

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006986.D
 Acq On : 07 Dec 2021 02:28
 Operator : SY/MD
 Sample : M4884-21
 Misc : 6.00g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 07 04:15:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM120321SMA.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)

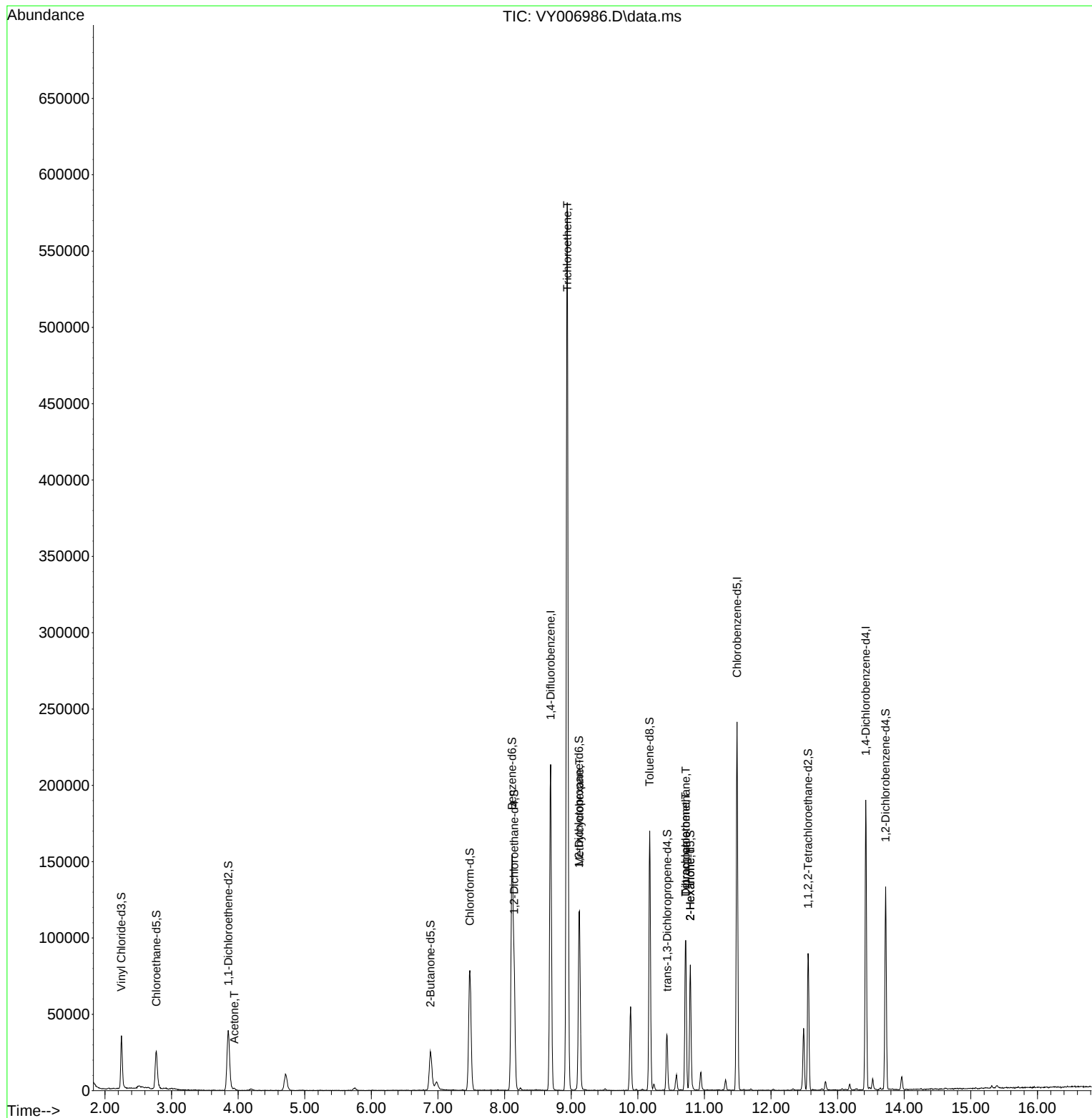
Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	166064	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	113539	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	42452	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	34674	16.212	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.840%
7) Chloroethane-d5	2.771	69	30964	18.456	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.840%
11) 1,1-Dichloroethene-d2	3.851	63	40268	9.056	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	36.240%#
21) 2-Butanone-d5	6.887	46	46034	55.726	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.460%
24) Chloroform-d	7.478	84	79231	19.145	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.560%
26) 1,2-Dichloroethane-d4	8.142	65	55600	22.382	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.520%
32) Benzene-d6	8.112	84	151009	25.038	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.160%
36) 1,2-Dichloropropane-d6	9.118	67	55861	29.479	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.920%
41) Toluene-d8	10.179	98	101910	18.041	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.160%
43) trans-1,3-Dichloroprop...	10.441	79	19811	21.614	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.440%
47) 2-Hexanone-d5	10.788	63	25280	57.641	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.280%
56) 1,1,2,2-Tetrachloroeth...	12.556	84	44332	28.081	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.320%
66) 1,2-Dichlorobenzene-d4	13.721	152	30029	21.691	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.760%
Target Compounds						
					Qvalue	
13) Acetone	3.942	43	2218	2.930	ug/L	94
34) Trichloroethene	8.941	95	186371	99.125	ug/L	93
35) Methylcyclohexane	9.124	83	12296	3.650	ug/L #	19
46) Tetrachloroethene	10.715	164	19651	12.475	ug/L	93
48) 2-Hexanone	10.788	43	4301	3.819	ug/L #	70
49) Dibromochloromethane	10.721	129	18196	10.371	ug/L #	12

