

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061820\
 Data File : VV016980.D
 Acq On : 18 Jun 2020 15:33
 Operator : SY/MD
 Sample : L3039-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9M16

Manual Integrations
 APPROVED

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 6/19/2020 3:02:50 PM

Quant Time: Jun 19 06:35:55 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	352092	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	334954	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	158390	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83716	33.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.40%
7) Chloroethane-d5	1.58	69	61794	41.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.90%
11) 1,1-Dichloroethene-d2	2.12	63	131125	31.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.86%
21) 2-Butanone-d5	3.91	46	159667	86.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.83%
24) Chloroform-d	4.38	84	216582	42.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.74%
26) 1,2-Dichloroethane-d4	5.06	65	156630	45.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.16%
32) Benzene-d6	5.08	84	417332	43.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.44%
36) 1,2-Dichloropropane-d6	6.09	67	131474	43.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.36%
41) Toluene-d8	7.34	98	381625	43.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.14%
43) trans-1,3-Dichloropropene-	7.64	79	66797	42.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.22%
47) 2-Hexanone-d5	8.11	63	98207	74.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.84%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	166292	41.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.48%
64) 1,2-Dichlorobenzene-d4	11.65	152	162602	48.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	3.94	96	35169	13.539 ug/L	97
25) Chloroform	4.40	83	5041m	1.094 ug/L	
34) Trichloroethene	5.94	95	15136	5.695 ug/L	96
46) Tetrachloroethene	8.00	164	100397	48.028 ug/L	97

