

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006982.D
 Acq On : 07 Dec 2021 01:00
 Operator : SY/MD
 Sample : M4884-06
 Misc : 3.93g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 07 04:15:09 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)

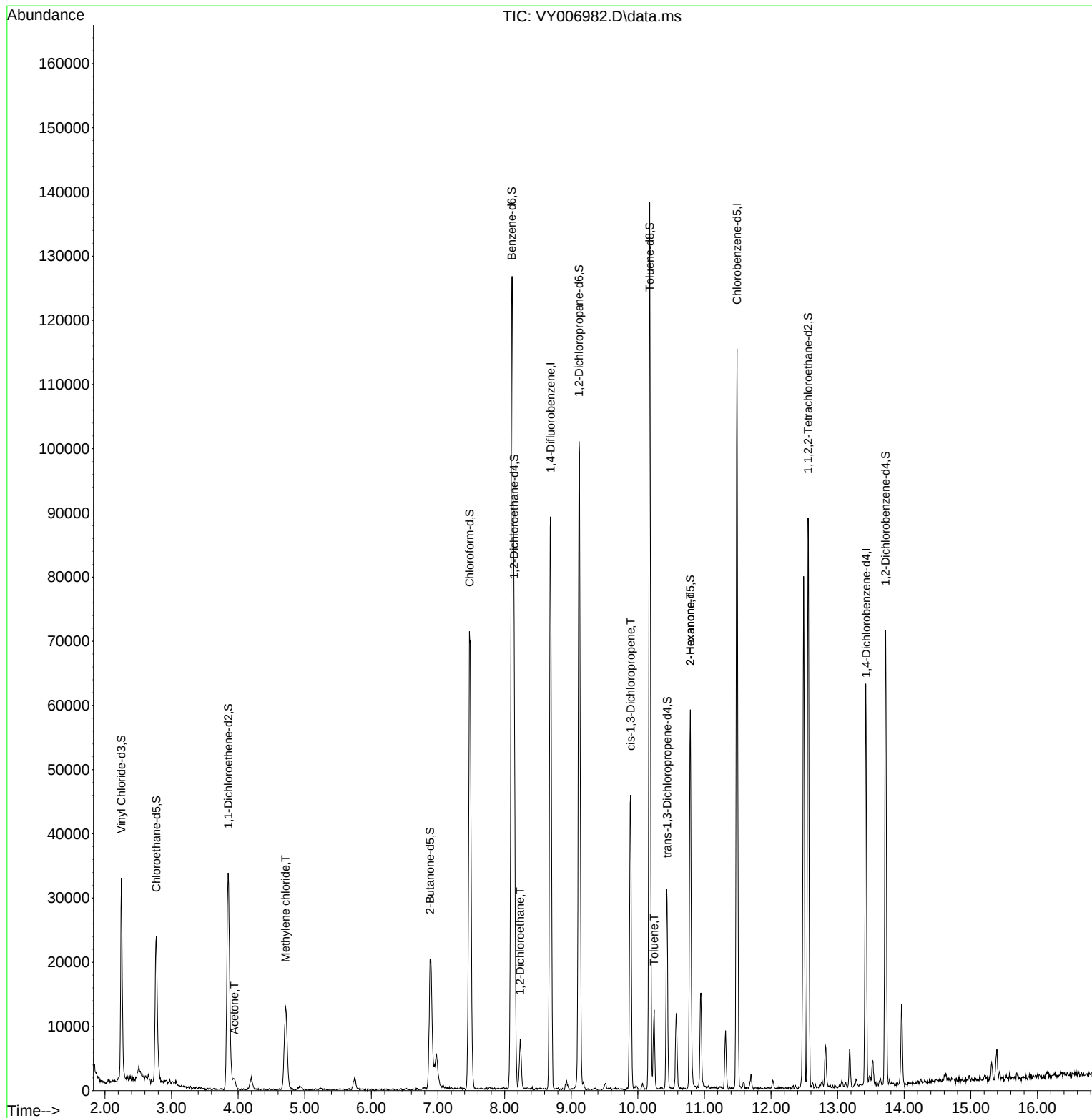
Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	70821	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	55243	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	14278	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	31693	34.747	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 139.000%	
7) Chloroethane-d5	2.772	69	28550	39.902	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 159.600%#	
11) 1,1-Dichloroethene-d2	3.851	63	35582	18.765	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 75.040%	
21) 2-Butanone-d5	6.881	46	38520	109.340	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 218.680%#	
24) Chloroform-d	7.472	84	69728	39.507	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 158.040%#	
26) 1,2-Dichloroethane-d4	8.143	65	47175	44.530	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 178.120%#	
32) Benzene-d6	8.106	84	121970	41.564	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 166.240%#	
36) 1,2-Dichloropropane-d6	9.118	67	47865	51.914	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 207.640%#	
41) Toluene-d8	10.179	98	81107	29.510	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 118.040%	
43) trans-1,3-Dichloroprop...	10.441	79	16053	35.997	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 144.000%#	
47) 2-Hexanone-d5	10.788	63	19264	90.275	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 180.560%#	
56) 1,1,2,2-Tetrachloroeth...	12.556	84	42750	55.654	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 222.600%#	
66) 1,2-Dichlorobenzene-d4	13.721	152	16966	36.438	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 145.760%#	
Target Compounds						Qvalue
13) Acetone	3.942	43	2763	8.558	ug/L	91
16) Methylene chloride	4.710	84	8665	6.823	ug/L	95
27) 1,2-Dichloroethane	8.234	62	6232	4.441	ug/L	98
39) cis-1,3-Dichloropropene	9.892	75	1219	0.816	ug/L #	70
42) Toluene	10.246	91	8151	2.057	ug/L	98
48) 2-Hexanone	10.788	43	3254	5.938	ug/L #	68

