

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

Instrument :
 MSVOA_Y
 ClientSampleId :
 EW9J2RE

Quant Time: Dec 07 04:15:09 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)

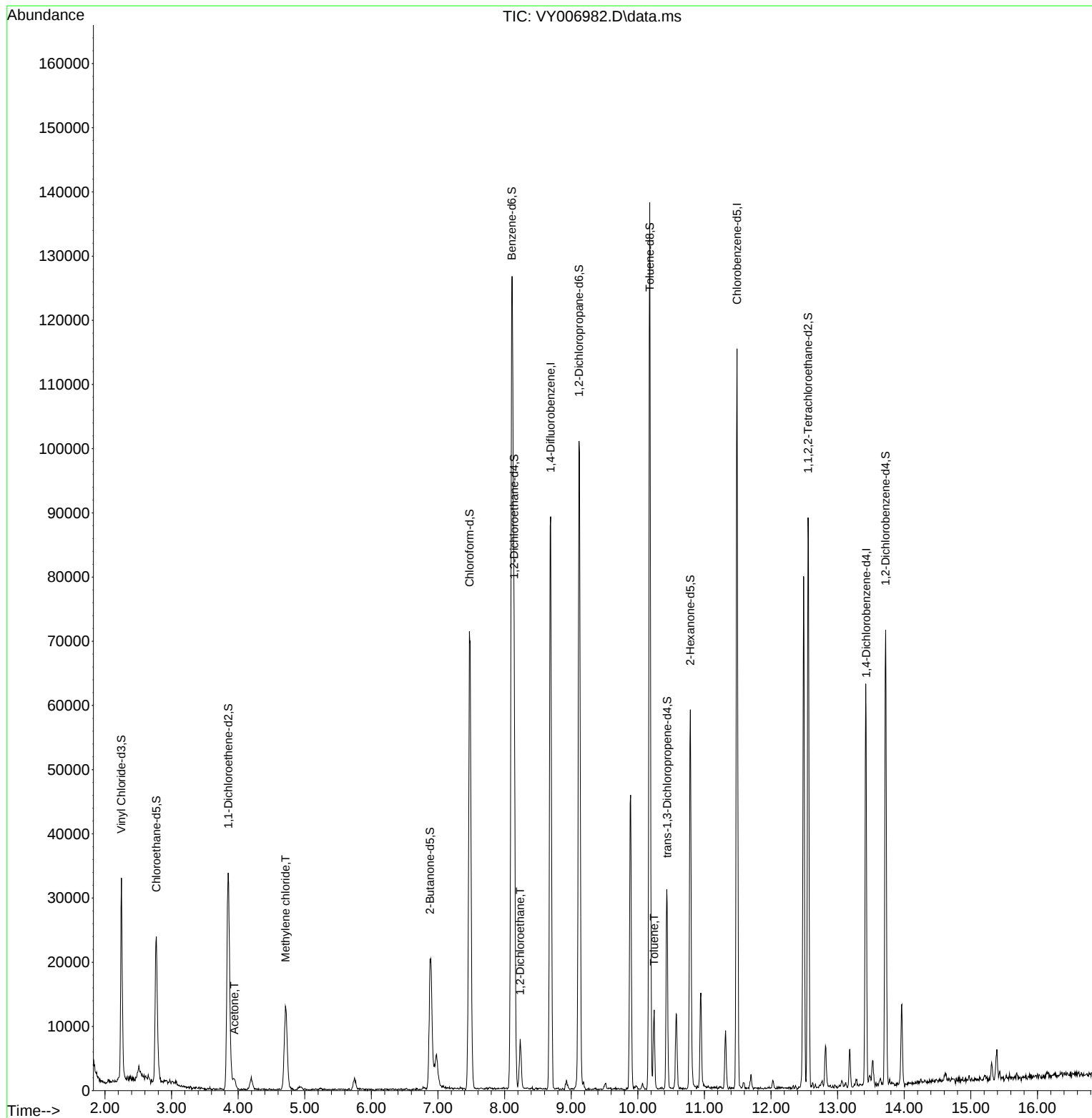
Internal Standards							
1) 1,4-Difluorobenzene		8.691	114	70821	25.000	ug/L	0.00
28) Chlorobenzene-d5		11.489	117	55243	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.428	152	14278	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.247	65	31693	34.747	ug/L	0.00
Spiked Amount	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
42) Toluene		10.246	91	8151	2.057	ug/L	98

