

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103119\
 Data File : VW013873.D
 Acq On : 31 Oct 2019 22:08
 Operator : SY/VA
 Sample : K5596-19
 Misc : 6.23G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQC0

Manual Integrations
 APPROVED

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 11/1/2019 12:05:54 PM

Quant Time: Nov 01 05:37:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM103119S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 01 02:10:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	226613	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	199876	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	82911	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	79227	22.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.84%
7) Chloroethane-d5	2.89	69	64373	23.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.40%
10) 1,1-Dichloroethene-d2	4.02	63	120533	17.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.84%
20) 2-Butanone-d5	7.07	46	76353	62.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.94%
24) Chloroform-d	7.65	84	178843	25.79	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.16%
26) 1,2-Dichloroethane-d4	8.31	65	103791	27.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.08%
29) Benzene-d6	8.27	84	355465	27.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.80%
33) 1,2-Dichloropropane-d6	9.27	67	114217	29.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.72%
37) Toluene-d8	10.32	98	300679	24.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.12%
38) trans-1,3-Dichloropropene-	10.57	79	44171	24.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.52%
39) 2-Hexanone-d5	10.92	63	59088	66.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	110127	31.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.88%#
61) 1,2-Dichlorobenzene-d4	13.85	152	80252	25.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.52%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	4.12	43	22672	19.980	ug/L	98
15) Methyl Acetate	4.67	43	4676m	2.238	ug/L	
34) Benzene	8.32	78	6833	0.493	ug/L	100
44) Toluene	10.38	91	4912	0.328	ug/L	88
47) Tetrachloroethene	10.86	164	1936	0.589	ug/L	85

