

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082720\
 Data File : VW016386.D
 Acq On : 27 Aug 2020 12:44
 Operator : SY/VA
 Sample : L3800-07
 Misc : 6.55G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3J0

Manual Integrations
 APPROVED

MMDadoda
 8/28/2020 3:18:25 PM

Quant Time: Aug 28 08:42:44 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	317803	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	297849	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	143301	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	50673	14.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.72%
7) Chloroethane-d5	2.89	69	45643	17.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.88%
10) 1,1-Dichloroethene-d2	4.02	63	106268	13.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.72%
20) 2-Butanone-d5	7.09	46	29850	30.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.86%
24) Chloroform-d	7.65	84	167995	20.28	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.12%
26) 1,2-Dichloroethane-d4	8.31	65	81466	19.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.32%
29) Benzene-d6	8.27	84	320090	19.25	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.00%
33) 1,2-Dichloropropane-d6	9.27	67	90563	19.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.72%
37) Toluene-d8	10.33	98	297850	18.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.96%
38) trans-1,3-Dichloropropene-	10.58	79	38403	17.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.16%
39) 2-Hexanone-d5	10.93	63	27789	37.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	69042	18.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	106253	19.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.36%

Target Compounds

					Ovalue
5) Vinyl chloride	2.36	62	16654	4.485	ug/L 90
16) Methylene chloride	4.91	84	18170m	3.093	ug/L
18) trans-1,2-Dichloroethene	5.43	96	2279	0.514	ug/L 83
22) cis-1,2-Dichloroethene	7.17	96	499144	107.090	ug/L 99
35) Trichloroethene	9.09	95	53292	11.017	ug/L 99
47) Tetrachloroethene	10.87	164	753876	197.634	ug/L 98

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

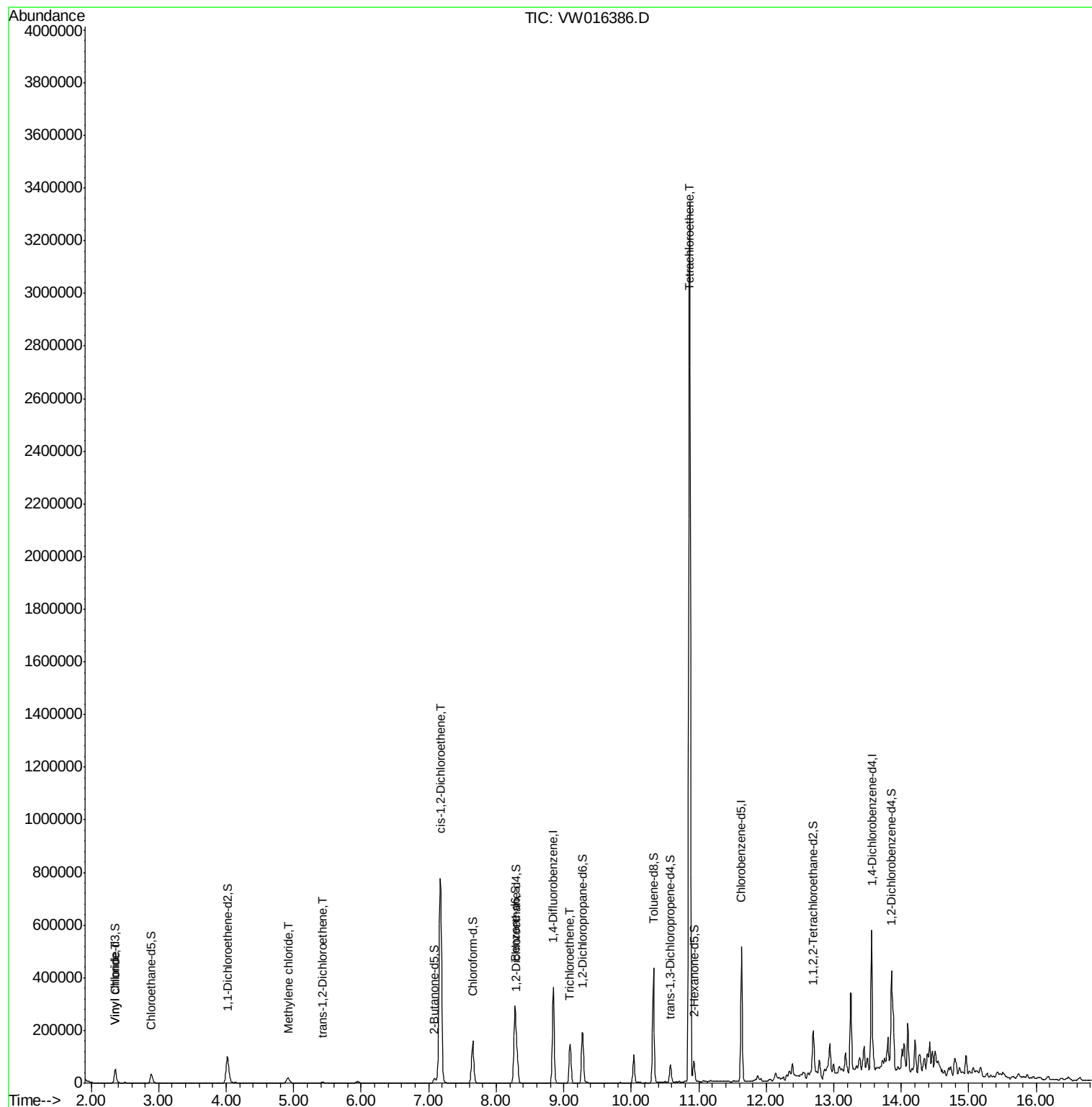
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082720\
Data File : VW016386.D
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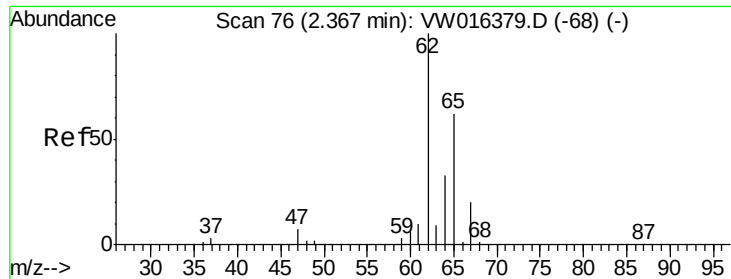
Instrument :
MSVOA_W
ClientSampleId :
BG3J0

