

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
 Data File : VV021897.D
 Acq On : 19 Aug 2021 18:24
 Operator : SY/MD
 Sample : M3448-19
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBKG4

Quant Time: Aug 20 02:19:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 20 02:14:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

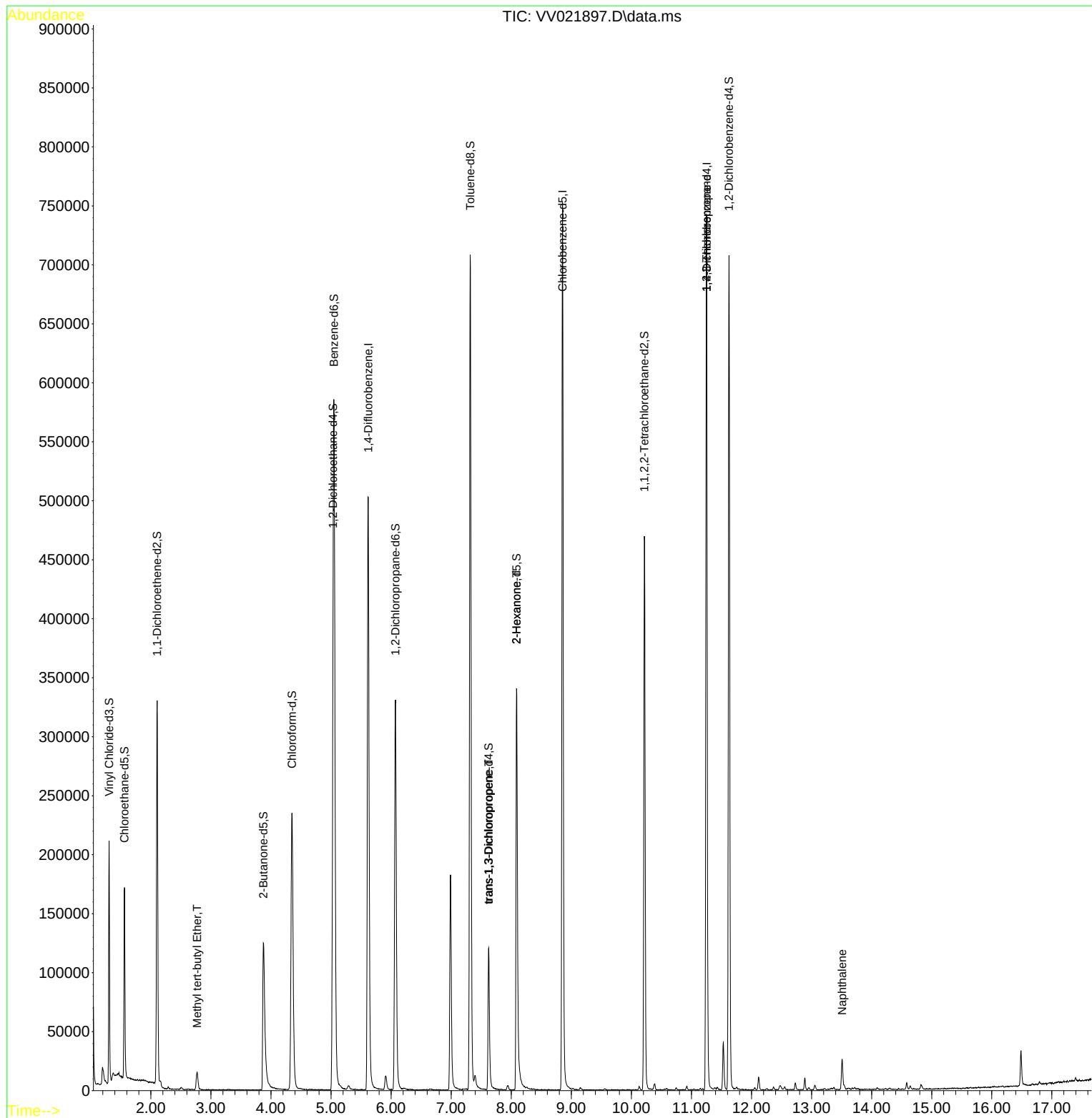
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	465877	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	431192	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	206456	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	129107	35.449	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	70.900%		
7) Chloroethane-d5	1.561	69	104379	37.978	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	75.960%		
11) 1,1-Dichloroethene-d2	2.105	63	165256	28.505	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	57.020%#		
21) 2-Butanone-d5	3.873	46	194528	85.879	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	85.880%		
24) Chloroform-d	4.349	84	249895	39.603	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.200%		
26) 1,2-Dichloroethane-d4	5.034	65	155569	42.861	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.720%		
32) Benzene-d6	5.050	84	527102	42.510	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.020%		
36) 1,2-Dichloropropane-d6	6.072	67	168189	43.557	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.120%		
41) Toluene-d8	7.317	98	486073	42.412	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.820%		
43) trans-1,3-Dichloroprop...	7.622	79	71010	37.367	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.740%		
47) 2-Hexanone-d5	8.088	63	121142	95.722	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.720%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	226642	47.365	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.720%		
66) 1,2-Dichlorobenzene-d4	11.625	152	193019	45.175	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.360%		
Target Compounds						Qvalue
18) Methyl tert-butyl Ether	2.770	73	16245	1.635	ug/L	99
44) trans-1,3-Dichloropropene	7.625	75	2924	0.583	ug/L #	81
48) 2-Hexanone	8.088	43	12698	3.547	ug/L #	72
61) 1,2,3-Trichloropropane	11.249	75	22525	5.904	ug/L #	65
71) Naphthalene	13.509	128	22577	1.907	ug/L	99