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

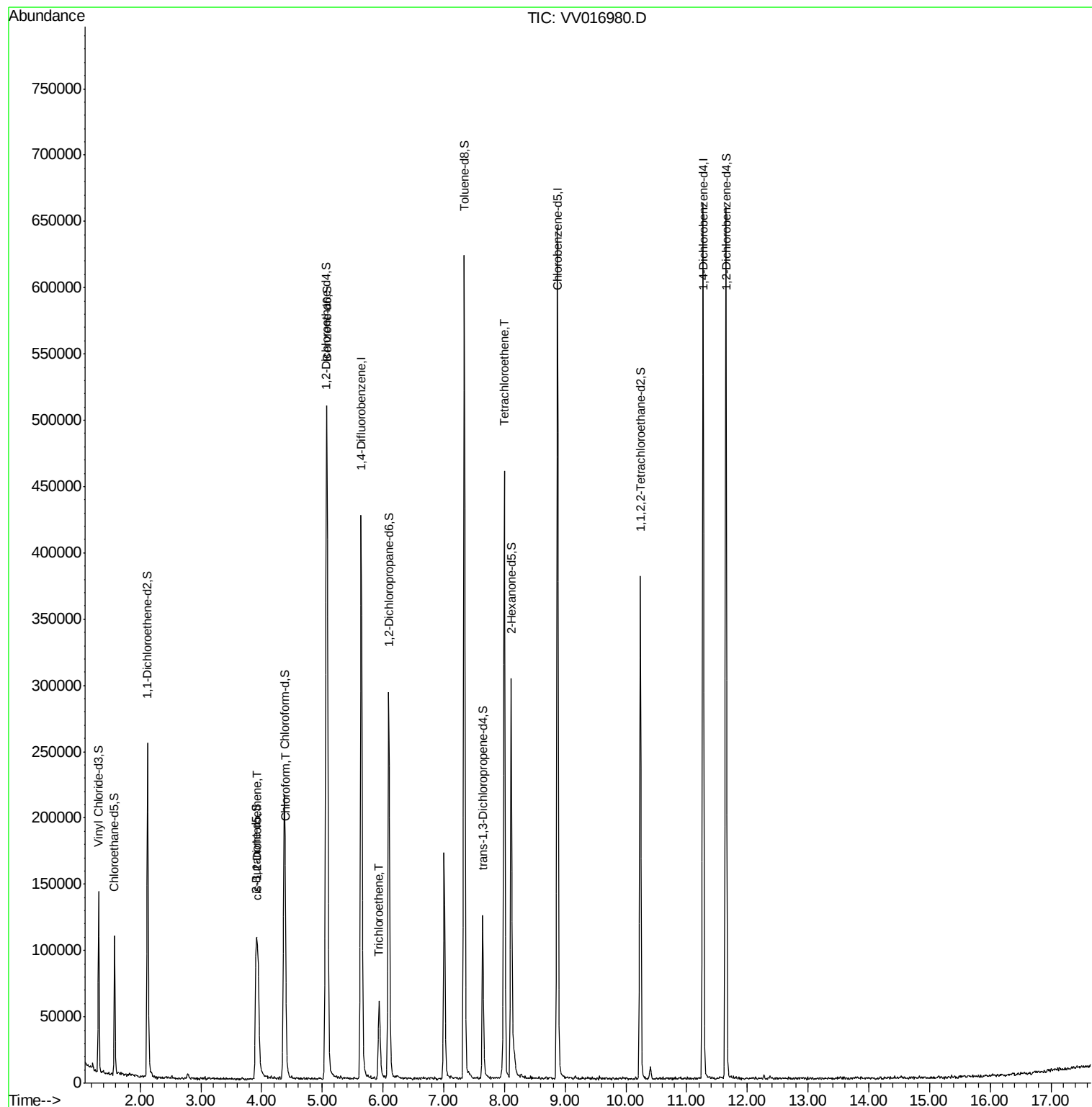
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061820\
Data File : VV016980.D
Acq On : 18 Jun 2020 15:33
Operator : SY/MD
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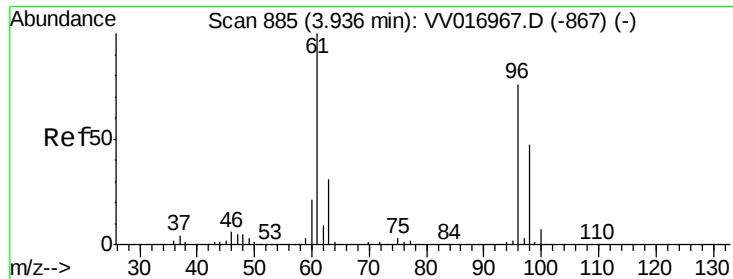
Instrument :
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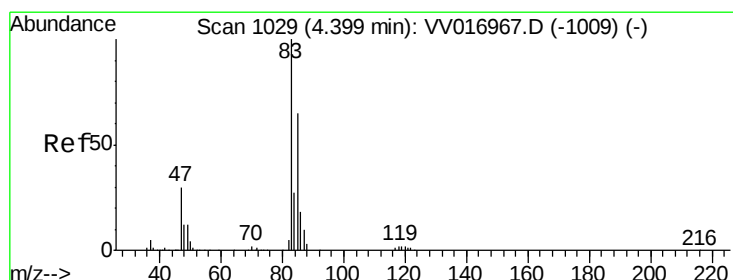
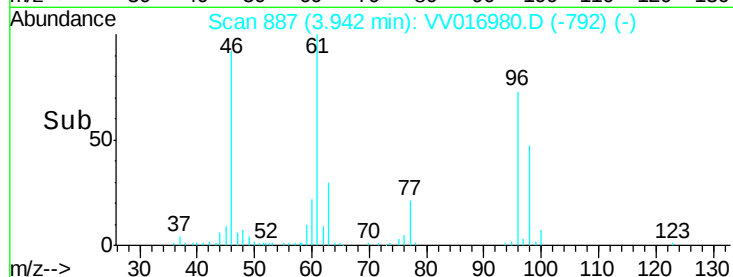
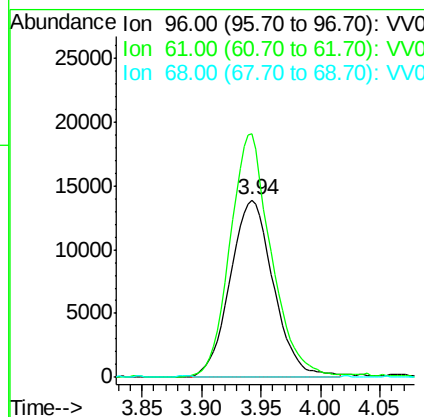
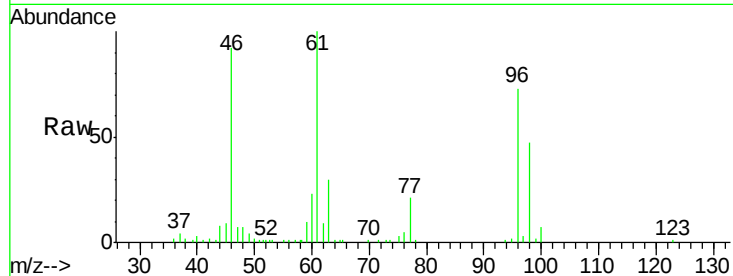
#20
cis-1,2-Dichloroethene
Concen: 13.539 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV016980.D
Acq: 18 Jun 2020 15:33