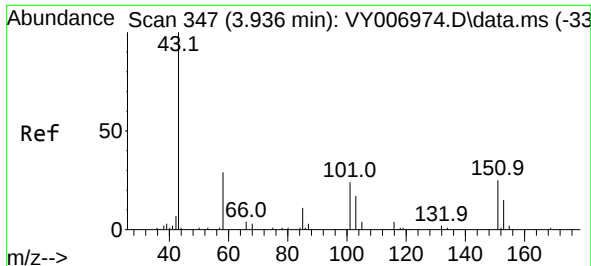
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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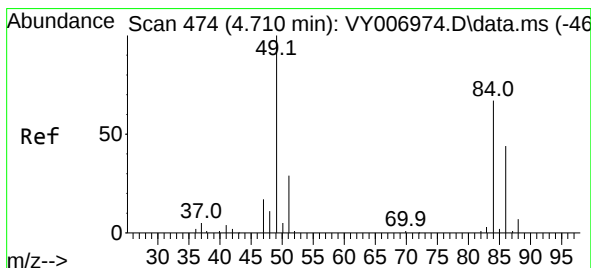
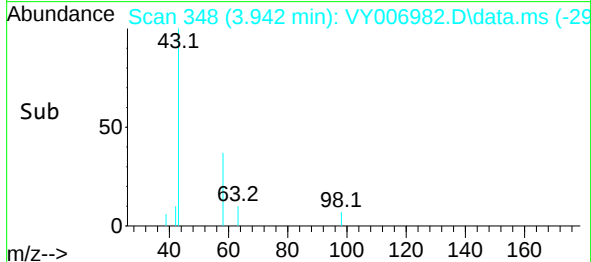
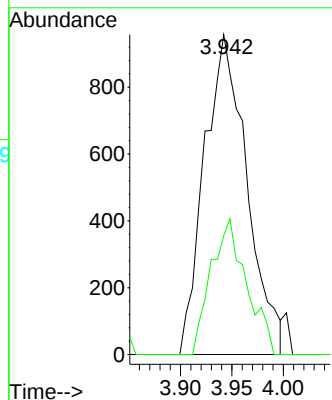
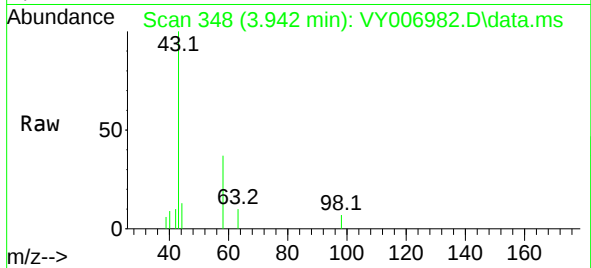




#13
Acetone
Concen: 8.558 ug/L
RT: 3.942 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY006982.D
Acq: 07 Dec 2021 01:00

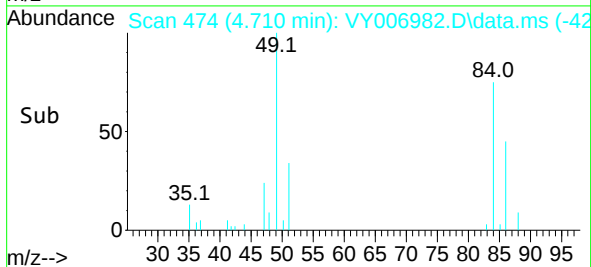
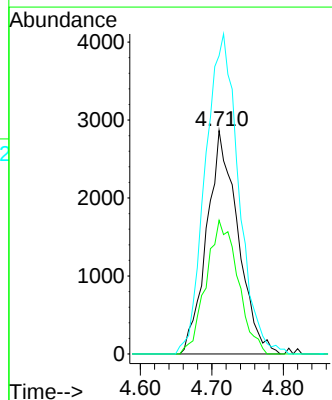
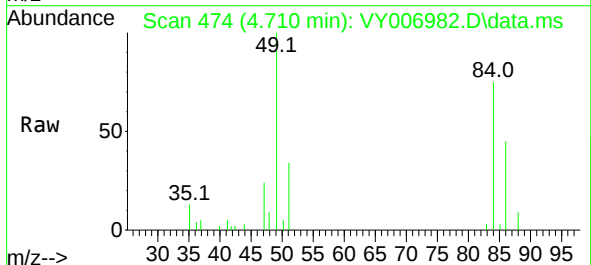
Instrument :
MSVOA_Y
ClientSampleId :
EW9J2RE

