

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)

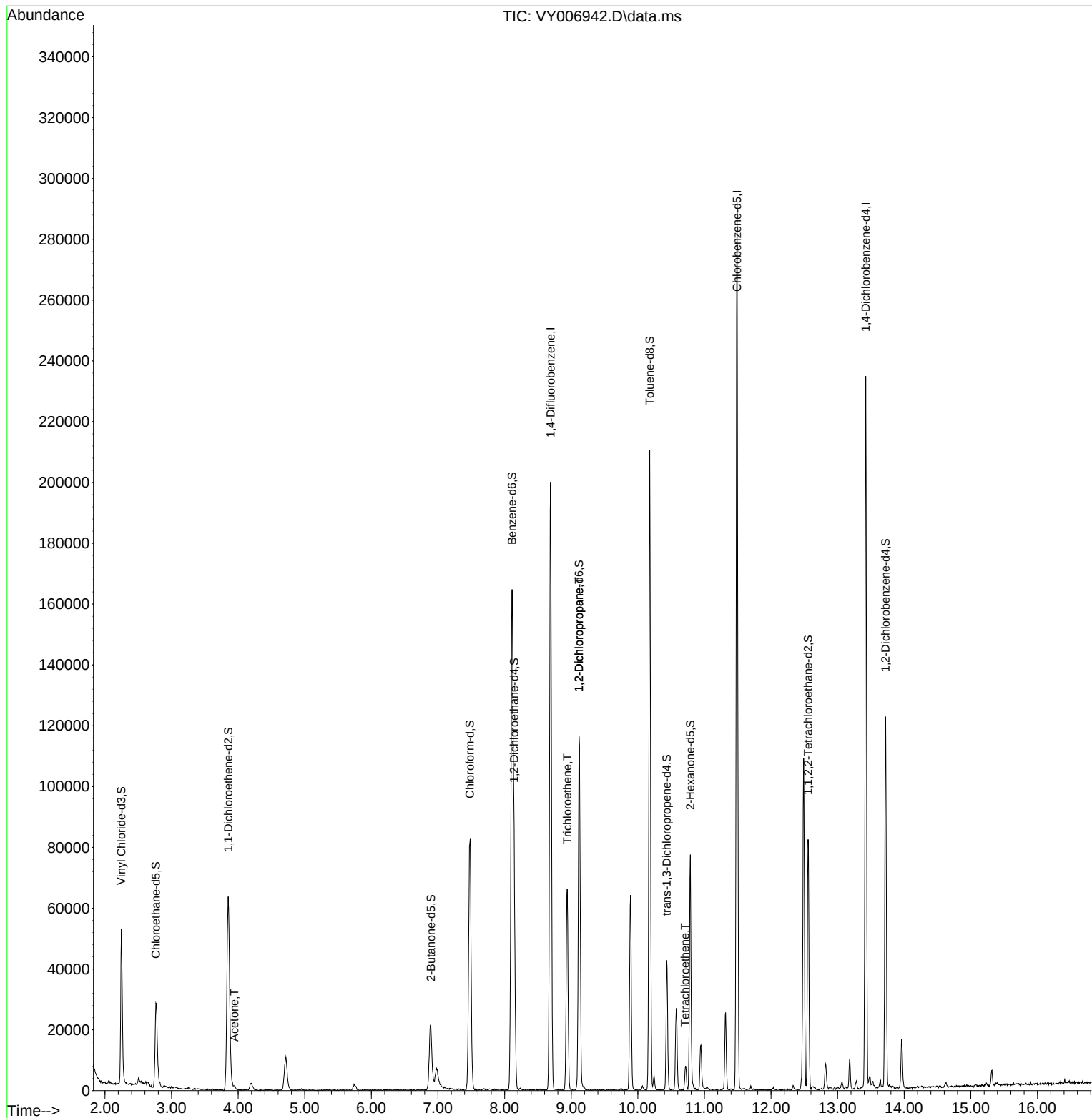
Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	158253	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	144031	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	56212	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	51238	25.139	ug/L	0.00
Spiked Amount	25.000	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					Qvalue	
13) Acetone	3.942	43	1882	2.609	ug/L	83
34) Trichloroethene	8.941	95	21568	9.043	ug/L	91
37) 1,2-Dichloropropane	9.118	63	6050	2.437	ug/L #	87
46) Tetrachloroethene	10.709	164	1701	0.851	ug/L #	71