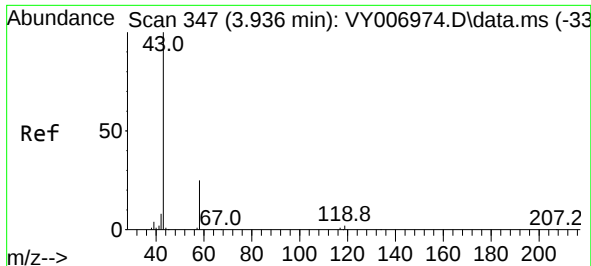
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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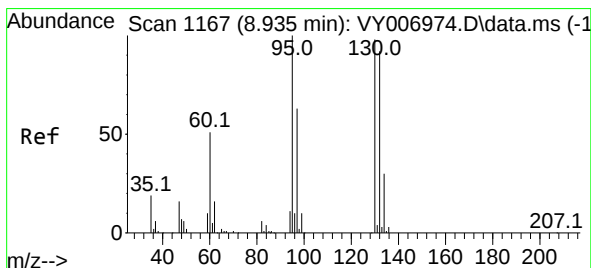
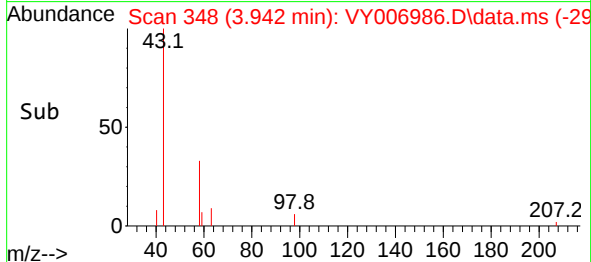
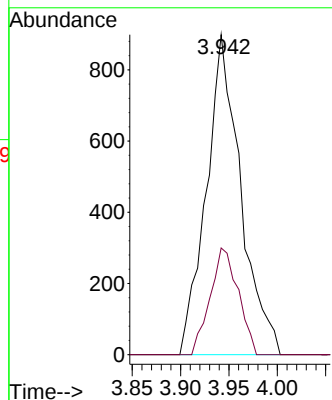
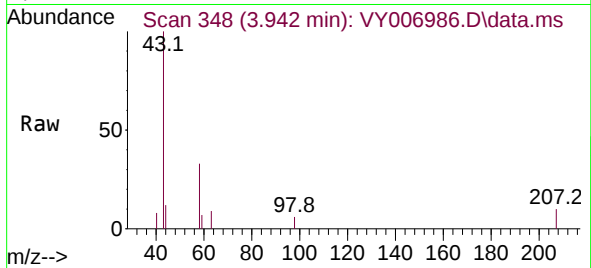




#13
Acetone
Concen: 2.930 ug/L
RT: 3.942 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY006986.D
Acq: 07 Dec 2021 02:28

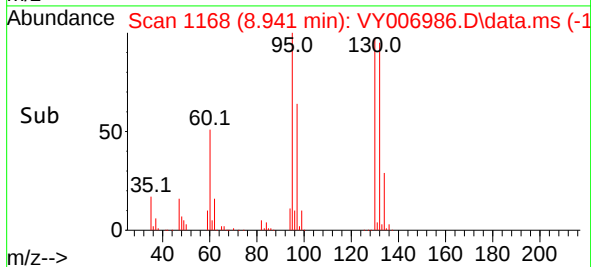
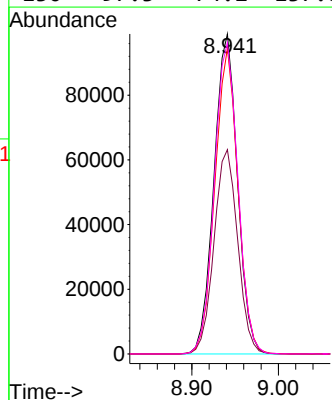
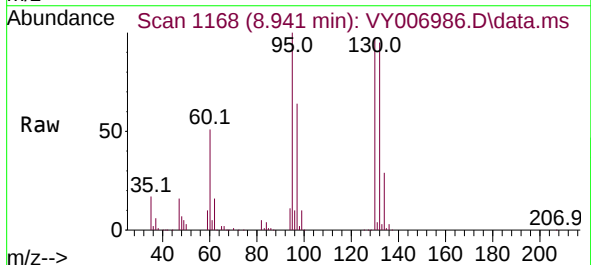
Instrument :
MSVOA_Y
ClientSampleId :

