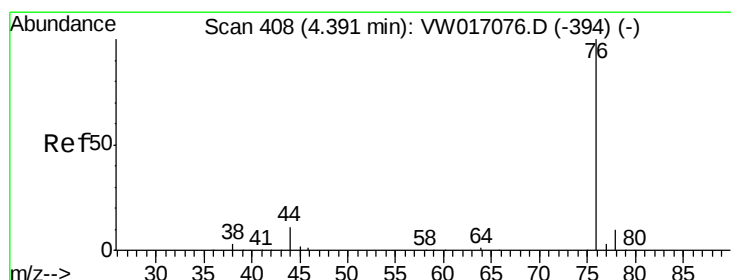
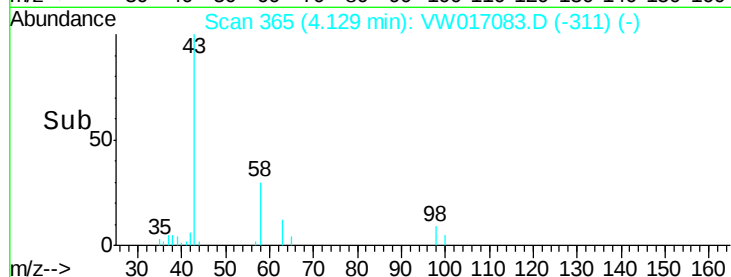
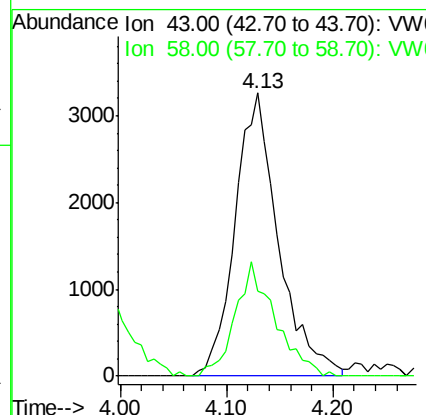
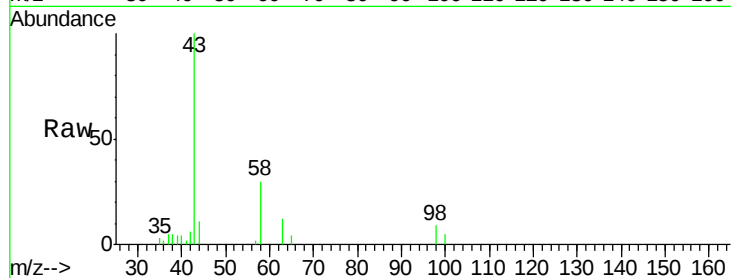
#13
Acetone
Concen: 9.707 ug/L
RT: 4.13 min Scan# 365
Delta R.T. 0.00 min
Lab File: VW017083.D
Acq: 04 Nov 2020 20:00

Instrument :
MSVOA_W
ClientSampled :
BG483

Tgt Ion: 43 Resp: 9323
Ion Ratio Lower Upper
43 100
58 36.9 0.0 69.2

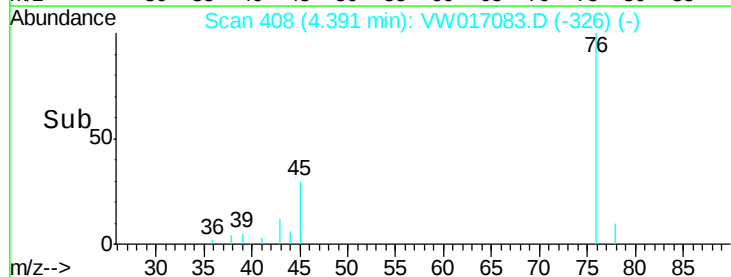
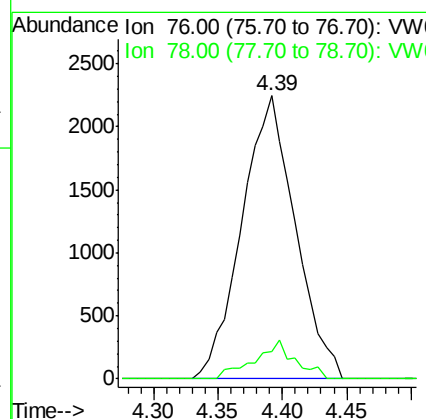
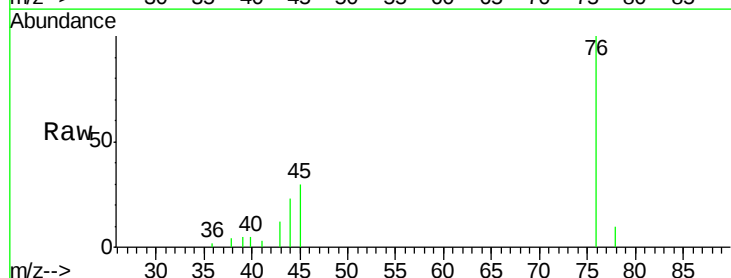
Manual Integrations
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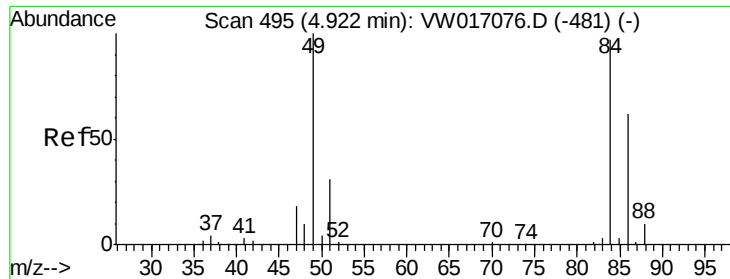
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#14
Carbon disulfide
Concen: 0.376 ug/L
RT: 4.39 min Scan# 408
Delta R.T. 0.00 min
Lab File: VW017083.D
Acq: 04 Nov 2020 20:00