Instrument :
MSVOA_V
ClientSampleId :
F9M16

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100				
61	137.2		93.4	173.4	
68	0.0		0.0	0.0	

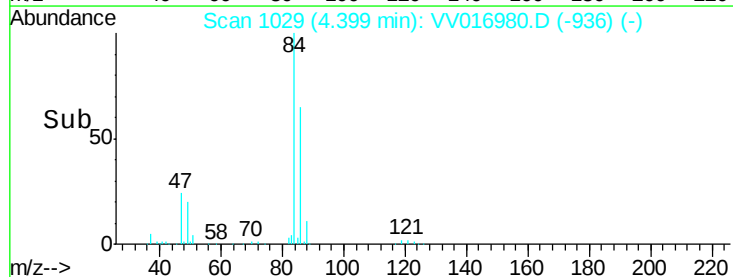
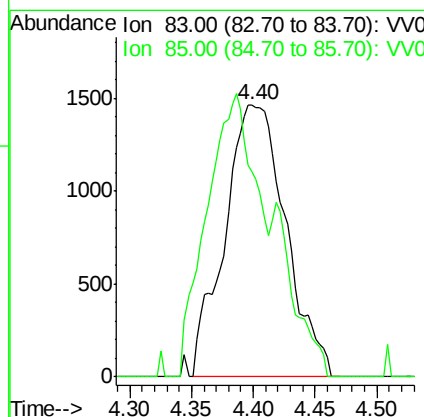
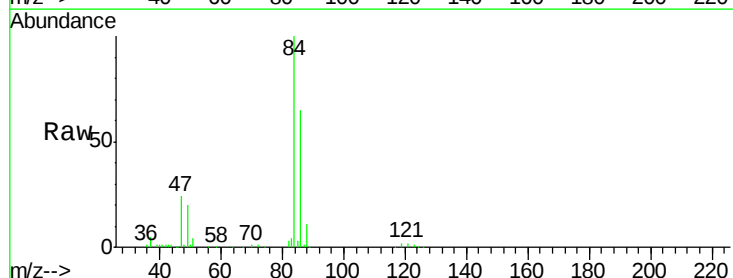
Manual Integrations
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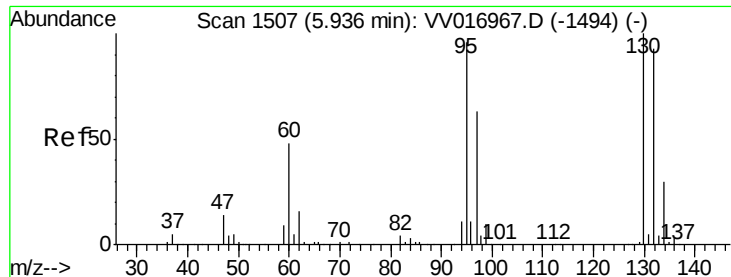
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#25
Chloroform
Concen: 1.094 ug/L m
RT: 4.40 min Scan# 1029
Delta R.T. 0.00 min
Lab File: VV016980.D
Acq: 18 Jun 2020 15:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100				
85	75.3		44.1	81.9	