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Quant Time: Aug 28 08:42:44 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: 4.485 ug/L

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW016386.D

Acq: 27 Aug 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

BG3J0

Tot Ion: 62 Resp: 16654

Ion Ratio Lower Upper

62 100

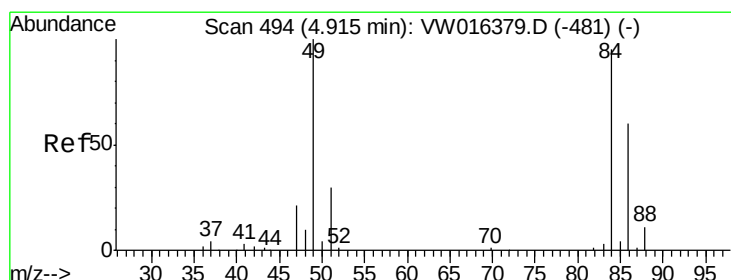
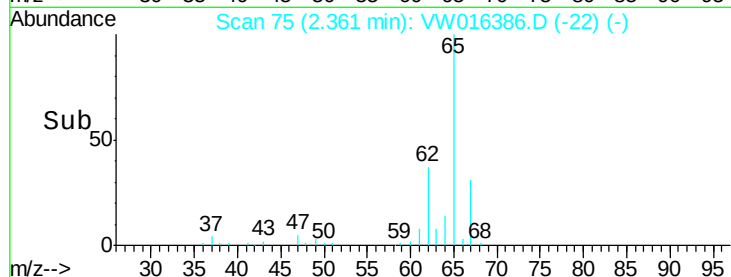
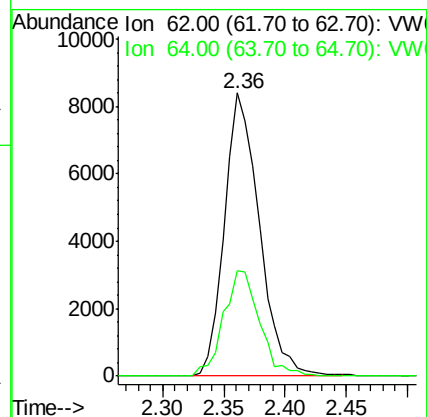
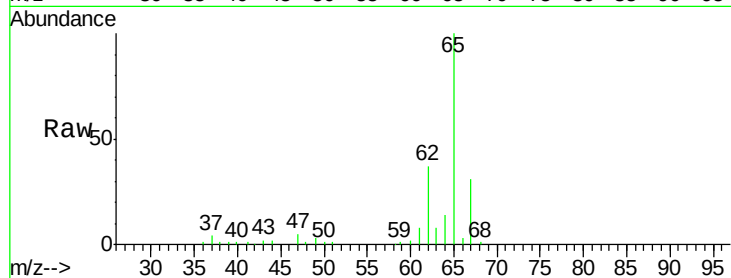
64 37.2 22.0 41.0

