

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081721\
 Data File : VV021835.D
 Acq On : 17 Aug 2021 23:47
 Operator : SY/MD
 Sample : M3399-18
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 18 03:38:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 18 03:33:12 2021
 Response via : Initial Calibration

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

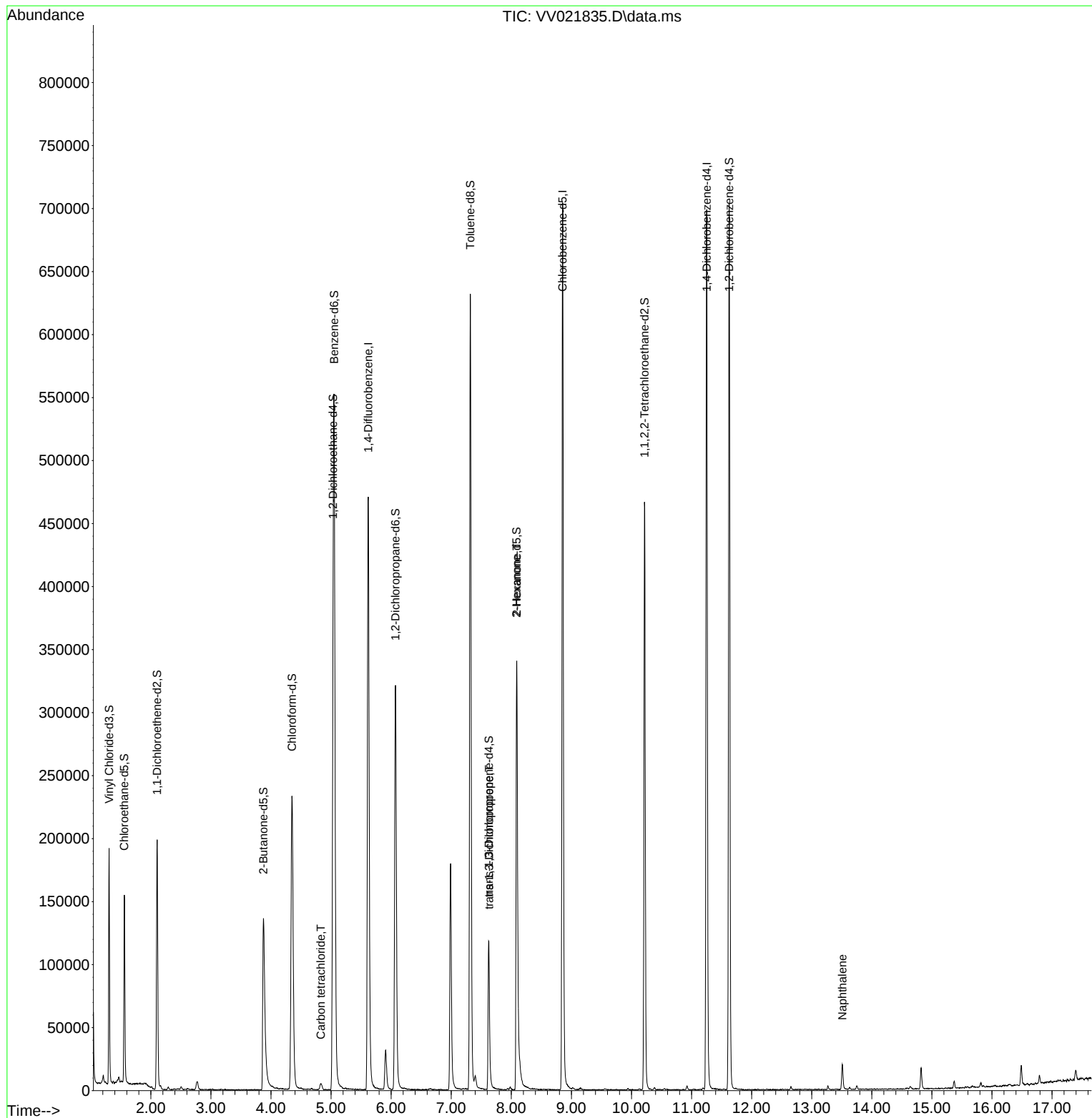
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	433183	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	402580	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	192656	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	116681	34.455	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.920%
7) Chloroethane-d5	1.558	69	99147	38.797	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.600%
11) 1,1-Dichloroethene-d2	2.105	63	98954	18.357	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	36.720%#
21) 2-Butanone-d5	3.873	46	217664	103.346	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.350%
24) Chloroform-d	4.349	84	249981	42.607	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.220%
26) 1,2-Dichloroethane-d4	5.034	65	155839	46.176	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.360%
32) Benzene-d6	5.050	84	492128	42.510	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.020%
36) 1,2-Dichloropropane-d6	6.072	67	162151	44.978	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.960%
41) Toluene-d8	7.317	98	426362	39.846	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.700%#
43) trans-1,3-Dichloroprop...	7.625	79	70092	39.505	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.020%
47) 2-Hexanone-d5	8.088	63	117585	99.515	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.520%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	221710	49.627	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.260%
66) 1,2-Dichlorobenzene-d4	11.625	152	188092	47.175	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.360%
Target Compounds						Qvalue
31) Carbon tetrachloride	4.828	117	3708	0.851	ug/L #	49
44) trans-1,3-Dichloropropene	7.629	75	2840	0.607	ug/L #	81
48) 2-Hexanone	8.092	43	13202	3.950	ug/L #	77
71) Naphthalene	13.509	128	17220	1.559	ug/L	98

