

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101020\
 Data File : VV018835.D
 Acq On : 10 Oct 2020 16:13
 Operator : SY/MD
 Sample : L4287-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK9

Quant Time: Oct 12 04:52:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 12 04:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	304667	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	301504	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	137659	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	91095	32.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.82%
7) Chloroethane-d5	1.58	69	85579	38.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.82%
11) 1,1-Dichloroethene-d2	2.12	63	142871	26.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.54%#
21) 2-Butanone-d5	3.91	46	177281	104.30	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.30%
24) Chloroform-d	4.38	84	205869	42.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.30%
26) 1,2-Dichloroethane-d4	5.06	65	146175	44.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.30%
32) Benzene-d6	5.07	84	385877	39.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.54%
36) 1,2-Dichloropropane-d6	6.09	67	133587	42.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.44%
41) Toluene-d8	7.34	98	325239	37.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.52%#
43) trans-1,3-Dichloropropene-	7.64	79	57798	37.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.74%
47) 2-Hexanone-d5	8.11	63	86187	77.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.72%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	133378	36.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	73.30%
64) 1,2-Dichlorobenzene-d4	11.65	152	141879	46.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.14%

Target Compounds

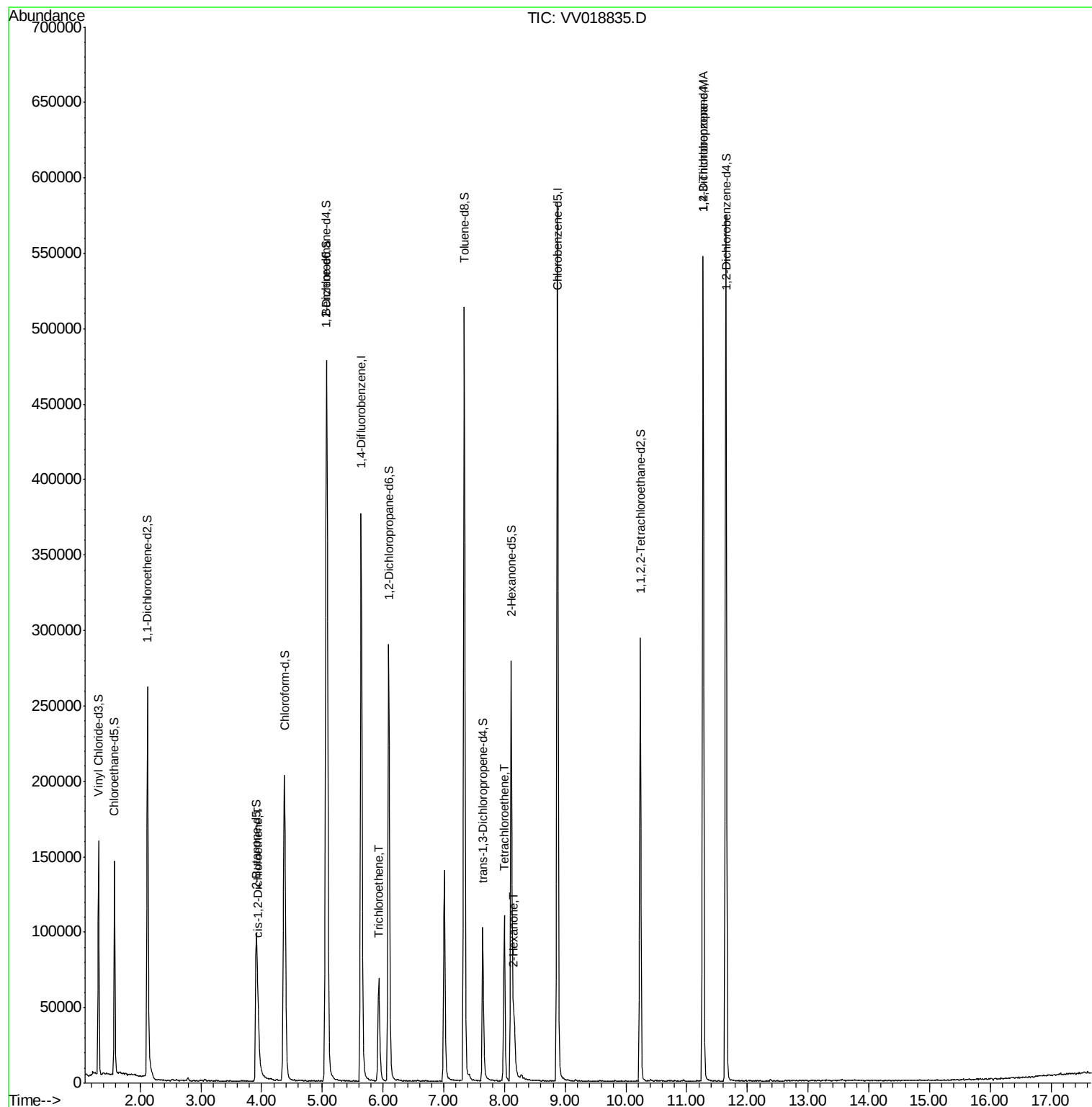
					Ovalue
20) cis-1,2-Dichloroethene	3.95	96	6821	2.900 ug/L	99
34) Trichloroethene	5.94	95	6513	2.366 ug/L	96
46) Tetrachloroethene	8.00	164	24440	12.113 ug/L	98
48) 2-Hexanone	8.16	43	25456	9.444 ug/L #	86
59) 1,2,3-Trichloropropane	11.27	75	15805	5.055 ug/L	94