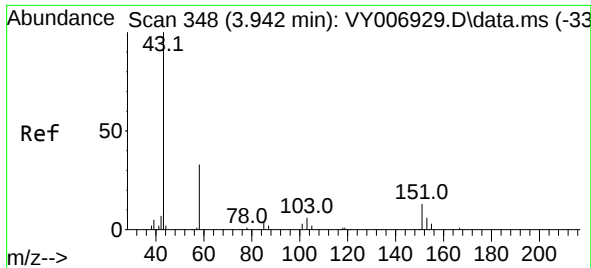
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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\SFAMYL120321SMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 04 02:26:29 2021
Response via : Initial Calibration





#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 :

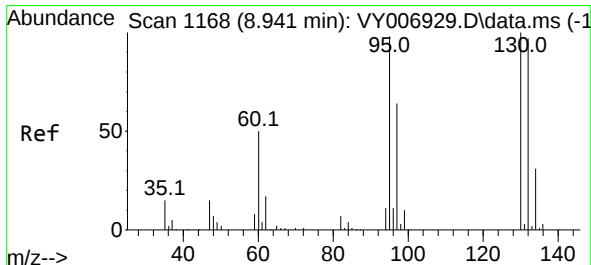
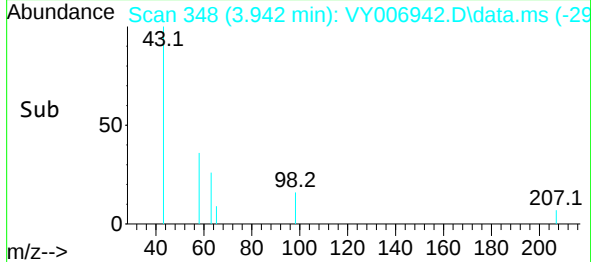
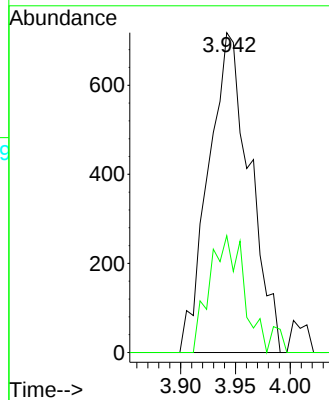
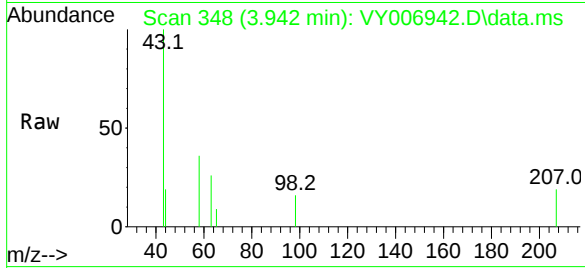
EW9J8

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

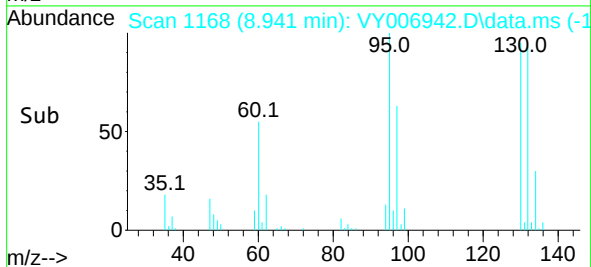
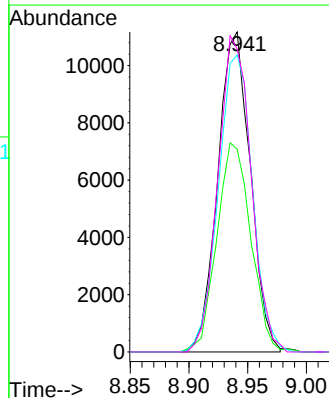
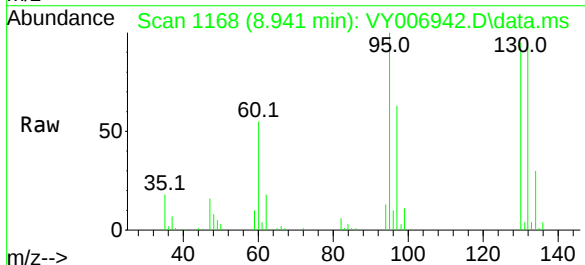
Ion Ratio Lower Upper

