

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100120\
 Data File : VV018604.D
 Acq On : 01 Oct 2020 21:34
 Operator : SY/MD
 Sample : L4237-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AC1

Manual Integrations
 APPROVED

MMDadoda
 10/2/2020 5:45:26 PM

Quant Time: Oct 02 04:57:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 02 04:18:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	290911	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	298683	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	145147	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	89966	52.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.46%
7) Chloroethane-d5	1.58	69	84454	59.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	119.74%
11) 1,1-Dichloroethene-d2	2.12	63	150371	43.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.52%
21) 2-Butanone-d5	3.91	46	116881	91.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.84%
24) Chloroform-d	4.38	84	176934	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.92%
26) 1,2-Dichloroethane-d4	5.06	65	120764	51.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.12%
32) Benzene-d6	5.07	84	351519	46.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.92%
36) 1,2-Dichloropropane-d6	6.09	67	109437	47.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.74%
41) Toluene-d8	7.34	98	342614	48.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.28%
43) trans-1,3-Dichloropropene-	7.64	79	57006	46.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.32%
47) 2-Hexanone-d5	8.11	63	70046	80.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.67%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	123504	40.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.50%
64) 1,2-Dichlorobenzene-d4	11.65	152	140690	50.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) cis-1,2-Dichloroethene	3.94	96	3468m	1.570	ug/L	
34) Trichloroethene	5.94	95	1248331	490.022	ug/L	97
46) Tetrachloroethene	8.00	164	2132	1.032	ug/L	93

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

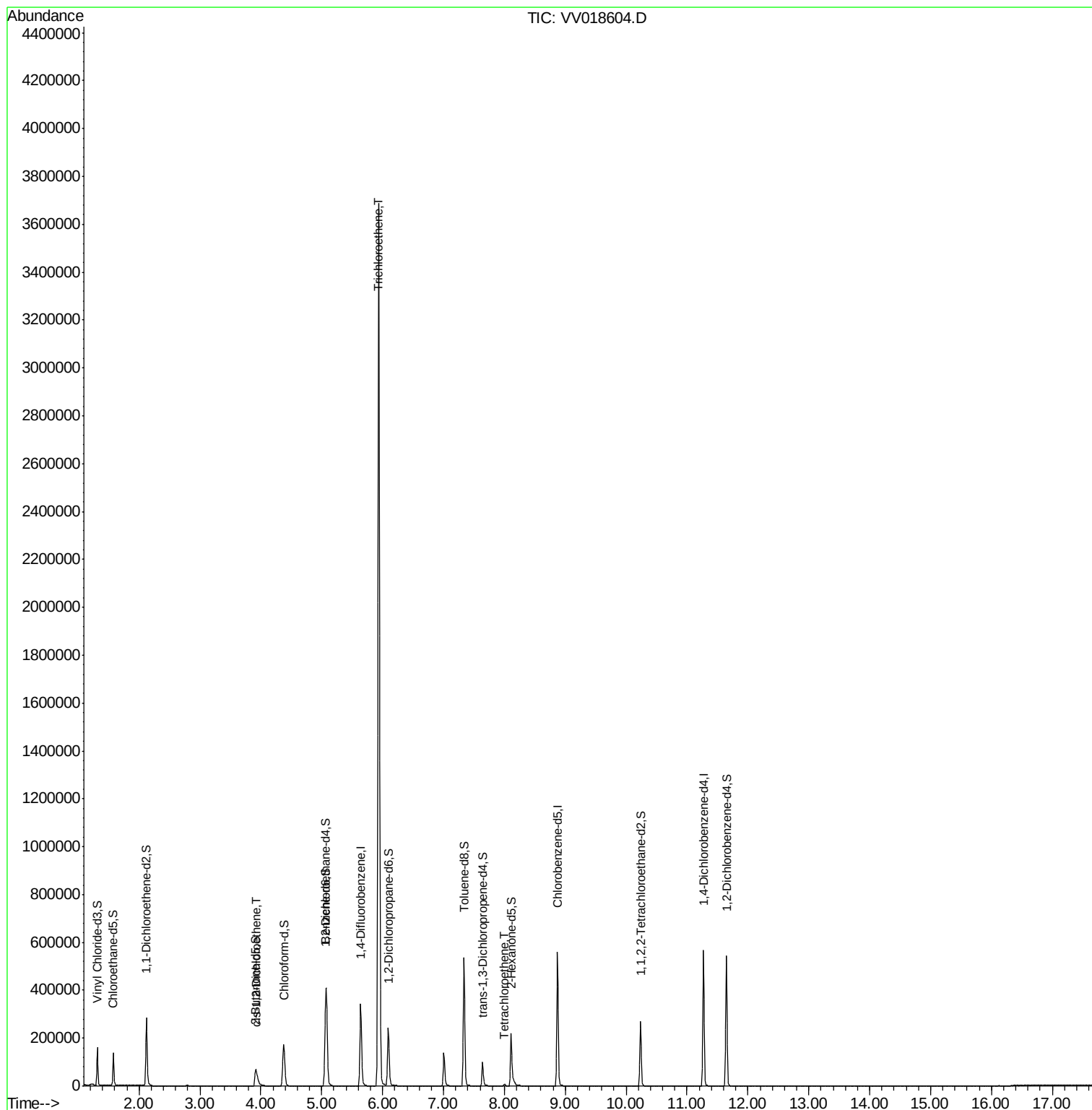
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV100120\
Data File : VV018604.D
Acq On : 01 Oct 2020 21:34
Operator : SY/MD
Sample : L4237-06
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

