

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061820\
 Data File : VV016979.D
 Acq On : 18 Jun 2020 15:09
 Operator : SY/MD
 Sample : L3039-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9M15

Manual Integrations
 APPROVED

MMDadoda
 6/19/2020 3:02:45 PM

Quant Time: Jun 19 06:33:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 19 04:33:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	353617	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	331851	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	156673	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	85473	34.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	68.52%		
7) Chloroethane-d5	1.58	69	64180	42.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.74%		
11) 1,1-Dichloroethene-d2	2.12	63	135792m	32.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.82%		
21) 2-Butanone-d5	3.91	46	165976	89.87	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.87%		
24) Chloroform-d	4.38	84	219754	43.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.62%		
26) 1,2-Dichloroethane-d4	5.06	65	161383	46.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.52%		
32) Benzene-d6	5.08	84	425821	44.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.02%		
36) 1,2-Dichloropropane-d6	6.09	67	131260	44.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.04%		
41) Toluene-d8	7.34	98	395013	45.00	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.00%		
43) trans-1,3-Dichloropropene-	7.64	79	66090	42.56	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.12%		
47) 2-Hexanone-d5	8.11	63	99077	76.21	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	76.21%		
57) 1,1,2,2-Tetrachloroethane-	10.24	84	167429	42.41	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.82%		
64) 1,2-Dichlorobenzene-d4	11.65	152	162875	48.71	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.42%		
Target Compounds						
20) cis-1,2-Dichloroethene	3.94	96	35191	13.489	ug/L	96
25) Chloroform	4.40	83	6662m	1.439	ug/L	
34) Trichloroethene	5.94	95	19472	7.395	ug/L	95
46) Tetrachloroethene	8.00	164	207936	100.402	ug/L	99