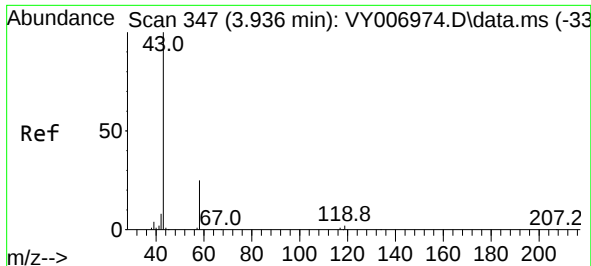
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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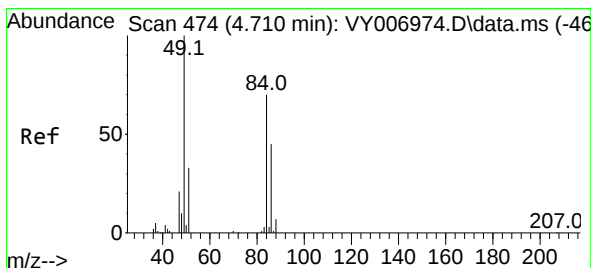
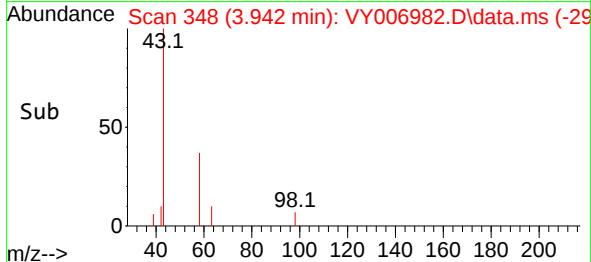
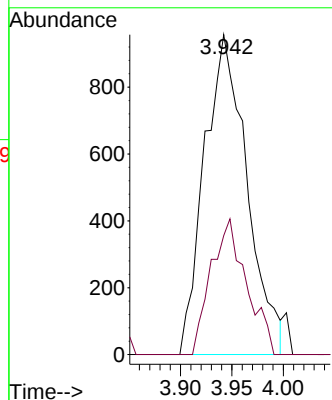
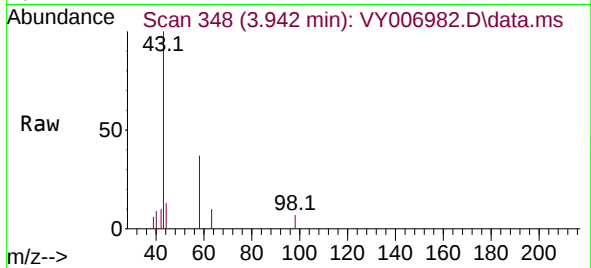




#13
Acetone
Concen: 8.558 ug/L
RT: 3.942 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY006982.D
Acq: 07 Dec 2021 01:00

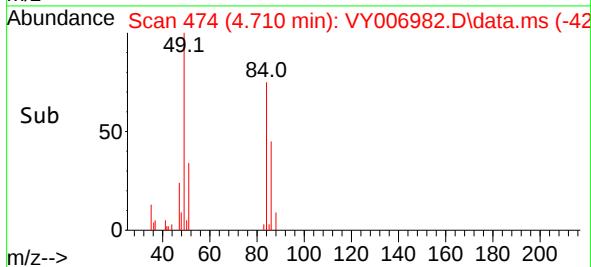
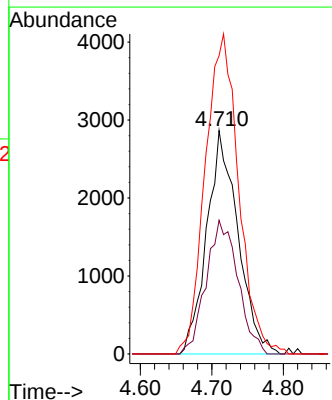
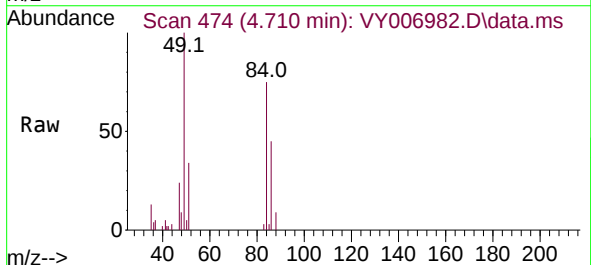
Instrument :
MSVOA_Y
ClientSampleId :

