

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061820\
 Data File : VV016981.D
 Acq On : 18 Jun 2020 15:56
 Operator : SY/MD
 Sample : L3039-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9M18

Manual Integrations
 APPROVED

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 6/19/2020 3:02:54 PM

Quant Time: Jun 19 06:49:43 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	266528	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	250487	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	116047	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	65288	34.72	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	69.44%		
7) Chloroethane-d5	1.58	69	47387	41.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.98%		
11) 1,1-Dichloroethene-d2	2.12	63	103798	32.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.74%		
21) 2-Butanone-d5	3.91	46	151359	108.74	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	108.74%		
24) Chloroform-d	4.38	84	174075	45.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.04%		
26) 1,2-Dichloroethane-d4	5.06	65	127213	48.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.82%		
32) Benzene-d6	5.07	84	329052	45.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.14%		
36) 1,2-Dichloropropane-d6	6.09	67	106229	47.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.40%		
41) Toluene-d8	7.34	98	300653	45.37	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.74%		
43) trans-1,3-Dichloropropene-	7.64	79	52521	44.80	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.60%		
47) 2-Hexanone-d5	8.11	63	84871	86.49	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.49%		
57) 1,1,2,2-Tetrachloroethane-	10.24	84	139323	46.76	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.52%		
64) 1,2-Dichlorobenzene-d4	11.65	152	123632	49.92	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.84%		
Target Compounds						
20) cis-1,2-Dichloroethene	3.94	96	8029	4.083	ug/L	85
25) Chloroform	4.40	83	3994m	1.145	ug/L	
34) Trichloroethene	5.94	95	3813	1.918	ug/L	87
46) Tetrachloroethene	8.00	164	33921	21.699	ug/L	96