Tgt Ion: 76 Resp: 6465
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4





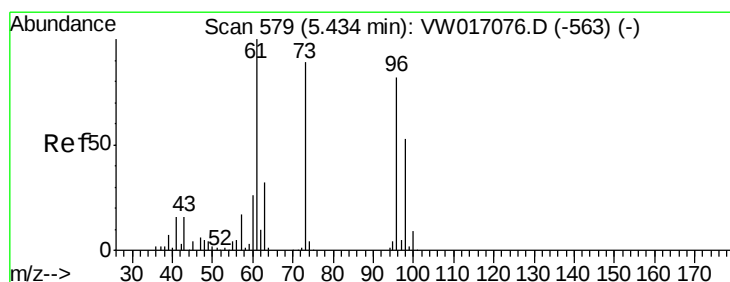
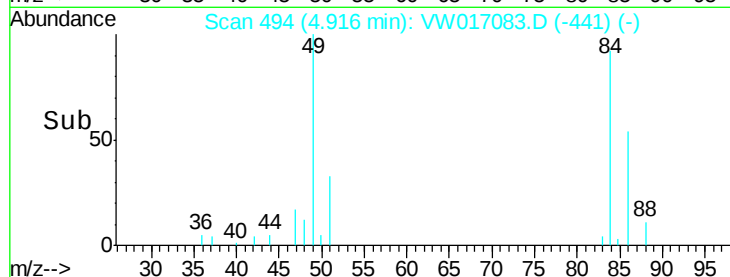
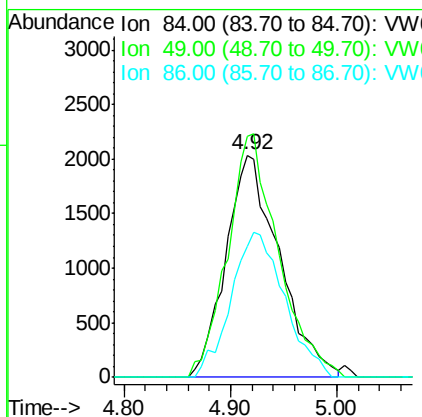
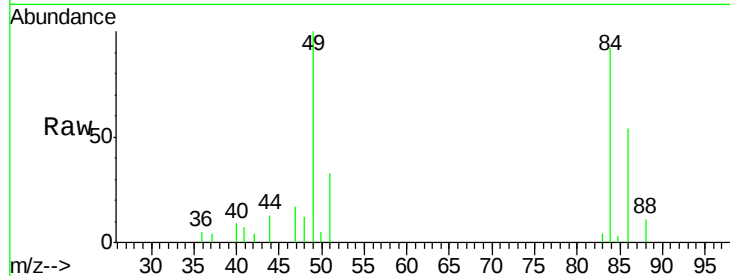
#16
Methylene chloride
Concen: 1.041 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW017083.D
Acq: 04 Nov 2020 20:00