Manual Integrations

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#16

Methylene chloride

Concen: 3.093 ug/L m

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW016386.D

Acq: 27 Aug 2020 12:44

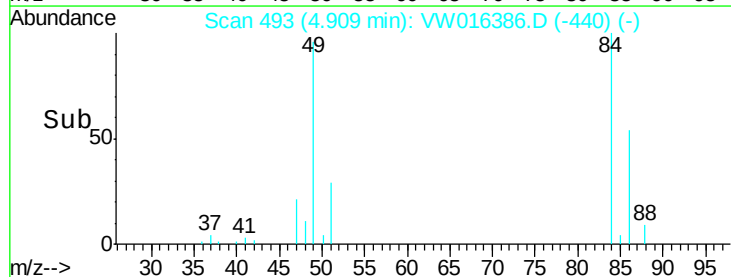
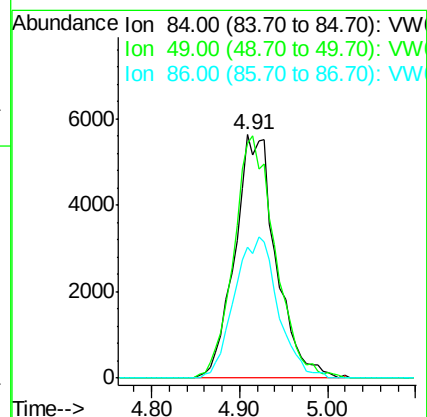
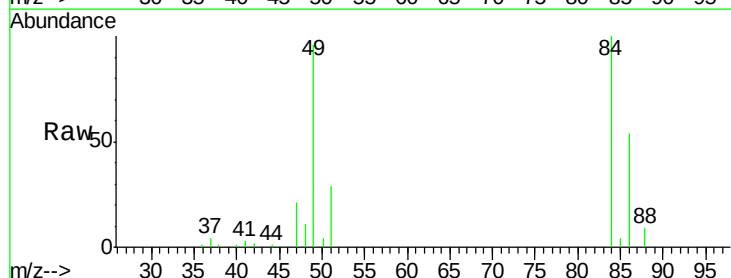
Tgt Ion: 84 Resp: 18170

