

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006964.D
 Acq On : 06 Dec 2021 16:35
 Operator : SY/MD
 Sample : M4887-07
 Misc : 5.80g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EX8A4

Quant Time: Dec 07 00:47:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120321SMA.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)

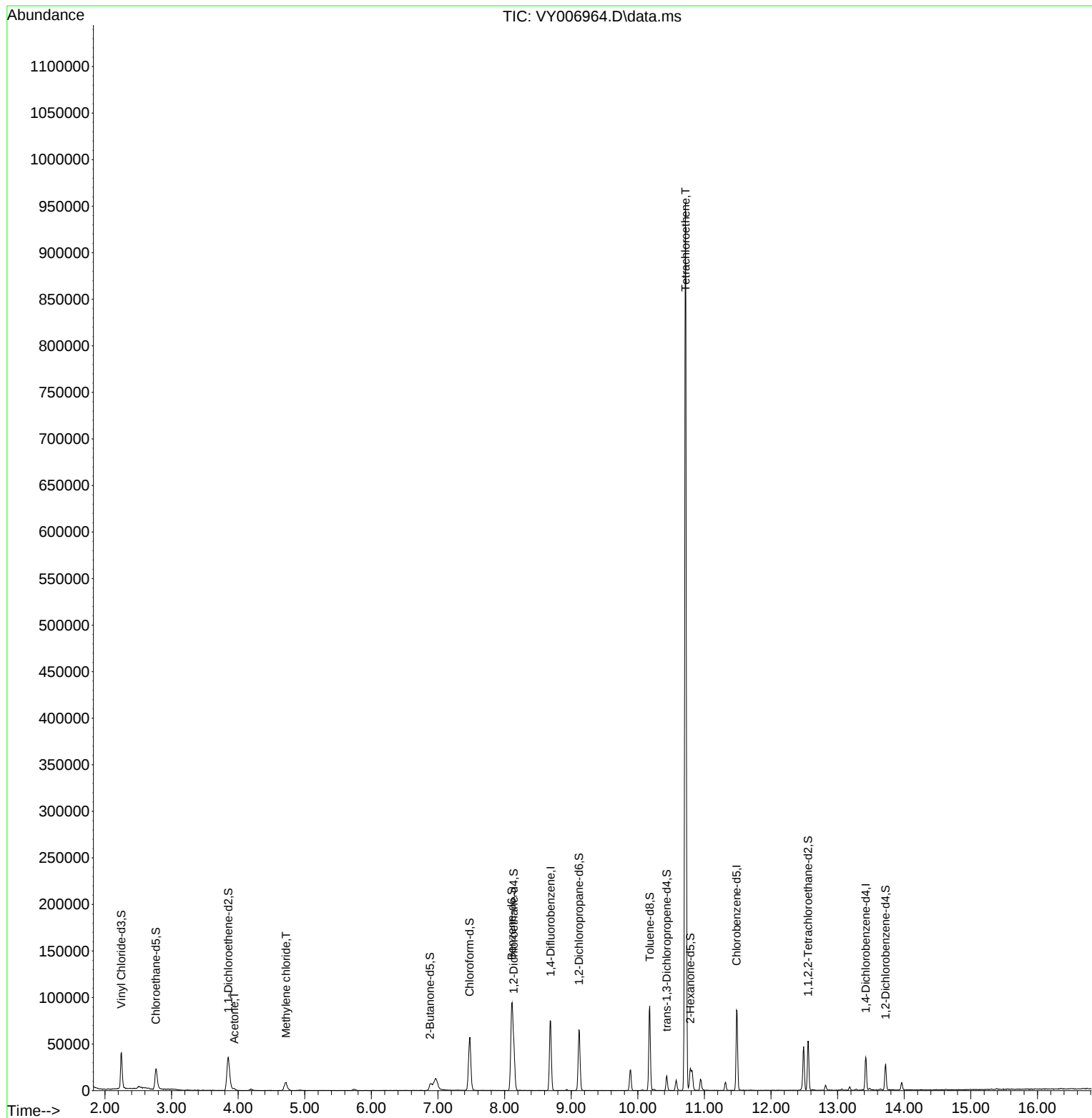
Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	58963	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.483	117	43636	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	9022	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	41662	54.862	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 219.440%#		
7) Chloroethane-d5	2.765	69	28399	47.673	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 190.680%#		
11) 1,1-Dichloroethene-d2	3.851	63	39582	25.072	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	= 100.280%		
21) 2-Butanone-d5	6.880	46	11918	40.633	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 81.260%		
24) Chloroform-d	7.472	84	55751	37.940	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	= 151.760%#		
26) 1,2-Dichloroethane-d4	8.136	65	29892	33.890	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	= 135.560%#		
32) Benzene-d6	8.106	84	80911	34.907	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	= 139.640%#		
36) 1,2-Dichloropropane-d6	9.118	67	30298	41.602	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 166.400%#		
41) Toluene-d8	10.179	98	54901	25.289	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	= 101.160%		
43) trans-1,3-Dichloroprop...	10.435	79	8223	23.344	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	= 93.360%		
47) 2-Hexanone-d5	10.788	63	6071	36.018	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 72.040%		
56) 1,1,2,2-Tetrachloroeth...	12.556	84	25577	42.154	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 168.600%#		
66) 1,2-Dichlorobenzene-d4	13.721	152	6516	22.147	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 88.600%		
Target Compounds						Qvalue
13) Acetone	3.942	43	3473	12.920	ug/L	74
16) Methylene chloride	4.716	84	5655	5.348	ug/L	89
46) Tetrachloroethene	10.715	164	181709	300.146	ug/L	95