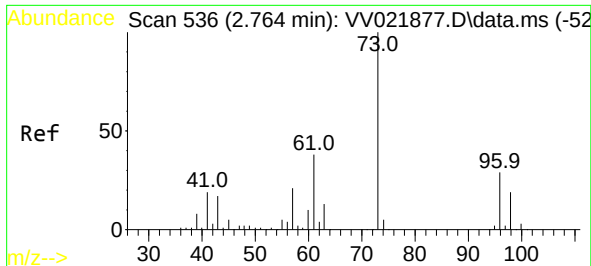
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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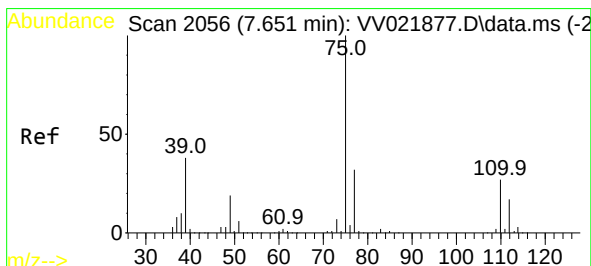
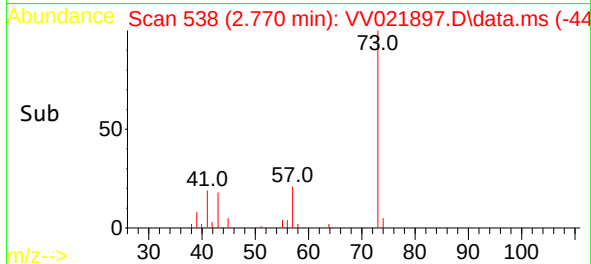
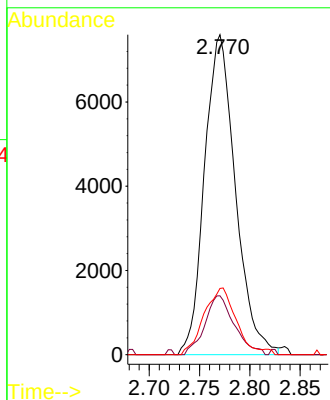
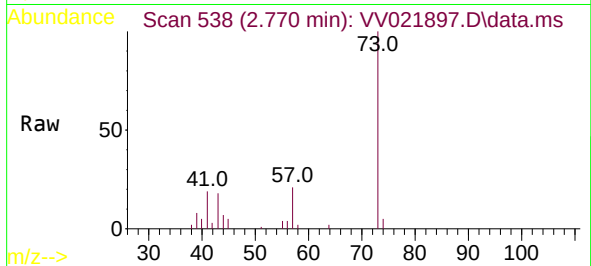




#18
Methyl tert-butyl Ether
Concen: 1.635 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.007 min
Lab File: VV021897.D
Acq: 19 Aug 2021 18:24

