

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081621\
 Data File : VV021799.D
 Acq On : 16 Aug 2021 18:29
 Operator : SY/MD
 Sample : M3422-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 17 04:32:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 17 04:08:59 2021
 Response via : Initial Calibration

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

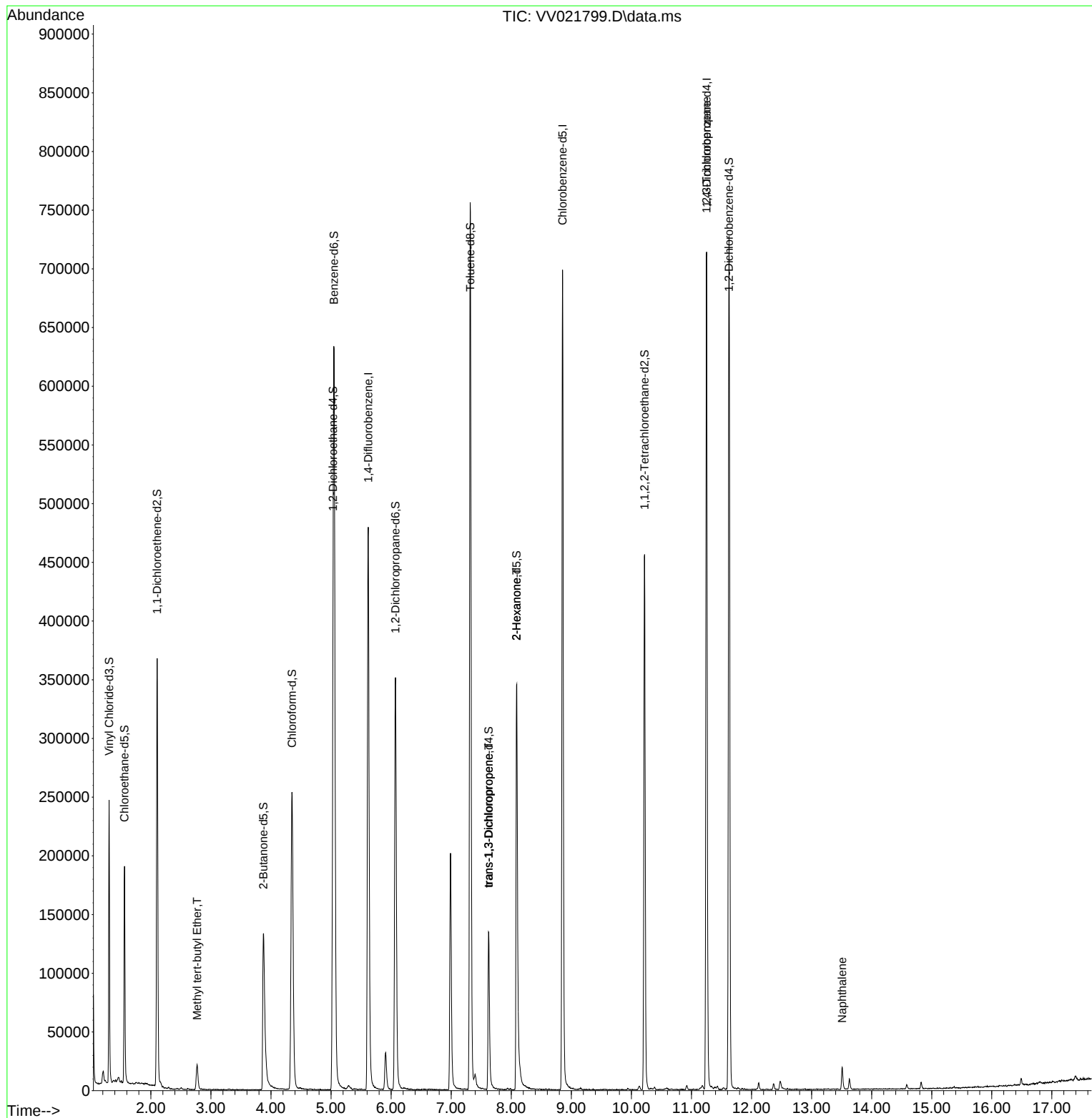
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	436898	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	405401	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	194413	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	150307	44.007	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.020%
7) Chloroethane-d5	1.561	69	117566	45.613	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.220%
11) 1,1-Dichloroethene-d2	2.105	63	185941	34.201	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.400%
21) 2-Butanone-d5	3.873	46	212541	100.055	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.060%
24) Chloroform-d	4.349	84	269361	45.519	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.040%
26) 1,2-Dichloroethane-d4	5.034	65	165777	48.703	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.400%
32) Benzene-d6	5.050	84	571392	49.014	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.020%
36) 1,2-Dichloropropane-d6	6.072	67	177440	48.876	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.760%
41) Toluene-d8	7.317	98	511329	47.454	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.900%
43) trans-1,3-Dichloroprop...	7.625	79	79986	44.768	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.540%
47) 2-Hexanone-d5	8.088	63	120619	101.373	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.370%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	223992	49.789	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.580%
66) 1,2-Dichlorobenzene-d4	11.625	152	199197	49.509	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.020%
Target Compounds						
					Qvalue	
18) Methyl tert-butyl Ether	2.770	73	21131	2.267	ug/L	98
44) trans-1,3-Dichloropropene	7.622	75	3317	0.704	ug/L	84
48) 2-Hexanone	8.088	43	14090	4.186	ug/L #	72
61) 1,2,3-Trichloropropane	11.249	75	22056	6.139	ug/L #	63
71) Naphthalene	13.509	128	16054	1.440	ug/L	99