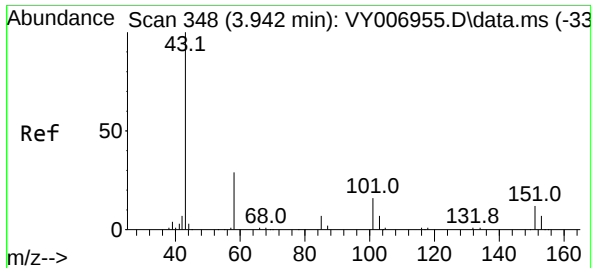
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.920 ug/L

RT: 3.942 min Scan# 348

Delta R.T. -0.000 min

Lab File: VY006964.D

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MSVOA_Y

ClientSampleId :

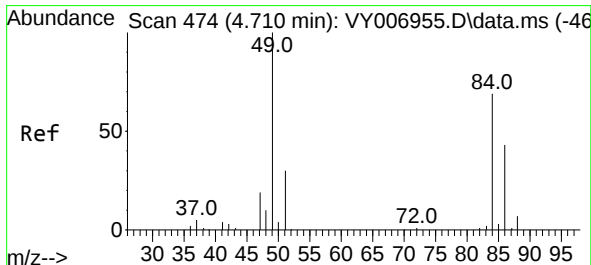
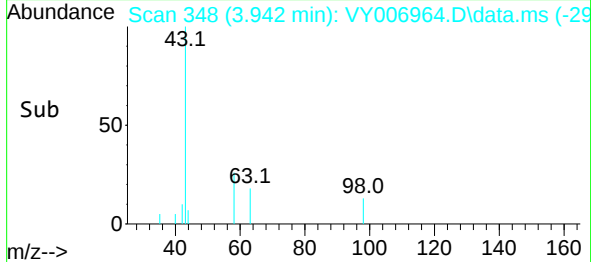
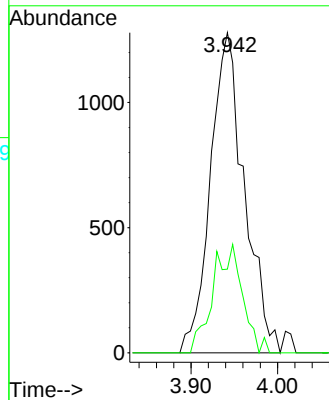
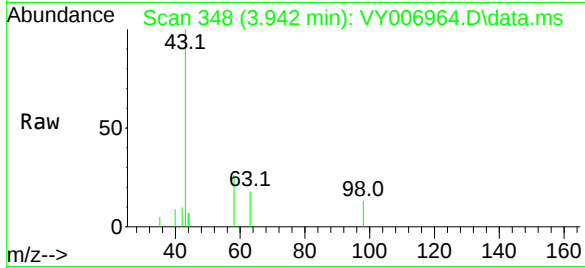
EX8A4