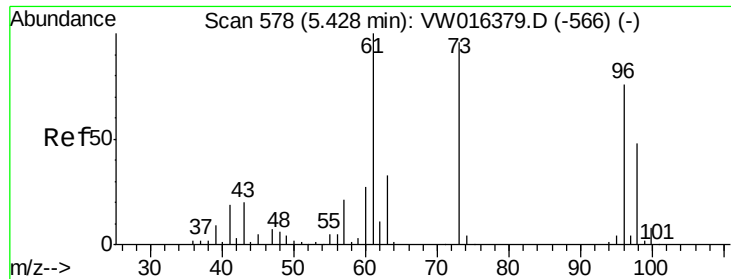
Ion Ratio Lower Upper

84 100

49 96.4 75.3 139.9

86 53.8 43.3 80.3





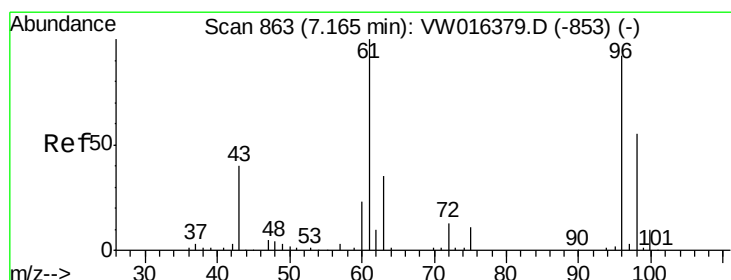
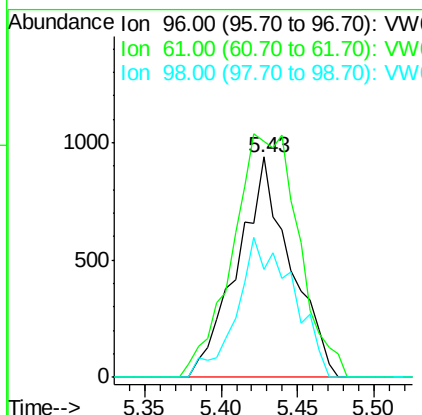
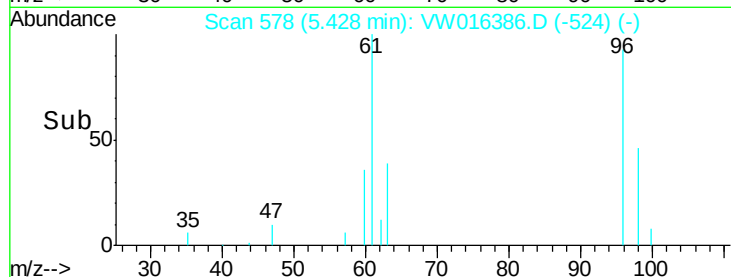
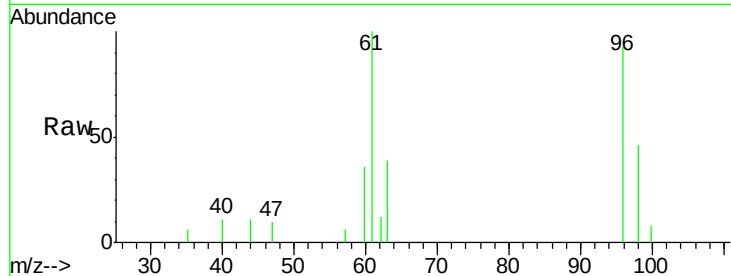
#18
trans-1,2-Dichloroethene
Concen: 0.514 ug/L
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW016386.D
Acq: 27 Aug 2020 12:44

Instrument :
MSVOA_W
ClientSampled :
BG3J0

Tot Ion	Ratio	Lower	Upper
96	100		
61	107.4	89.9	167.0
98	48.9	41.6	77.2

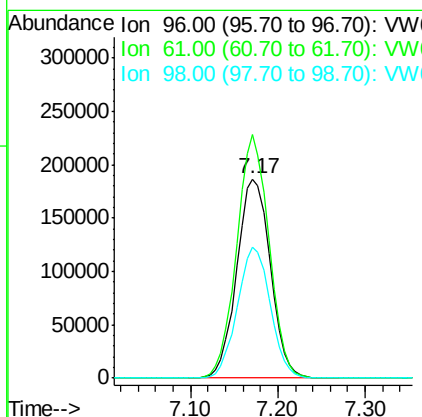
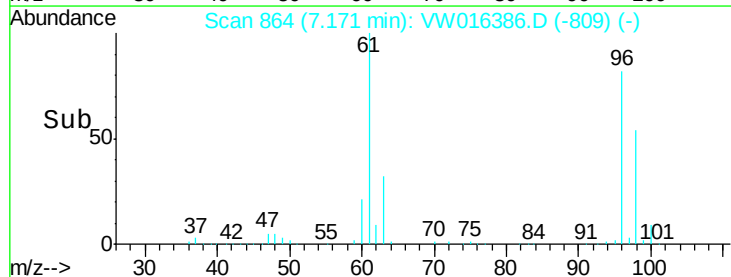
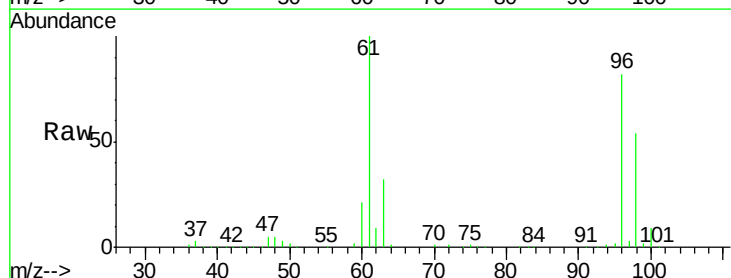
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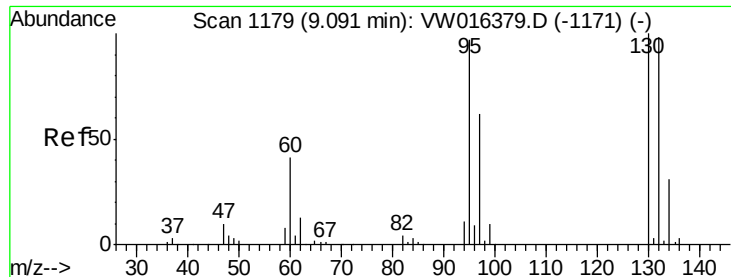
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#22
cis-1,2-Dichloroethene
Concen: 107.090 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW016386.D
Acq: 27 Aug 2020 12:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	122.2	84.9	157.7
98	66.0	46.8	86.8