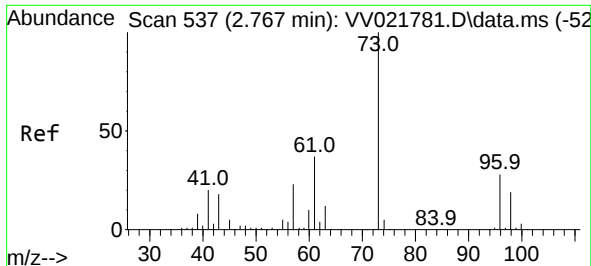
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

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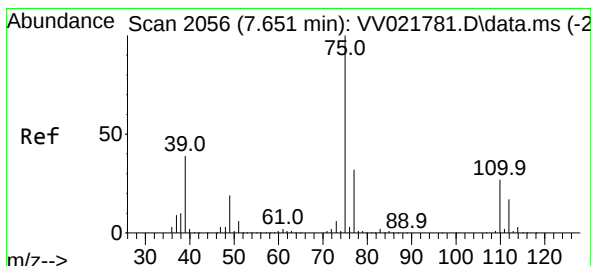
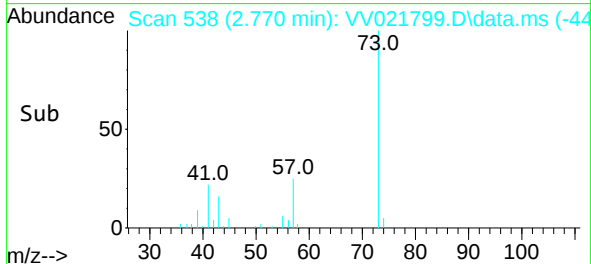
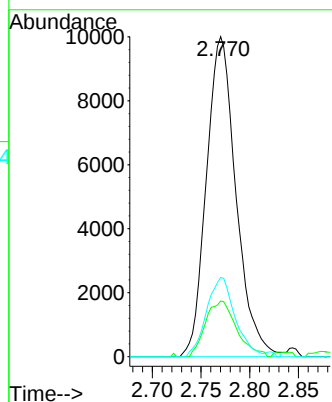
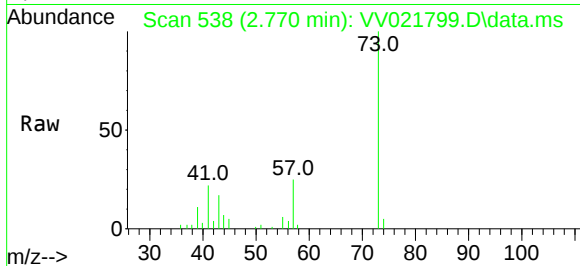