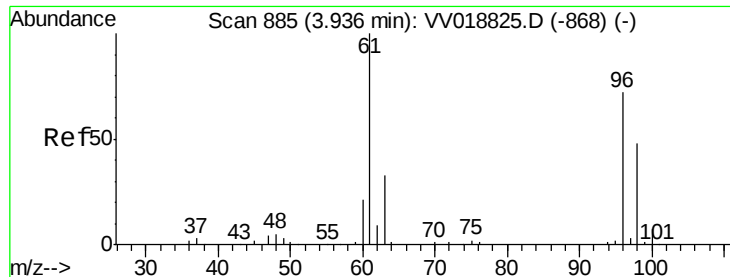
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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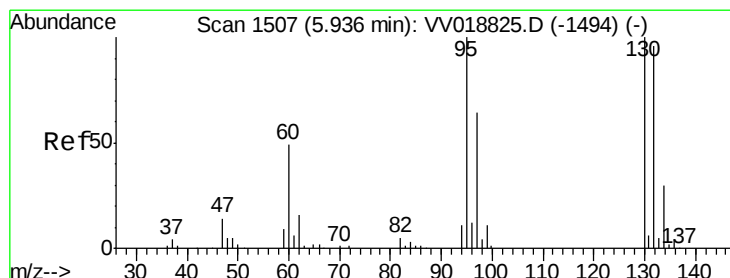
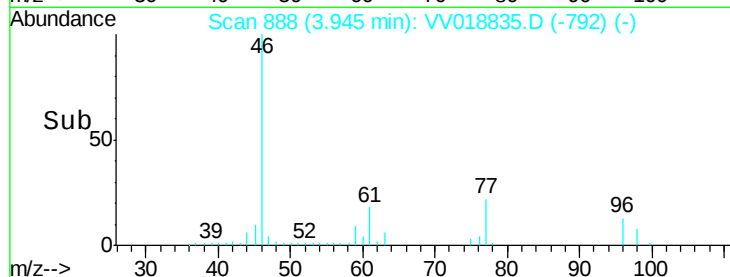
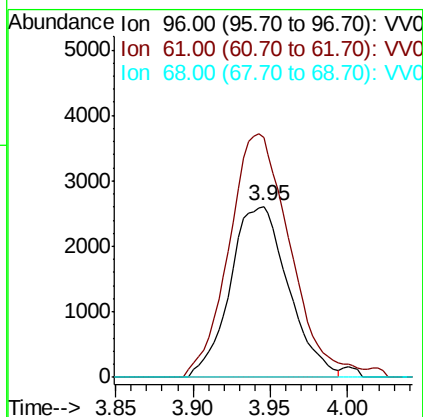
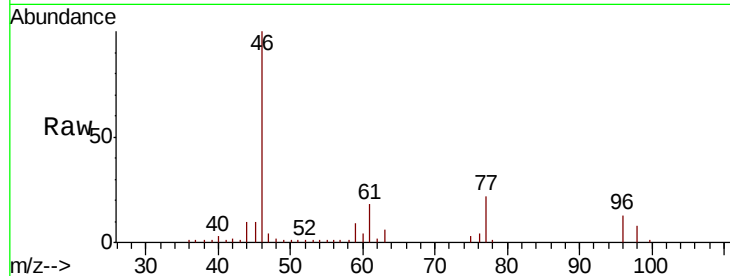




#20
 cis-1,2-Dichloroethene
 Concen: 2.900 ug/L
 RT: 3.95 min Scan# 888
 Delta R.T. 0.01 min
 Lab File: VV018835.D
 Acq: 10 Oct 2020 16:13

