

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006965.D
 Acq On : 06 Dec 2021 16:57
 Operator : SY/MD
 Sample : M4887-10
 Misc : 5.03g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EX8A5

Quant Time: Dec 07 00:48:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120321SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 07 00:43:47 2021
 Response via : Initial Calibration

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

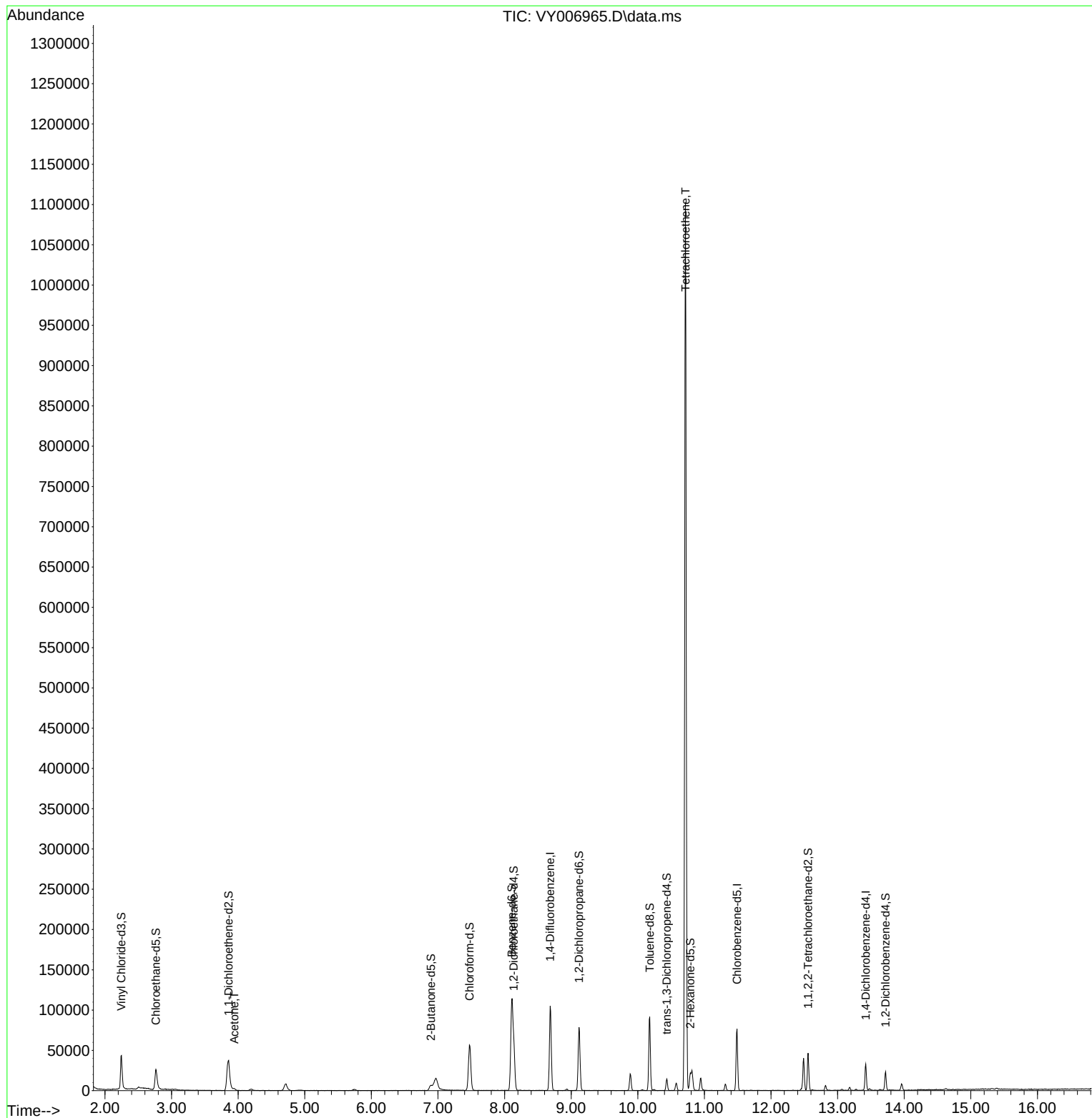
Internal Standards							
1) 1,4-Difluorobenzene		8.685	114	82104	25.000	ug/L	0.00
28) Chlorobenzene-d5		11.490	117	37103	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.422	152	7499	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.247	65	44881	42.443	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 169.760%#		
7) Chloroethane-d5		2.765	69	30359	36.599	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 146.400%		
11) 1,1-Dichloroethene-d2		3.857	63	42535	19.349	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 77.400%		
21) 2-Butanone-d5		6.893	46	10248	25.092	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 50.180%		
24) Chloroform-d		7.472	84	56772	27.746	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 111.000%		
26) 1,2-Dichloroethane-d4		8.136	65	37487	30.522	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 122.080%		
32) Benzene-d6		8.106	84	101094	51.294	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 205.160%#		
36) 1,2-Dichloropropane-d6		9.118	67	35836	57.870	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 231.480%#		
41) Toluene-d8		10.179	98	56598	30.661	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 122.640%		
43) trans-1,3-Dichloroprop...		10.435	79	7074	23.618	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 94.480%		
47) 2-Hexanone-d5		10.788	63	5748	40.106	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 80.220%		
56) 1,1,2,2-Tetrachloroeth...		12.556	84	21641	41.947	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 167.800%#		
66) 1,2-Dichlorobenzene-d4		13.721	152	5149	21.055	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 84.240%		
Target Compounds							Qvalue
13) Acetone		3.942	43	3844	10.270	ug/L	80
46) Tetrachloroethene		10.715	164	208650	405.331	ug/L	96