#18
Methyl tert-butyl Ether
Concen: 2.267 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV021799.D
Acq: 16 Aug 2021 18:29

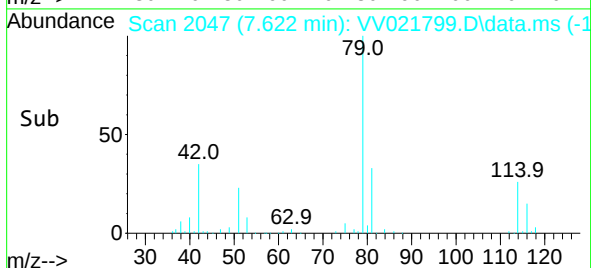
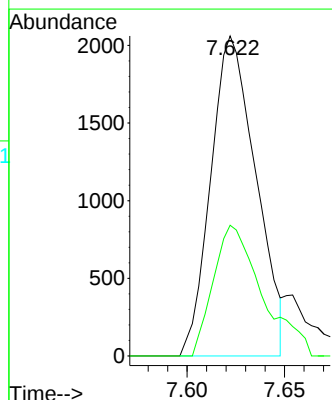
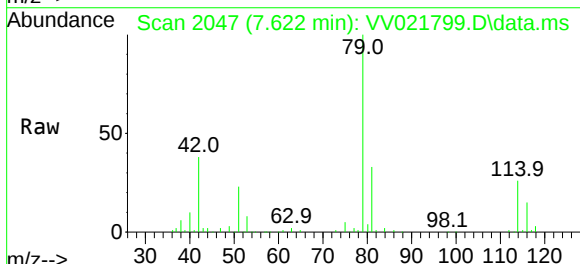
Instrument :
MSVOA_V
ClientSampled :

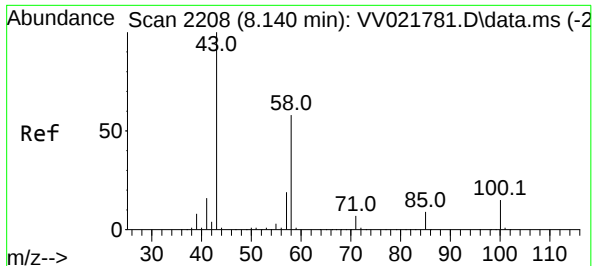
Tgt Ion: 73	Resp: 21131
Ion Ratio	Lower Upper
73 100	
43 18.3	14.2 21.4
57 23.8	17.7 26.5



#44
trans-1,3-Dichloropropene
Concen: 0.704 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.029 min
Lab File: VV021799.D
Acq: 16 Aug 2021 18:29

Tgt Ion: 75	Resp: 3317
Ion Ratio	Lower Upper
75 100	
77 40.9	22.2 41.2

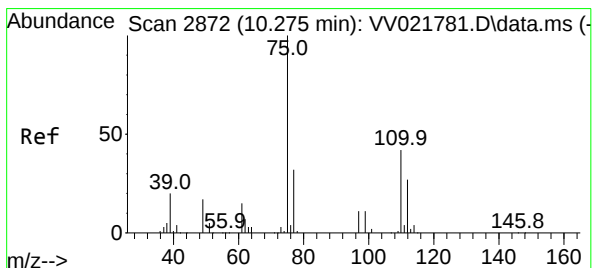
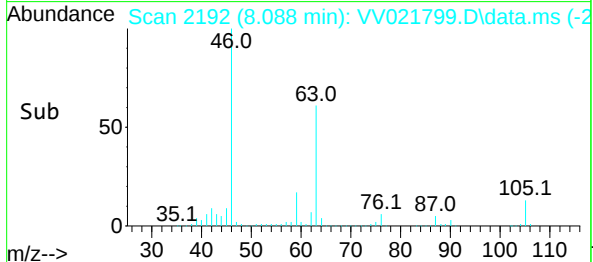
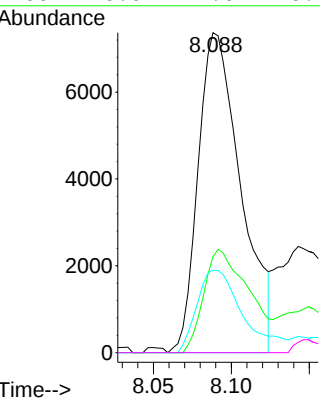
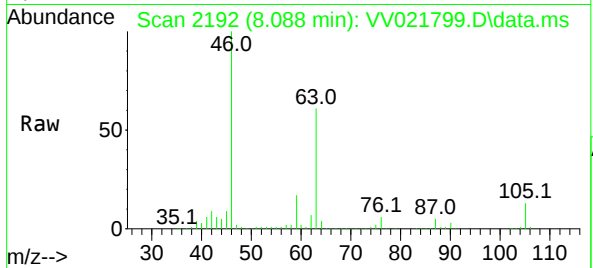




