

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081820\
 Data File : VW016237.D
 Acq On : 18 Aug 2020 13:27
 Operator : SY/VA
 Sample : L3709-10
 Misc : 5.52G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSR3

Manual Integrations
 APPROVED

MMDadoda
 8/19/2020 5:24:20 PM

Quant Time: Aug 19 06:39:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 19 05:49:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	96784	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	80291	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	19472	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	27268	22.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.88%
7) Chloroethane-d5	2.89	69	23427	25.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.88%
10) 1,1-Dichloroethene-d2	4.01	63	41677	16.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.40%
20) 2-Butanone-d5	7.09	46	14890	47.16	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.32%
24) Chloroform-d	7.65	84	62281	23.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.92%
26) 1,2-Dichloroethane-d4	8.31	65	33222	24.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.32%
29) Benzene-d6	8.28	84	115267	26.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.56%
33) 1,2-Dichloropropane-d6	9.28	67	36188	28.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.68%
37) Toluene-d8	10.33	98	87491	21.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.36%
38) trans-1,3-Dichloropropene-	10.58	79	13050	22.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.44%
39) 2-Hexanone-d5	10.93	63	12201	55.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	29907	28.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	21129	30.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	122.44%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.91	84	6359m	4.161	ug/L	
22) cis-1,2-Dichloroethene	7.18	96	6233	4.522	ug/L	87
35) Trichloroethene	9.09	95	36597	29.395	ug/L	96
47) Tetrachloroethene	10.87	164	6964541	7461.965	ug/L	93

