

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100820\
 Data File : VW016836.D
 Acq On : 07 Oct 2020 16:25
 Operator : SY/VA
 Sample : L4284-03
 Misc : 5.54G/10ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3W0

Manual Integrations
 APPROVED

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 10/12/2020 1:55:29 PM

Quant Time: Oct 08 09:25:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 08:32:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	74494	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	68483	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	25963	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	19725	26.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.36%
7) Chloroethane-d5	2.89	69	19019	30.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	123.40%
10) 1,1-Dichloroethene-d2	4.03	63	29597	18.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.88%
20) 2-Butanone-d5	7.09	46	11018	66.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.38%
24) Chloroform-d	7.65	84	45147	28.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	114.88%
26) 1,2-Dichloroethane-d4	8.31	65	25584	33.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	134.80%#
29) Benzene-d6	8.28	84	87284	28.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.24%
33) 1,2-Dichloropropane-d6	9.28	67	25989	31.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.36%#
37) Toluene-d8	10.33	98	76415	26.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.16%
38) trans-1,3-Dichloropropene-	10.58	79	6710	18.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.80%
39) 2-Hexanone-d5	10.93	63	7196	55.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	20716	30.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	122.72%#
61) 1,2-Dichlorobenzene-d4	13.85	152	25456	30.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	123.64%#

Target Compounds

					Ovalue	
13) Acetone	4.15	43	2084m	16.544	ug/L	
14) Carbon disulfide	4.39	76	5500	1.992	ug/L	99
16) Methylene chloride	4.92	84	2322m	2.259	ug/L	
35) Trichloroethene	9.09	95	925	0.889	ug/L	93
47) Tetrachloroethene	10.87	164	29063	30.135	ug/L	92

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

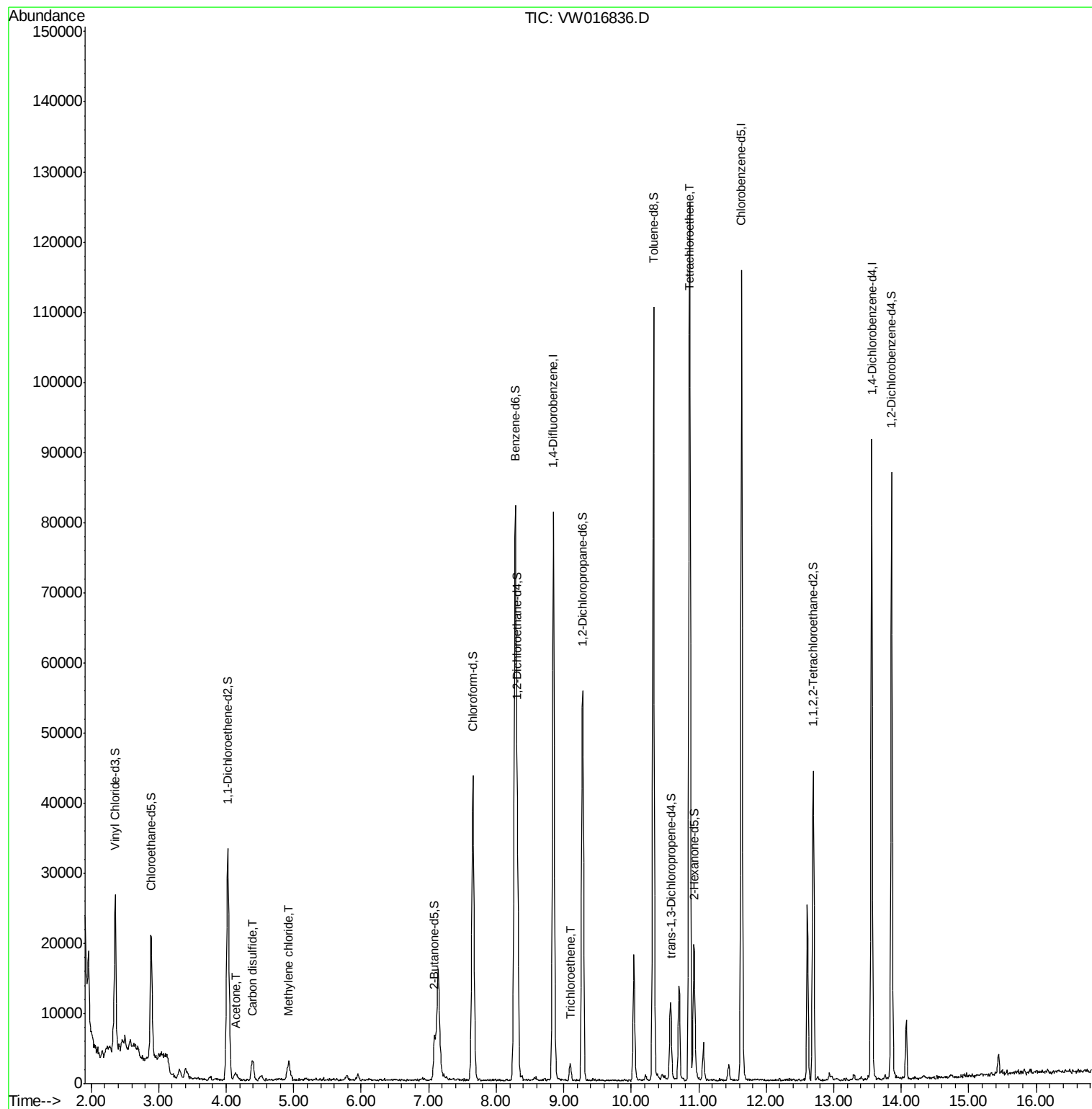
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100820\
Data File : VW016836.D
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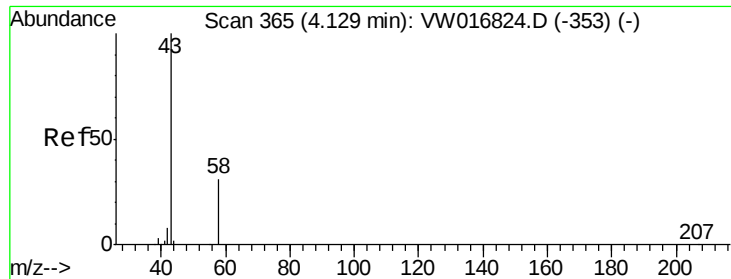
Instrument :
MSVOA_W
ClientSampleId :
BG3W0