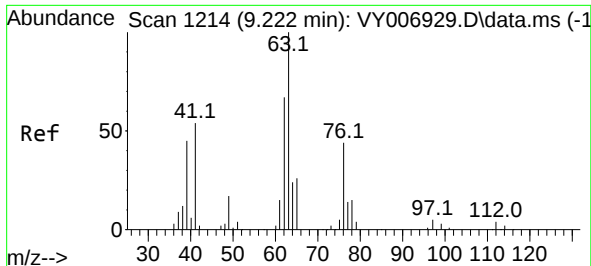
95 100

97 63.4 47.3 87.8

132 92.8 71.3 132.5

130 94.7 74.2 137.8





#37

1,2-Dichloropropane

Concen: 2.437 ug/L

RT: 9.118 min Scan# 11

Delta R.T. -0.098 min

Lab File: VY006942.D

Acq: 04 Dec 2021 15:26

Instrument :

MSVOA_Y

ClientSampleId :

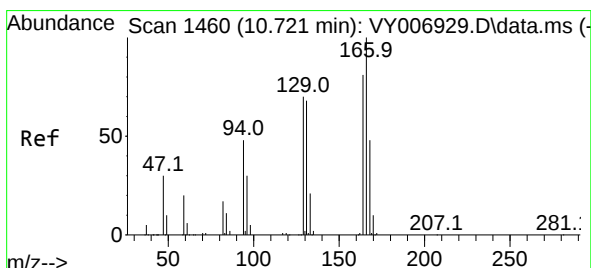
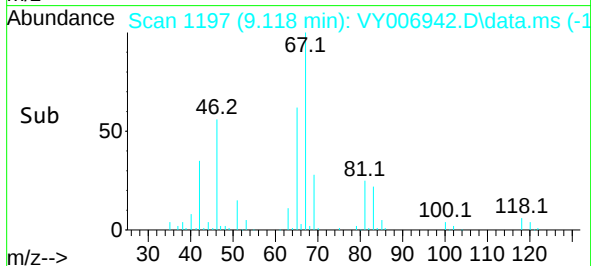
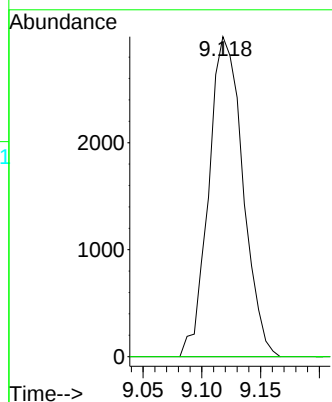
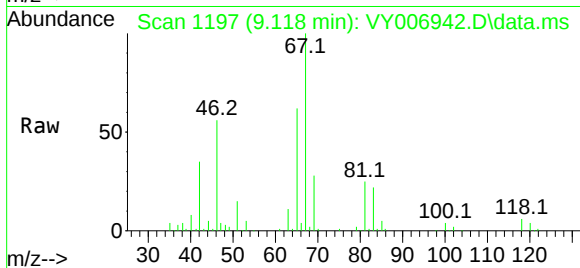
EW9J8

Tgt Ion: 63 Resp: 6050

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#46

Tetrachloroethene

Concen: 0.851 ug/L

RT: 10.709 min Scan# 1458

Delta R.T. -0.012 min

Lab File: VY006942.D

Acq: 04 Dec 2021 15:26

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