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

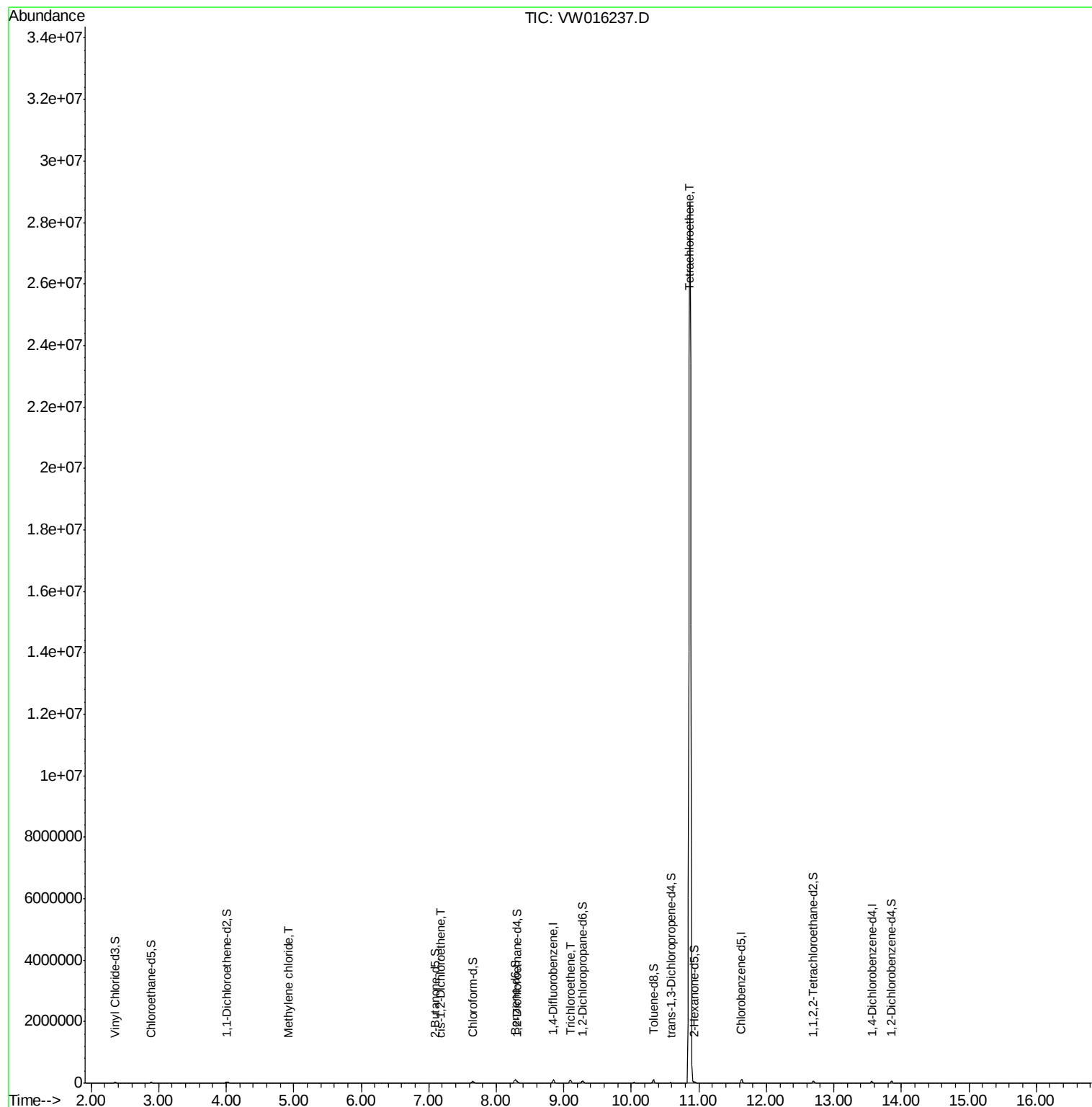
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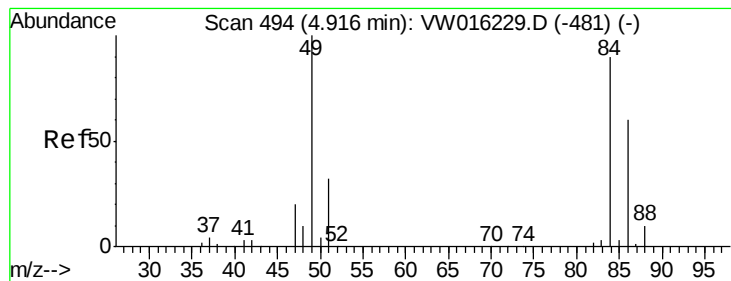
Instrument :
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QLast Update : Wed Aug 19 05:49:31 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 4.161 ug/L m

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW016237.D

Acq: 18 Aug 2020 13:27

Instrument :

MSVOA_W

ClientSampled :