#35

Trichloroethene

Concen: 11.017 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW016386.D

Acq: 27 Aug 2020 12:44

Instrument :

MSVOA_W

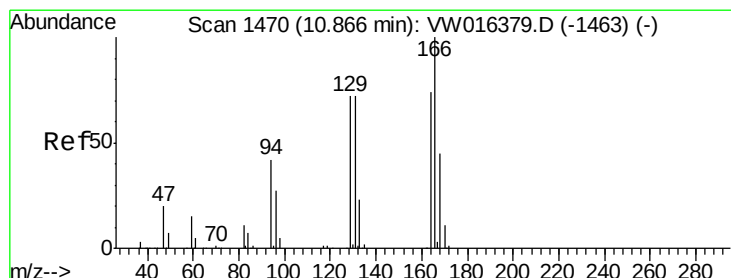
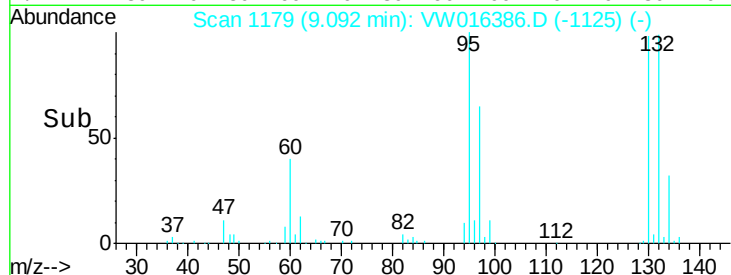
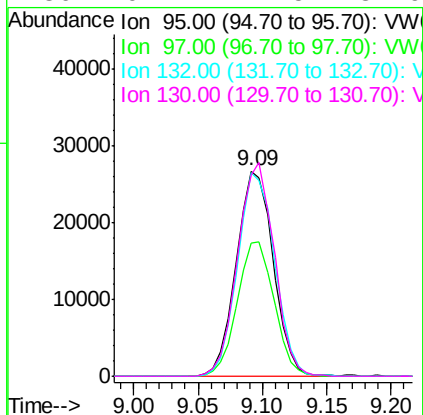
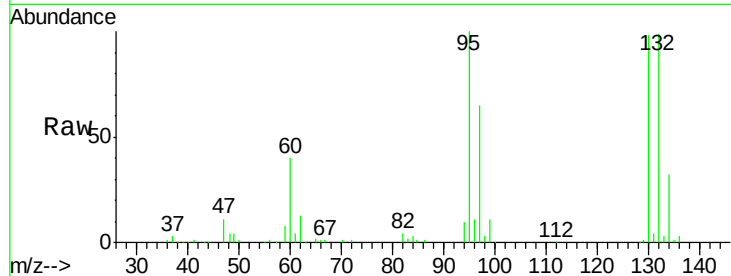
ClientSampleId :

BG3J0

Tot Ion	95	Resp	53292
Ion	Ratio	Lower	Upper
95	100		
97	65.1	44.9	83.5
132	99.4	68.2	126.6
130	102.2	71.5	132.9

Manual Integrations
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#47

Tetrachloroethene

Concen: 197.634 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW016386.D

Acq: 27 Aug 2020 12:44

Tgt Ion	164	Resp	753876
Ion	Ratio	Lower	Upper
164	100		
129	105.4	71.5	132.7
131	100.7	67.4	125.2
166	132.1	92.5	171.9