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

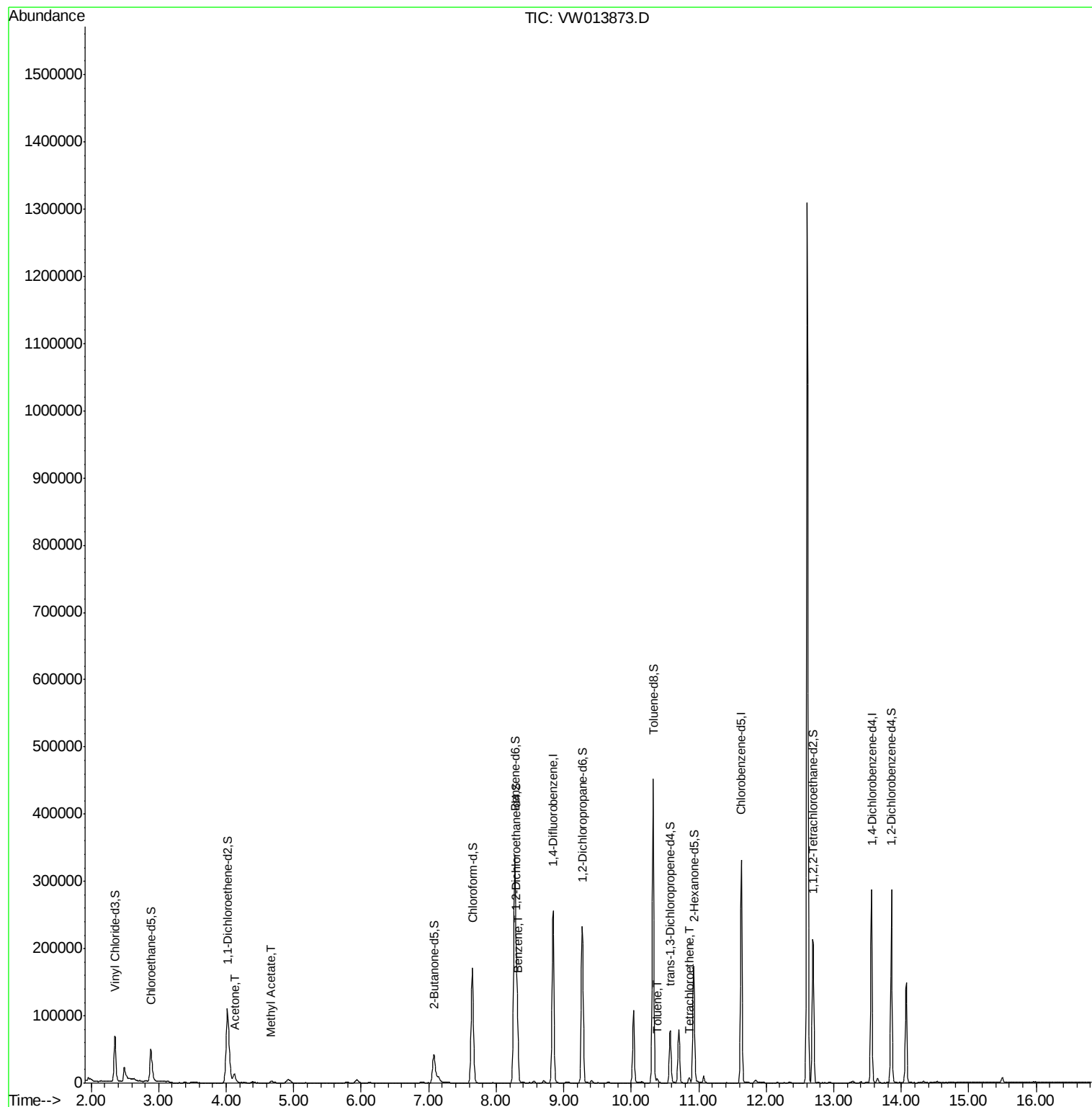
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW103119\
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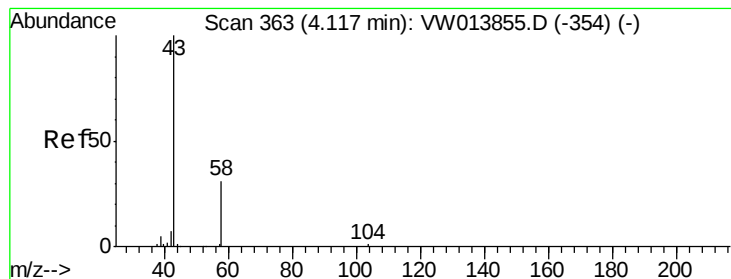
Instrument :
MSVOA_W
ClientSampleId :
GAQC0

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Quant Time: Nov 01 05:37:26 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM103119S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 01 02:10:29 2019
Response via : Initial Calibration





#13

Acetone

Concen: 19.980 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW013873.D

Acq: 31 Oct 2019 22:08

Instrument :

MSVOA_W

ClientSampleId :