BFSR3

Tot Ion: 84 Resp: 6359

Ion Ratio Lower Upper

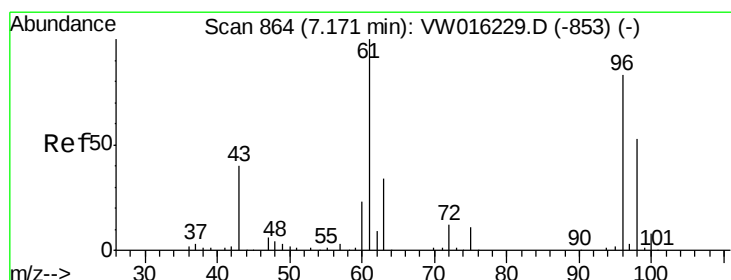
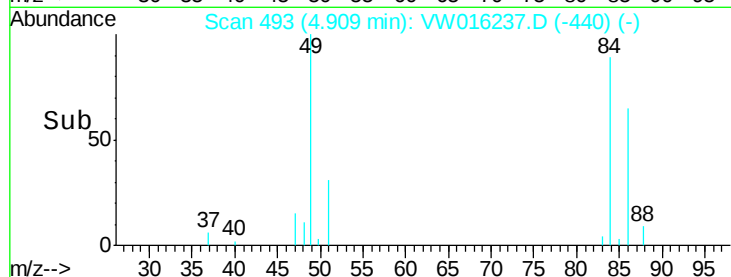
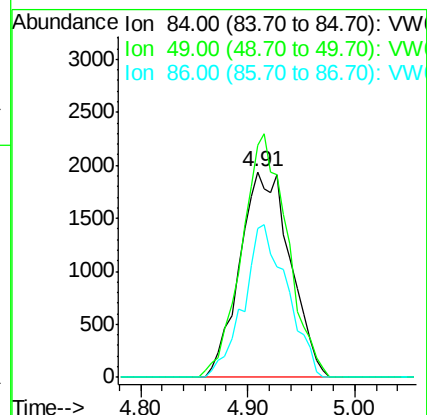
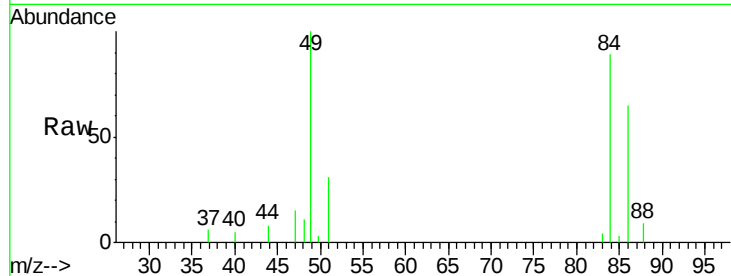
84 100

49 112.7 80.4 149.4

86 72.8 43.8 81.3

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 4.522 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW016237.D

Acq: 18 Aug 2020 13:27

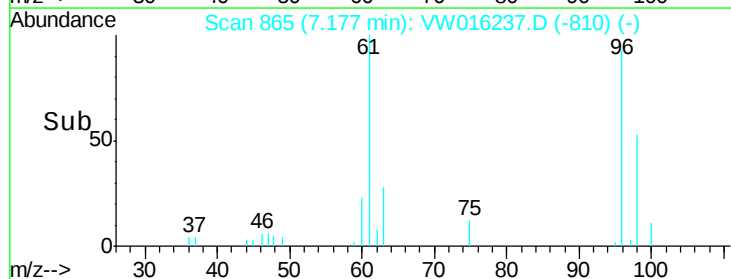
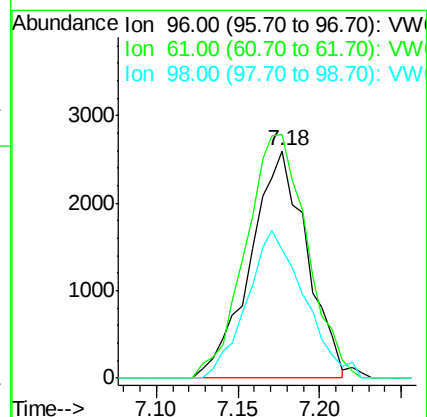
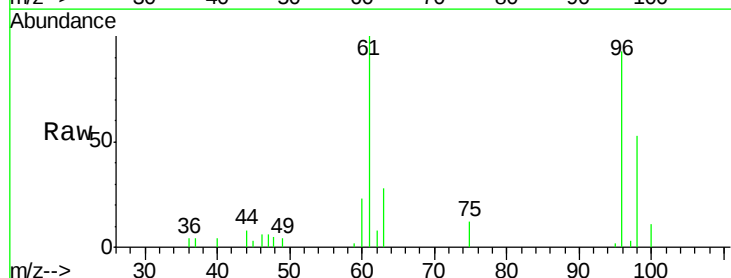
Tgt Ion: 96 Resp: 6233