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

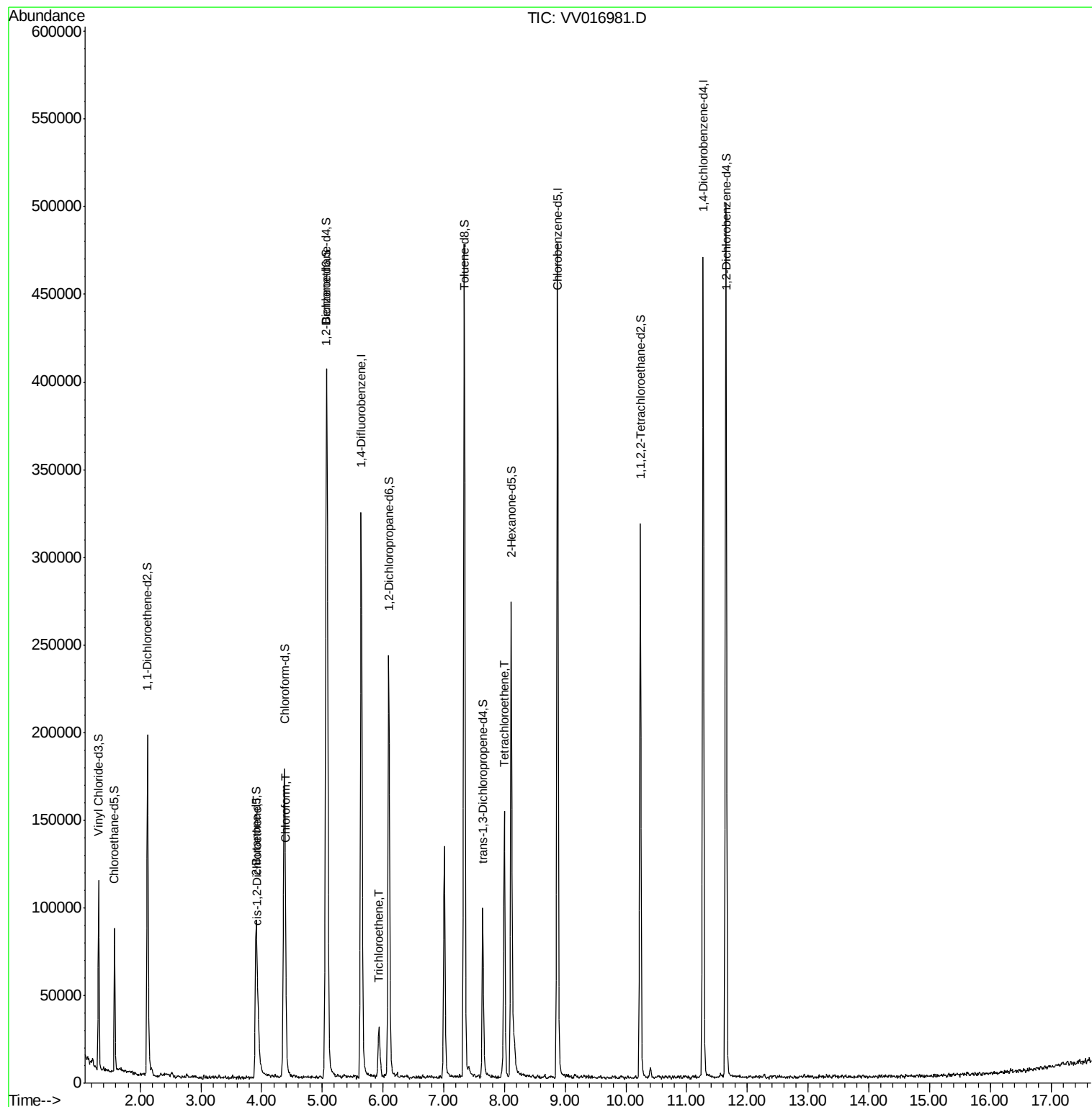
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV061820\
Data File : VV016981.D
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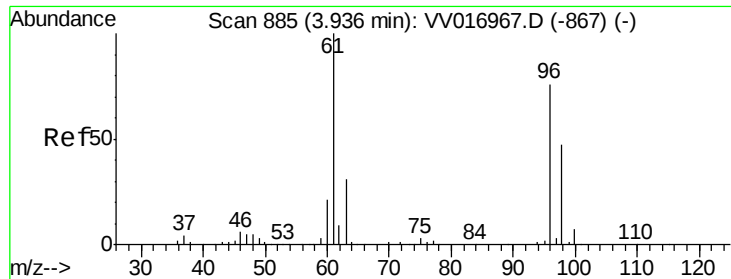
Instrument :
MSVOA_V
ClientSampleId :
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Quant Time: Jun 19 06:49:43 2020
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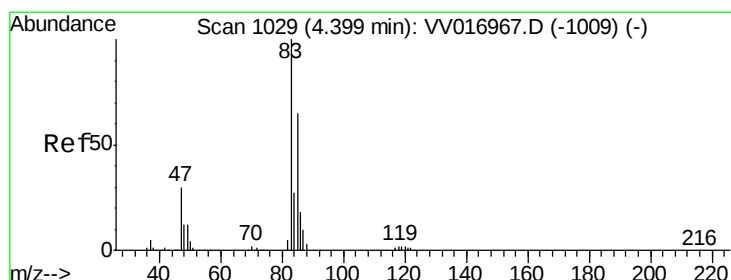
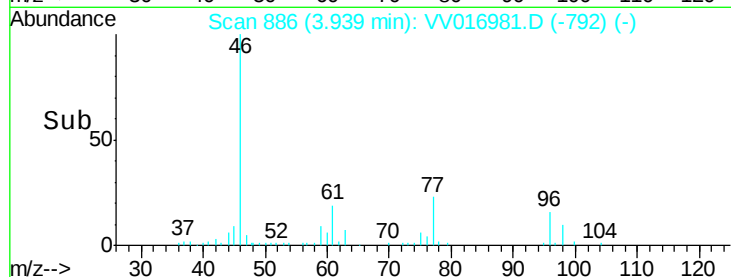
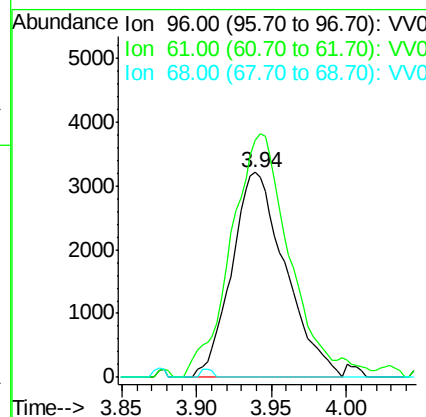
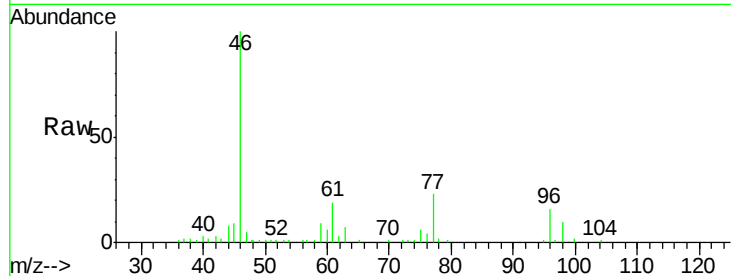
#20
 cis-1,2-Dichloroethene
 Concen: 4.083 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV016981.D
 Acq: 18 Jun 2020 15:56