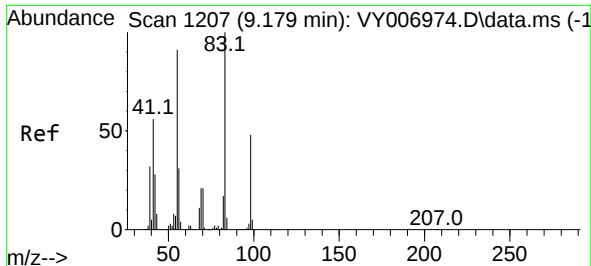
Tgt Ion: 43 Resp: 2218
Ion Ratio Lower Upper
43 100
58 27.3 0.0 60.8



#34
Trichloroethene
Concen: 99.125 ug/L
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY006986.D
Acq: 07 Dec 2021 02:28

Tgt Ion: 95 Resp: 186371
Ion Ratio Lower Upper
95 100
97 63.8 47.3 87.8
132 95.5 71.3 132.5
130 97.3 74.2 137.8





#35

Methylcyclohexane

Concen: 3.650 ug/L

RT: 9.124 min Scan# 1198

Delta R.T. -0.055 min

Lab File: VY006986.D

Acq: 07 Dec 2021 02:28

Instrument :

MSVOA_Y

ClientSampleId :

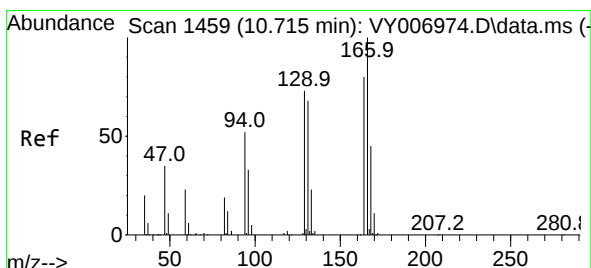
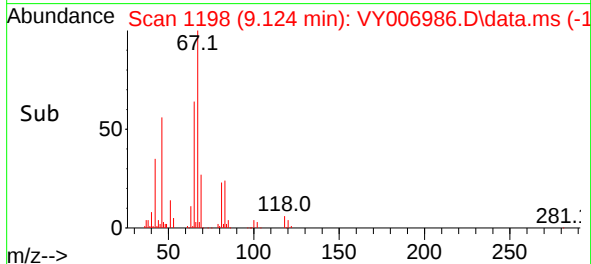
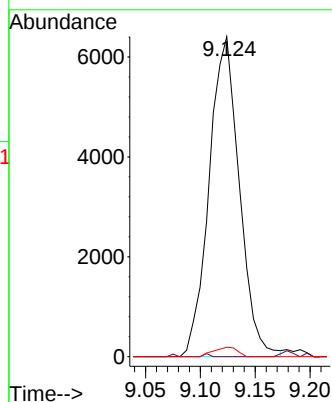
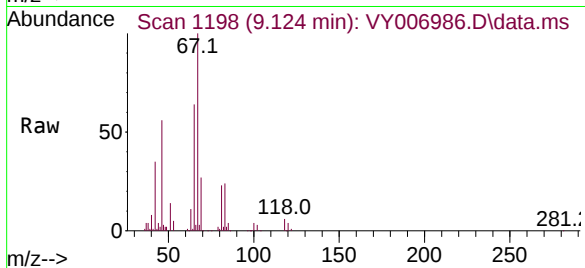
Tgt Ion: 83 Resp: 12296