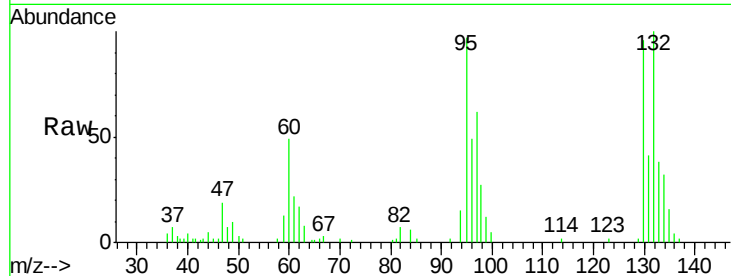
#34
 Trichloroethene
 Concen: 5.695 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV016980.D
 Acq: 18 Jun 2020 15:33

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		15136		
97	64.3	44.3	82.3		
132	103.0	67.9	126.1		
130	99.0	72.2	134.2		

Manual Integrations
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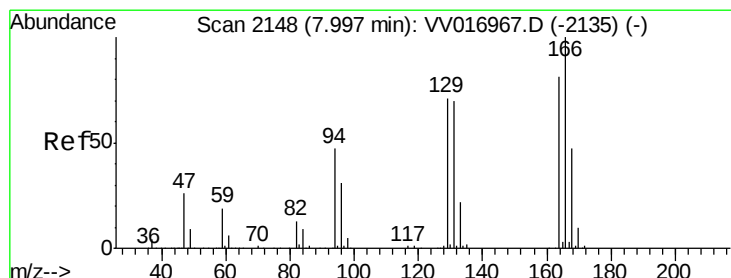
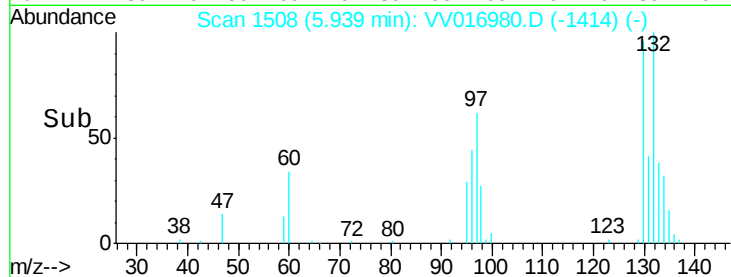
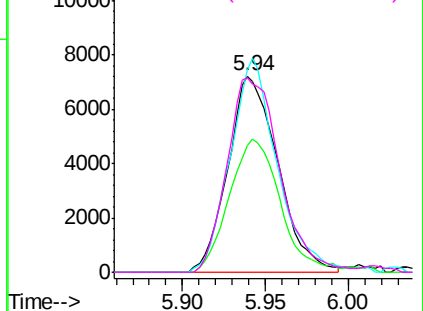
Abundance

Ion 95.00 (94.70 to 95.70): VV016967.D (-1494) (-)

Ion 97.00 (96.70 to 97.70): VV016967.D (-1494) (-)

Ion 132.00 (131.70 to 132.70): VV016967.D (-1494) (-)

Ion 130.00 (129.70 to 130.70): VV016967.D (-1494) (-)



#46
 Tetrachloroethene
 Concen: 48.028 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV016980.D
 Acq: 18 Jun 2020 15:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		100397		
129	96.6	67.0	124.4		
131	88.4	64.8	120.3		
166	123.9	90.4	167.8		

Abundance

Ion 164.00 (163.70 to 164.70): VV016967.D (-2135) (-)

Ion 129.00 (128.70 to 129.70): VV016967.D (-2135) (-)

Ion 131.00 (130.70 to 131.70): VV016967.D (-2135) (-)

Ion 166.00 (165.70 to 166.70): VV016967.D (-2135) (-)