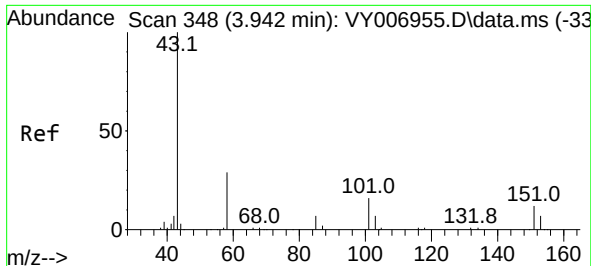
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.270 ug/L

RT: 3.942 min Scan# 34

Delta R.T. 0.000 min

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Instrument :

MSVOA_Y

ClientSampleId :

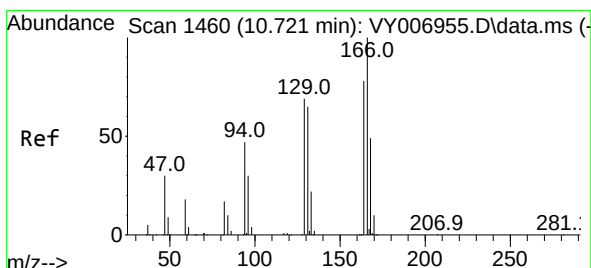
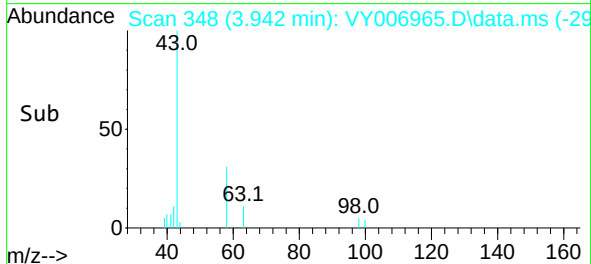
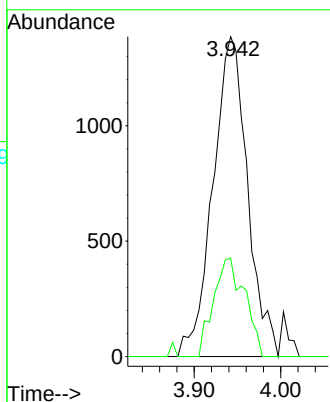
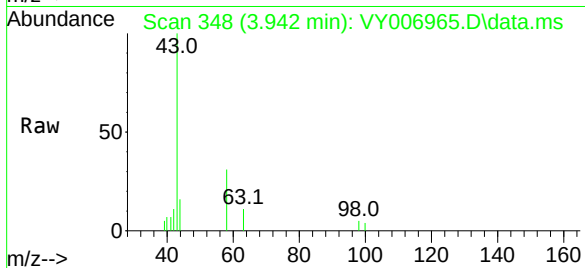
EX8A5

Tgt Ion: 43 Resp: 3844

Ion Ratio Lower Upper

43 100

58 19.5 0.0 60.8



#46

Tetrachloroethene

Concen: 405.331 ug/L

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

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Acq: 06 Dec 2021 16:57

Tgt Ion:164 Resp: 208650

Ion Ratio Lower Upper

164 100

129 93.9 62.1 115.3

131 87.5 61.0 113.2

166 123.3 90.4 168.0

