

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006985.D
 Acq On : 07 Dec 2021 02:06
 Operator : SY/MD
 Sample : M4884-10
 Misc : 5.09g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 07 04:15:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120321SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 07 04:00:28 2021
 Response via : Initial Calibration

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

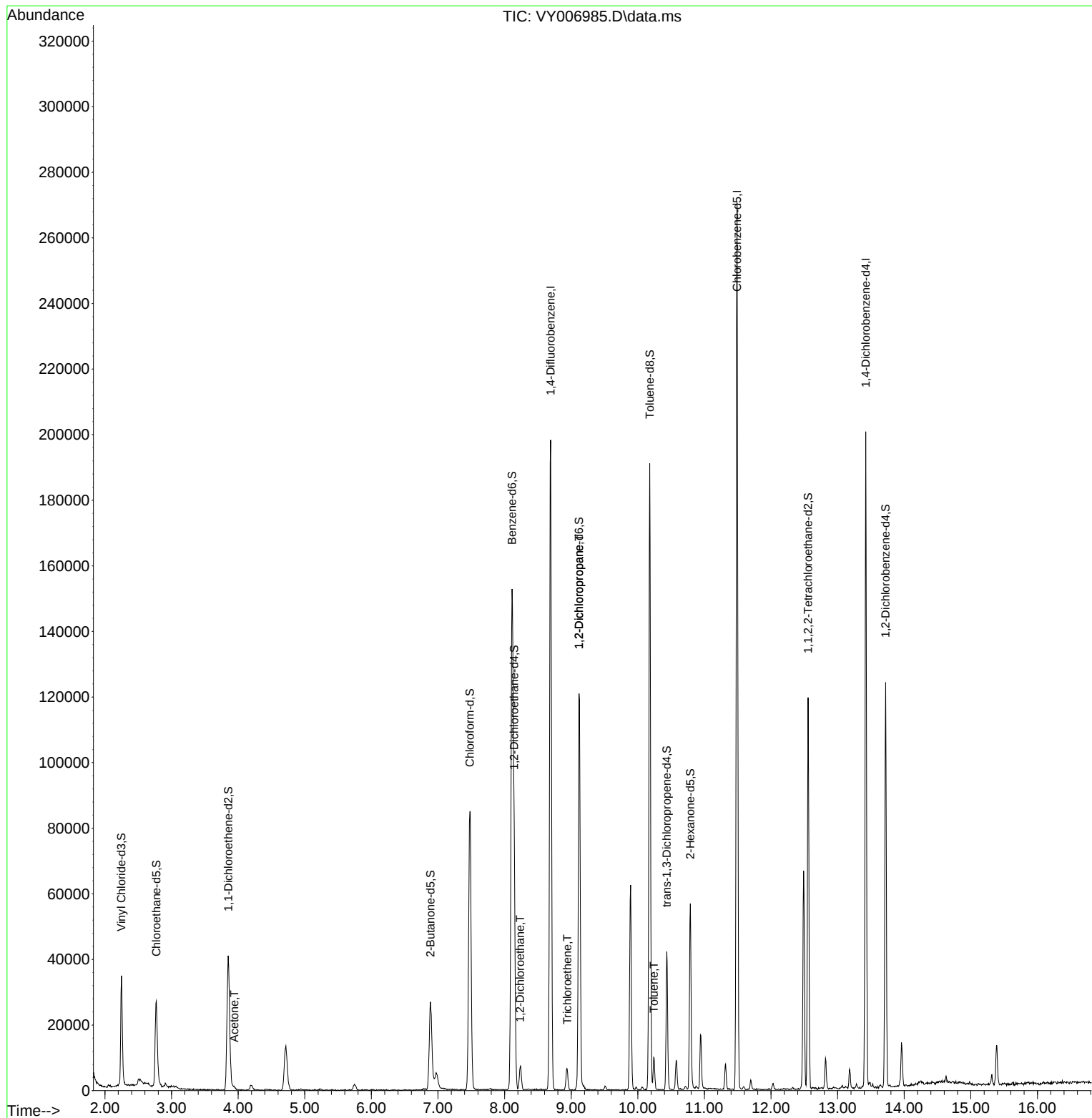
Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	153391	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	132664	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	43712	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	35139	17.787	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.160%
7) Chloroethane-d5	2.772	69	32153	20.748	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.000%
11) 1,1-Dichloroethene-d2	3.851	63	41512	10.108	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	40.440%#
21) 2-Butanone-d5	6.887	46	48640	63.746	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.500%
24) Chloroform-d	7.478	84	84350	22.066	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.280%
26) 1,2-Dichloroethane-d4	8.143	65	54263	23.649	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	8.112	84	144953	20.569	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.280%
36) 1,2-Dichloropropane-d6	9.118	67	55864	25.230	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.920%
41) Toluene-d8	10.179	98	115841	17.551	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.200%
43) trans-1,3-Dichloroprop...	10.435	79	21075	19.679	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.720%
47) 2-Hexanone-d5	10.788	63	17797	34.729	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.460%
56) 1,1,2,2-Tetrachloroeth...	12.556	84	53091	28.781	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.120%
66) 1,2-Dichlorobenzene-d4	13.721	152	27088	19.003	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.000%
Target Compounds						
					Qvalue	
13) Acetone	3.942	43	1240	1.773	ug/L	66
27) 1,2-Dichloroethane	8.234	62	6350	2.089	ug/L	99
34) Trichloroethene	8.941	95	1880	0.856	ug/L	87
37) 1,2-Dichloropropane	9.118	63	6014	2.630	ug/L #	87
42) Toluene	10.240	91	6548	0.688	ug/L	98