Ion Ratio Lower Upper

83 100

55 0.7 62.6 94.0#

98 2.3 39.1 58.7#



#46

Tetrachloroethene

Concen: 12.475 ug/L

RT: 10.715 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VY006986.D

Acq: 07 Dec 2021 02:28

Tgt Ion: 164 Resp: 19651

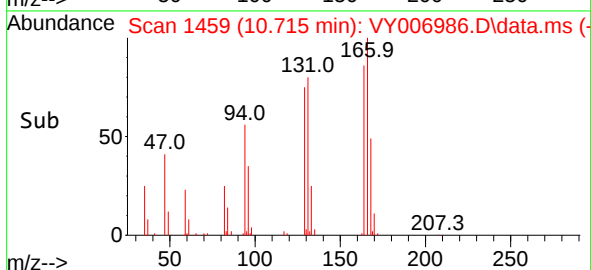
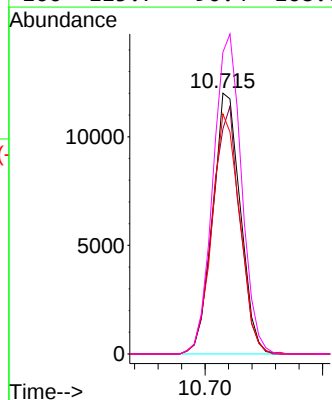
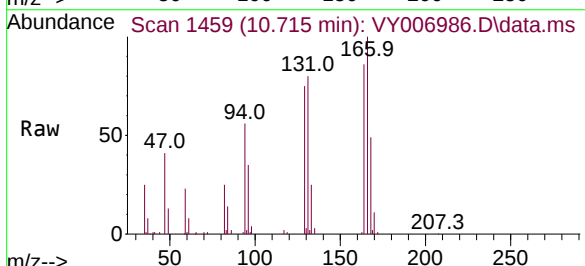
Ion Ratio Lower Upper

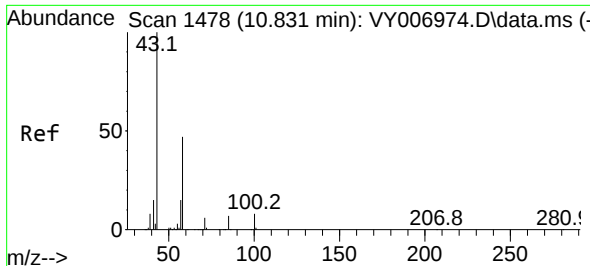
164 100

129 86.4 62.1 115.3

131 92.0 61.0 113.2

166 115.7 90.4 168.0





#48

2-Hexanone

Concen: 3.819 ug/L

RT: 10.788 min Scan# 14

Delta R.T. -0.043 min

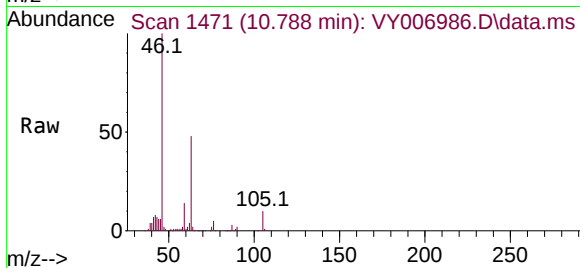
Lab File: VY006986.D

Acq: 07 Dec 2021 02:28

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43 Resp: 4301

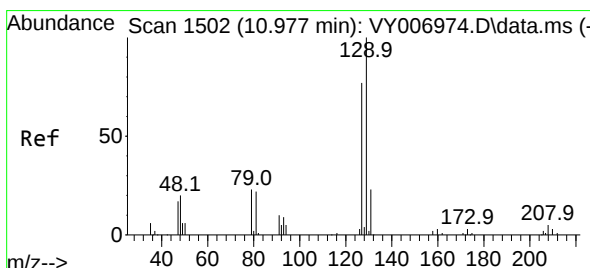
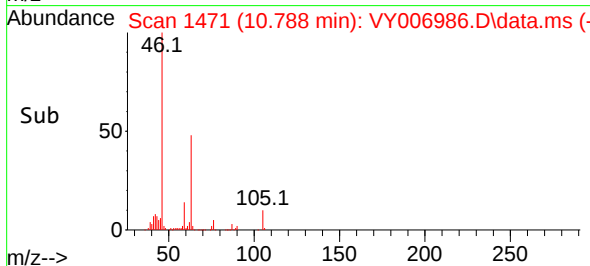
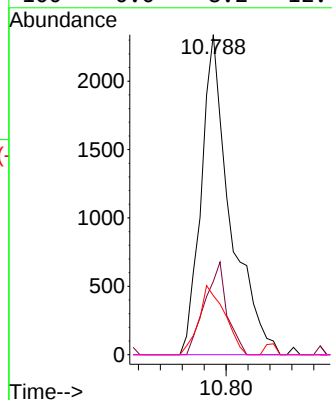
Ion Ratio Lower Upper

43 100

58 22.2 39.9 59.9#

57 19.3 14.2 21.4

100 0.0 8.2 12.4#



#49

Dibromochloromethane

Concen: 10.371 ug/L

RT: 10.721 min Scan# 1460

Delta R.T. -0.256 min

Lab File: VY006986.D

Acq: 07 Dec 2021 02:28

Tgt Ion: 129 Resp: 18196

Ion Ratio Lower Upper

129 100

127 0.0 52.1 96.9#