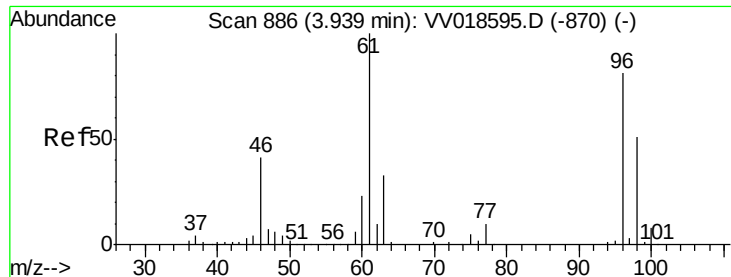
Instrument :
MSVOA_V
ClientSampleId :
E0AC1

Manual Integrations
APPROVED

MMDadoda
10/2/2020 5:45:26 PM

Quant Time: Oct 02 04:57:24 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 02 04:18:06 2020
Response via : Initial Calibration





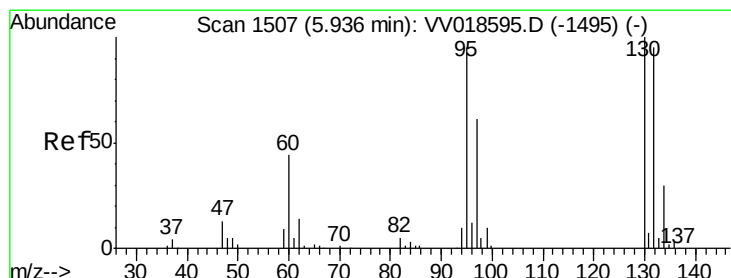
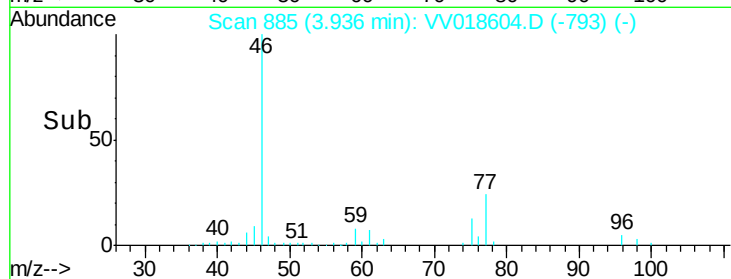
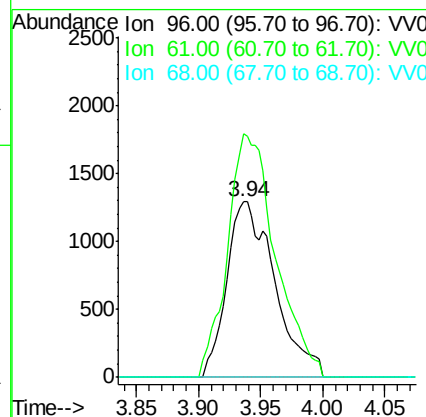
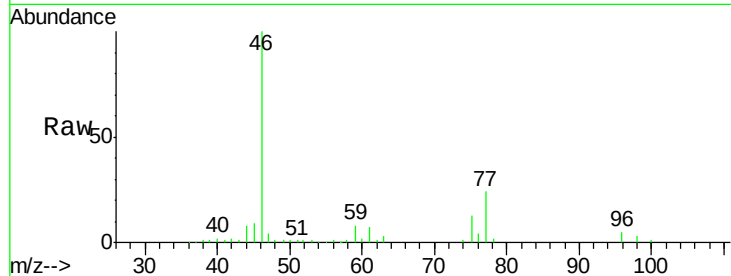
#20
cis-1,2-Dichloroethene
Concen: 1.570 ug/L m
RT: 3.94 min Scan# 885
Delta R.T. -0.00 min
Lab File: VV018604.D
Acq: 01 Oct 2020 21:34

Instrument :
MSVOA_V
ClientSampleId :
E0AC1

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		3468		
61	138.7		86.8	161.2	
68	0.0		0.0	0.0	