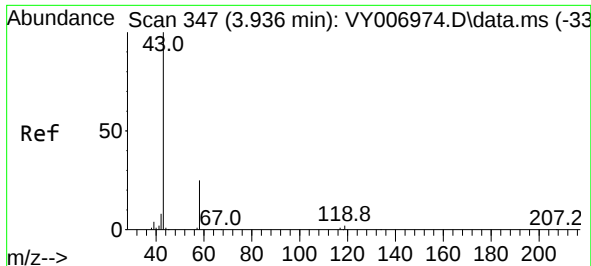
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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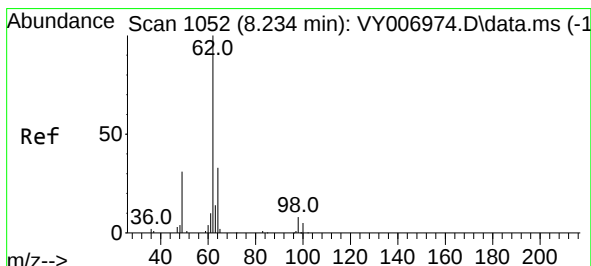
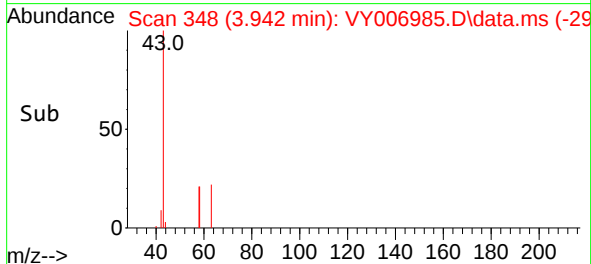
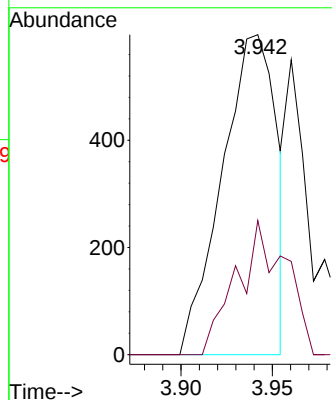
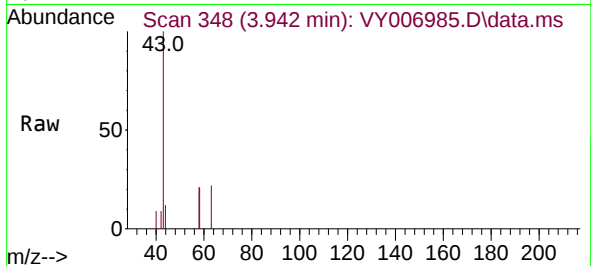




#13
Acetone
Concen: 1.773 ug/L
RT: 3.942 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY006985.D
Acq: 07 Dec 2021 02:06