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Quant Time: Oct 08 09:25:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 08 08:32:41 2020
Response via : Initial Calibration





#13

Acetone

Concen: 16.544 ug/L m

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW016836.D

Acq: 07 Oct 2020 16:25

Instrument :

MSVOA_W

ClientSampleId :

BG3W0

Tot Ion: 43 Resp: 2084

Ion Ratio Lower Upper

43 100

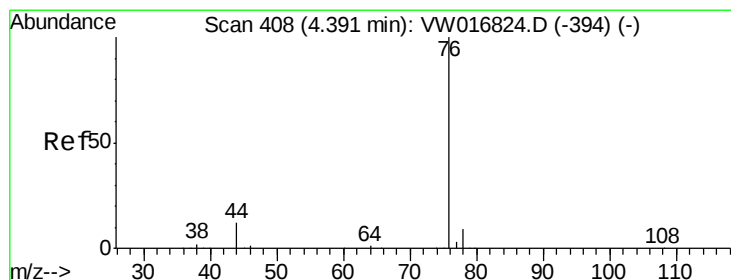
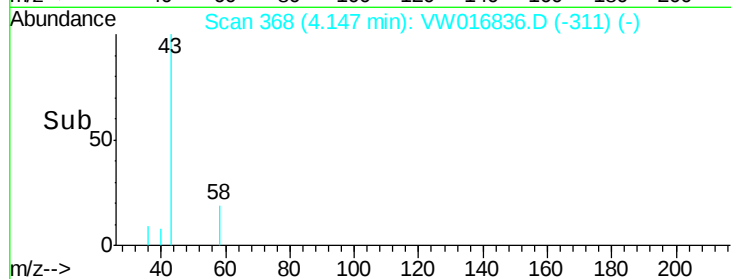
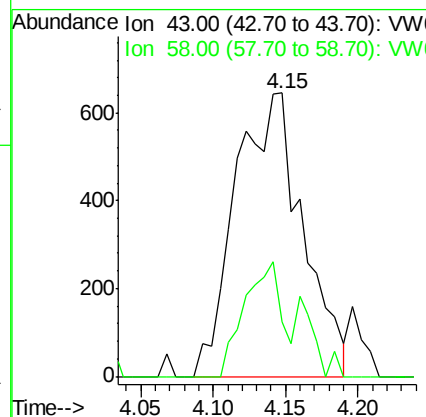
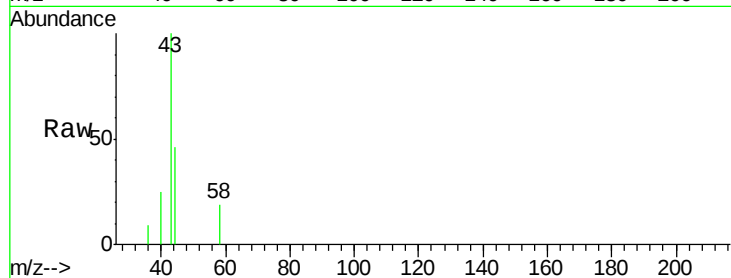
58 22.1 0.0 67.6