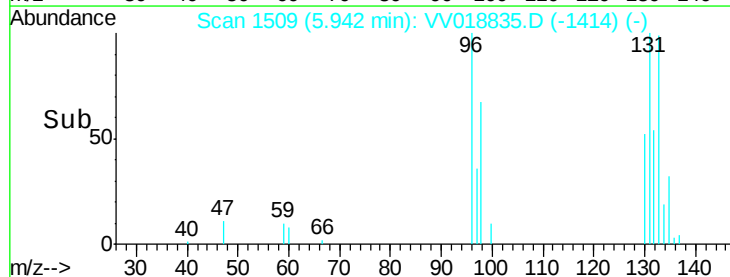
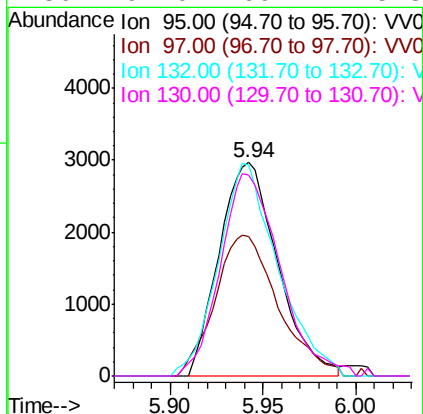
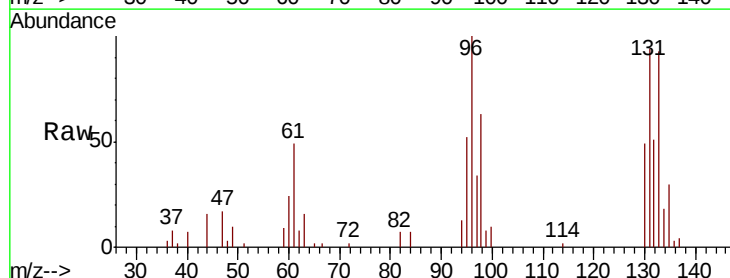
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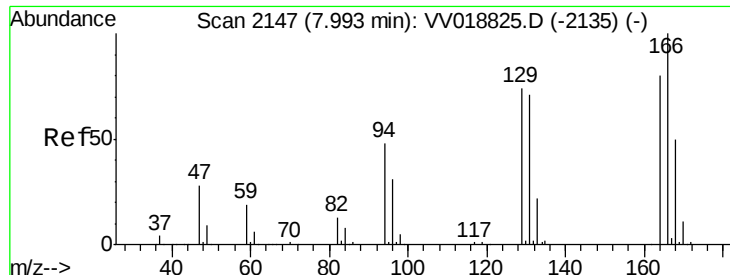
Tot Ion: 96 Resp: 6821
 Ion Ratio Lower Upper
 96 100
 61 140.7 97.3 180.7
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 2.366 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV018835.D
 Acq: 10 Oct 2020 16:13

Tgt Ion: 95 Resp: 6513
 Ion Ratio Lower Upper
 95 100
 97 65.1 45.1 83.9
 132 98.7 66.2 123.0
 130 94.0 69.1 128.3