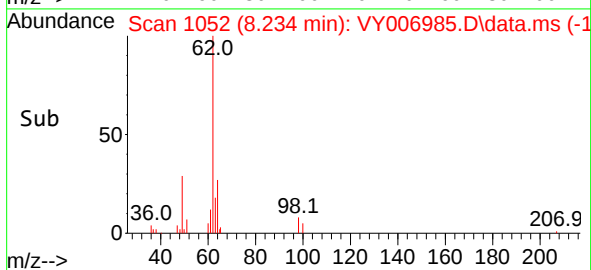
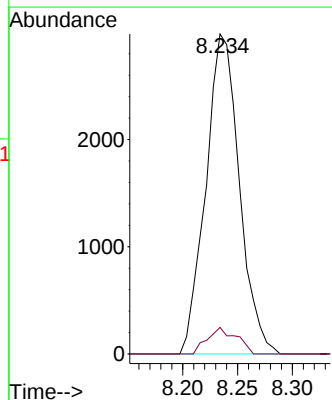
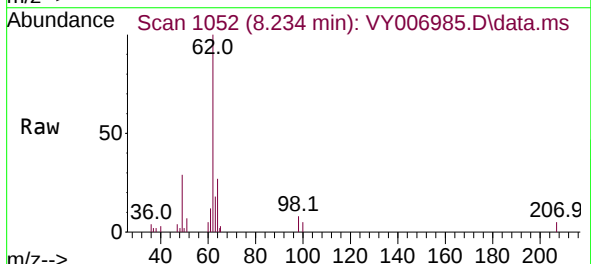
Instrument :
MSVOA_Y
ClientSampleId :

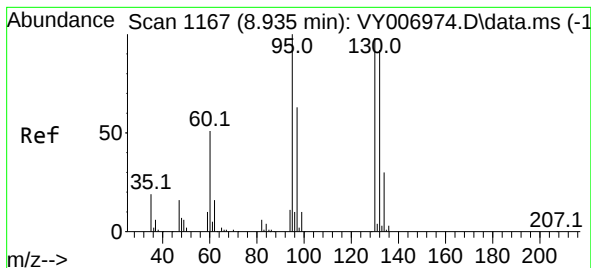
Tgt Ion: 43 Resp: 1240
Ion Ratio Lower Upper
43 100
58 11.9 0.0 60.8



#27
1,2-Dichloroethane
Concen: 2.089 ug/L
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY006985.D
Acq: 07 Dec 2021 02:06

Tgt Ion: 62 Resp: 6350
Ion Ratio Lower Upper
62 100
98 8.3 6.9 10.3





#34

Trichloroethene

Concen: 0.856 ug/L

RT: 8.941 min Scan# 1167

Delta R.T. 0.006 min

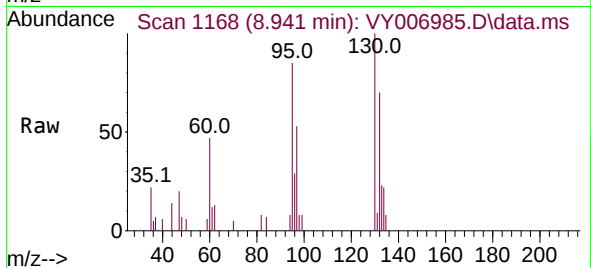
Lab File: VY006985.D

Acq: 07 Dec 2021 02:06

Instrument :

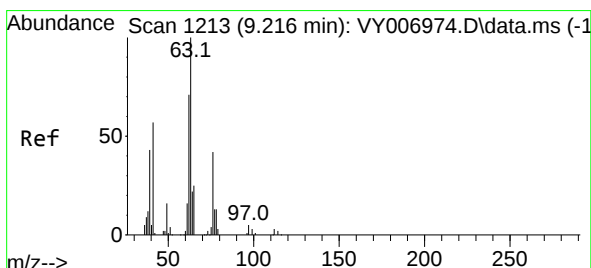
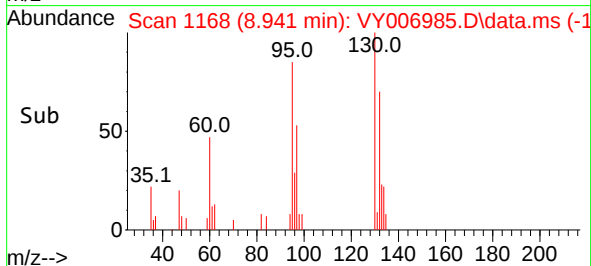
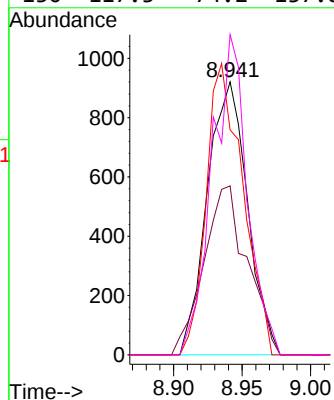
MSVOA_Y