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

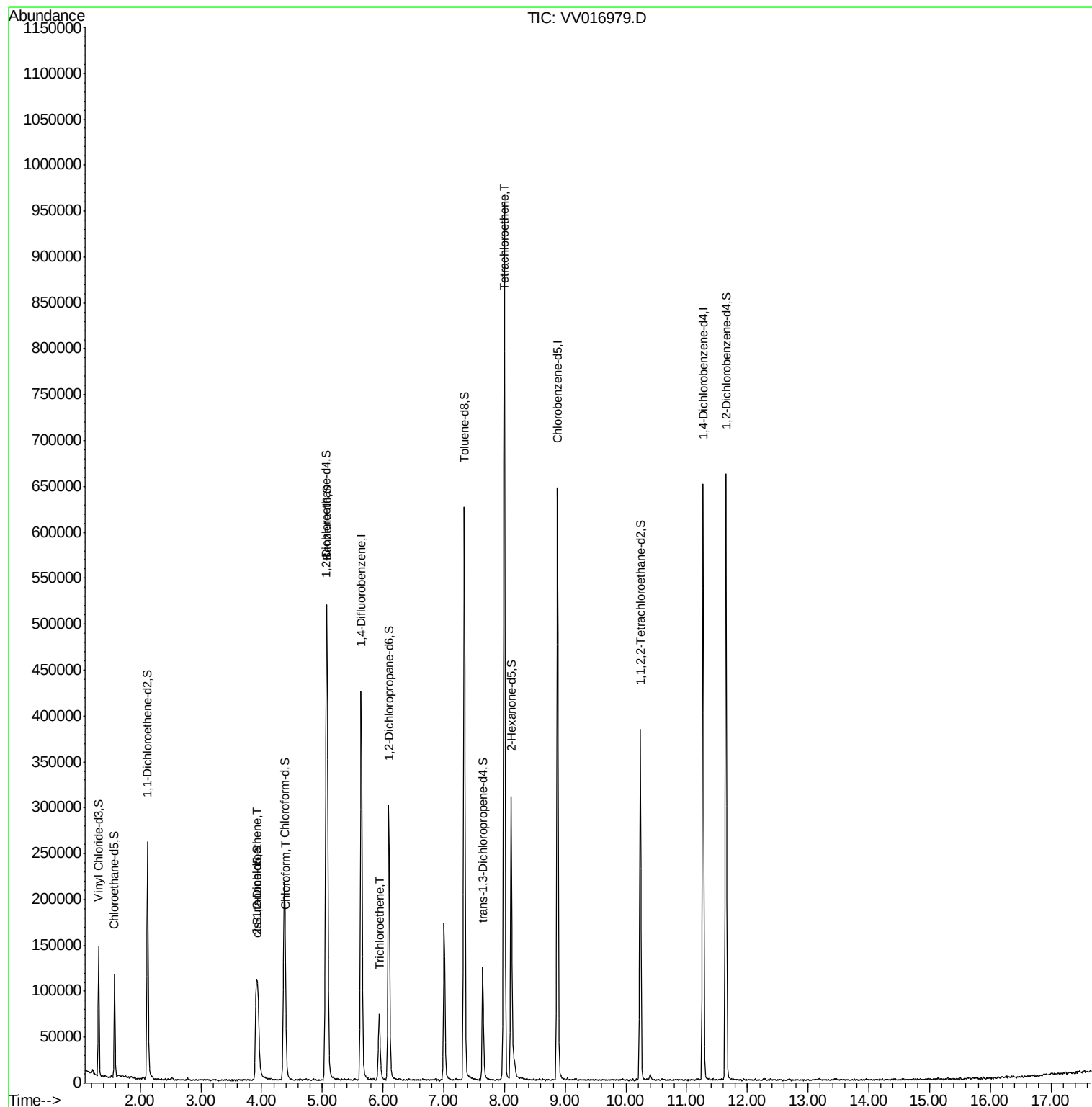
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV061820\
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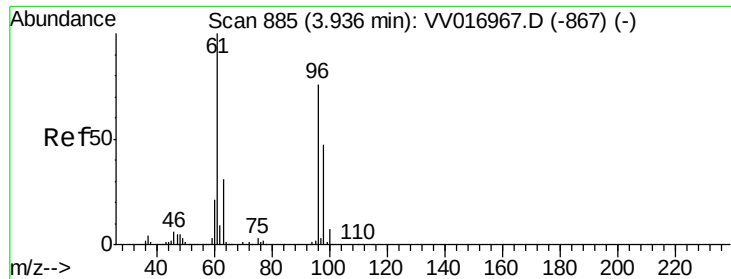
Instrument :
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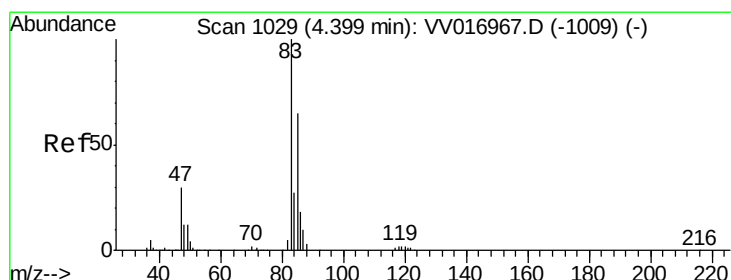
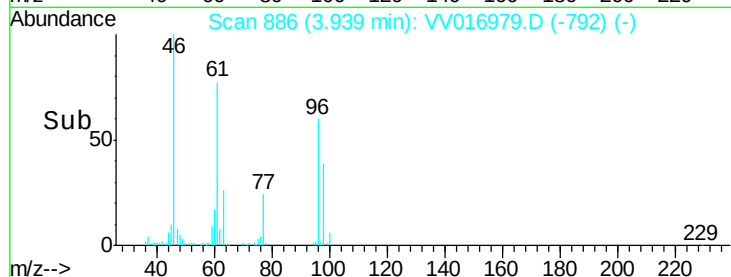
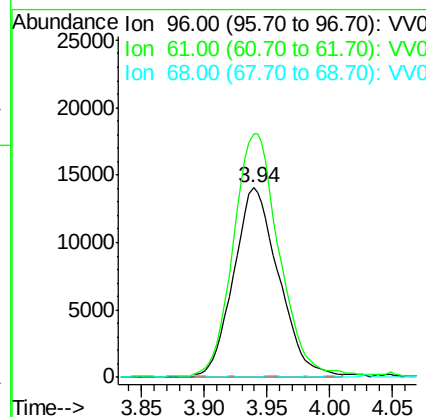
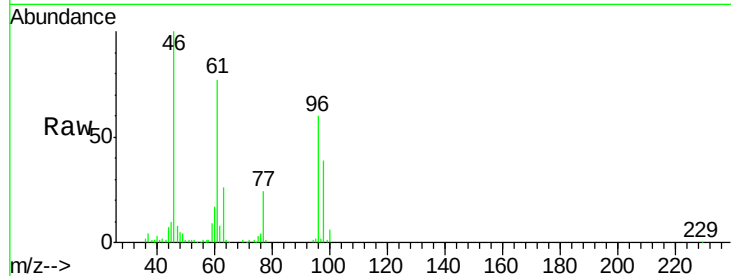
#20
 cis-1,2-Dichloroethene
 Concen: 13.489 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV016979.D
 Acq: 18 Jun 2020 15:09