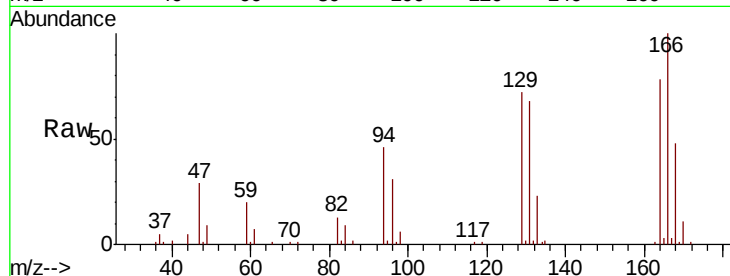




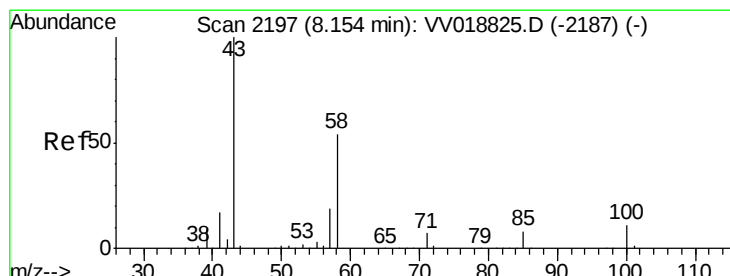
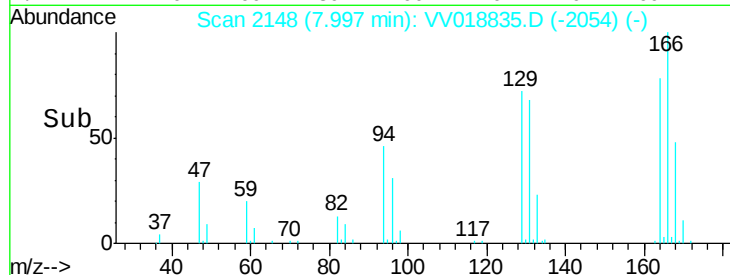
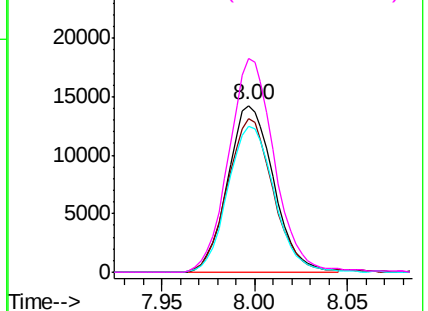
#46
Tetrachloroethene
Concen: 12.113 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV018835.D
Acq: 10 Oct 2020 16:13

Instrument :
MSVOA_V
ClientSampleId :
C0AK9

Tot Ion:164 Resp: 24440
Ion Ratio Lower Upper
164 100
129 91.8 64.6 120.0
131 87.1 63.6 118.0
166 127.9 88.3 164.1

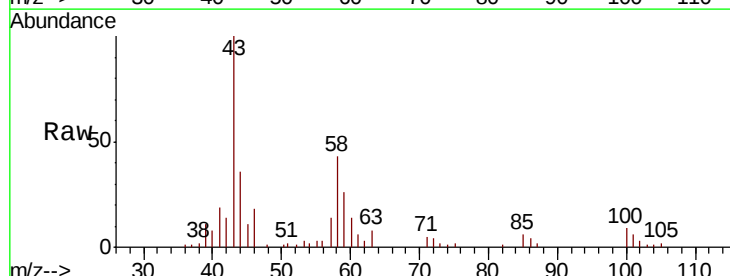


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

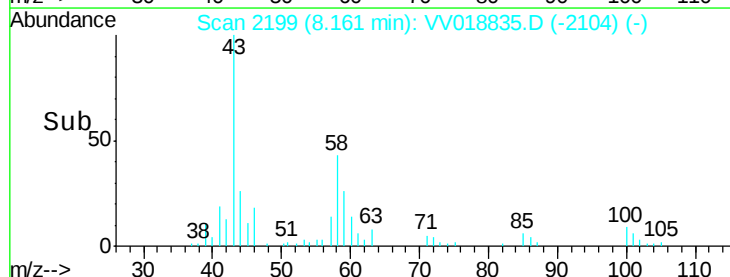
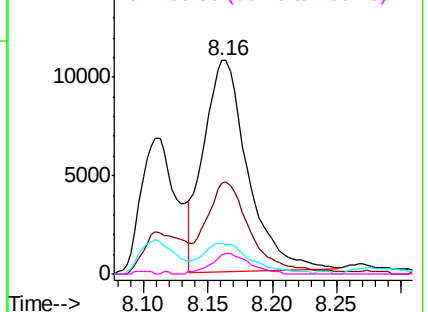


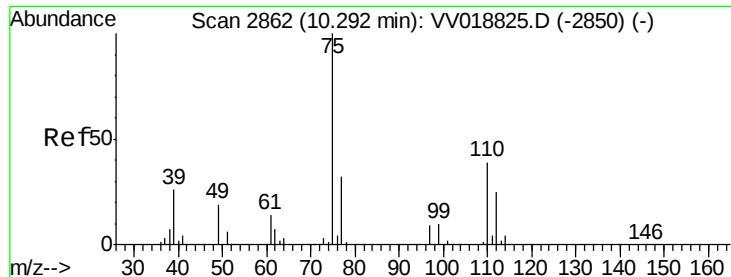
#48
2-Hexanone
Concen: 9.444 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.01 min
Lab File: VV018835.D
Acq: 10 Oct 2020 16:13

Tgt Ion: 43 Resp: 25456
Ion Ratio Lower Upper
43 100
58 40.7 41.8 62.8#
57 13.6 14.9 22.3#
100 8.5 9.2 13.8#



Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0





#59

1,2,3-Trichloropropane

Concen: 5.055 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018835.D

Acq: 10 Oct 2020 16:13

Instrument :

MSVOA_V

ClientSampleId :

C0AK9

Tot Ion: 75 Resp: 15805

Ion Ratio Lower Upper

75 100

77 36.0 25.9 38.9