Manual Integrations

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#14

Carbon disulfide

Concen: 1.992 ug/L

RT: 4.39 min Scan# 407

Delta R.T. -0.01 min

Lab File: VW016836.D

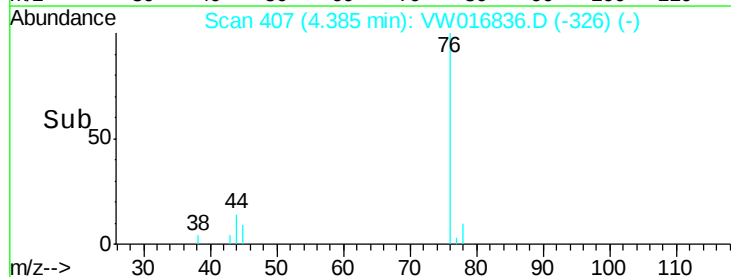
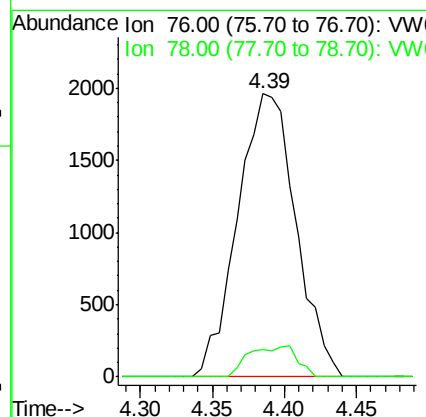
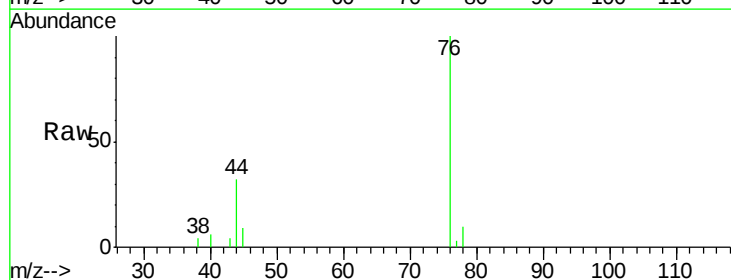
Acq: 07 Oct 2020 16:25