ClientSampleId :



Tgt Ion: 95 Resp: 1880

Ion	Ratio	Lower	Upper
95	100		
97	61.9	47.3	87.8
132	82.4	71.3	132.5
130	117.3	74.2	137.8



#37

1,2-Dichloropropane

Concen: 2.630 ug/L

RT: 9.118 min Scan# 1197

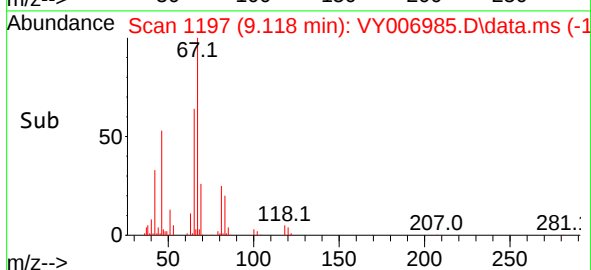
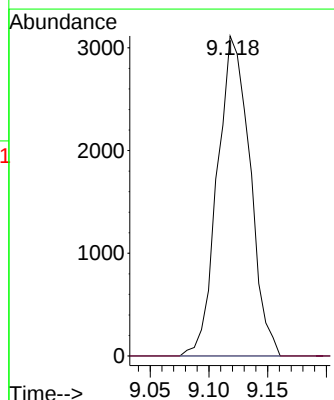
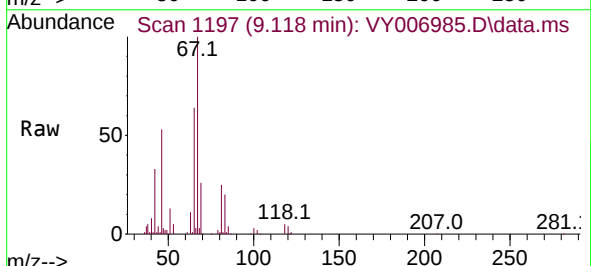
Delta R.T. -0.098 min

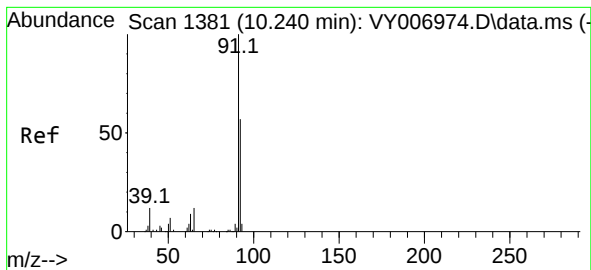
Lab File: VY006985.D

Acq: 07 Dec 2021 02:06

Tgt Ion: 63 Resp: 6014

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2





#42

Toluene

Concen: 0.688 ug/L

RT: 10.240 min Scan# 11

Delta R.T. -0.000 min

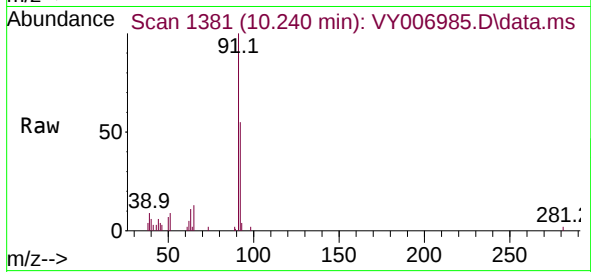
Lab File: VY006985.D

Acq: 07 Dec 2021 02:06

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 91 Resp: 6548

Ion Ratio Lower Upper

91 100

92 55.3 39.8 74.0

