

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
 Data File : VY006942.D
 Acq On : 04 Dec 2021 15:26
 Operator : SY/MD
 Sample : M4884-12
 Misc : 4.16g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EW9J8

Quant Time: Dec 05 06:08:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120321SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 04 02:26:29 2021
 Response via : Initial Calibration

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

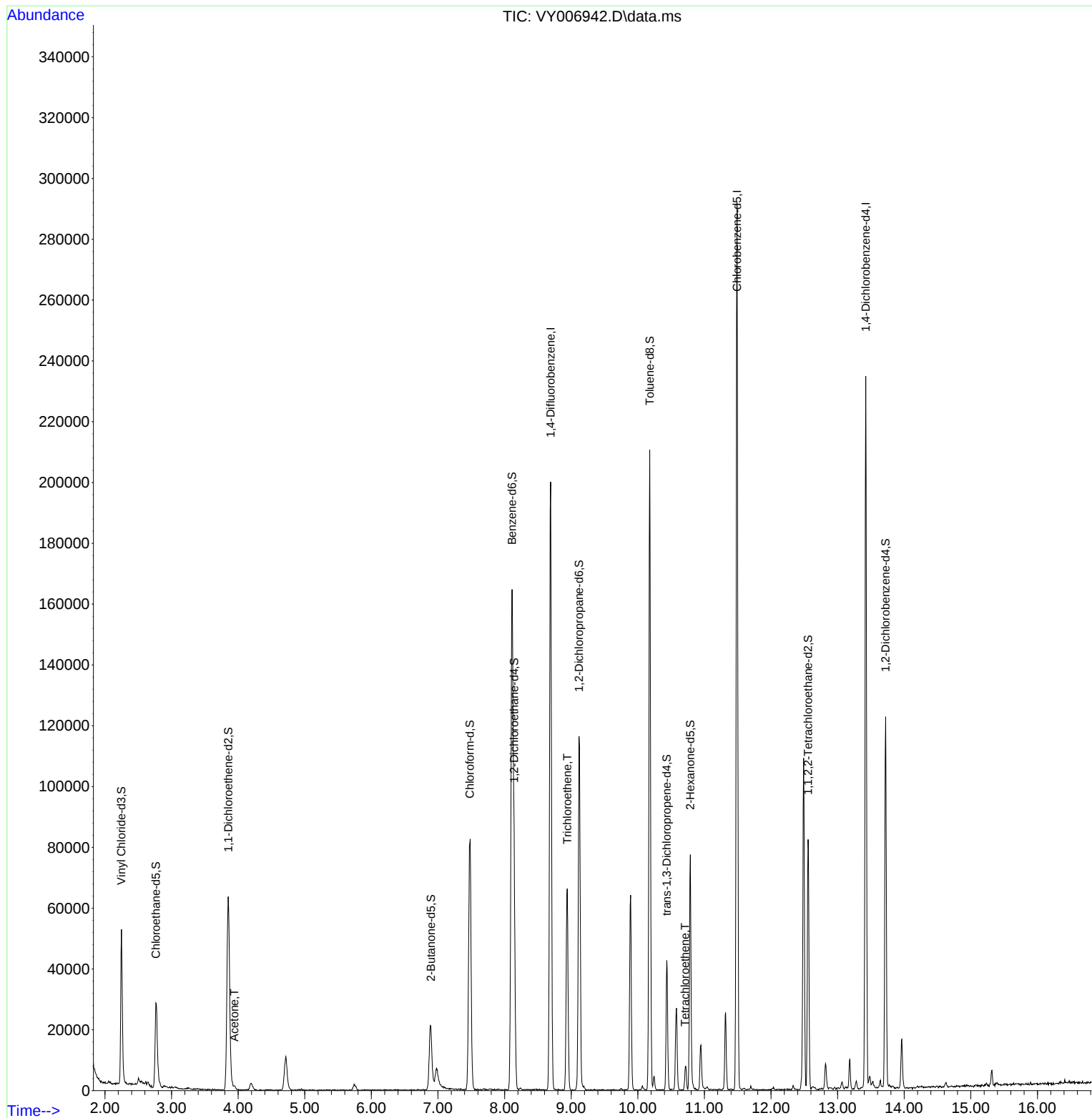
Internal Standards							
1) 1,4-Difluorobenzene		8.691	114	158253	25.000	ug/L	0.00
28) Chlorobenzene-d5		11.489	117	144031	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.422	152	56212	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.247	65	51238	25.139	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.560%	
7) Chloroethane-d5		2.765	69	35105	21.956	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.840%	
11) 1,1-Dichloroethene-d2		3.851	63	65617	15.486	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.960%	
21) 2-Butanone-d5		6.893	46	39429	50.086	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.180%	
24) Chloroform-d		7.478	84	81839	20.751	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.000%	
26) 1,2-Dichloroethane-d4		8.142	65	51538	21.771	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.080%	
32) Benzene-d6		8.112	84	150033	19.610	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.440%	
36) 1,2-Dichloropropane-d6		9.118	67	53224	22.141	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.560%	
41) Toluene-d8		10.179	98	126276	17.622	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.480%	
43) trans-1,3-Dichloroprop...		10.435	79	21536	18.522	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.080%	
47) 2-Hexanone-d5		10.788	63	23953	43.053	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.100%	
56) 1,1,2,2-Tetrachloroeth...		12.556	84	39348	19.647	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.600%	
66) 1,2-Dichlorobenzene-d4		13.721	152	28705	15.659	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	62.640%#	
Target Compounds							
13) Acetone		3.942	43	1882	2.609	ug/L	83
34) Trichloroethene		8.941	95	21568	9.043	ug/L	91
46) Tetrachloroethene		10.709	164	1701	0.851	ug/L #	71