Instrument :
MSVOA_W
ClientSampleId :
BG483

Tgt Ion	Ratio	Lower	Upper
84	100		
49	108.6	72.3	134.3
86	58.8	45.1	83.7

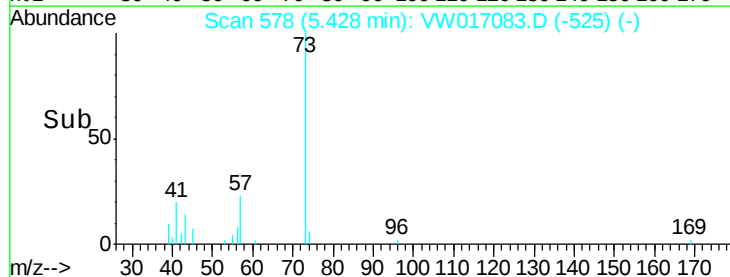
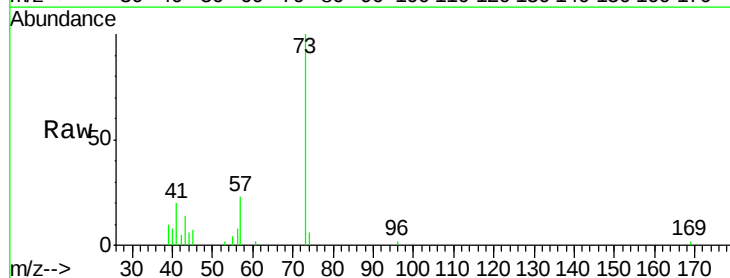
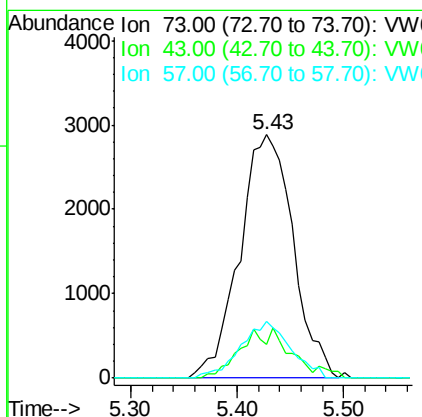
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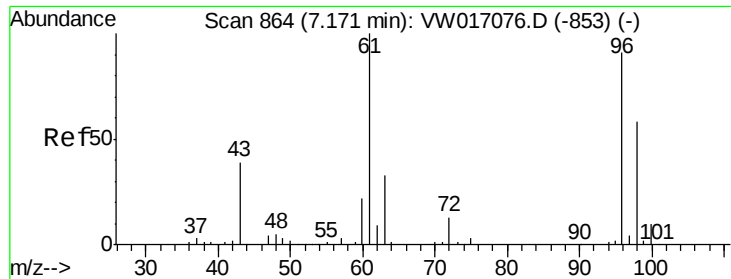
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#17
Methyl tert-butyl Ether
Concen: 1.314 ug/L
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW017083.D
Acq: 04 Nov 2020 20:00

Tgt Ion	Ratio	Lower	Upper
73	100		
43	5.9	14.5	21.7#
57	21.6	16.3	24.5





#22

cis-1,2-Dichloroethene

Concen: 0.493 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW017083.D

Acq: 04 Nov 2020 20:00

Instrument :

MSVOA_W

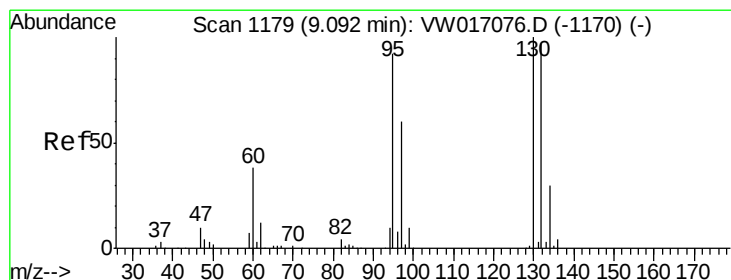
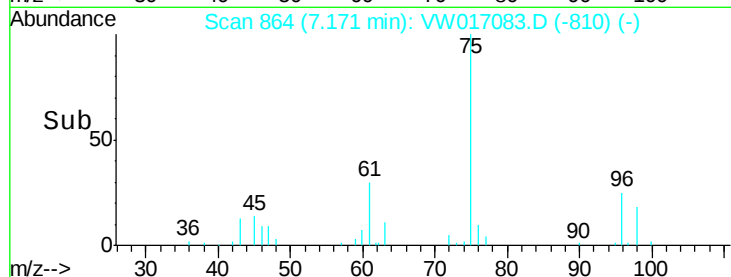
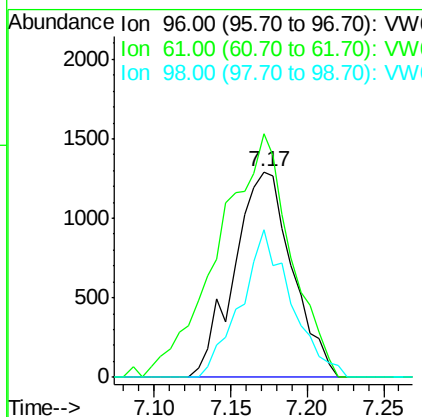
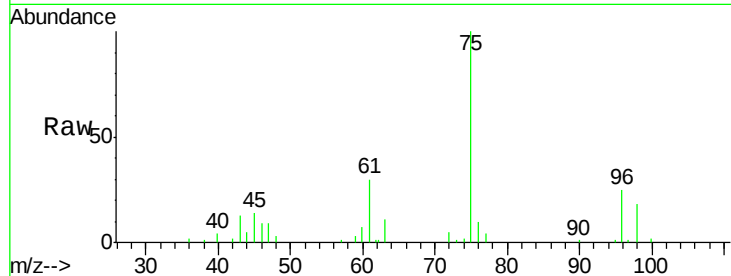
ClientSampleId :