Instrument :
 MSVOA_V
 ClientSampleId :
 F9M18

Tot Ion	Ratio	Lower	Upper
96	100		
61	115.9	93.4	173.4
68	0.0	0.0	0.0

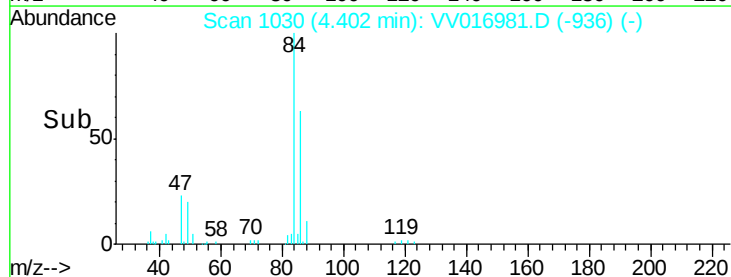
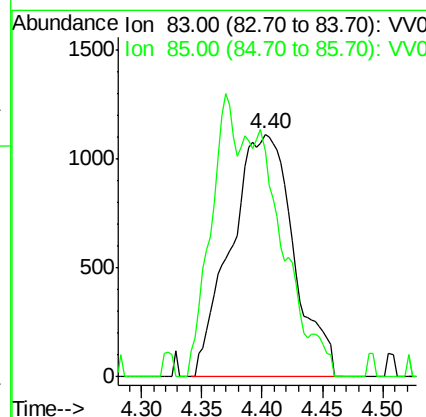
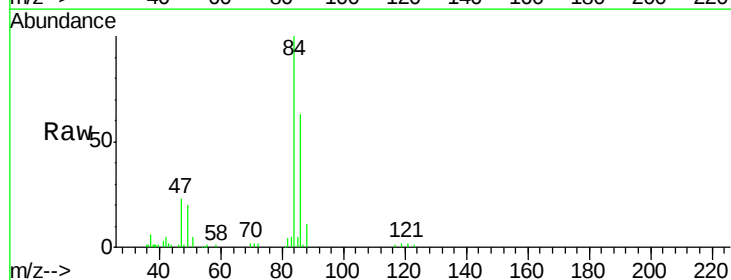
Manual Integrations
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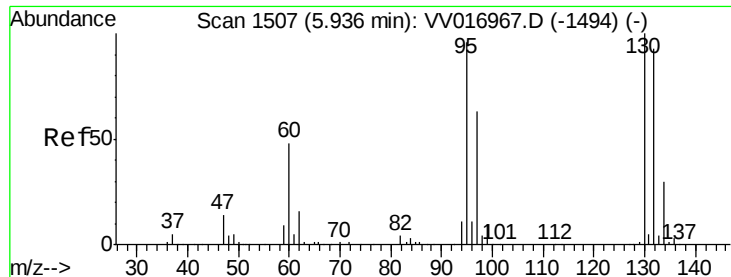
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#25
 Chloroform
 Concen: 1.145 ug/L m
 RT: 4.40 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VV016981.D
 Acq: 18 Jun 2020 15:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	93.2	44.1	81.9#





