

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120721\
 Data File : VY007008.D
 Acq On : 07 Dec 2021 19:50
 Operator : SY/MD
 Sample : M4887-22
 Misc : 2.65g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EX8D4

Quant Time: Dec 08 02:59:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120721SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 08 02:54:31 2021
 Response via : Initial Calibration

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

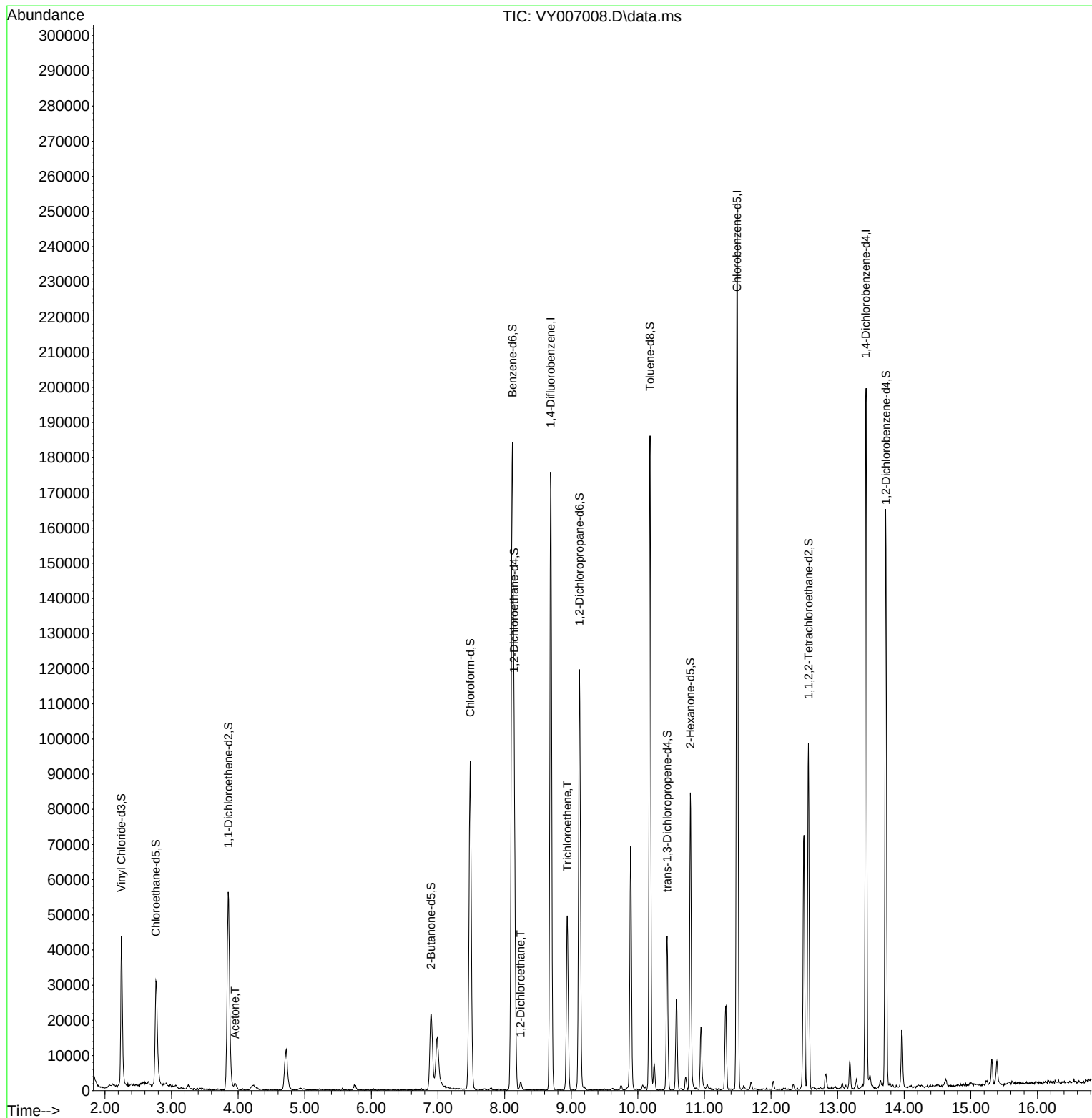
Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	138023	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	126436	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	50592	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	43071	13.881	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.520%
7) Chloroethane-d5	2.765	69	37300	15.722	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.880%
11) 1,1-Dichloroethene-d2	3.851	63	54016	11.281	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	45.120%
21) 2-Butanone-d5	6.893	46	41873	46.588	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.180%
24) Chloroform-d	7.484	84	87446	19.982	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.920%
26) 1,2-Dichloroethane-d4	8.142	65	52180	19.918	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.680%
32) Benzene-d6	8.118	84	144877	17.529	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	70.120%
36) 1,2-Dichloropropane-d6	9.124	67	54691	19.626	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.520%
41) Toluene-d8	10.185	98	116977	15.333	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	61.320%
43) trans-1,3-Dichloroprop...	10.441	79	23469	18.196	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.800%
47) 2-Hexanone-d5	10.788	63	26902	42.005	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.020%
56) 1,1,2,2-Tetrachloroeth...	12.562	84	46521	19.503	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.000%
66) 1,2-Dichlorobenzene-d4	13.727	152	38592	19.841	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.360%
Target Compounds						
					Qvalue	
13) Acetone	3.954	43	3148	4.055	ug/L	76
27) 1,2-Dichloroethane	8.240	62	2021	0.653	ug/L #	92
34) Trichloroethene	8.941	95	16033	7.077	ug/L	94