Instrument :
 MSVOA_V
 ClientSampleId :
 F9M15

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.4	93.4	173.4
68	0.0	0.0	0.0

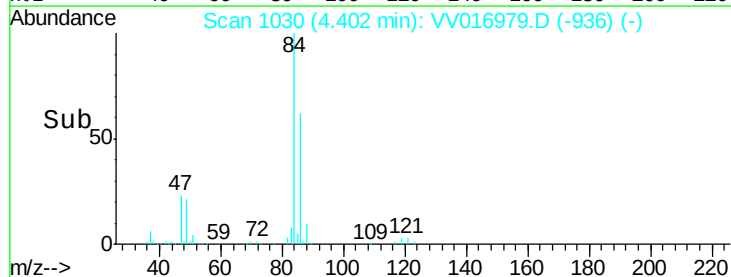
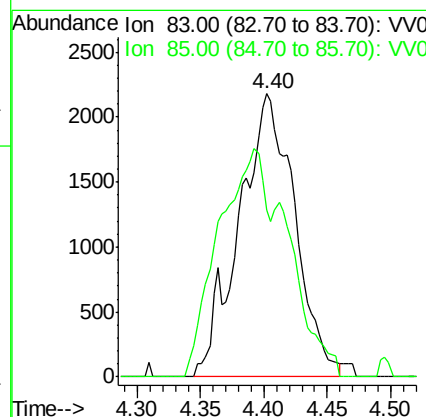
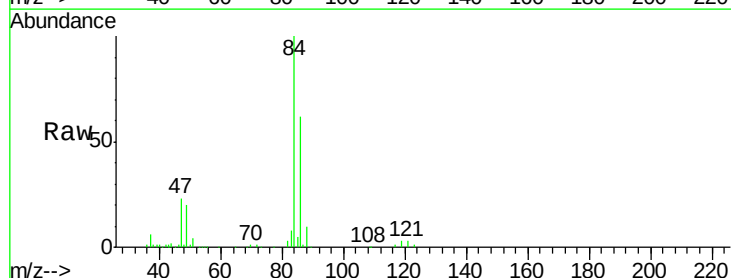
Manual Integrations
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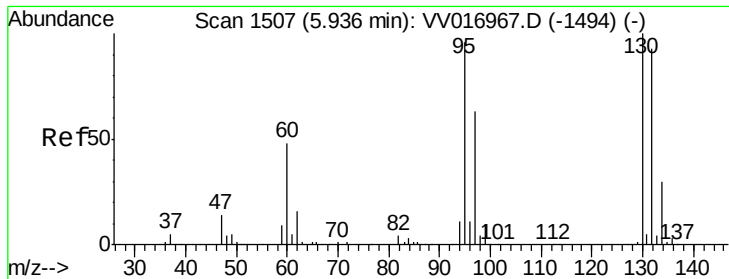
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#25
 Chloroform
 Concen: 1.439 ug/L m
 RT: 4.40 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VV016979.D
 Acq: 18 Jun 2020 15:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	59.0	44.1	81.9