Tgt Ion: 43 Resp: 3473

Ion Ratio Lower Upper

43 100

58 16.0 0.0 60.8



#16

Methylene chloride

Concen: 5.348 ug/L

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

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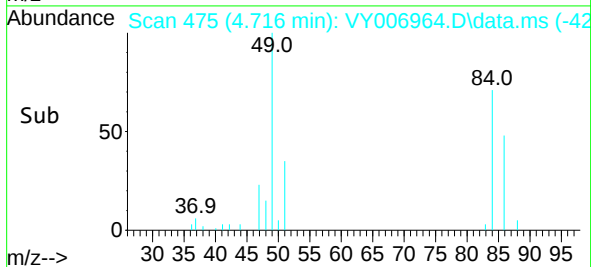
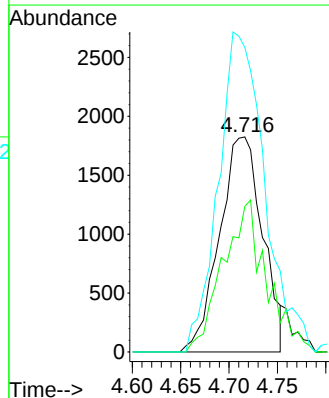
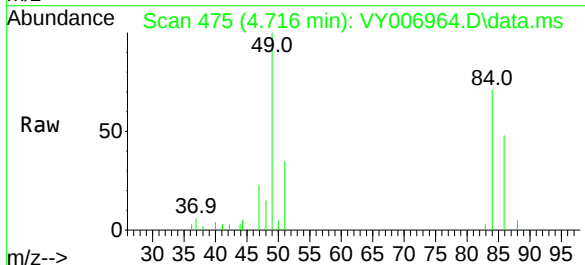
Tgt Ion: 84 Resp: 5655

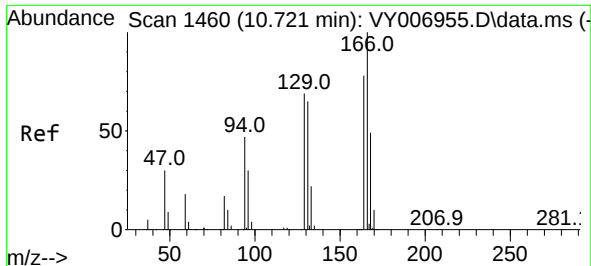
Ion Ratio Lower Upper

84 100

86 67.7 43.4 80.6

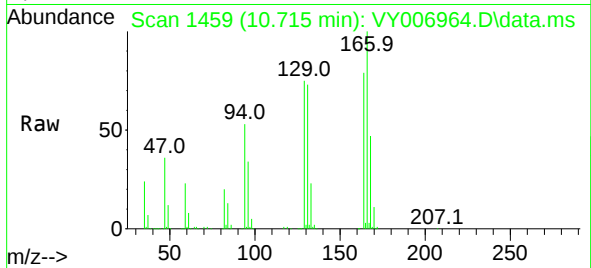
49 141.6 89.1 165.5





#46
 Tetrachloroethene
 Concen: 300.146 ug/L
 RT: 10.715 min Scan# 14
 Delta R.T. -0.006 min
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Tgt Ion:	164	Resp:	181709
Ion	Ratio	Lower	Upper
164	100		
129	95.2	62.1	115.3
131	91.7	61.0	113.2
166	126.1	90.4	168.0