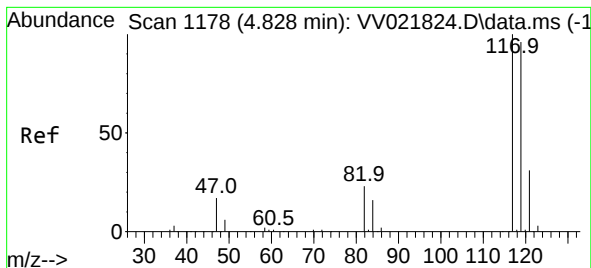
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#31

Carbon tetrachloride

Concen: 0.851 ug/L

RT: 4.828 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VV021835.D

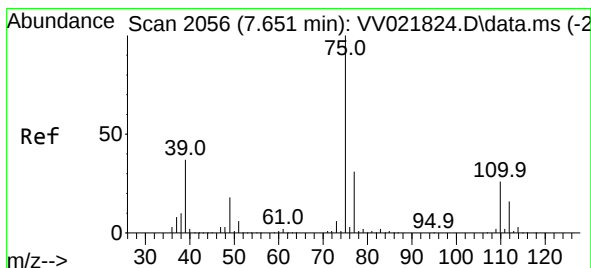
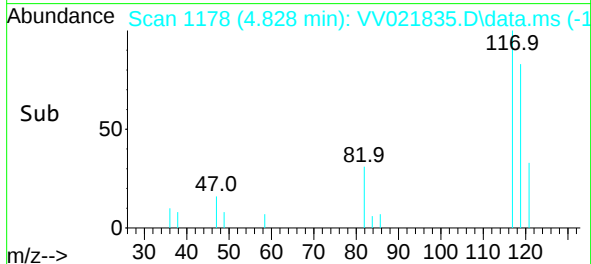
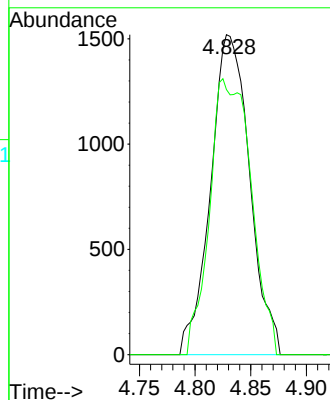
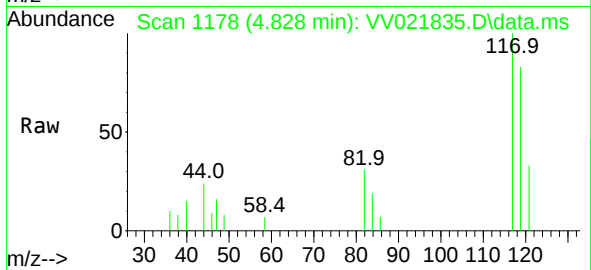
Acq: 17 Aug 2021 23:47