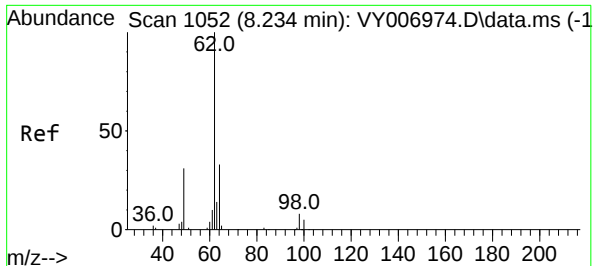
Tgt Ion: 43 Resp: 2763
Ion Ratio Lower Upper
43 100
58 35.3 0.0 60.8



#16
Methylene chloride
Concen: 6.823 ug/L
RT: 4.710 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY006982.D
Acq: 07 Dec 2021 01:00

Tgt Ion: 84 Resp: 8665
Ion Ratio Lower Upper
84 100
86 59.8 43.4 80.6
49 133.5 89.1 165.5





#27

1,2-Dichloroethane

Concen: 4.441 ug/L

RT: 8.234 min Scan# 1052

Delta R.T. -0.000 min

Lab File: VY006982.D

Acq: 07 Dec 2021 01:00

Instrument :

MSVOA_Y

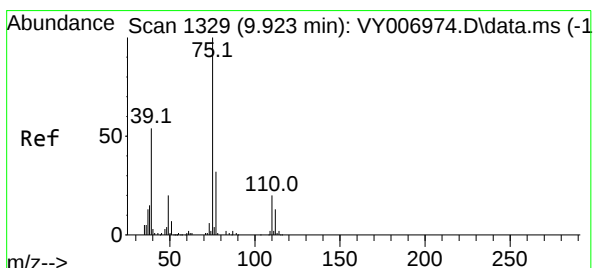
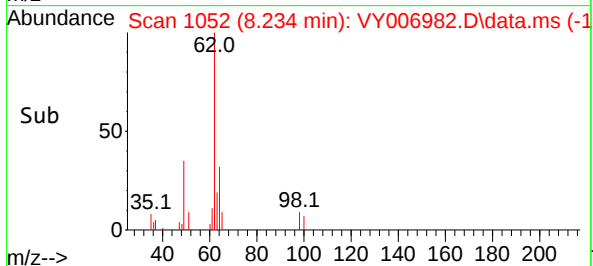
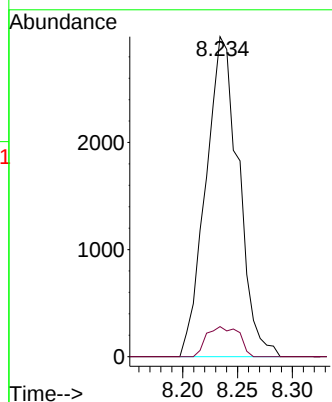
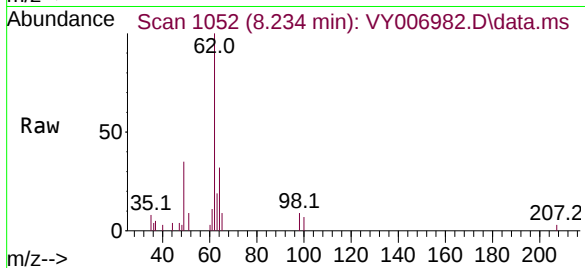
ClientSampleId :