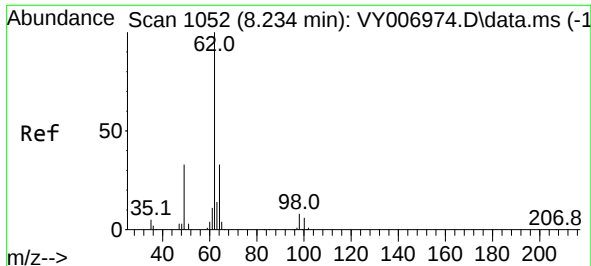
Tgt Ion: 43 Resp: 2763
Ion Ratio Lower Upper
43 100
58 35.3 0.0 60.8



#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 :

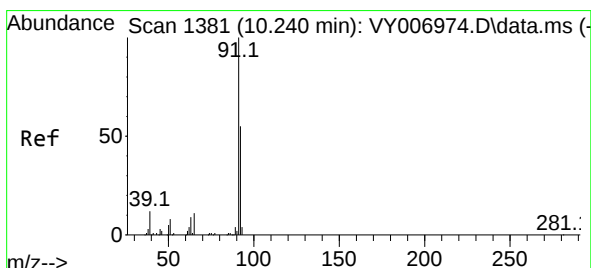
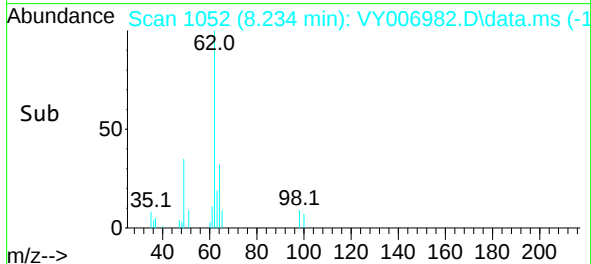
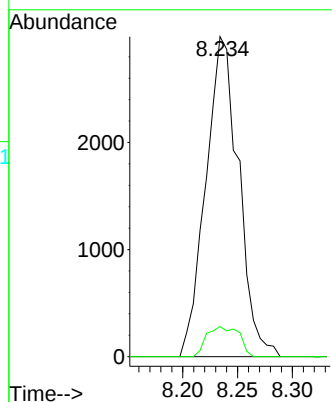
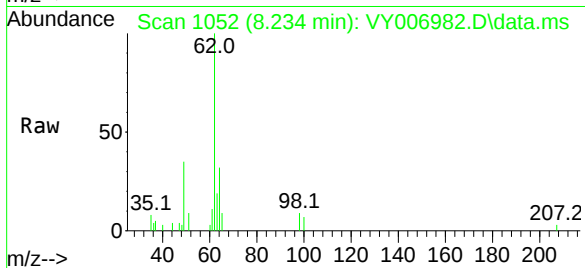
EW9J2RE

Tgt Ion: 62 Resp: 6232

Ion Ratio Lower Upper

62 100

98 9.4 6.9 10.3



#42

Toluene

Concen: 2.057 ug/L

RT: 10.246 min Scan# 1382

Delta R.T. 0.006 min

Lab File: VY006982.D

Acq: 07 Dec 2021 01:00

Tgt Ion: 91 Resp: 8151

Ion Ratio Lower Upper

91 100

92 58.6 39.8 74.0