#34

Trichloroethene

Concen: 1.918 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. 0.00 min

Lab File: VV016981.D

Acq: 18 Jun 2020 15:56

Instrument :

MSVOA_V

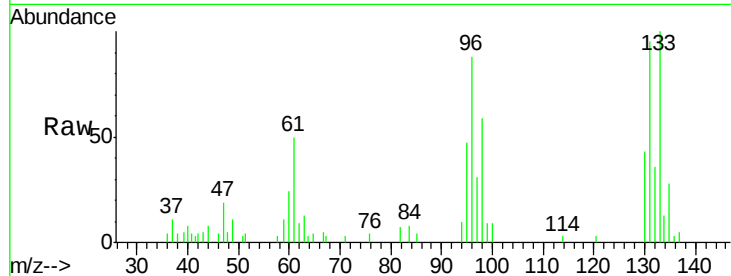
ClientSampled :

F9M18

Tot Ion:	95	Resp:	3813
Ion	Ratio	Lower	Upper
95	100		
97	65.6	44.3	82.3
132	76.8	67.9	126.1
130	91.3	72.2	134.2

Manual Integrations
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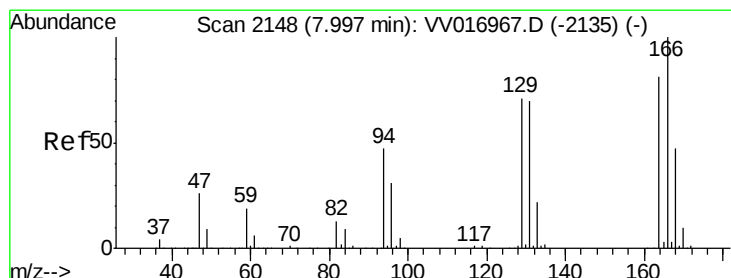
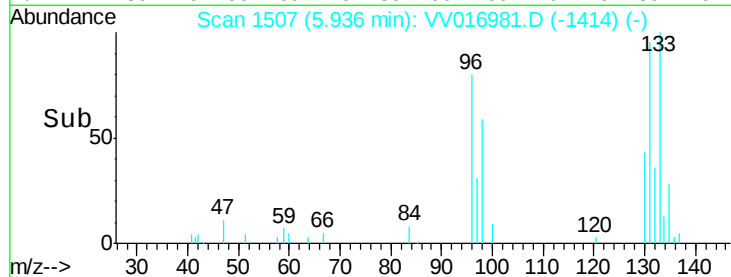
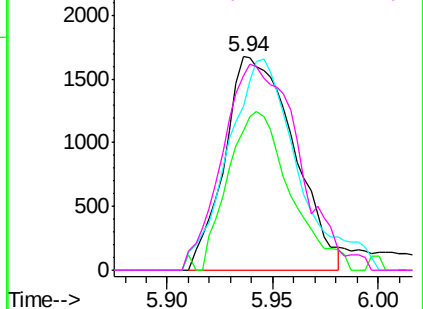
Abundance

Ion 95.00 (94.70 to 95.70): VV016981.D (-1414) (-)

Ion 97.00 (96.70 to 97.70): VV016981.D (-1414) (-)

Ion 132.00 (131.70 to 132.70): VV016981.D (-1414) (-)

Ion 130.00 (129.70 to 130.70): VV016981.D (-1414) (-)



#46

Tetrachloroethene

Concen: 21.699 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016981.D

Acq: 18 Jun 2020 15:56

Tgt Ion:	164	Resp:	33921
Ion	Ratio	Lower	Upper
164	100		
129	92.3	67.0	124.4
131	87.8	64.8	120.3
166	124.9	90.4	167.8

Abundance

Ion 164.00 (163.70 to 164.70): VV016981.D (-2055) (-)

Ion 129.00 (128.70 to 129.70): VV016981.D (-2055) (-)

Ion 131.00 (130.70 to 131.70): VV016981.D (-2055) (-)

Ion 166.00 (165.70 to 166.70): VV016981.D (-2055) (-)