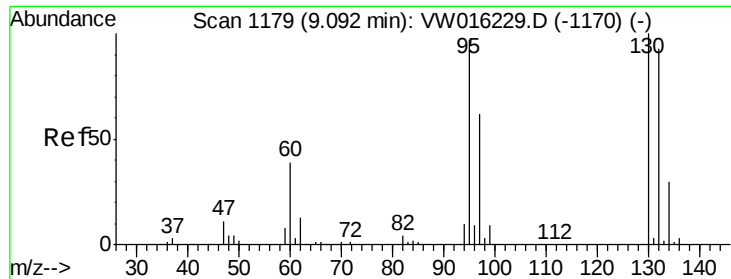
Ion Ratio Lower Upper

96 100

61 107.0 87.0 161.6

98 56.7 44.0 81.6





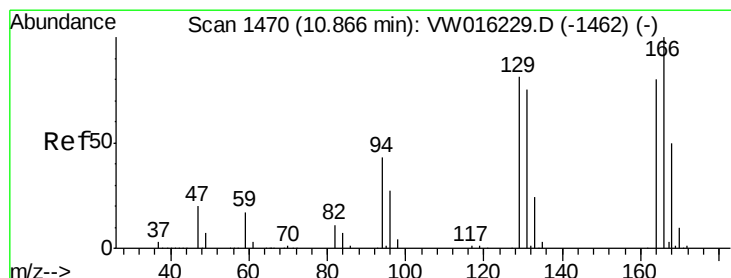
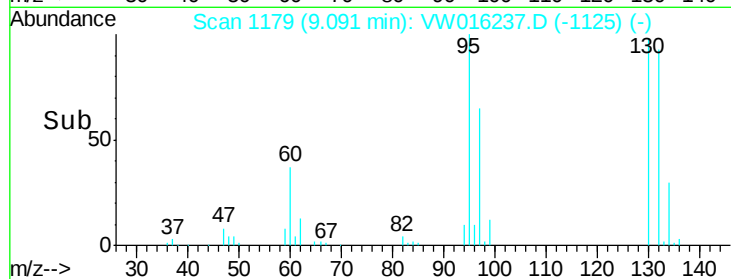
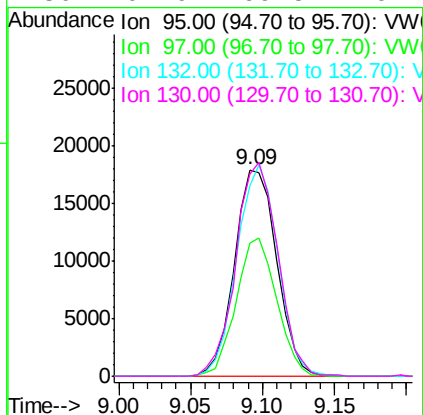
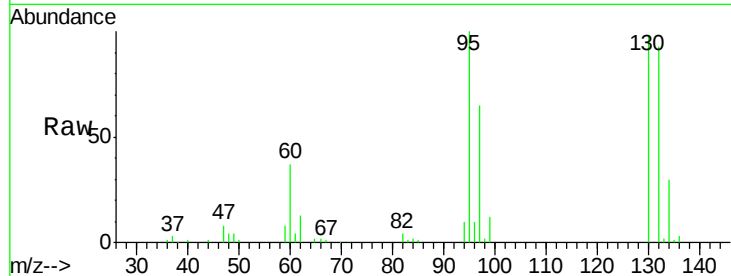
#35
 Trichloroethene
 Concen: 29.395 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VW016237.D
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Tot Ion	95	Resp	36597
Ion	Ratio	Lower	Upper
95	100		
97	64.1	44.9	83.3
132	99.7	65.8	122.2
130	102.9	69.5	129.1

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#47
 Tetrachloroethene
 Concen: 7461.965 ug/L
 RT: 10.87 min Scan# 1471
 Delta R.T. 0.01 min
 Lab File: VW016237.D
 Acq: 18 Aug 2020 13:27

Tgt Ion	164	Resp	6964541
Ion	Ratio	Lower	Upper
164	100		
129	107.3	71.5	132.9
131	102.3	65.4	121.4
166	115.0	86.9	161.5