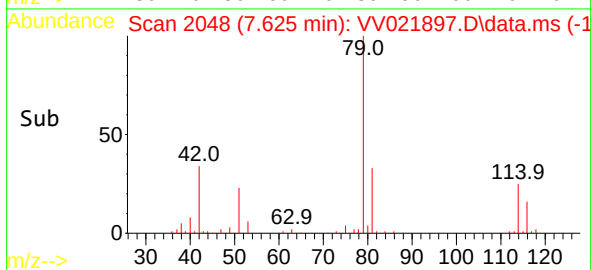
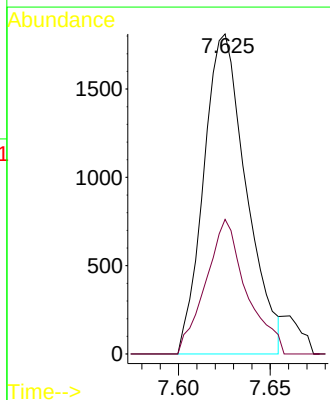
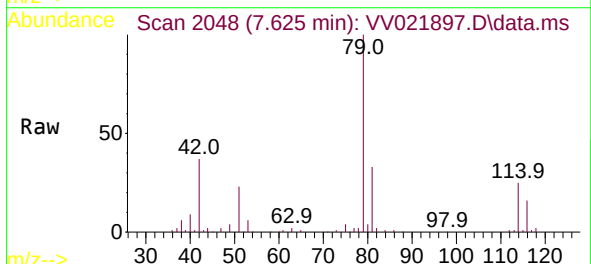
Instrument :
MSVOA_V
ClientSampleId :
DBKG4

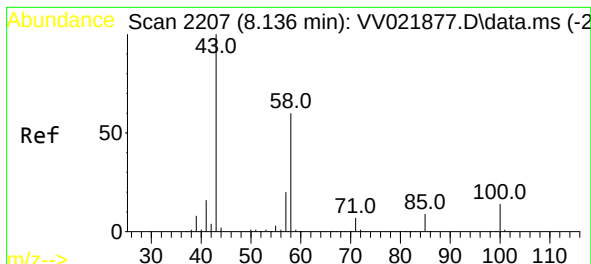
Tgt Ion: 73	Resp: 16245
Ion Ratio	Lower Upper
73 100	
43 17.6	14.2 21.4
57 21.4	17.7 26.5



#44
trans-1,3-Dichloropropene
Concen: 0.583 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.026 min
Lab File: VV021897.D
Acq: 19 Aug 2021 18:24

Tgt Ion: 75	Resp: 2924
Ion Ratio	Lower Upper
75 100	
77 42.1	22.2 41.2#

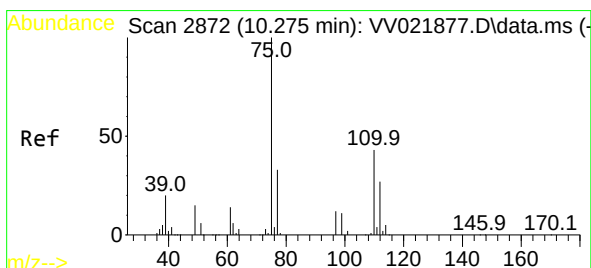
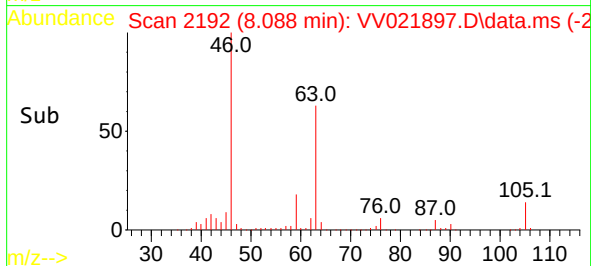
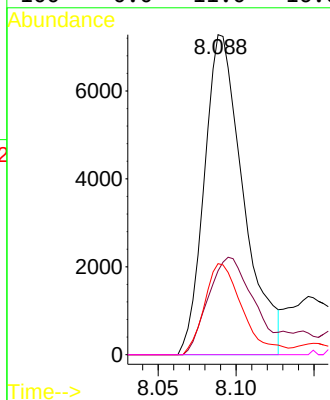
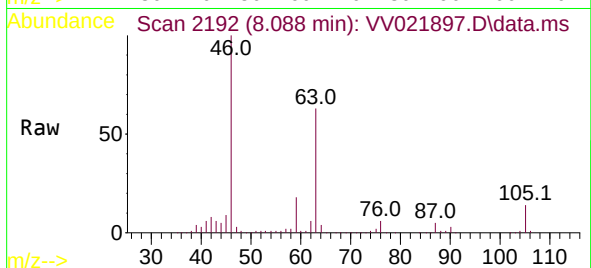