#34

Trichloroethene

Concen: 7.395 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV016979.D

Acq: 18 Jun 2020 15:09

Instrument :

MSVOA_V

ClientSampleId :

F9M15

Tot Ion: 95 Resp: 19472

Ion Ratio Lower Upper

95 100

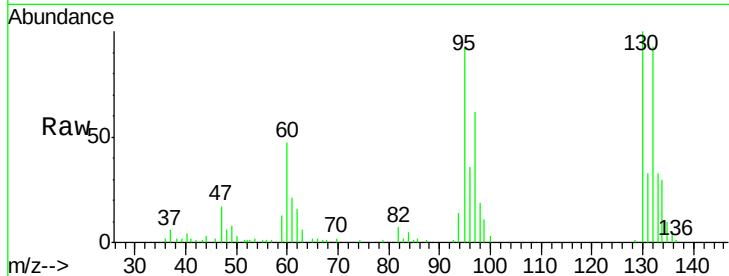
97 67.3 44.3 82.3

132 100.8 67.9 126.1

130 108.4 72.2 134.2

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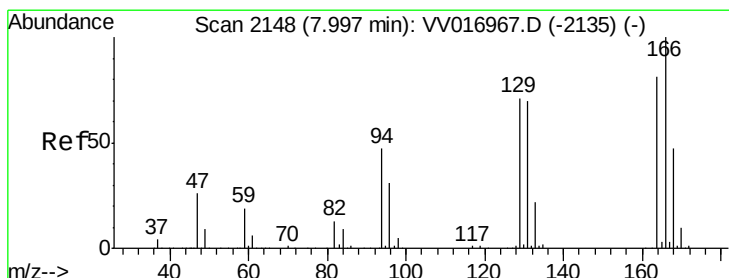
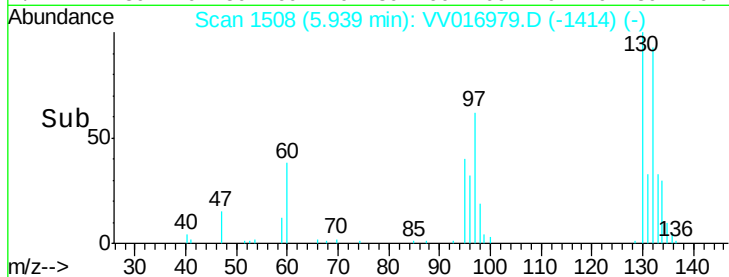
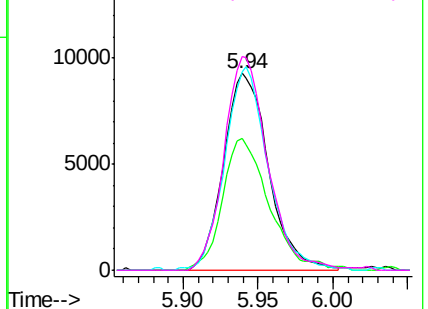
Abundance

Ion 95.00 (94.70 to 95.70): VV016979.D (-1494) (-)

Ion 97.00 (96.70 to 97.70): VV016979.D (-1494) (-)

Ion 132.00 (131.70 to 132.70): VV016979.D (-1494) (-)

Ion 130.00 (129.70 to 130.70): VV016979.D (-1494) (-)



#46

Tetrachloroethene

Concen: 100.402 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016979.D

Acq: 18 Jun 2020 15:09

Tgt Ion: 164 Resp: 207936

Ion Ratio Lower Upper

164 100

129 94.4 67.0 124.4

131 91.8 64.8 120.3

166 129.2 90.4 167.8

Abundance

Ion 164.00 (163.70 to 164.70): VV016979.D (-2055) (-)

Ion 129.00 (128.70 to 129.70): VV016979.D (-2055) (-)

Ion 131.00 (130.70 to 131.70): VV016979.D (-2055) (-)

Ion 166.00 (165.70 to 166.70): VV016979.D (-2055) (-)