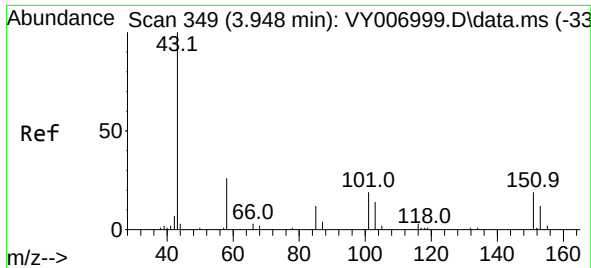
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.055 ug/L

RT: 3.954 min Scan# 3148

Delta R.T. 0.006 min

Lab File: VY007008.D

Acq: 07 Dec 2021 19:50

Instrument :

MSVOA_Y

ClientSampleId :

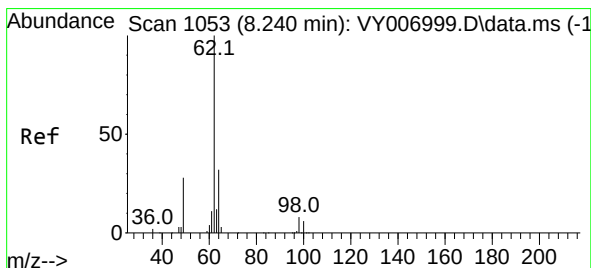
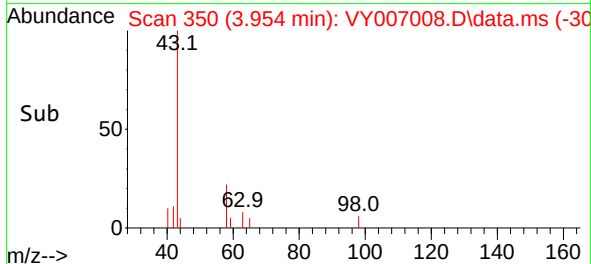
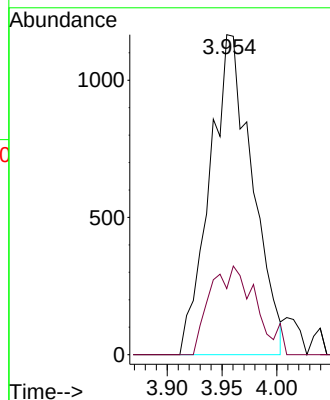
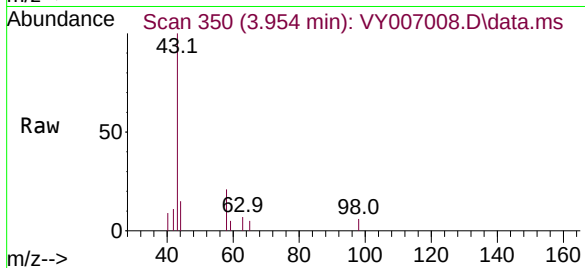
EX8D4

Tgt Ion: 43 Resp: 3148

Ion Ratio Lower Upper

43 100

58 15.7 0.0 56.4



#27

1,2-Dichloroethane

Concen: 0.653 ug/L

RT: 8.240 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VY007008.D

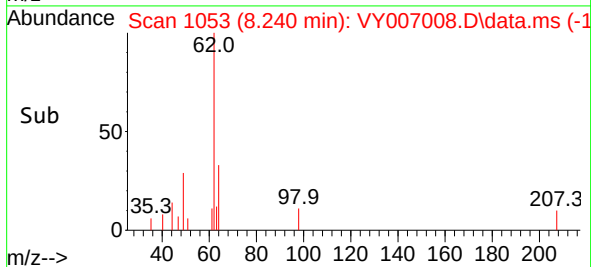
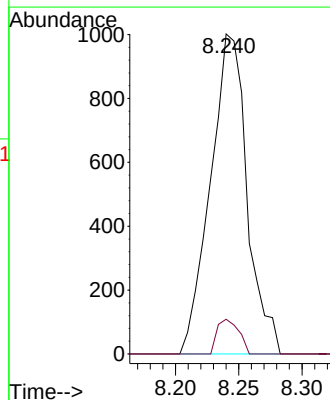
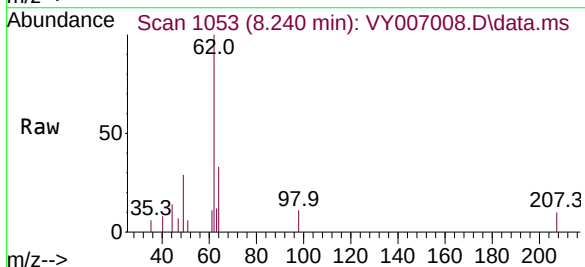
Acq: 07 Dec 2021 19:50

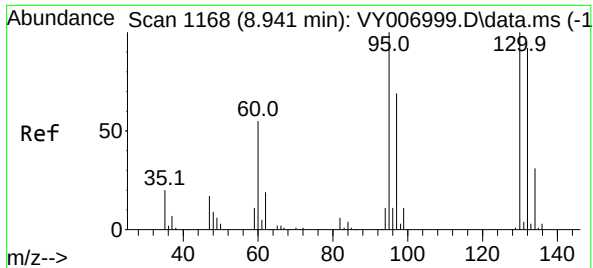
Tgt Ion: 62 Resp: 2021

Ion Ratio Lower Upper

62 100

98 10.9 6.6 9.8#





#34
 Trichloroethene
 Concen: 7.077 ug/L
 RT: 8.941 min Scan# 1168
 Delta R.T. -0.000 min
 Lab File: VY007008.D
 Acq: 07 Dec 2021 19:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 EX8D4

Tgt Ion: 95 Resp: 16033

Ion	Ratio	Lower	Upper
95	100		
97	62.7	46.4	86.2
132	92.6	63.0	117.0
130	105.5	66.7	123.9