#48
2-Hexanone
Concen: 3.547 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. -0.048 min
Lab File: VV021897.D
Acq: 19 Aug 2021 18:24

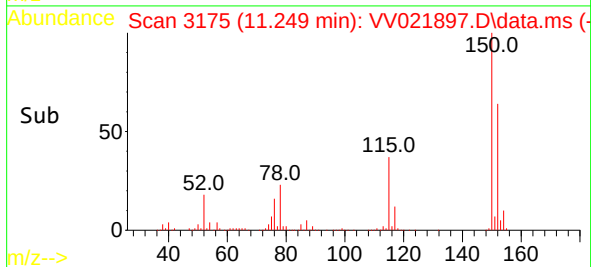
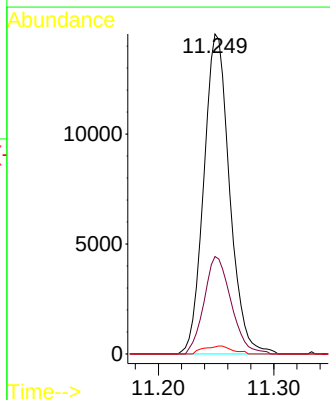
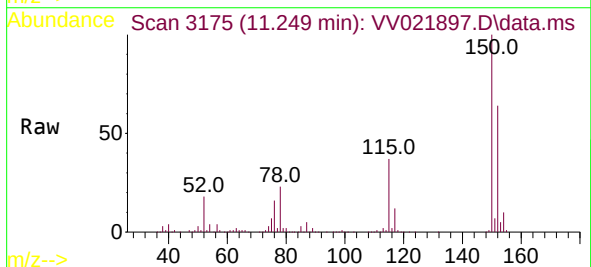
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MSVOA_V
ClientSampled :
DBKG4

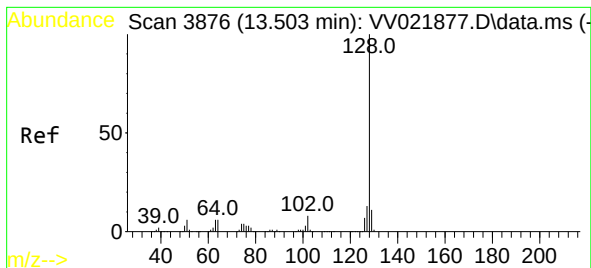
Tgt Ion: 43	Resp: 12698
Ion Ratio	Lower Upper
43 100	
58 34.5	45.4 68.2#
57 27.7	15.3 22.9#
100 0.0	11.0 16.6#



#61
1,2,3-Trichloropropane
Concen: 5.904 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV021897.D
Acq: 19 Aug 2021 18:24

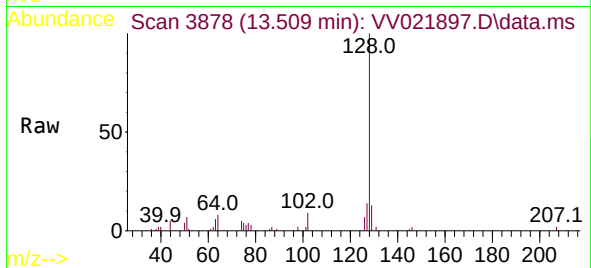
Tgt Ion: 75	Resp: 22525
Ion Ratio	Lower Upper
75 100	
77 31.9	25.5 38.3
110 2.7	33.4 50.2#





#71
Naphthalene
Concen: 1.907 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.007 min
Lab File: VV021897.D
Acq: 19 Aug 2021 18:24

Instrument :
MSVOA_V
ClientSampleId :
DBKG4



Tgt Ion:	128	Resp:	22577
Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.0	15.0
129	11.0	8.5	12.7