GAQC0

Tgt Ion: 43 Resp: 22672

Ion Ratio Lower Upper

43 100

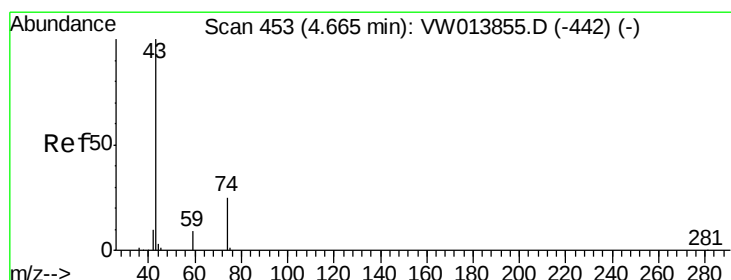
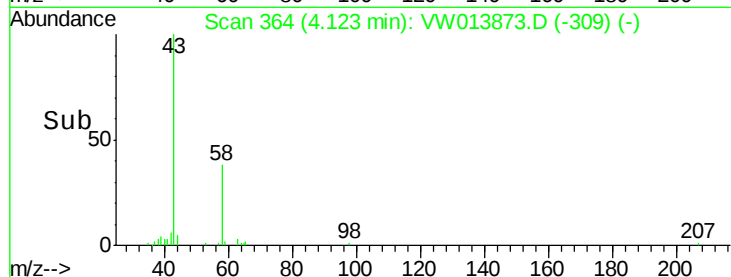
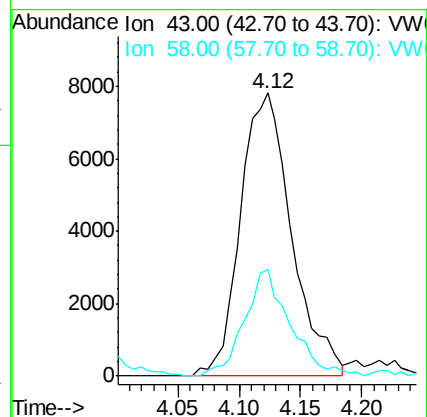
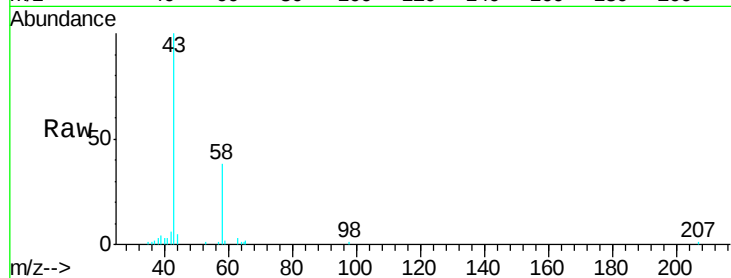
58 32.7 0.0 63.4

Manual Integrations

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#15

Methyl Acetate

Concen: 2.238 ug/L m

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW013873.D

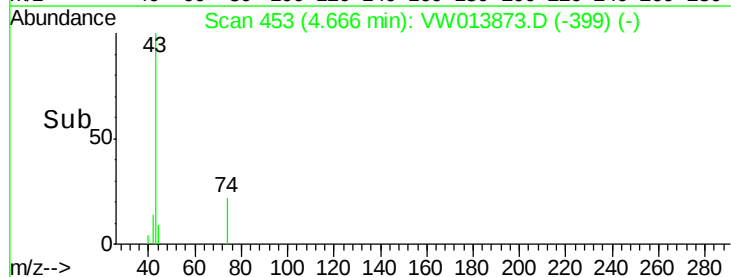
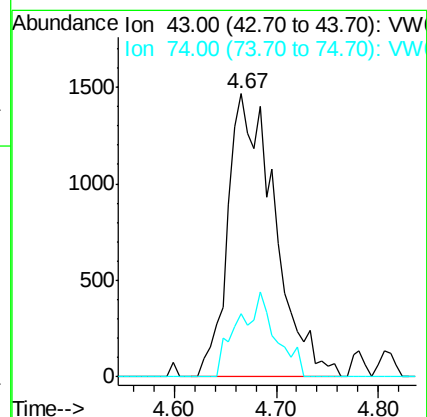
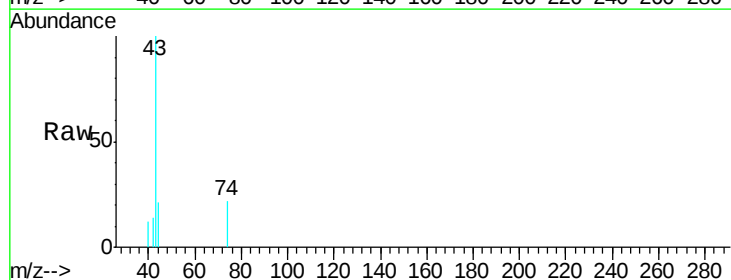
Acq: 31 Oct 2019 22:08