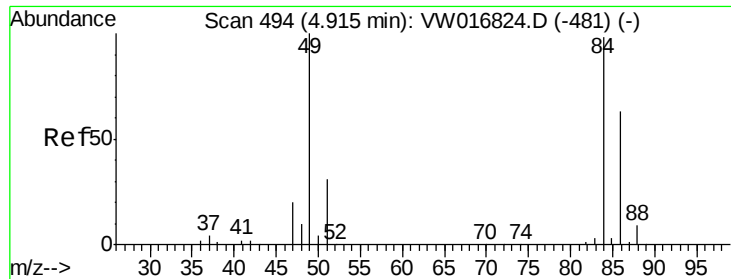
Tgt Ion: 76 Resp: 5500

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.0





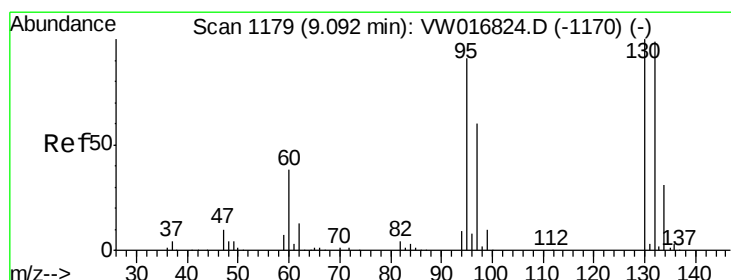
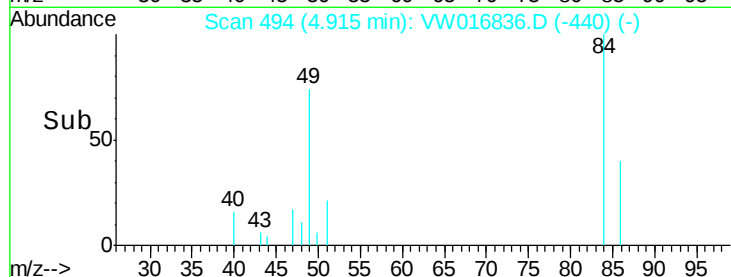
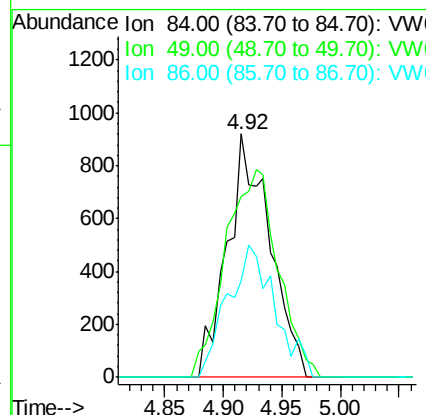
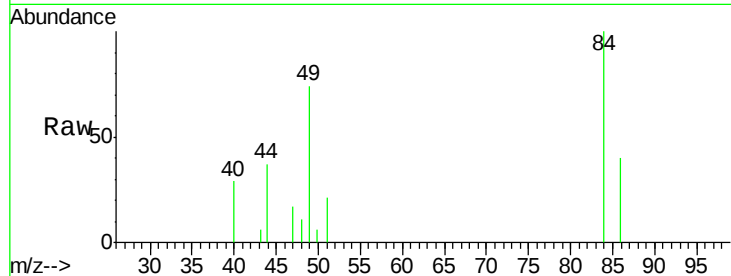
#16
Methvlene chloride
Concen: 2.259 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW016836.D
Acq: 07 Oct 2020 16:25