Tgt Ion: 62 Resp: 6232

Ion Ratio Lower Upper

62 100

98 9.4 6.9 10.3



#39

cis-1,3-Dichloropropene

Concen: 0.816 ug/L

RT: 9.892 min Scan# 1324

Delta R.T. -0.031 min

Lab File: VY006982.D

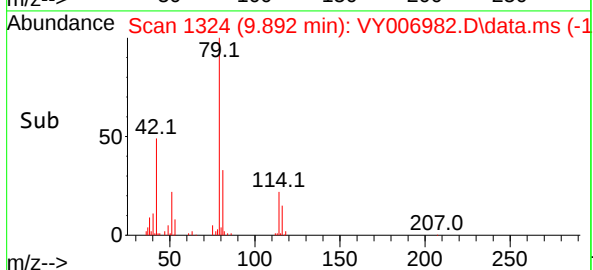
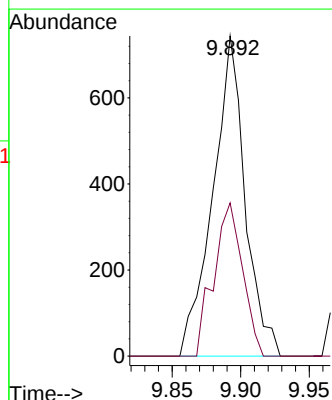
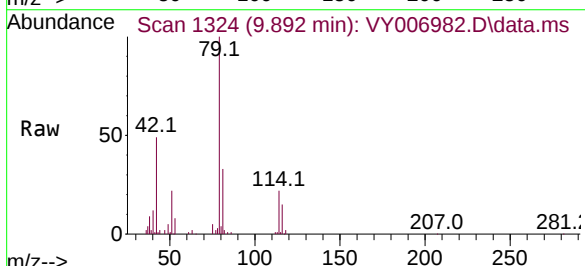
Acq: 07 Dec 2021 01:00

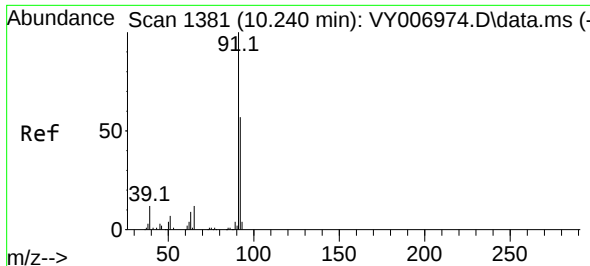
Tgt Ion: 75 Resp: 1219

Ion Ratio Lower Upper

75 100

77 47.8 21.8 40.6#

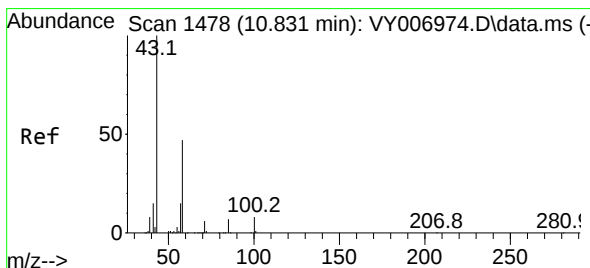
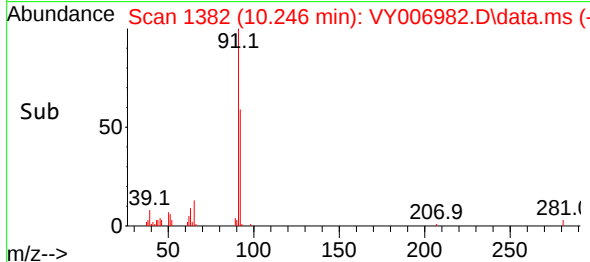
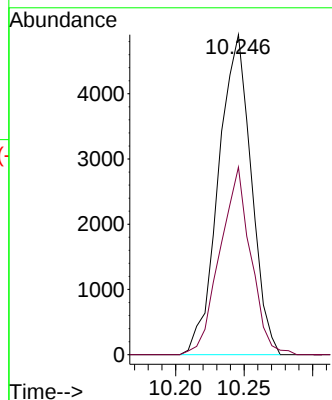
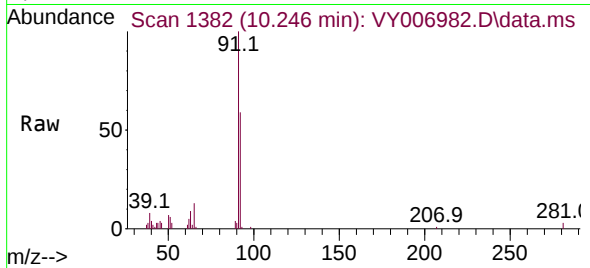




#42
Toluene
Concen: 2.057 ug/L
RT: 10.246 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006982.D
Acq: 07 Dec 2021 01:00

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 91 Resp: 8151
Ion Ratio Lower Upper
91 100
92 58.6 39.8 74.0



#48
2-Hexanone
Concen: 5.938 ug/L
RT: 10.788 min Scan# 1471
Delta R.T. -0.043 min
Lab File: VY006982.D
Acq: 07 Dec 2021 01:00

Tgt Ion: 43 Resp: 3254
Ion Ratio Lower Upper
43 100
58 21.0 39.9 59.9#
57 20.0 14.2 21.4
100 0.0 8.2 12.4#