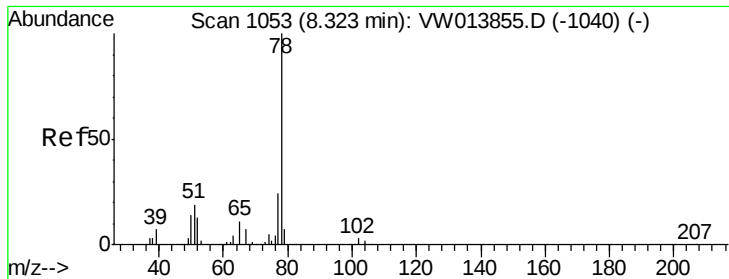
Tgt Ion: 43 Resp: 4676

Ion Ratio Lower Upper

43 100

74 9.6 19.2 28.8#





#34

Benzene

Concen: 0.493 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW013873.D

Acq: 31 Oct 2019 22:08

Instrument :

MSVOA_W

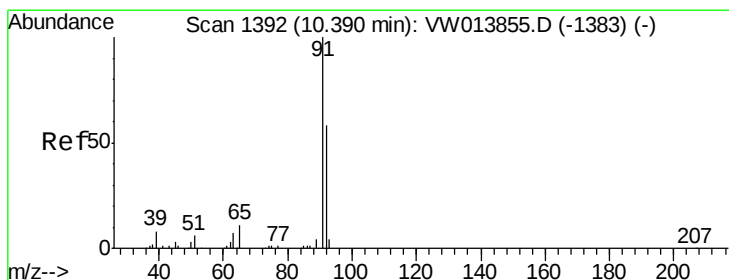
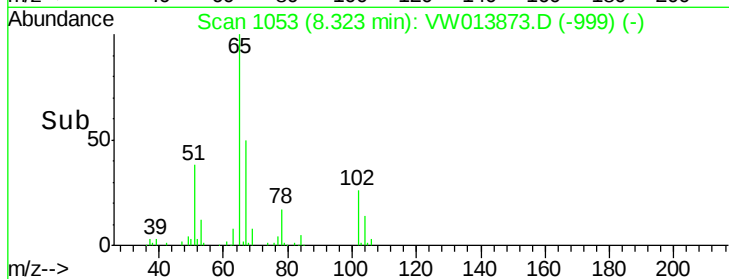
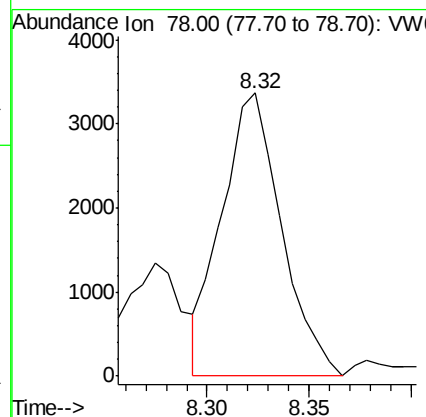
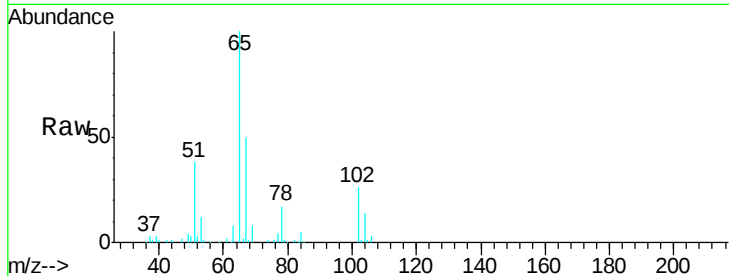
ClientSampleId :