BG483

Tgt Ion:	96	Resp:	3408
Ion	Ratio	Lower	Upper
96	100		
61	118.5	77.4	143.8
98	71.9	45.1	83.7

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#35

Trichloroethene

Concen: 42.483 ug/L

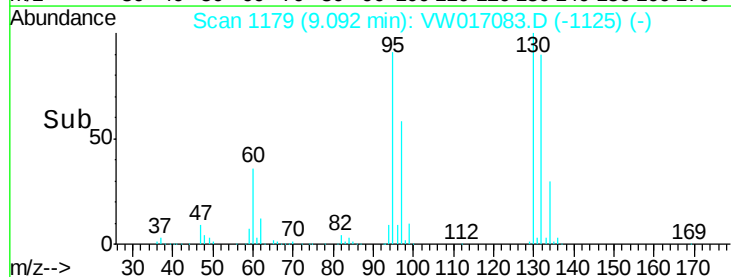
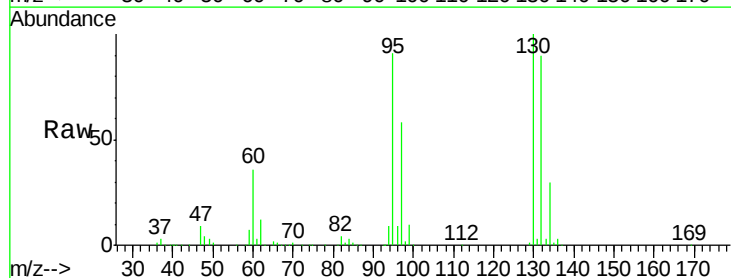
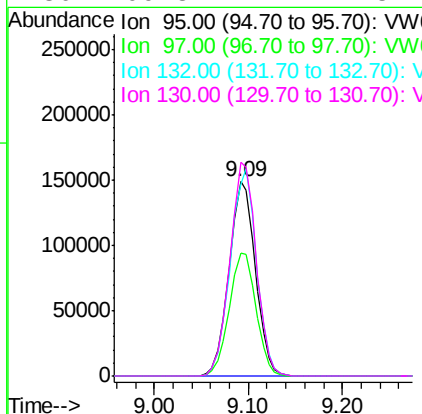
RT: 9.09 min Scan# 1179

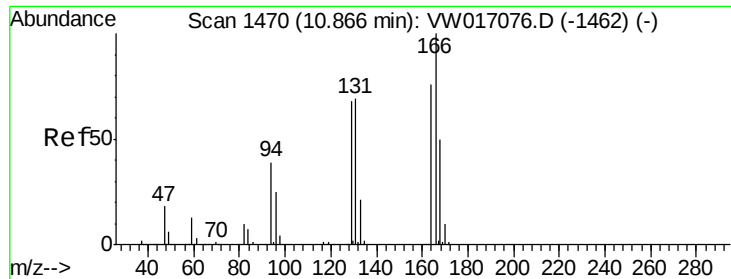
Delta R.T. 0.00 min

Lab File: VW017083.D

Acq: 04 Nov 2020 20:00

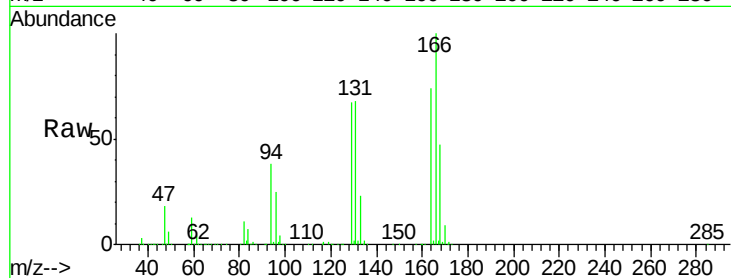
Tgt Ion:	95	Resp:	288963
Ion	Ratio	Lower	Upper
95	100		
97	64.7	45.0	83.6
132	106.2	73.7	136.9
130	109.8	77.1	143.1





#47
Tetrachloroethene
Concen: 288.704 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW017083.D
Acq: 04 Nov 2020 20:00

Instrument :
MSVOA_W
ClientSampleId :
BG483



Tgt Ion	Ratio	Lower	Upper
164	100		
129	90.6	62.9	116.7
131	91.5	63.3	117.5
166	134.5	92.0	170.8

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11/6/2020 9:37:13 AM