Instrument :
MSVOA_W
ClientSampleId :
BG3W0

Tot Ion	Ratio	Lower	Upper
84	100		
49	74.5	73.1	135.8
86	39.6	46.0	85.4#

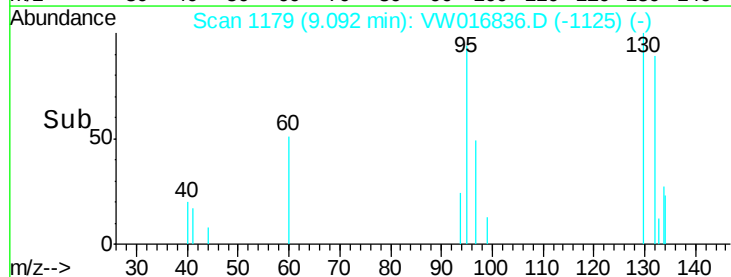
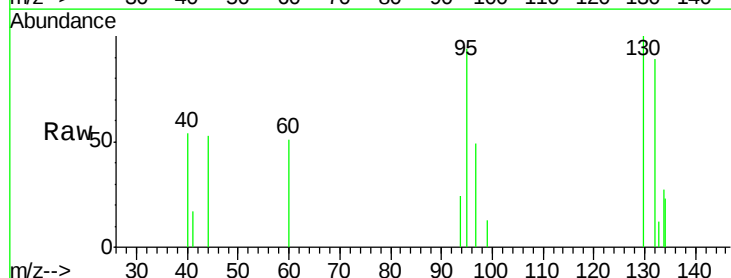
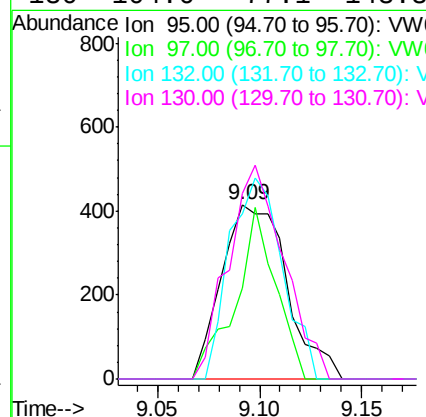
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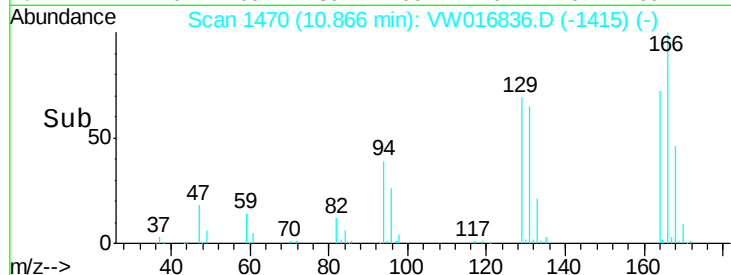
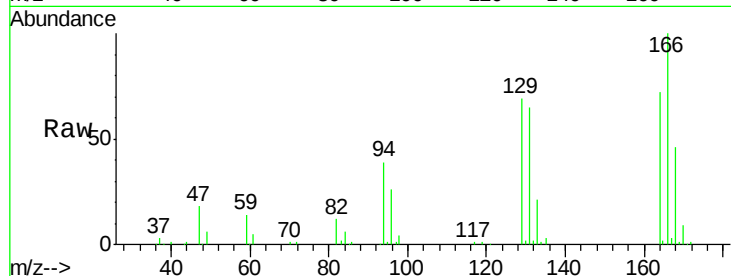
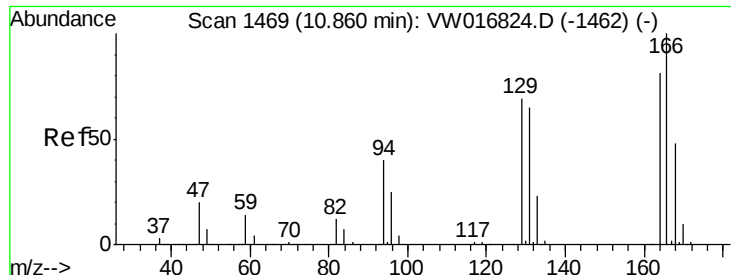
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#35
Trichloroethene
Concen: 0.889 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW016836.D
Acq: 07 Oct 2020 16:25

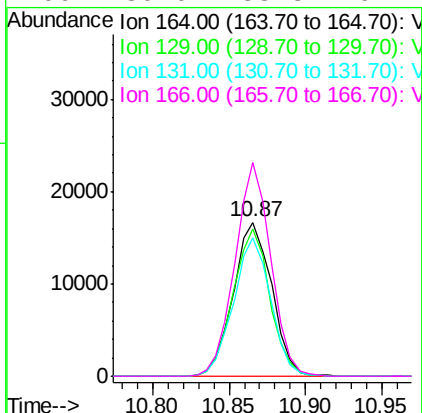
Tgt Ion	Ratio	Lower	Upper
95	100		
97	60.1	44.7	83.1
132	93.7	73.8	137.2
130	104.6	77.1	143.3





#47
Tetrachloroethene
Concen: 30.135 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW016836.D
Acq: 07 Oct 2020 16:25

Tot Ion	Ratio	Resp	Lower	Upper
164	100	29063		
129	95.6		61.7	114.7
131	89.8		59.7	110.9
166	139.0		88.3	164.1



Instrument :
MSVOA_W
ClientSampleId :
BG3W0

Manual Integrations
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