GAQC0

Tgt Ion: 78 Resp: 6833

Manual Integrations
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#44

Toluene

Concen: 0.328 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW013873.D

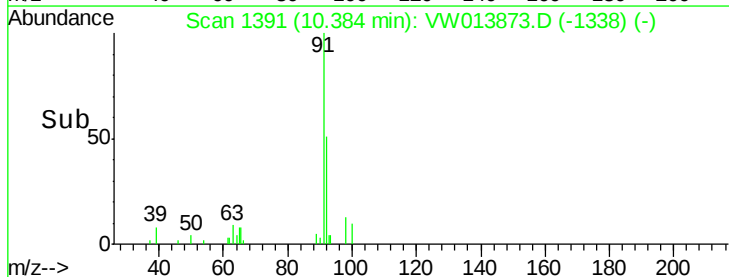
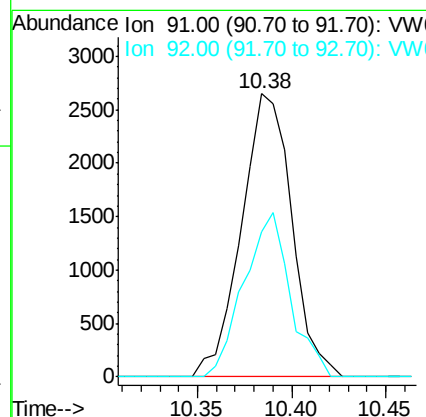
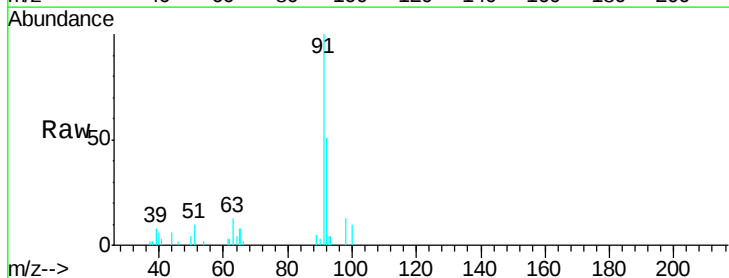
Acq: 31 Oct 2019 22:08

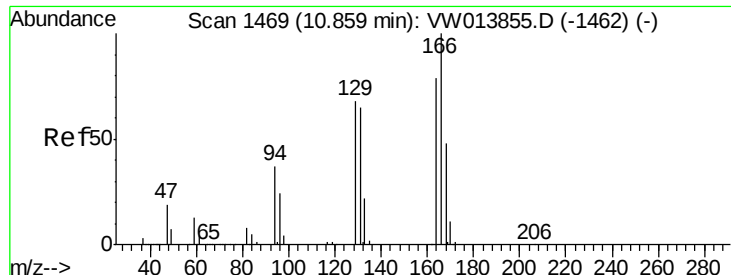
Tgt Ion: 91 Resp: 4912

Ion Ratio Lower Upper

91 100

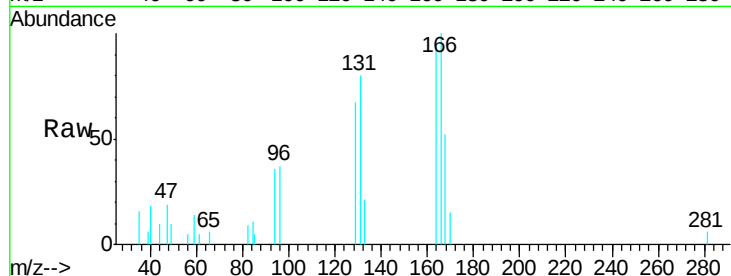
92 51.2 42.0 78.0





#47
Tetrachloroethene
Concen: 0.589 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW013873.D
Acq: 31 Oct 2019 22:08

Instrument :
MSVOA_W
ClientSampleId :
GAQC0



Tgt Ion:	164	Resp:	1936
Ion Ratio	Lower	Upper	
164	100		
129	70.8	62.5	116.1
131	85.0	59.8	111.0
166	105.7	91.6	170.0

Manual Integrations
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