#48
2-Hexanone
Concen: 4.186 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. -0.051 min
Lab File: VV021799.D
Acq: 16 Aug 2021 18:29

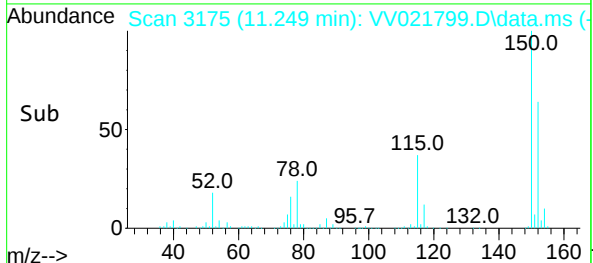
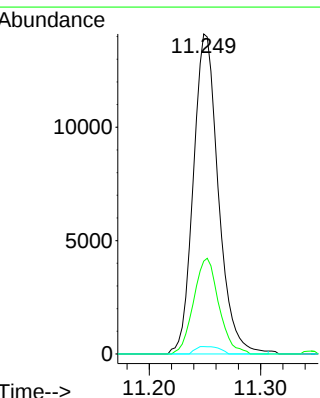
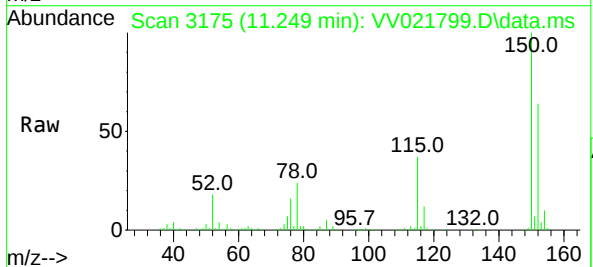
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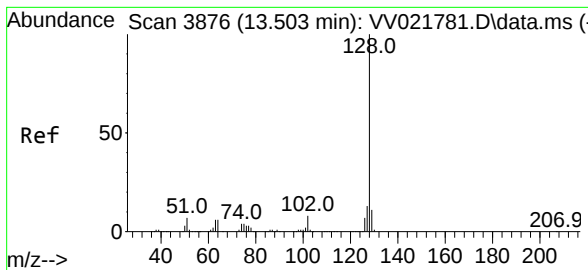
Tgt Ion: 43	Resp: 14090
Ion Ratio	Lower Upper
43 100	
58 34.5	45.4 68.2#
57 27.7	15.3 22.9#
100 0.0	11.0 16.6#



#61
1,2,3-Trichloropropane
Concen: 6.139 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV021799.D
Acq: 16 Aug 2021 18:29

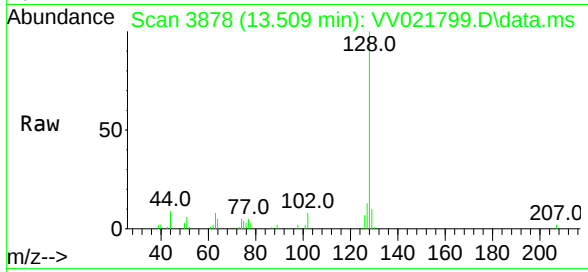
Tgt Ion: 75	Resp: 22056
Ion Ratio	Lower Upper
75 100	
77 30.1	25.5 38.3
110 2.2	33.4 50.2#





#71
Naphthalene
Concen: 1.440 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.006 min
Lab File: VV021799.D
Acq: 16 Aug 2021 18:29

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 16054
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 10.0 8.5 12.7