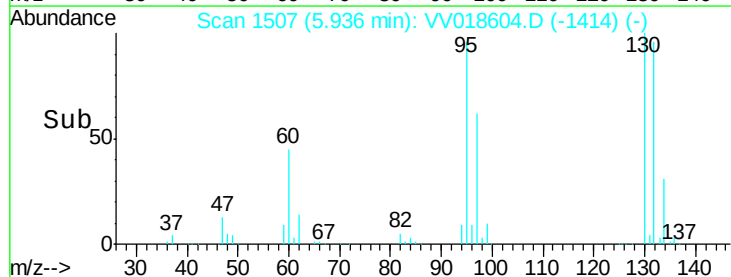
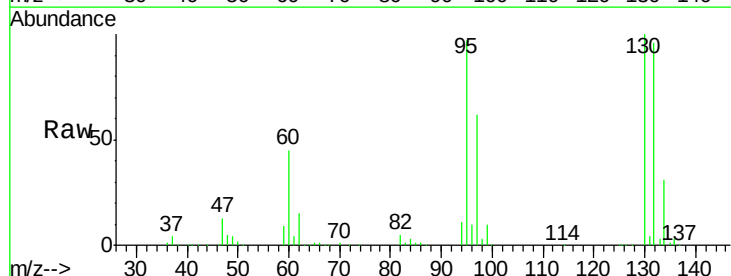
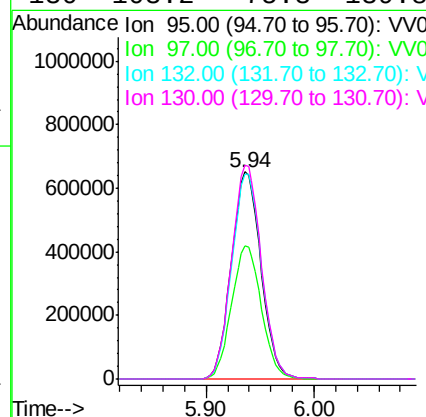
Manual Integrations
APPROVED

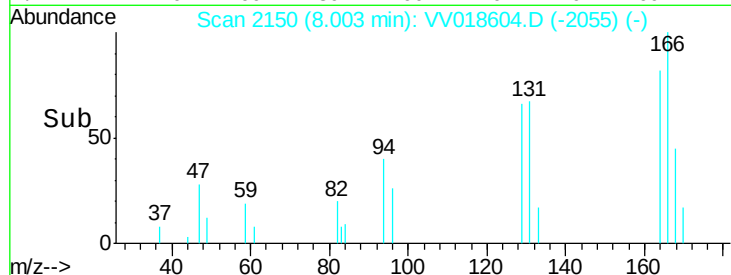
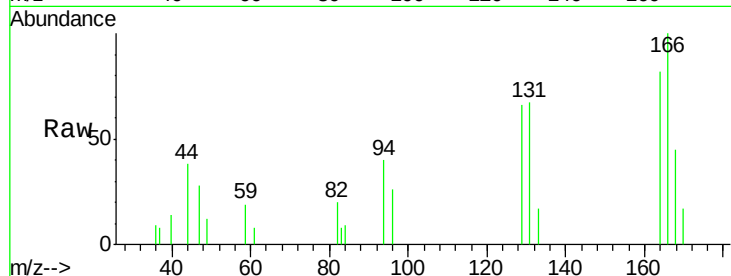
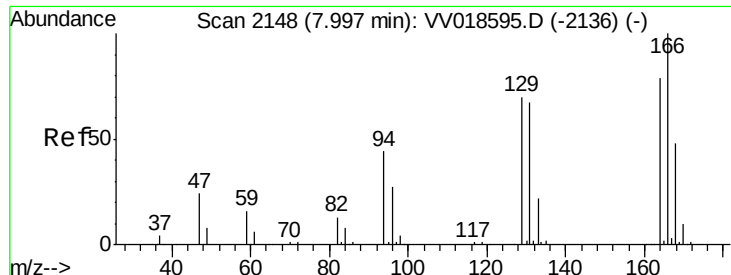
MMDadoda
10/2/2020 5:45:26 PM



#34
Trichloroethene
Concen: 490.022 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. -0.00 min
Lab File: VV018604.D
Acq: 01 Oct 2020 21:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	100		1248331		
97	64.2		45.9	85.3	
132	99.2		70.8	131.4	
130	103.2		75.3	139.8	





#46

Tetrachloroethene

Concen: 1.032 ug/L

RT: 8.00 min Scan# 2150

Delta R.T. 0.01 min

Lab File: VV018604.D

Acq: 01 Oct 2020 21:34

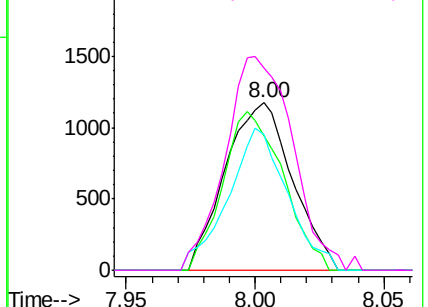
Tot Ion	Ratio	Lower	Upper
164	100		
129	80.2	62.8	116.6
131	80.8	60.8	112.8
166	121.2	88.9	165.1

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



Instrument :
MSVOA_V
ClientSampleId :
E0AC1

Manual Integrations
APPROVED

MMDadoda
10/2/2020 5:45:26 PM