Tgt Ion: 117 Resp: 3708

Ion Ratio Lower Upper

117 100

119 46.8 77.1 115.7#



#44

trans-1,3-Dichloropropene

Concen: 0.607 ug/L

RT: 7.629 min Scan# 2049

Delta R.T. -0.022 min

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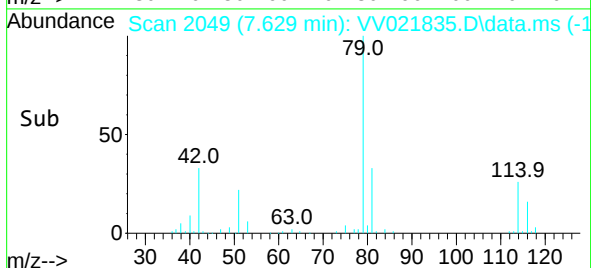
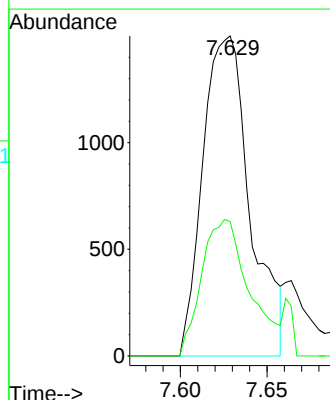
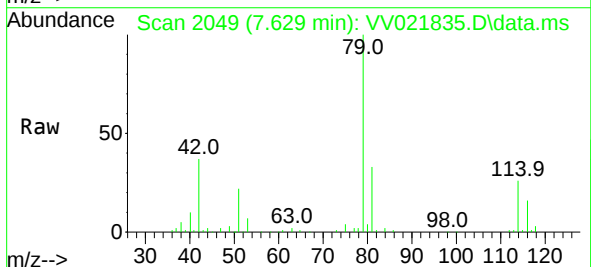
Acq: 17 Aug 2021 23:47

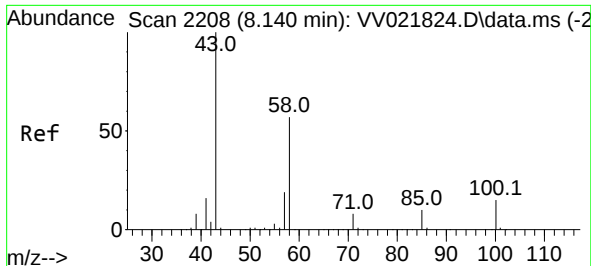
Tgt Ion: 75 Resp: 2840

Ion Ratio Lower Upper

75 100

77 42.0 22.2 41.2#

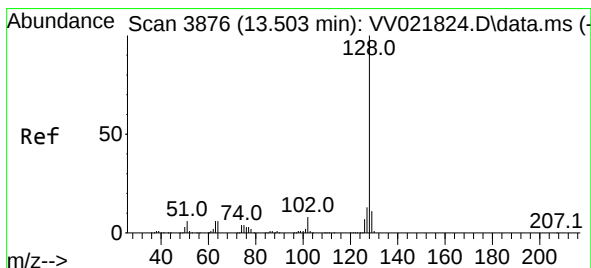
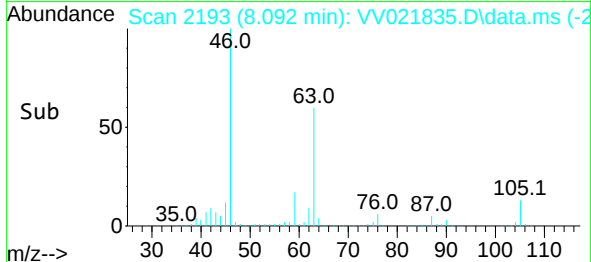
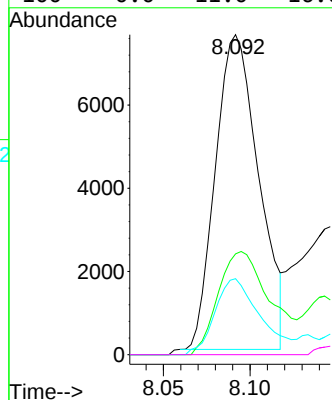
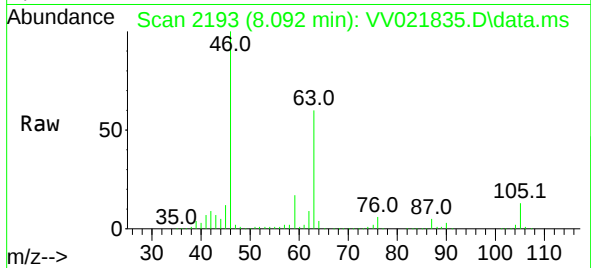




#48
2-Hexanone
Concen: 3.950 ug/L
RT: 8.092 min Scan# 2193
Delta R.T. -0.048 min
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Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43	Resp: 13202
Ion Ratio	Lower Upper
43 100	
58 39.7	45.4 68.2#
57 25.0	15.3 22.9#
100 0.0	11.0 16.6#



#71
Naphthalene
Concen: 1.559 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.007 min
Lab File: VV021835.D
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Tgt Ion: 128	Resp: 17220
Ion Ratio	Lower Upper
128 100	
127 13.6	10.0 15.0
129 10.3	8.5 12.7