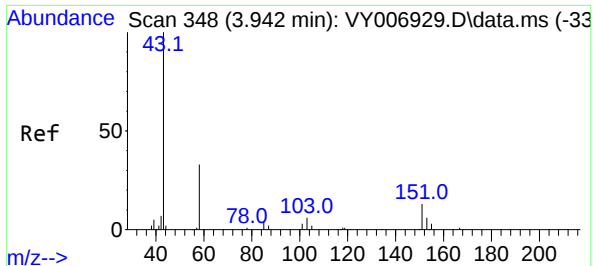
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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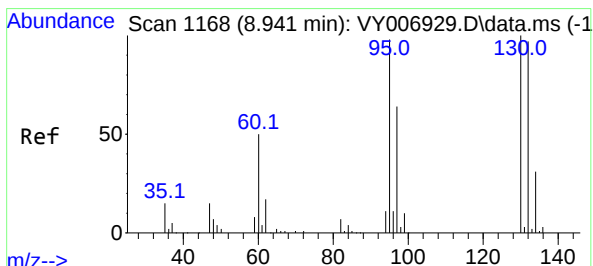
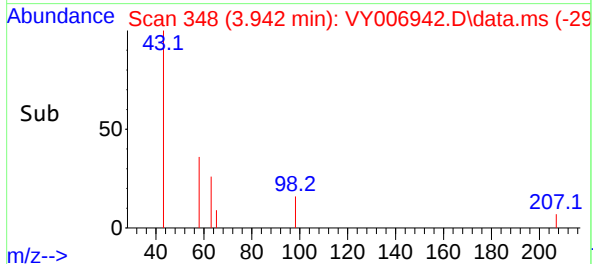
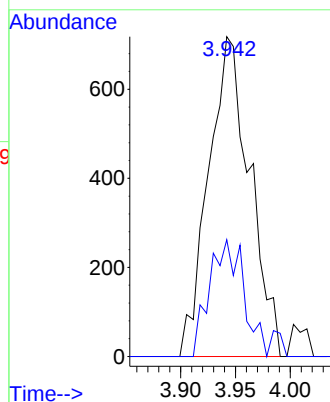
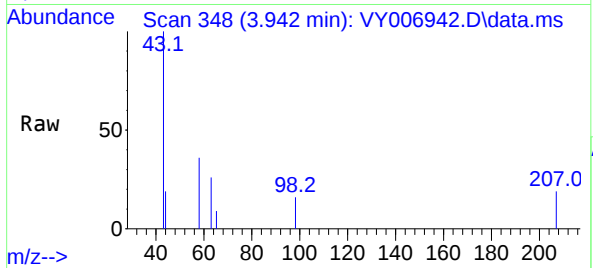




#13
Acetone
Concen: 2.609 ug/L
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY006942.D
Acq: 04 Dec 2021 15:26

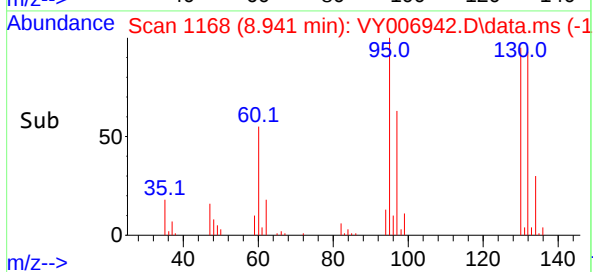
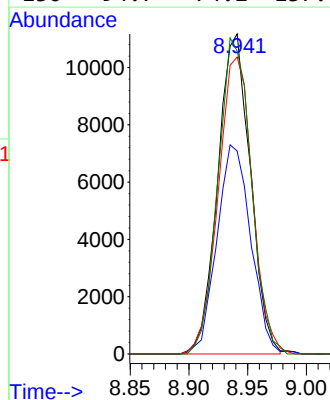
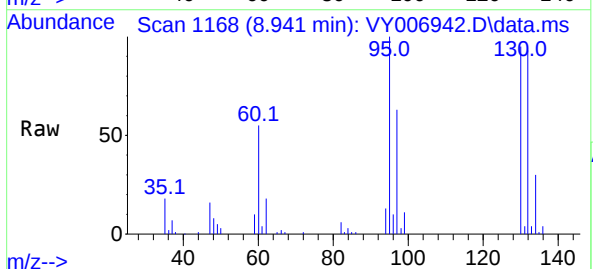
Instrument :
MSVOA_Y
ClientSampleId :
EW9J8

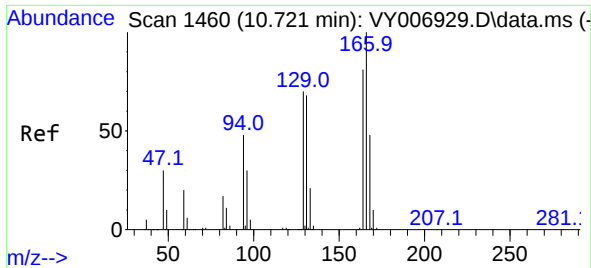
Tgt Ion: 43 Resp: 1882
Ion Ratio Lower Upper
43 100
58 21.3 0.0 60.8



#34
Trichloroethene
Concen: 9.043 ug/L
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY006942.D
Acq: 04 Dec 2021 15:26

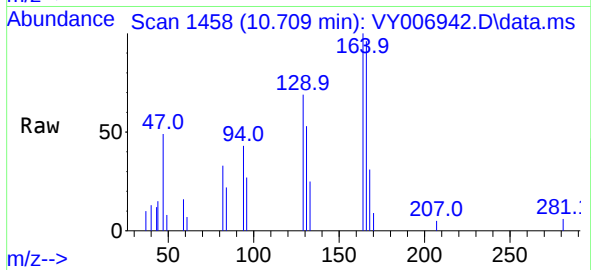
Tgt Ion: 95 Resp: 21568
Ion Ratio Lower Upper
95 100
97 63.4 47.3 87.8
132 92.8 71.3 132.5
130 94.7 74.2 137.8





#46
 Tetrachloroethene
 Concen: 0.851 ug/L
 RT: 10.709 min Scan# 14
 Delta R.T. -0.012 min
 Lab File: VY006942.D
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Tgt Ion:164 Resp: 1701

Ion	Ratio	Lower	Upper
164	100		
129	69.2	62.1	115.3
131	53.4	61.0	113.2#
166	96.0	90.4	168.0

